LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122923\
Data File : BM043678.D
Acq On : 29 Dec 2023 18:28
Operator : MA/JU
Sample : 05920-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GCF59

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BM043678.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.363	27	30	42	rVB	70283	112406	1.34%	0.067%
2	3.787	99	102	118	rBV	731195	1220080	14.59%	0.730%
3	5.299	355	359	366	rVV	59943	104528	1.25%	0.063%
4	5.528	387	398	406	rBV2	68808	150974	1.81%	0.090%
5	7.122	659	669	680	rBV	1654826	2697392	32.25%	1.613%
6	7.246	684	690	693	rVV	141872	225380	2.69%	0.135%
7	7.293	693	698	711	rVV	1020630	1675540	20.03%	1.002%
8	7.481	723	730	741	rVB	1458170	2324856	27.80%	1.390%
9	7.957	804	811	817	rBV	822035	1333727	15.95%	0.798%
10	8.669	926	932	943	rVB	1969442	3105316	37.13%	1.857%
11	9.128	1003	1010	1020	rBV	1496454	2434543	29.11%	1.456%
12	9.698	1097	1107	1117	rBV4	37373	88894	1.06%	0.053%
13	9.845	1124	1132	1140	rBV	1258648	2150770	25.72%	1.286%
14	10.387	1216	1224	1244	rVV	1933154	3359304	40.17%	2.009%
15	10.763	1281	1288	1296	rVB	1149079	1933070	23.11%	1.156%
16	10.910	1305	1313	1327	rBV	455572	921058	11.01%	0.551%
17	12.951	1655	1660	1665	rVB	176976	250951	3.00%	0.150%
18	13.416	1735	1739	1743	rVV	54123	89718	1.07%	0.054%
19	13.469	1743	1748	1755	rVV2	271732	432166	5.17%	0.258%
20	13.857	1808	1814	1819	rBV	346484	534115	6.39%	0.319%
21	13.910	1819	1823	1833	rVV2	125146	214109	2.56%	0.128%
22	14.016	1833	1841	1848	rVV	3300068	4510863	53.93%	2.698%
23	14.110	1854	1857	1863	rVB2	64144	94542	1.13%	0.057%
24	14.292	1881	1888	1895	rBV	3937549	5780174	69.11%	3.457%
25	14.410	1904	1908	1914	rBV4	71982	128092	1.53%	0.077%
26	14.480	1914	1920	1926	rVB3	115826	220284	2.63%	0.132%
27	14.592	1933	1939	1946	rVB	1570417	2386755	28.54%	1.428%
28	14.663	1946	1951	1962	rVB6	54563	139297	1.67%	0.083%
29	14.810	1969	1976	1990	rBV	1437892	2698915	32.27%	1.614%
30	14.969	1997	2003	2007	rBV	268939	413822	4.95%	0.248%
31	15.016	2007	2011	2014	rVB3	75765	108408	1.30%	0.065%
32	15.145	2028	2033	2041	rVB3	140941	206703	2.47%	0.124%
33	15.592	2102	2109	2117	rVB	4773533	7061993	84.44%	4.224%
34	15.710	2124	2129	2137	rBV	1244598	1739472	20.80%	1.040%
35	16.221	2211	2216	2222	rBV5	69316	141286	1.69%	0.085%
36	16.304	2227	2230	2238	rVB2	76072	135688	1.62%	0.081%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122923\
Data File : BM043678.D
Acq On : 29 Dec 2023 18:28
Operator : MA/JU
Sample : 05920-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF59

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Title : SVOA CALIBRATION

37	16.445	2249	2254	2260	rBV6	57180	128786	1.54%	0.077%
38	16.521	2263	2267	2276	rVB4	82948	155879	1.86%	0.093%
39	16.739	2299	2304	2310	rBV	344009	539705	6.45%	0.323%
40	16.821	2314	2318	2319	rVV	122505	172378	2.06%	0.103%
41	16.845	2319	2322	2327	rVB	207871	293480	3.51%	0.176%
42	16.963	2337	2342	2350	rBV7	76978	209850	2.51%	0.126%
43	17.086	2356	2363	2367	rBV3	365237	569902	6.81%	0.341%
44	17.239	2384	2389	2392	rBV3	137382	209085	2.50%	0.125%
45	17.304	2397	2400	2402	rVV2	107069	141438	1.69%	0.085%
46	17.345	2402	2407	2411	rVV	1907925	2798771	33.46%	1.674%
47	17.386	2411	2414	2418	rVV	322009	421339	5.04%	0.252%
48	17.445	2418	2424	2431	rVB	4660634	6810728	81.43%	4.073%
49	17.592	2446	2449	2453	rVB2	114280	140370	1.68%	0.084%
50	17.633	2453	2456	2464	rVB4	130054	196226	2.35%	0.117%
51	17.727	2465	2472	2478	rBV4	185144	397498	4.75%	0.238%
52	17.927	2501	2506	2511	rVB4	87630	169905	2.03%	0.102%
53	18.127	2535	2540	2546	rBV3	239002	468209	5.60%	0.280%
54	18.186	2546	2550	2556	rVV	678034	1159405	13.86%	0.693%
55	18.251	2556	2561	2575	rVV	4173415	6224712	74.43%	3.723%
56	18.357	2575	2579	2585	rVV	290404	538481	6.44%	0.322%
57	18.427	2588	2591	2598	rVB3	148085	248217	2.97%	0.148%
58	18.545	2606	2611	2612	rBV2	180768	249212	2.98%	0.149%
59	18.574	2613	2616	2621	rVB2	278888	417408	4.99%	0.250%
60	18.627	2622	2625	2629	rVV3	159196	213712	2.56%	0.128%
61	18.674	2630	2633	2638	rVB3	90039	119024	1.42%	0.071%
62	18.815	2654	2657	2666	rVB4	152884	274724	3.28%	0.164%
63	18.915	2671	2674	2677	rVV2	125680	174956	2.09%	0.105%
64	18.962	2677	2682	2687	rVB	1217518	1508964	18.04%	0.903%
65	19.098	2702	2705	2709	rBV4	88472	127979	1.53%	0.077%
66	19.168	2714	2717	2720	rVB3	196787	230904	2.76%	0.138%
67	19.262	2729	2733	2736	rBV	138126	176026	2.10%	0.105%
68	19.380	2746	2753	2754	rBV3	391555	630043	7.53%	0.377%
69	19.409	2754	2758	2773	rVV2	1870249	4227857	50.55%	2.529%
70	19.521	2773	2777	2787	rVV	1422376	2126123	25.42%	1.272%
71	19.604	2788	2791	2796	rVB4	137862	210574	2.52%	0.126%
72	19.733	2808	2813	2820	rVV	6103824	8148759	97.43%	4.874%
73	19.786	2820	2822	2828	rVB	135678	155592	1.86%	0.093%
74	20.180	2885	2889	2896	rVB	666695	809498	9.68%	0.484%
75	20.251	2896	2901	2904	rBV3	505484	767261	9.17%	0.459%
76	20.286	2904	2907	2911	rVB	343480	392586	4.69%	0.235%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122923\
Data File : BM043678.D
Acq On : 29 Dec 2023 18:28
Operator : MA/JU
Sample : 05920-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GCF59

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Title : SVOA CALIBRATION

77	20.521	2943	2947	2952	rBV4	262947	426093	5.09%	0.255%
78	20.615	2953	2963	2968	rBV3	1750459	3551590	42.46%	2.124%
79	20.715	2976	2980	2985	rVB	981833	1180779	14.12%	0.706%
80	20.780	2986	2991	2993	rVV2	331439	588138	7.03%	0.352%
81	20.809	2993	2996	3001	rVB	453801	568468	6.80%	0.340%
82	20.921	3012	3015	3018	rBV3	533566	836075	10.00%	0.500%
83	21.121	3046	3049	3056	rVB3	575541	802889	9.60%	0.480%
84	21.186	3057	3060	3063	rBV	837954	1173390	14.03%	0.702%
85	21.221	3063	3066	3067	rBV	814274	876158	10.48%	0.524%
86	21.245	3067	3070	3075	rVB	3645034	4109096	49.13%	2.458%
87	21.333	3076	3085	3086	rBV3	1594946	3431358	41.03%	2.052%
88	21.527	3113	3118	3121	rBV	2172179	2963083	35.43%	1.772%
89	21.698	3144	3147	3152	rVB	511914	586698	7.01%	0.351%
90	22.180	3223	3229	3241	rBV	5694243	8363660	100.00%	5.002%
91	22.527	3284	3288	3299	rBV	797373	1540942	18.42%	0.922%
92	22.668	3308	3312	3327	rVB	2140252	3847557	46.00%	2.301%
93	23.239	3404	3409	3412	rBV	1112300	1777792	21.26%	1.063%
94	23.280	3412	3416	3428	rVB	2803338	4737750	56.65%	2.834%
95	23.792	3496	3503	3511	rVB2	3872662	7543937	90.20%	4.512%
96	23.944	3523	3529	3539	rVB	1434482	3046381	36.42%	1.822%
97	24.621	3637	3644	3651	rVB	2168173	4634857	55.42%	2.772%
98	24.709	3652	3659	3673	rBV	2489636	5794875	69.29%	3.466%
99	26.674	3985	3993	4012	rVB6	1040020	4828279	57.73%	2.888%
100	27.421	4111	4120	4131	rBV2	1821541	5907275	70.63%	3.533%

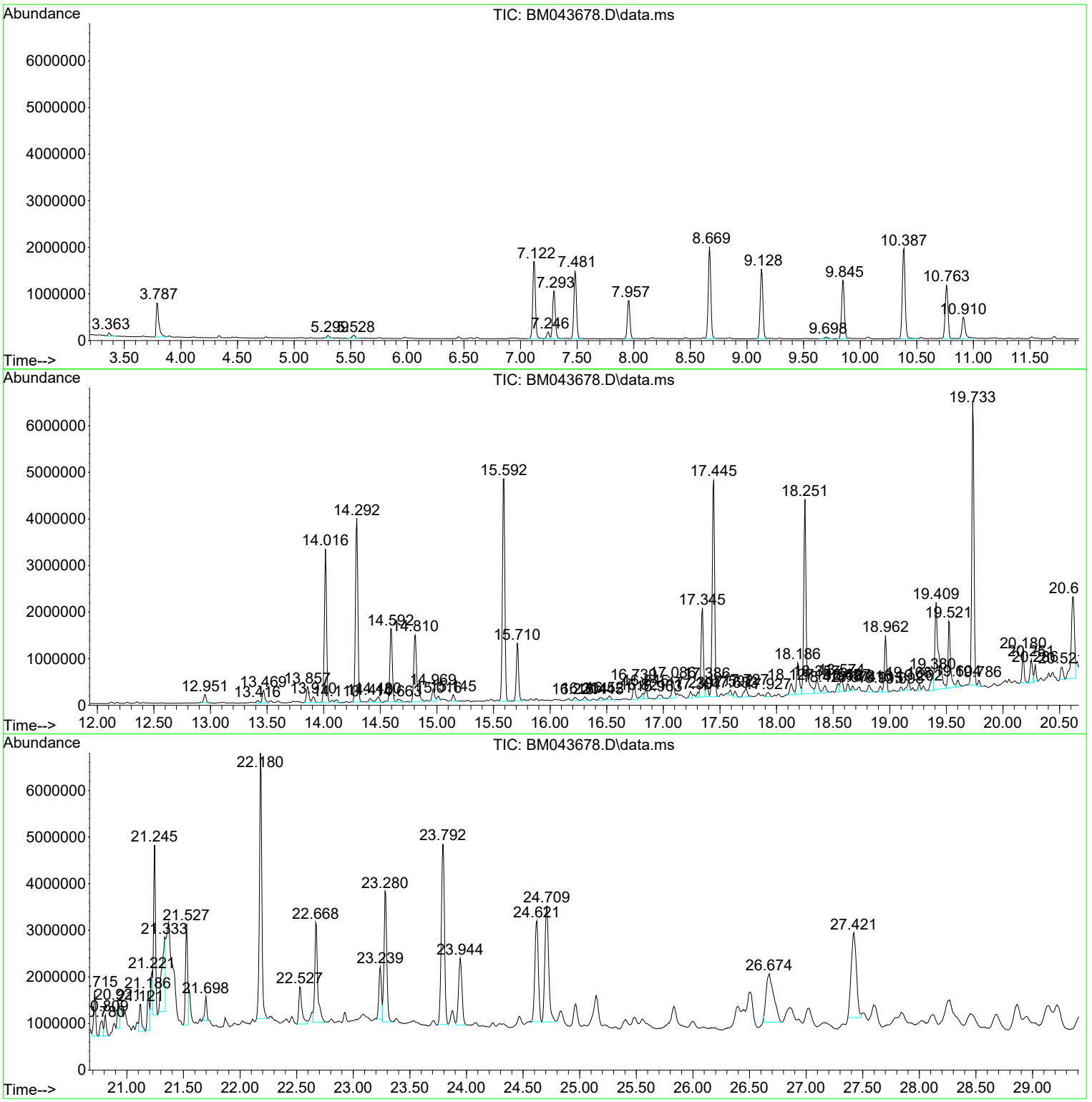
Sum of corrected areas: 167197877

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122923\
Data File : BM043678.D
Acq On : 29 Dec 2023 18:28
Operator : MA/JU
Sample : 05920-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF59

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122923\
Data File : BM043678.D
Acq On : 29 Dec 2023 18:28
Operator : MA/JU
Sample : 05920-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF59

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

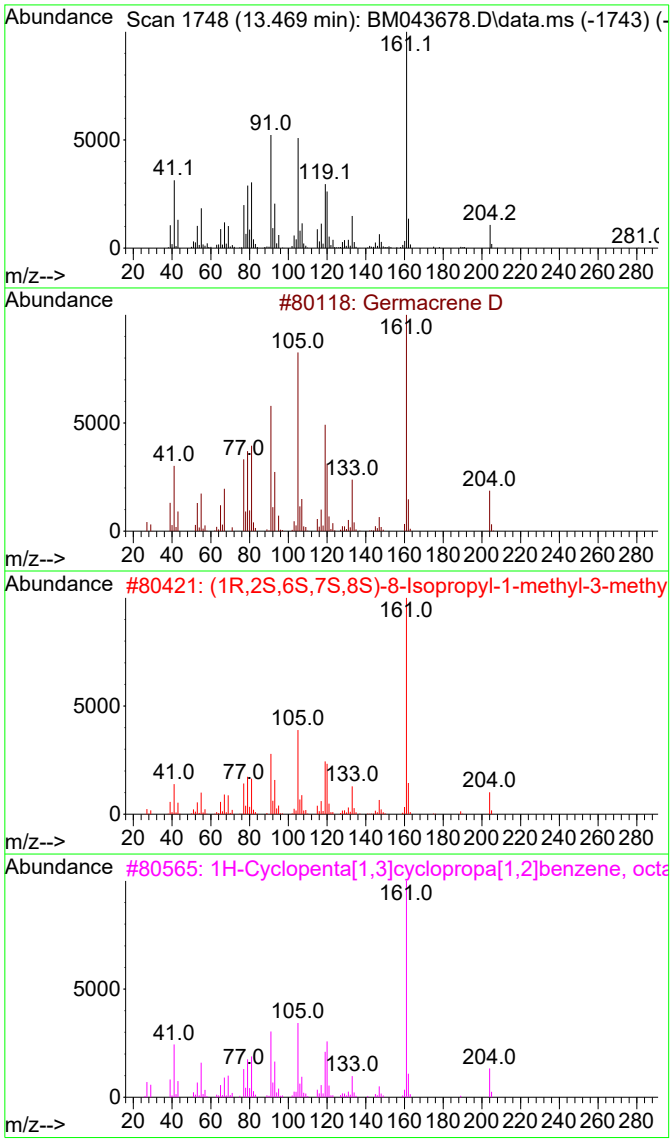
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

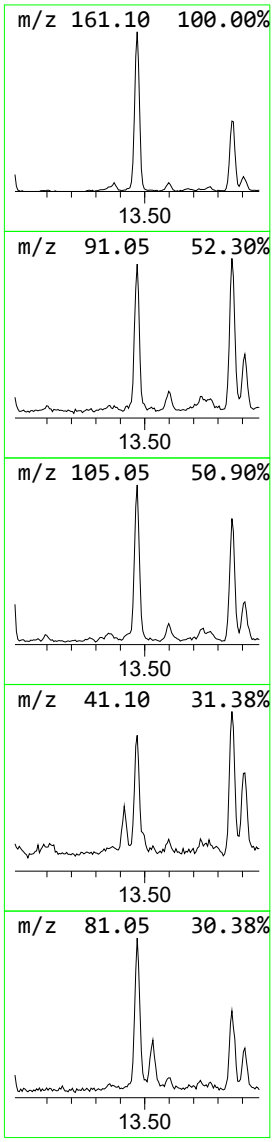
****

Peak Number 3 Germacrene D Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.469	3.62 ng/ul	432166	Acenaphthene-d10	14.592

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Germacrene D	204	C15H24	023986-74-5	99
2	(1R,2S,6S,7S,8S)-8-Isopropyl-1-m...	204	C15H24	018252-44-3	98
3	1H-Cyclopenta[1,3]cyclopropa[1,2...	204	C15H24	013744-15-5	97
4	1H-Cyclopenta[1,3]cyclopropa[1,2...	204	C15H24	013744-15-5	96
5	Germacrene D	204	C15H24	023986-74-5	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122923\
Data File : BM043678.D
Acq On : 29 Dec 2023 18:28
Operator : MA/JU
Sample : 05920-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF59

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

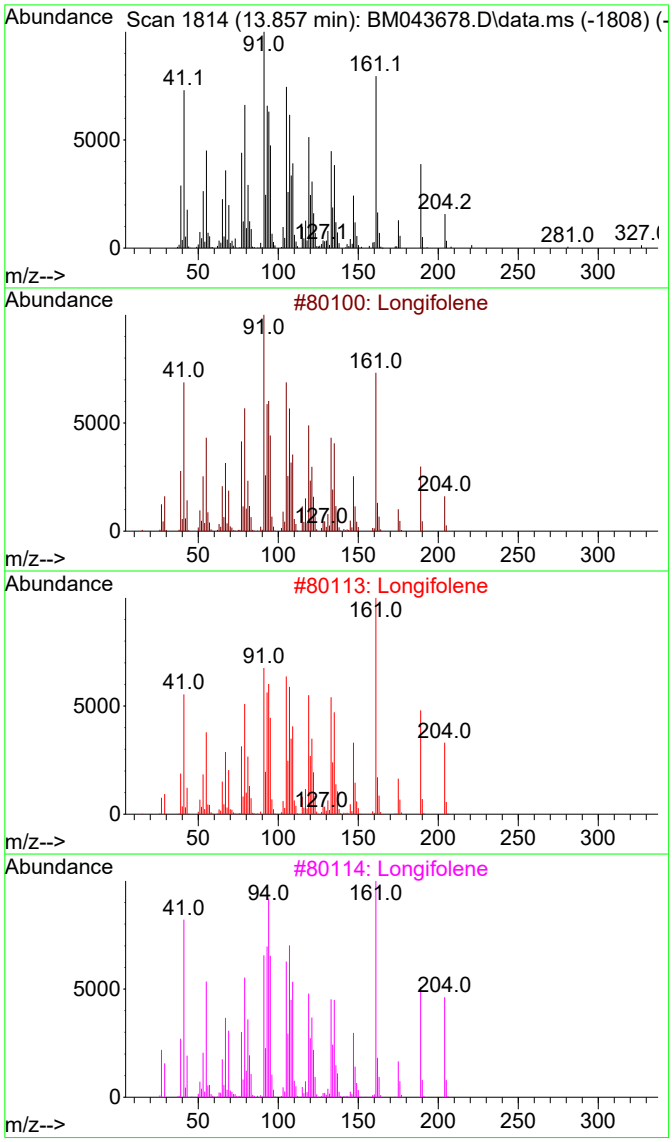
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

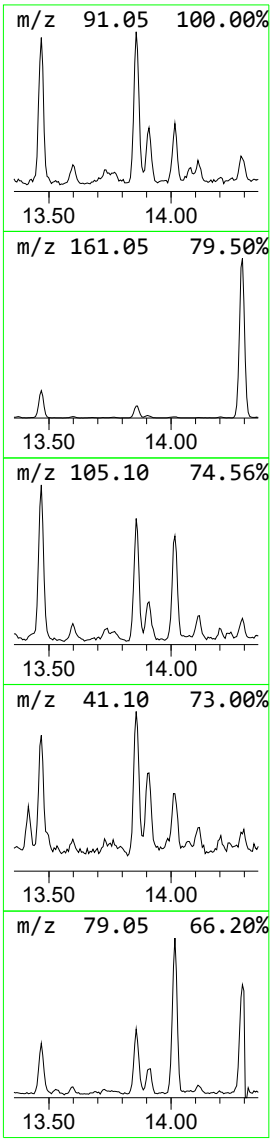
****

Peak Number 4 Longifolene Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.857	4.48 ng/ul	534115	Acenaphthene-d10	14.592

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Longifolene	204	C15H24	000475-20-7	99
2	Longifolene	204	C15H24	000475-20-7	99
3	Longifolene	204	C15H24	000475-20-7	99
4	Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	004630-07-3	97
5	Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	004630-07-3	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122923\
Data File : BM043678.D
Acq On : 29 Dec 2023 18:28
Operator : MA/JU
Sample : 05920-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF59

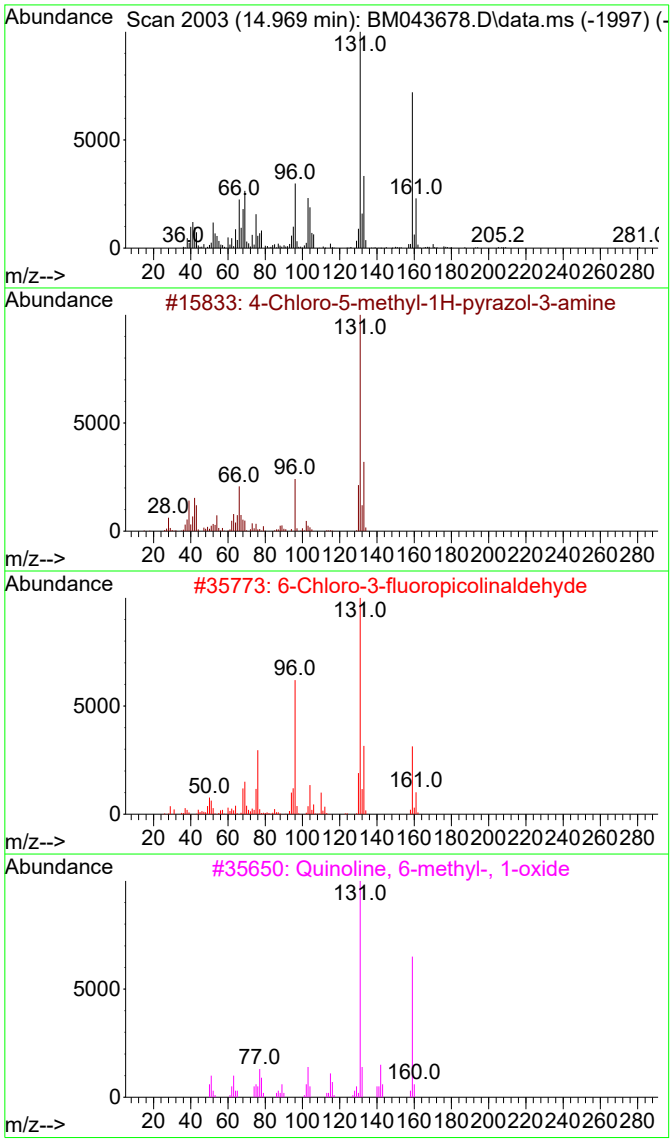
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

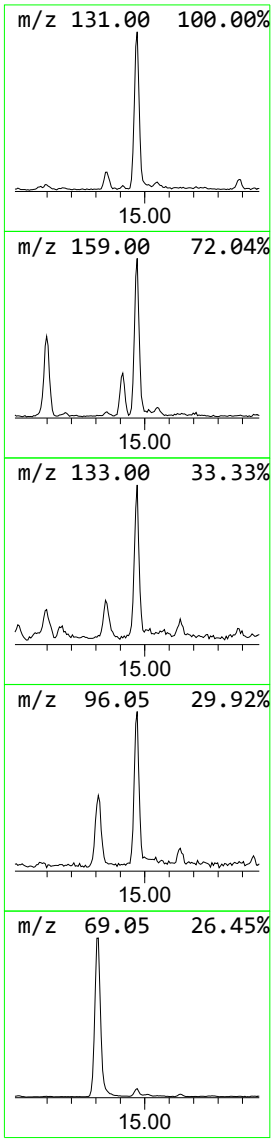
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 4-Chloro-5-methyl-1H-pyrazo... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.969	3.47 ng/ul	413822	Acenaphthene-d10	14.592

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-5-methyl-1H-pyrazol-3-a...	131	C4H6ClN3	110580-44-4	58
2	6-Chloro-3-fluoropicolinaldehyde	159	C6H3ClFNO	884494-77-3	52
3	Quinoline, 6-methyl-, 1-oxide	159	C10H9NO	004053-42-3	32
4	Benzaldehyde, 2-(2-propynyloxy)-	160	C10H8O2	029978-83-4	27
5	1-Butanol, TMS derivative	146	C7H18OSi	001825-65-6	22





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122923\
Data File : BM043678.D
Acq On : 29 Dec 2023 18:28
Operator : MA/JU
Sample : 05920-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF59

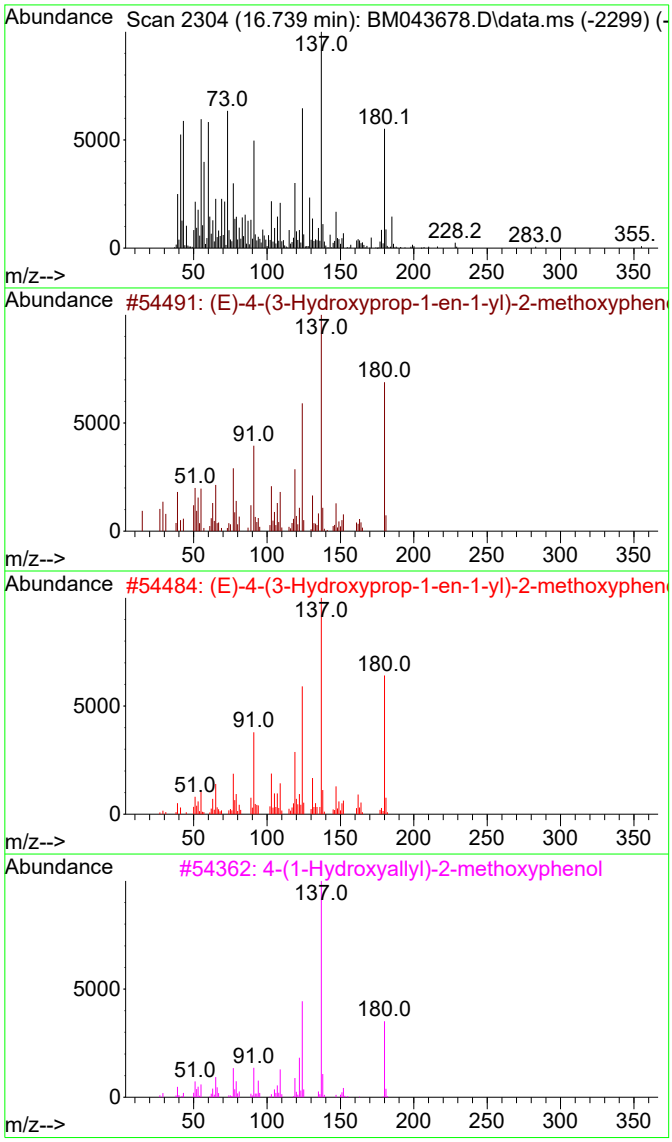
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

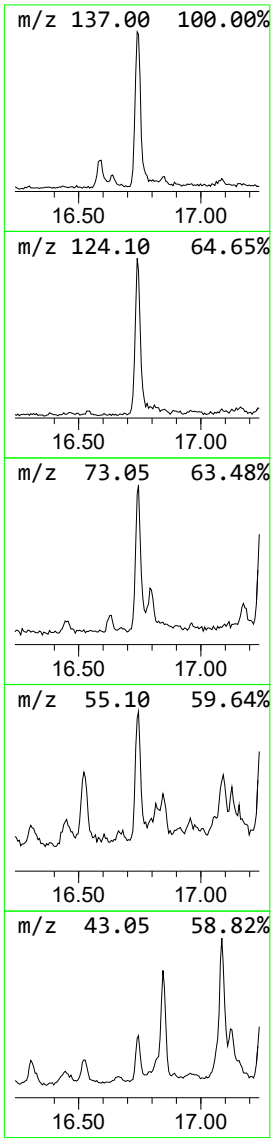
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (E)-4-(3-Hydroxyprop-1-en-1... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.739	3.86 ng/ul	539705	Phenanthrene-d10	17.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-4-(3-Hydroxyprop-1-en-1-yl)-...	180	C10H12O3	032811-40-8	98
2	(E)-4-(3-Hydroxyprop-1-en-1-yl)-...	180	C10H12O3	032811-40-8	92
3	4-(1-Hydroxyallyl)-2-methoxyphenol	180	C10H12O3	112465-50-6	60
4	3-Piperidinamine, 1-(1-methyl-1H...	180	C9H16N4	1251330-45-6	49
5	Benzaldehyde,-2-ethoxy-5-methoxy	180	C10H12O3	039206-04-7	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122923\
Data File : BM043678.D
Acq On : 29 Dec 2023 18:28
Operator : MA/JU
Sample : 05920-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF59

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

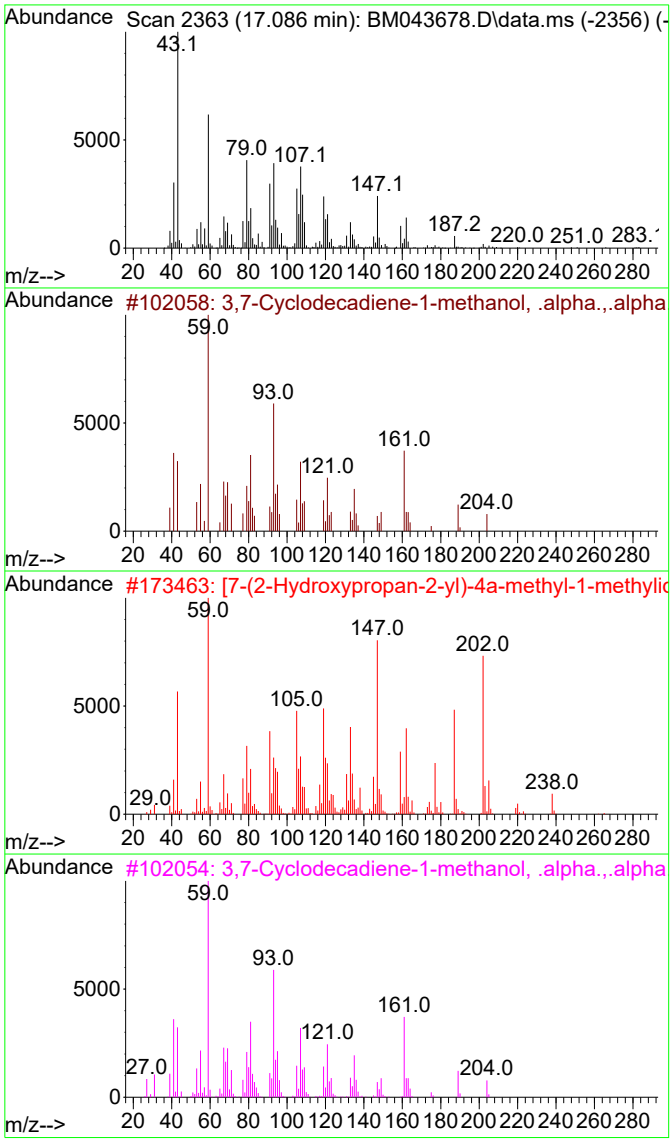
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

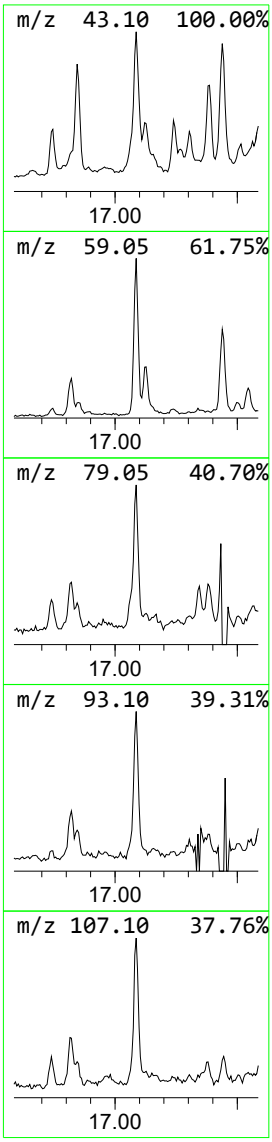
****

Peak Number 8 unknown-01 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.086	4.07 ng/ul	569902	Phenanthrene-d10	17.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,7-Cyclodecadiene-1-methanol, ...	222	C15H26O	021657-90-9	38
2	[7-(2-Hydroxypropan-2-yl)-4a-met...	280	C17H28O3	1000502-54-5	38
3	3,7-Cyclodecadiene-1-methanol, ...	222	C15H26O	021657-90-9	38
4	trans-Z-.alpha.-Bisabolene epoxide	220	C15H24O	1000131-71-1	32
5	Tricyclo[4.4.0.0(2,7)]dec-8-ene-...	220	C15H24O	041370-56-3	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122923\
Data File : BM043678.D
Acq On : 29 Dec 2023 18:28
Operator : MA/JU
Sample : 05920-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF59

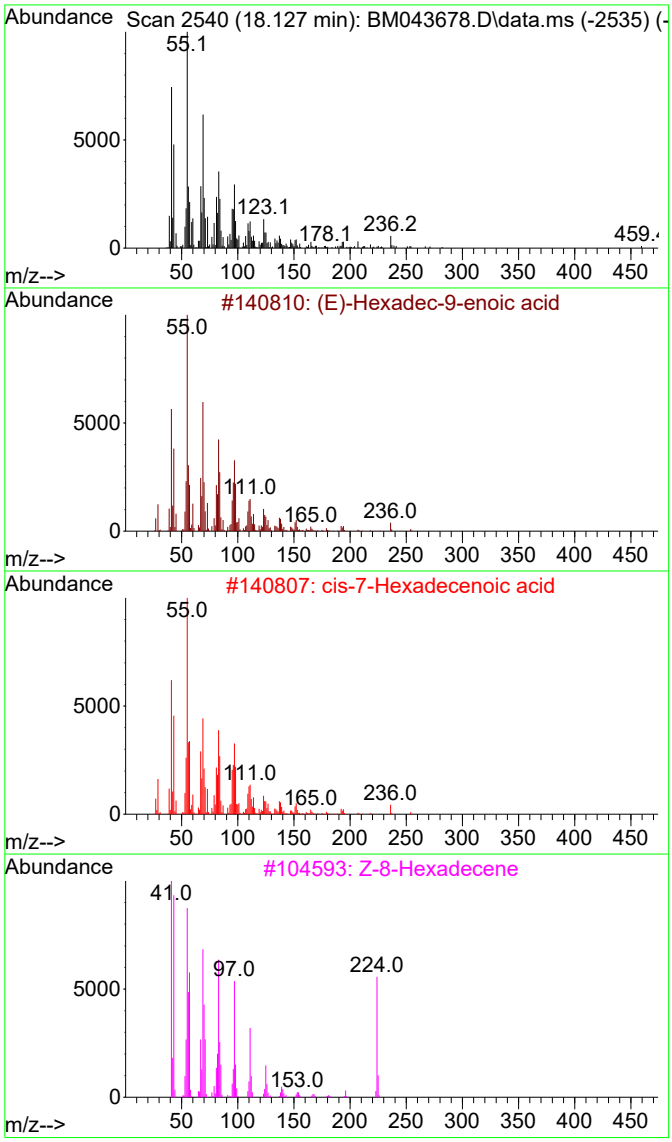
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

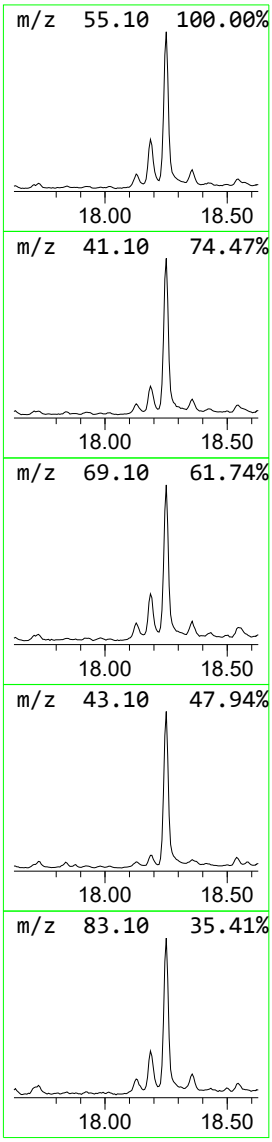
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (E)-Hexadec-9-enoic acid Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.127	3.35 ng/ul	468209	Phenanthrene-d10	17.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-Hexadec-9-enoic acid	254	C16H30O2	010030-73-6	93
2	cis-7-Hexadecenoic acid	254	C16H30O2	002416-19-5	93
3	Z-8-Hexadecene	224	C16H32	1000130-87-5	89
4	Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	86
5	14-Methylpentadec-6-enoic acid	254	C16H30O2	127486-79-7	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122923\
Data File : BM043678.D
Acq On : 29 Dec 2023 18:28
Operator : MA/JU
Sample : 05920-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF59

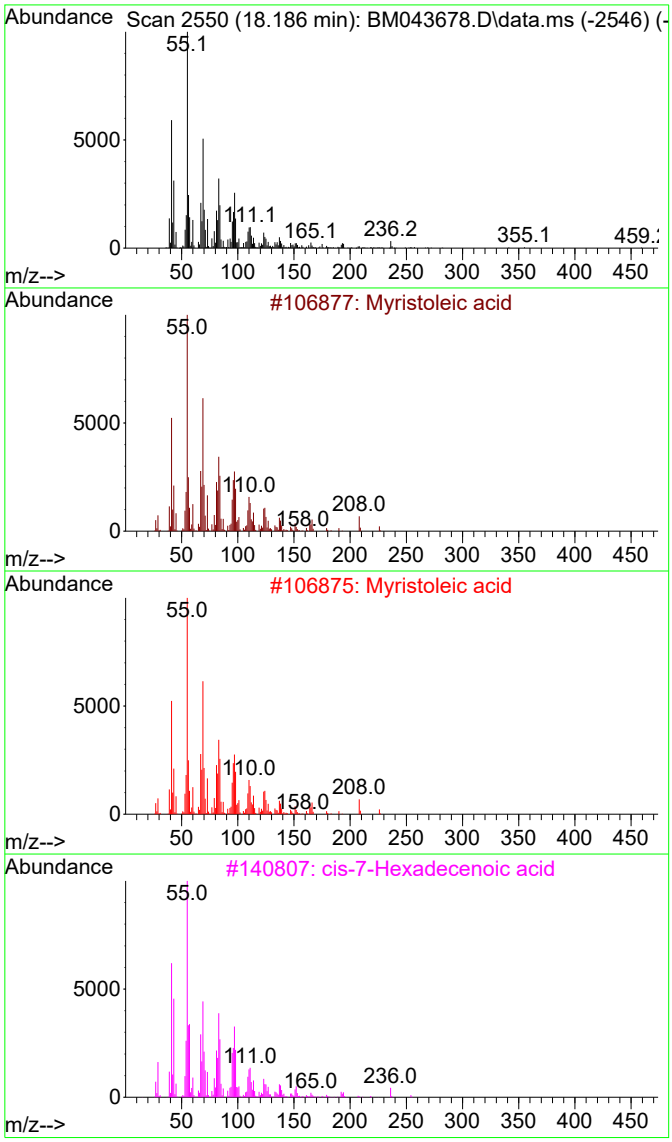
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

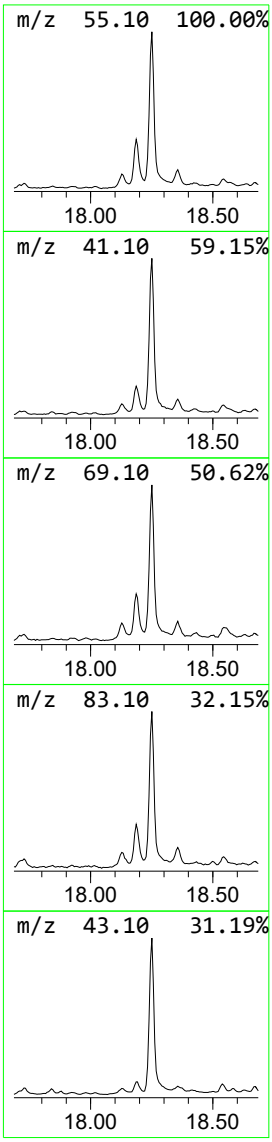
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Myristoleic acid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.186	8.29 ng/ul	1159410	Phenanthrene-d10	17.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Myristoleic acid	226	C14H26O2	000544-64-9	95
2	Myristoleic acid	226	C14H26O2	000544-64-9	95
3	cis-7-Hexadecenoic acid	254	C16H30O2	002416-19-5	95
4	cis-Vaccenic acid	282	C18H34O2	000506-17-2	95
5	Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122923\
Data File : BM043678.D
Acq On : 29 Dec 2023 18:28
Operator : MA/JU
Sample : 05920-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF59

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

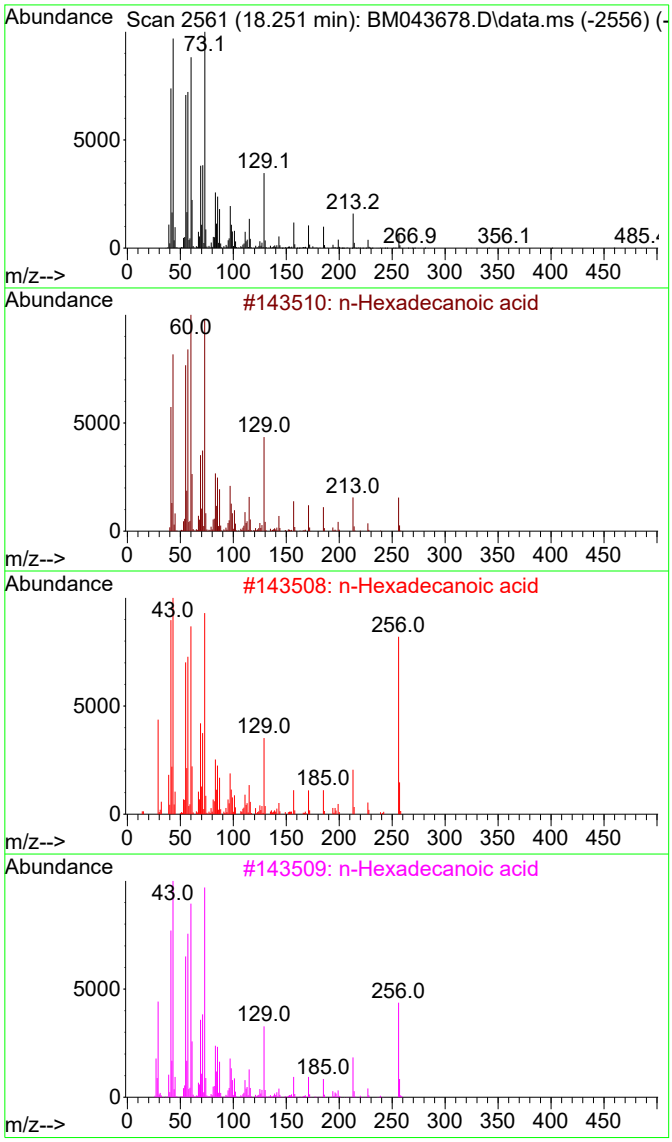
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

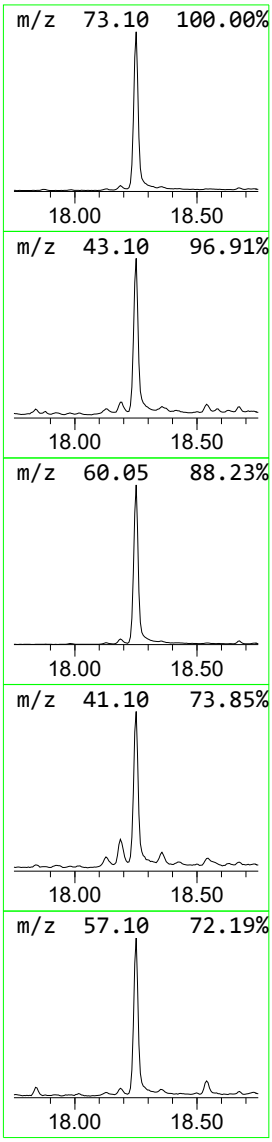
****

Peak Number 12 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.251	44.48 ng/ul	6224710	Phenanthrene-d10	17.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122923\
Data File : BM043678.D
Acq On : 29 Dec 2023 18:28
Operator : MA/JU
Sample : 05920-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF59

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

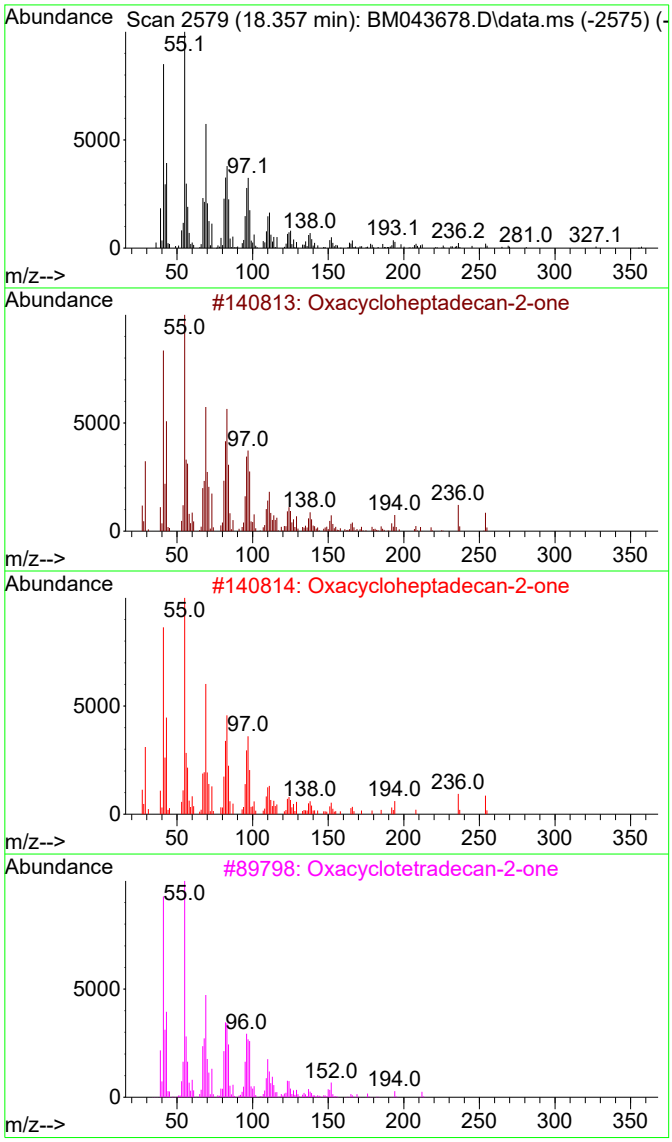
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

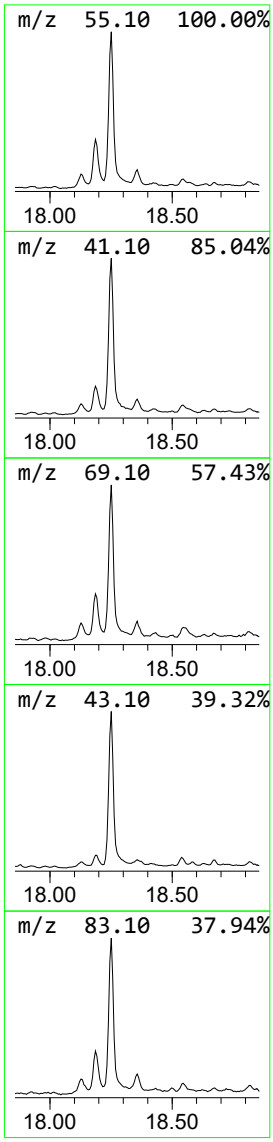
****

Peak Number 13 Oxacycloheptadecan-2-one Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.357	3.85 ng/ul	538481	Phenanthrene-d10	17.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxacycloheptadecan-2-one	254	C16H30O2	000109-29-5	95
2	Oxacycloheptadecan-2-one	254	C16H30O2	000109-29-5	95
3	Oxacyclotetradecan-2-one	212	C13H24O2	001725-04-8	93
4	Oxacyclopentadecan-2-one	226	C14H26O2	003537-83-5	93
5	Oxacyclotetradecane-2,11-dione, ...	240	C14H24O3	074685-36-2	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122923\
Data File : BM043678.D
Acq On : 29 Dec 2023 18:28
Operator : MA/JU
Sample : 05920-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF59

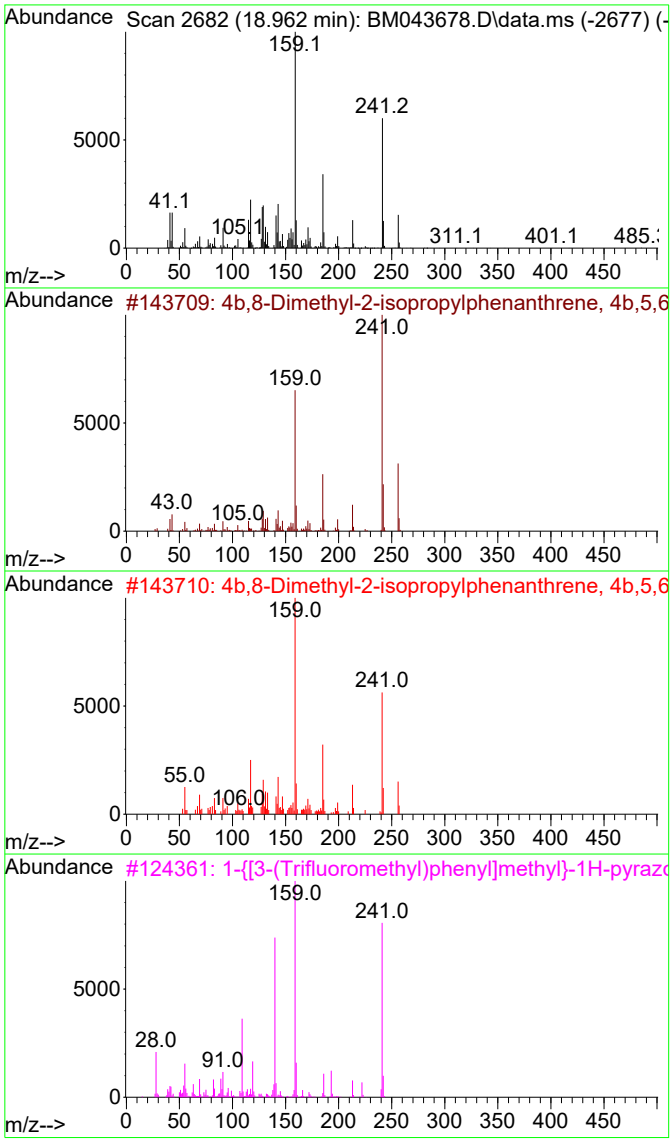
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

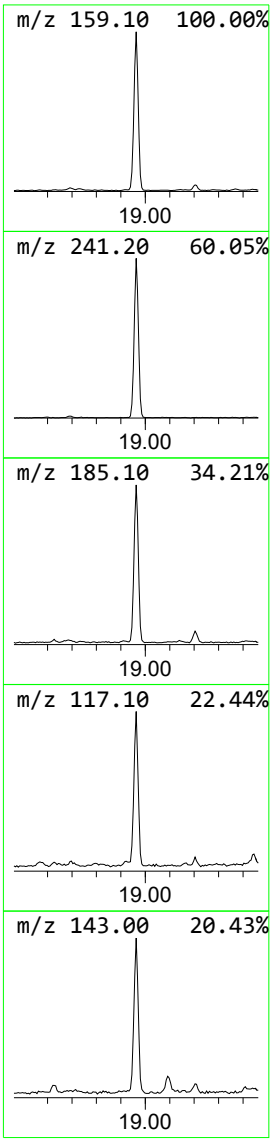
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 4b,8-Dimethyl-2-isopropylph... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.962	10.78 ng/ul	1508960	Phenanthrene-d10	17.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	97
2	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	87
3	1-{[3-(Trifluoromethyl)phenyl]me...	241	C11H10F3N3	1002033-51-3	49
4	Naphthalene, 6-ethyl-1,2,3,4-tet...	256	C19H28	301643-35-6	42
5	2(1H)-Quinolinone, hydrazone	159	C9H9N3	015793-77-8	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122923\
Data File : BM043678.D
Acq On : 29 Dec 2023 18:28
Operator : MA/JU
Sample : 05920-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF59

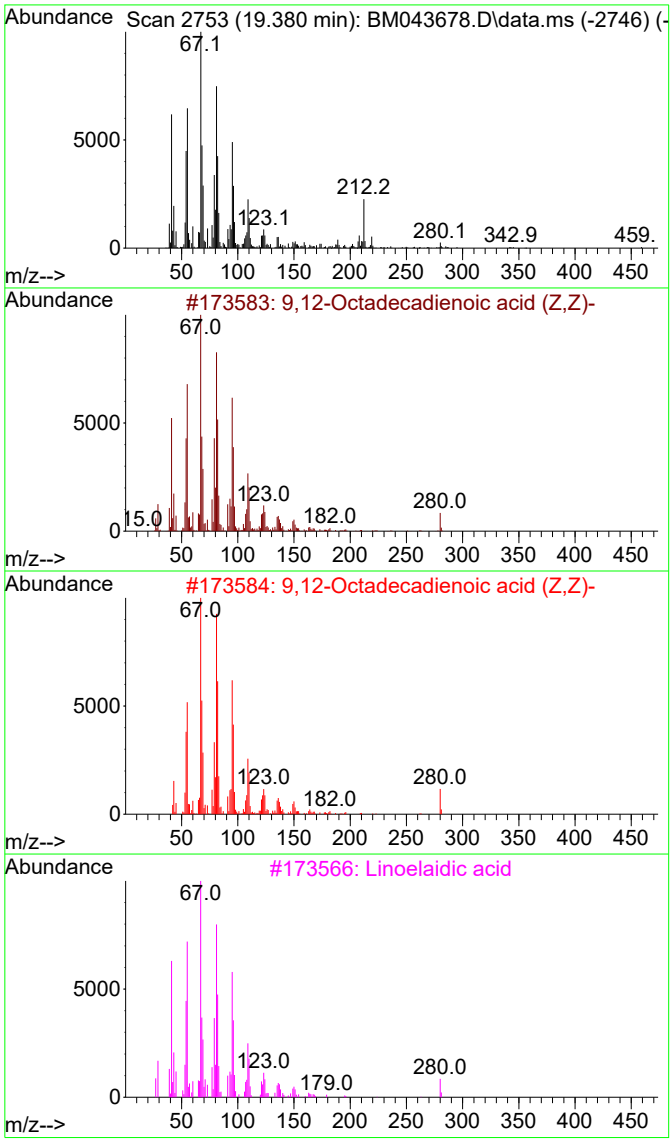
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

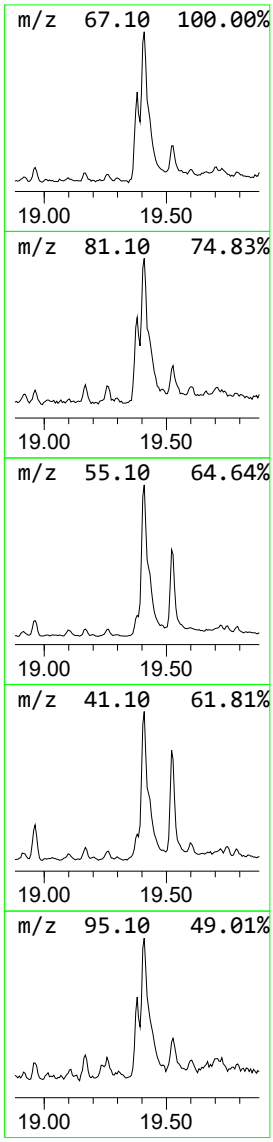
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 9,12-Octadecadienoic acid (... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.380	4.50 ng/ul	630043	Phenanthrene-d10	17.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	99
2	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	98
3	Linoelaidic acid	280	C18H32O2	000506-21-8	97
4	10E,12Z-Octadecadienoic acid	280	C18H32O2	002420-56-6	95
5	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122923\
Data File : BM043678.D
Acq On : 29 Dec 2023 18:28
Operator : MA/JU
Sample : 05920-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF59

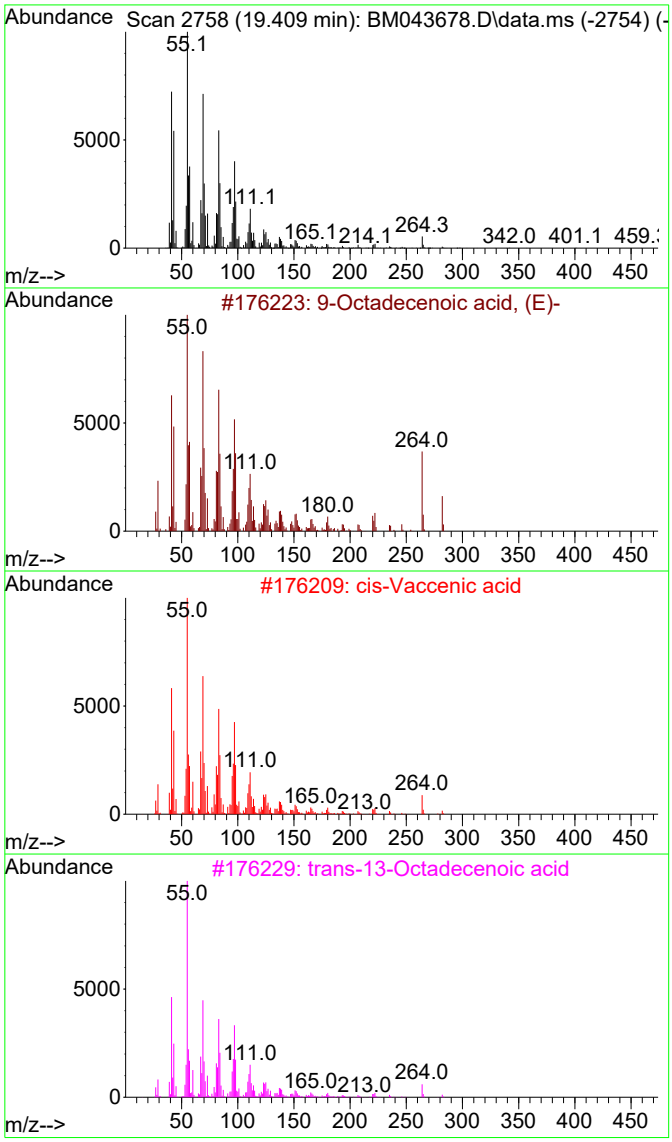
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

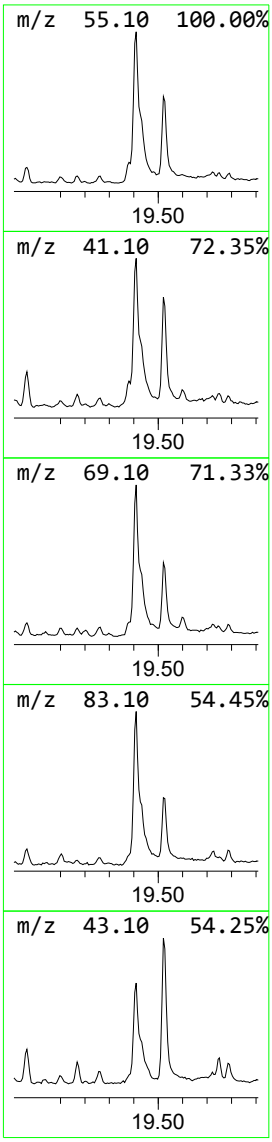
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 9-Octadecenoic acid, (E)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.410	30.21 ng/ul	4227860	Phenanthrene-d10	17.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	99
2	cis-Vaccenic acid	282	C18H34O2	000506-17-2	98
3	trans-13-Octadecenoic acid	282	C18H34O2	000693-71-0	97
4	cis-13-Octadecenoic acid	282	C18H34O2	013126-39-1	95
5	Oleic Acid	282	C18H34O2	000112-80-1	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122923\
Data File : BM043678.D
Acq On : 29 Dec 2023 18:28
Operator : MA/JU
Sample : 05920-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF59

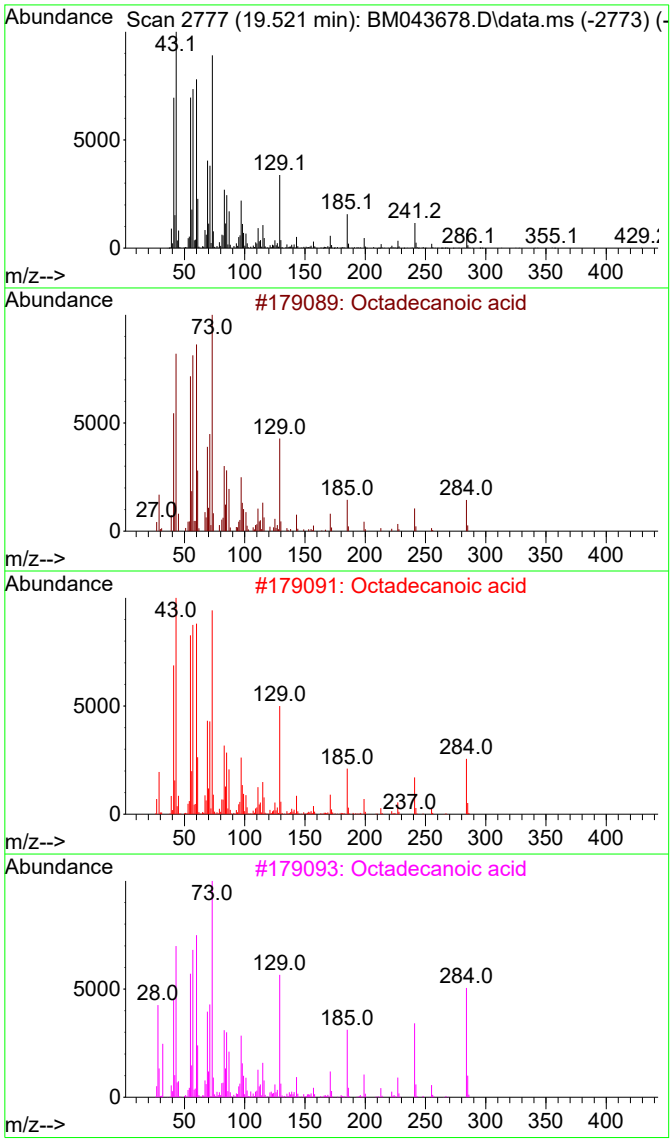
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

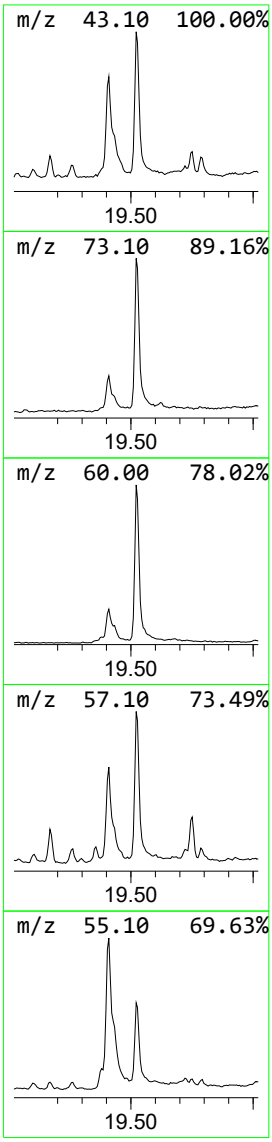
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Octadecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.521	14.35 ng/ul	2126120	Chrysene-d12	21.527

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	99
3	Octadecanoic acid	284	C18H36O2	000057-11-4	99
4	Octadecanoic acid	284	C18H36O2	000057-11-4	95
5	Octadecanoic acid	284	C18H36O2	000057-11-4	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122923\
Data File : BM043678.D
Acq On : 29 Dec 2023 18:28
Operator : MA/JU
Sample : 05920-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF59

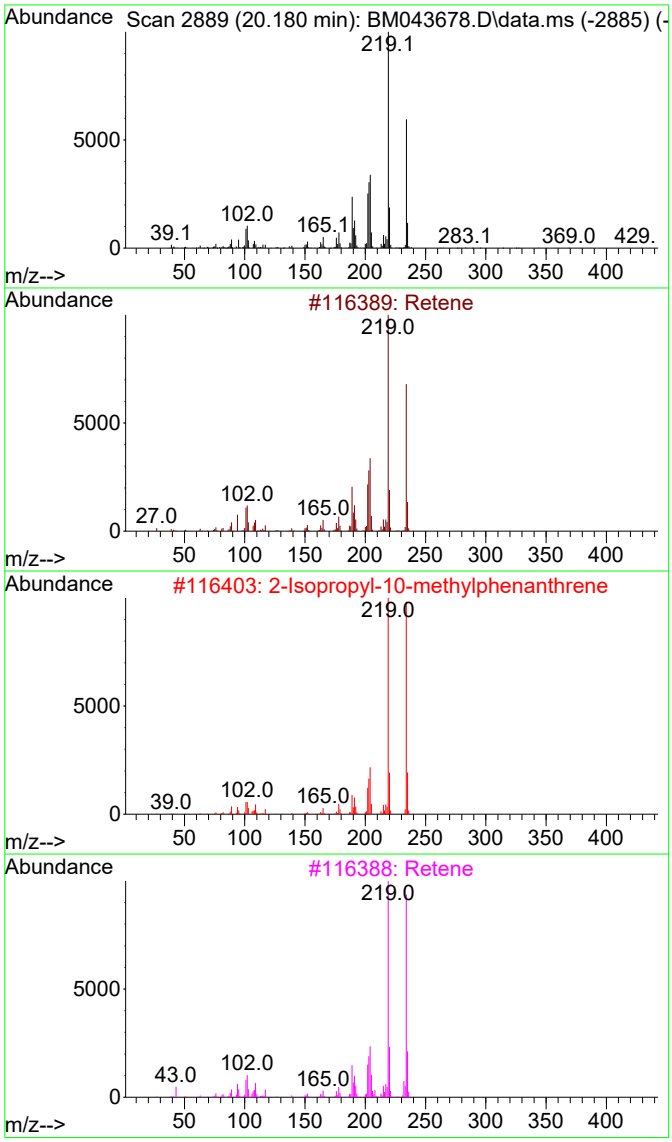
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

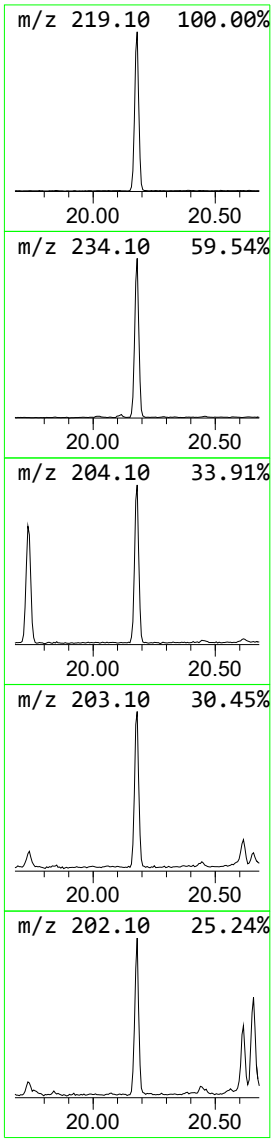
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Retene Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.180	5.46 ng/ul	809498	Chrysene-d12	21.527

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Retene	234	C18H18	000483-65-8	99
2	2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	94
3	Retene	234	C18H18	000483-65-8	93
4	Retene	234	C18H18	000483-65-8	91
5	1,4-Di-(4'-methylphenyl)buta-1,3...	234	C18H18	1000202-17-5	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122923\
Data File : BM043678.D
Acq On : 29 Dec 2023 18:28
Operator : MA/JU
Sample : 05920-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF59

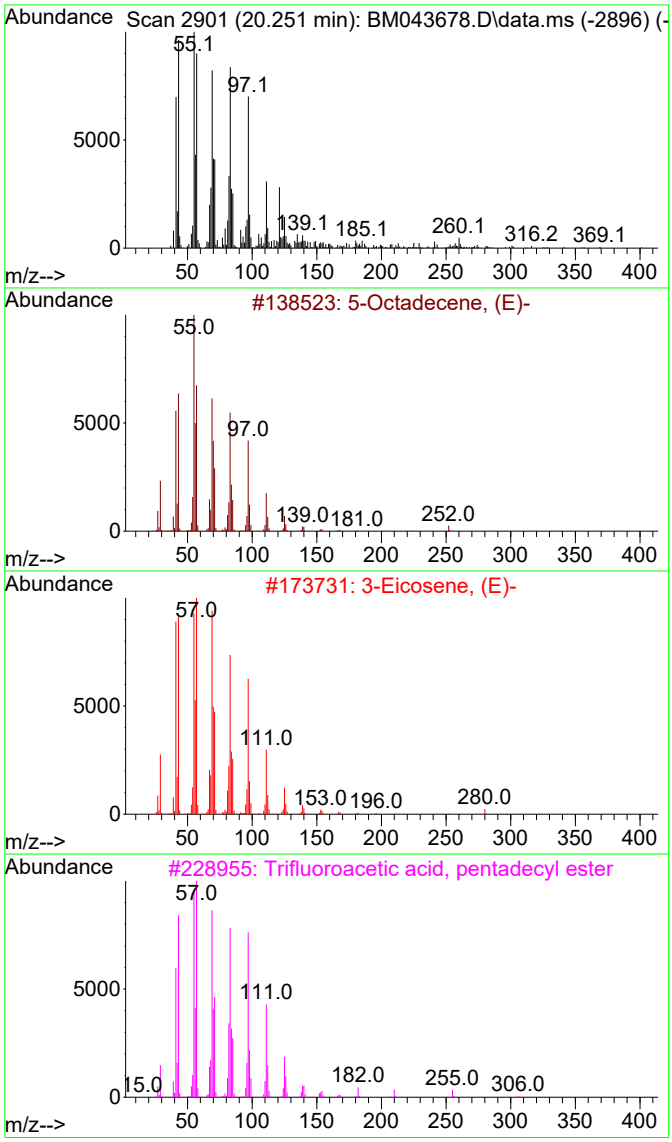
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

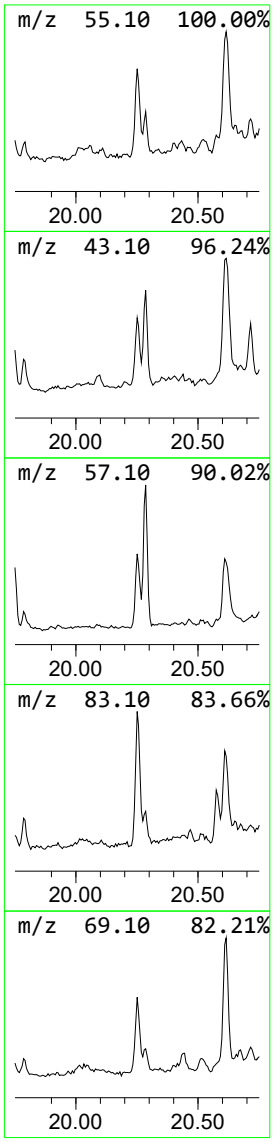
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.251	5.18 ng/ul	767261	Chrysene-d12	21.527

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Octadecene, (E)-	252	C18H36	007206-21-5	97
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	95
3	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94
4	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	94
5	1-Octadecanol	270	C18H38O	000112-92-5	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122923\
Data File : BM043678.D
Acq On : 29 Dec 2023 18:28
Operator : MA/JU
Sample : 05920-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF59

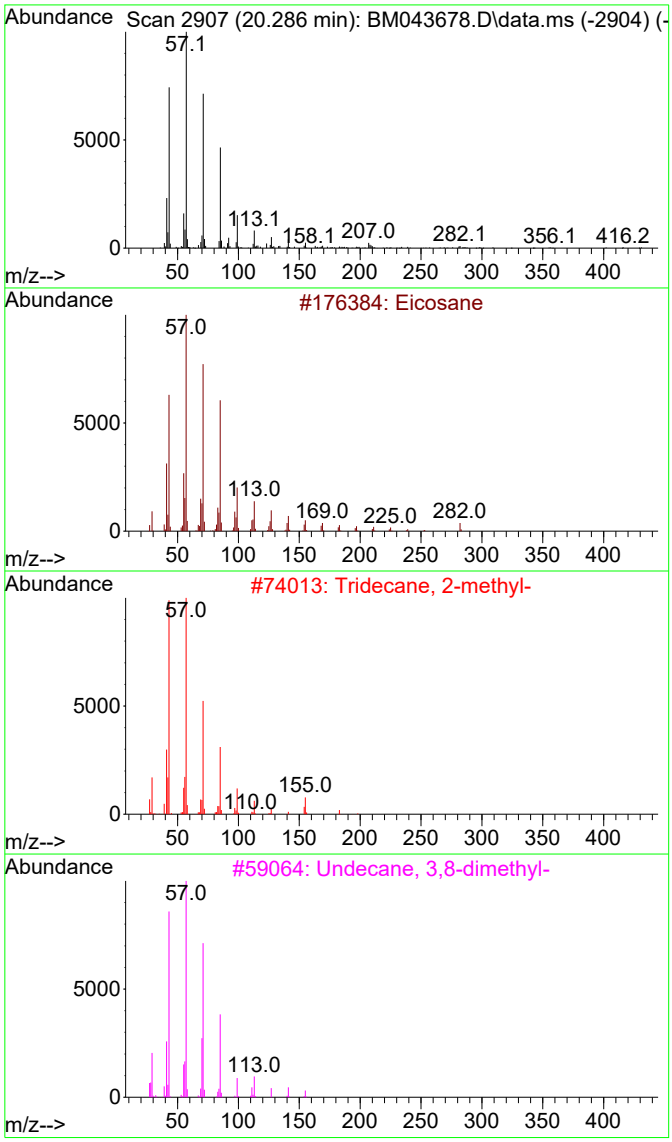
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

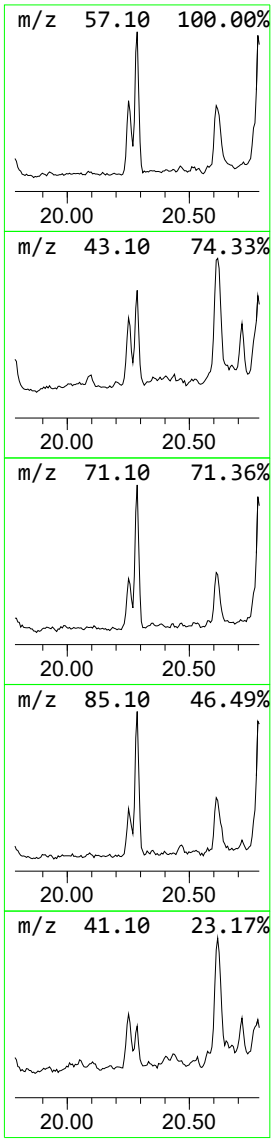
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.286	2.65 ng/ul	392586	Chrysene-d12	21.527

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	90
2	Tridecane, 2-methyl-	198	C14H30	001560-96-9	86
3	Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	86
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	78
5	Octadecane, 9-ethyl-9-heptyl-	380	C27H56	055282-27-4	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122923\
Data File : BM043678.D
Acq On : 29 Dec 2023 18:28
Operator : MA/JU
Sample : 05920-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF59

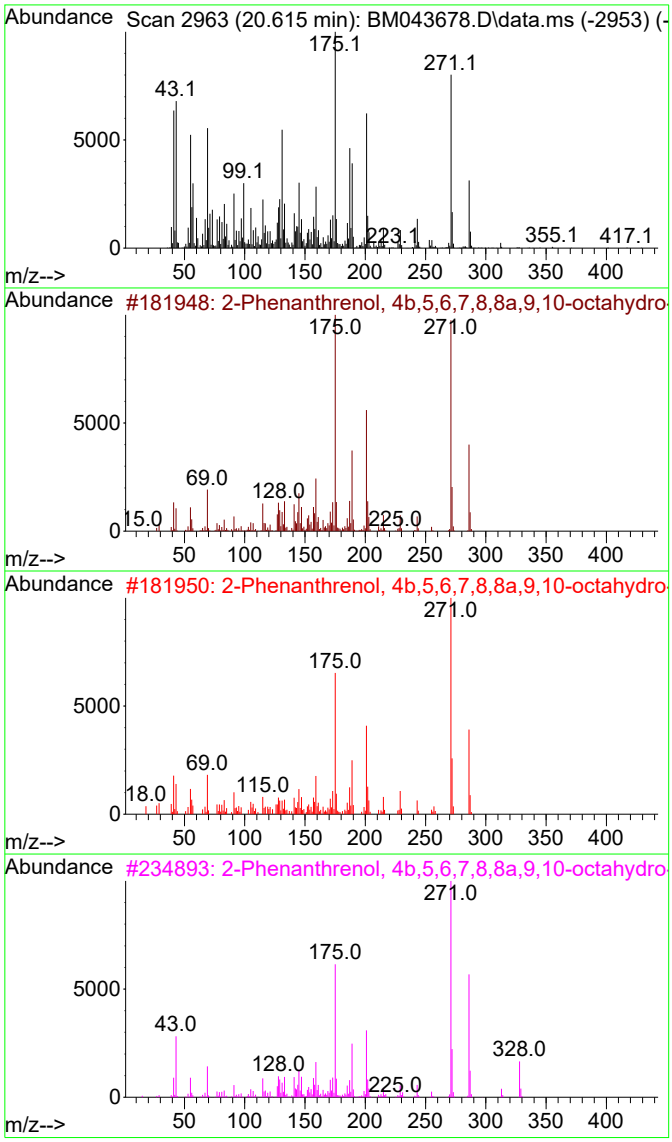
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

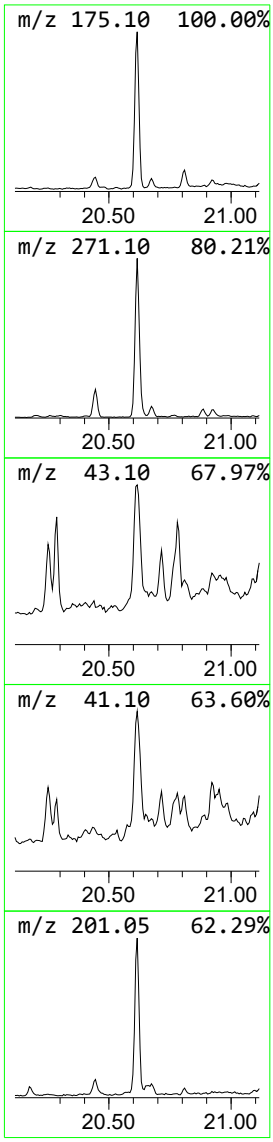
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 2-Phenanthrenol, 4b,5,6,7,8... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.615	23.97 ng/ul	3551590	Chrysene-d12	21.527

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenanthrenol, 4b,5,6,7,8,8a,9...	286	C20H30O	000511-15-9	98
2	2-Phenanthrenol, 4b,5,6,7,8,8a,9...	286	C20H30O	000511-15-9	90
3	2-Phenanthrenol, 4b,5,6,7,8,8a,9...	328	C22H32O2	015340-82-6	76
4	13-Isopropylpodocarpen-12-ol-20-al	300	C20H28O2	024035-37-8	38
5	Pyrrolidine, 1-[5-(1,3-benzodiox...	271	C16H17NO3	025924-78-1	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122923\
Data File : BM043678.D
Acq On : 29 Dec 2023 18:28
Operator : MA/JU
Sample : 05920-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF59

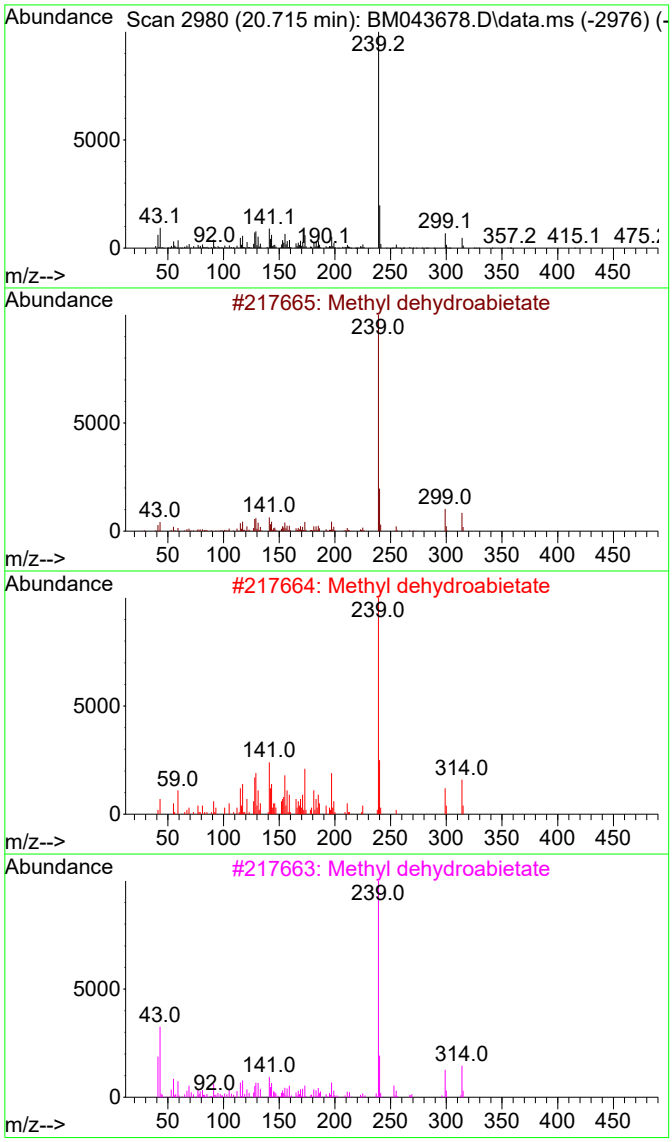
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

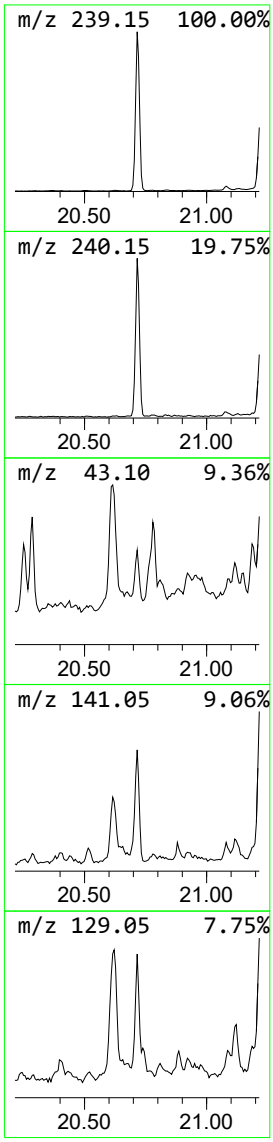
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 Methyl dehydroabietate Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.715	7.97 ng/ul	1180780	Chrysene-d12	21.527

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl dehydroabietate	314	C21H30O2	001235-74-1	95
2	Methyl dehydroabietate	314	C21H30O2	001235-74-1	93
3	Methyl dehydroabietate	314	C21H30O2	001235-74-1	90
4	9,10-Anthracenedione, 2-amino-3-...	239	C14H9NO3	000117-77-1	58
5	4-(4-Oxo-1,2,3,4,6,7,12,12b-octa...	326	C19H22N2O3	1000137-91-1	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122923\
Data File : BM043678.D
Acq On : 29 Dec 2023 18:28
Operator : MA/JU
Sample : 05920-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF59

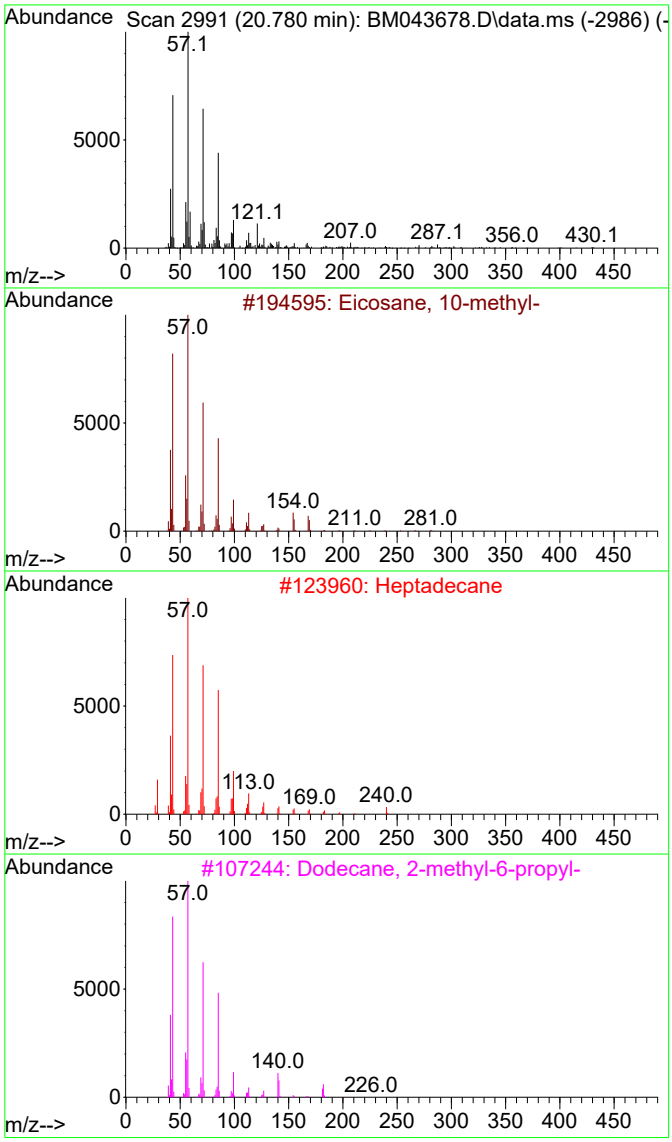
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

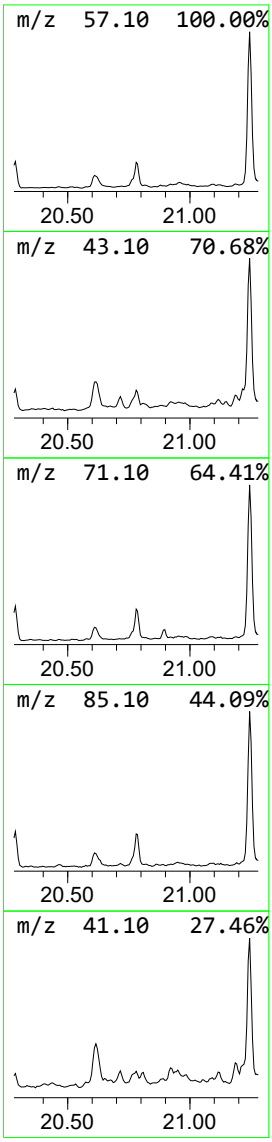
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.780	3.97 ng/ul	588138	Chrysene-d12	21.527

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 10-methyl-	296	C21H44	054833-23-7	89
2	Heptadecane	240	C17H36	000629-78-7	76
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	76
4	Octadecane	254	C18H38	000593-45-3	68
5	Octacosane	394	C28H58	000630-02-4	68





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122923\
Data File : BM043678.D
Acq On : 29 Dec 2023 18:28
Operator : MA/JU
Sample : 05920-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF59

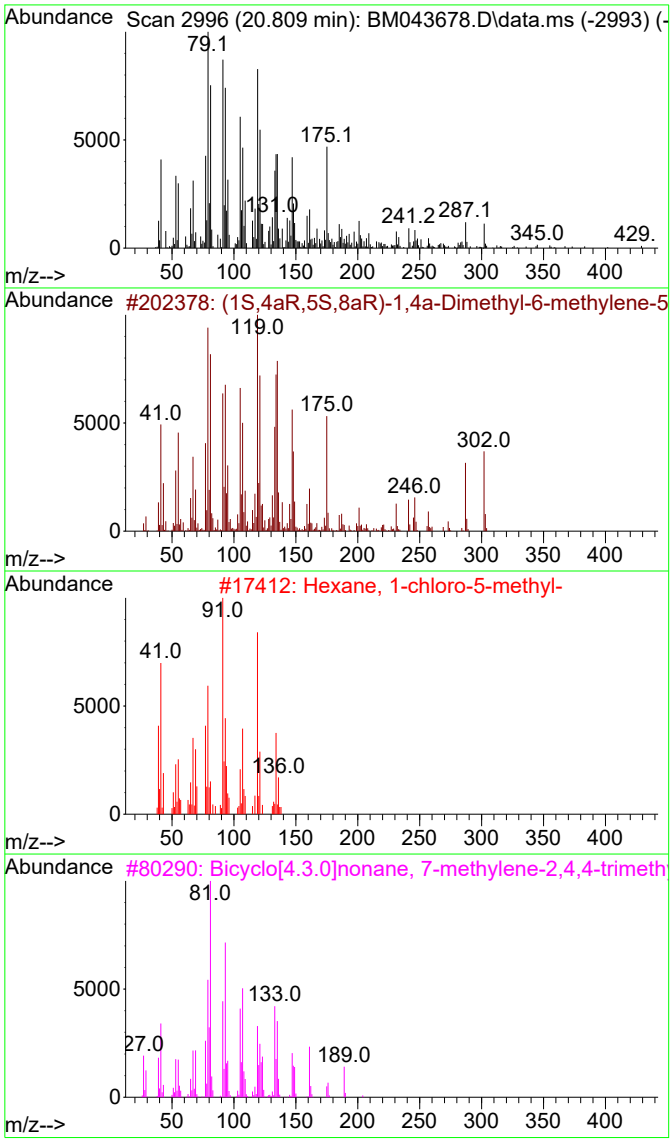
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

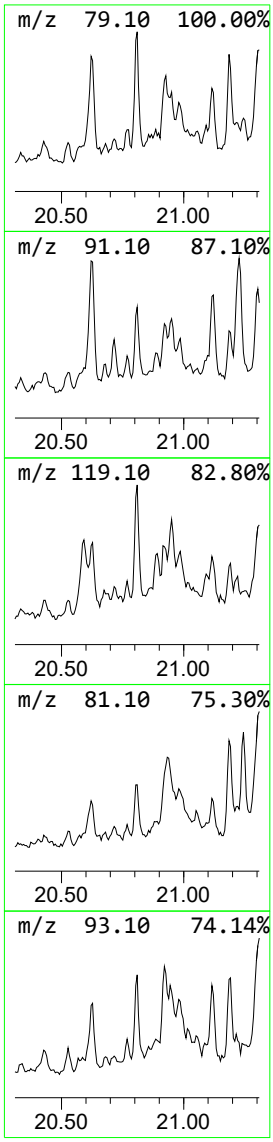
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 (1S,4aR,5S,8aR)-1,4a-Dimeth... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.809	3.84 ng/ul	568468	Chrysene-d12	21.527

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1S,4aR,5S,8aR)-1,4a-Dimethyl-6-...	302	C20H30O2	002761-77-5	97
2	Hexane, 1-chloro-5-methyl-	134	C7H15Cl	033240-56-1	38
3	Bicyclo[4.3.0]nonane, 7-methylen...	204	C15H24	1000156-11-9	38
4	3-Methylene-1,6-heptadiene	108	C8H12	016626-48-5	35
5	4-Hexadecen-6-yne, (Z)-	220	C16H28	074744-54-0	30





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122923\
Data File : BM043678.D
Acq On : 29 Dec 2023 18:28
Operator : MA/JU
Sample : 05920-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF59

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

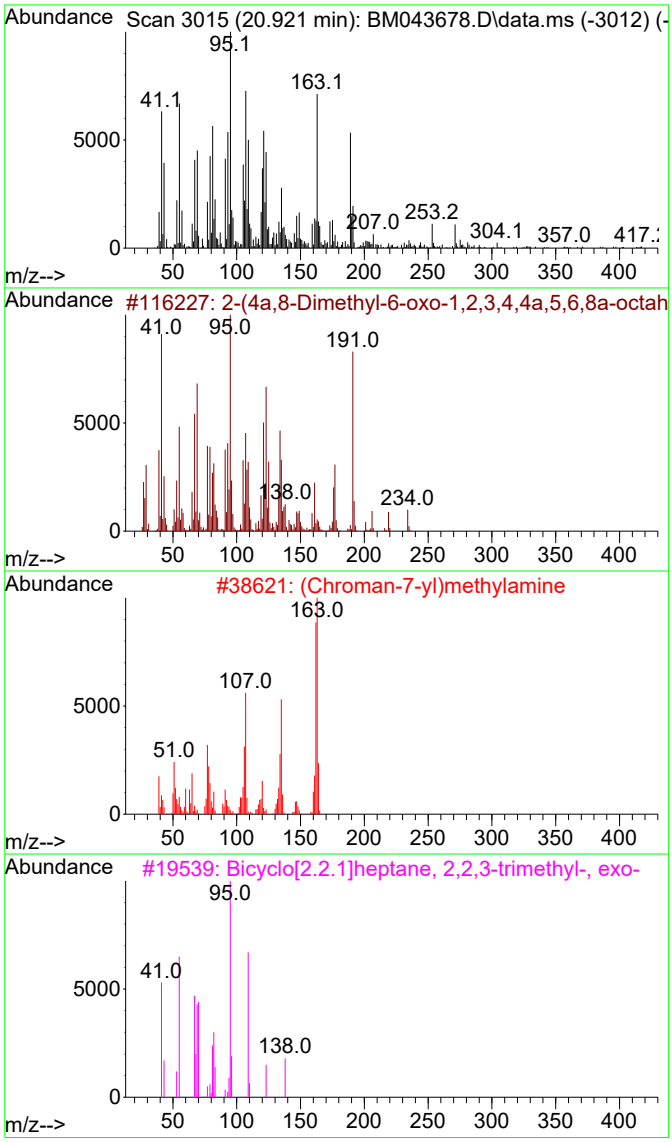
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

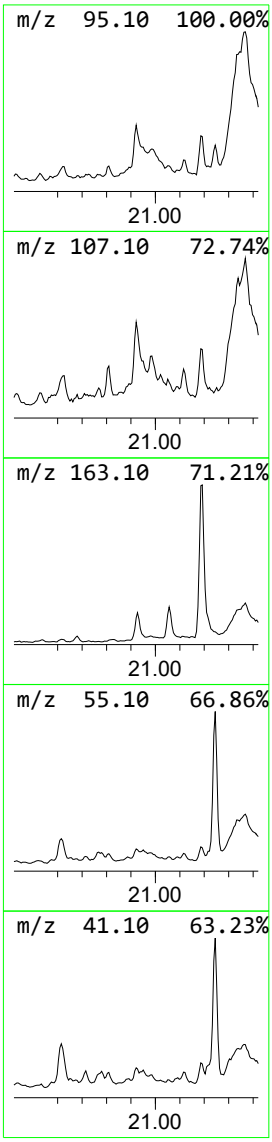
****

Peak Number 27 unknown-02 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.921	5.64 ng/ul	836075	Chrysene-d12	21.527

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(4a,8-Dimethyl-6-oxo-1,2,3,4,4...	234	C15H22O2	1000190-21-8	46
2	(Chroman-7-yl)methylamine	163	C10H13NO	1000306-69-6	25
3	Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	020536-41-8	25
4	Cyclohexane, 1,2-dimethyl-3,5-bi...	192	C14H24	062337-99-9	25
5	1,4-Methanophthalazine, 1,4,4a,5...	206	C13H22N2	109746-14-7	22





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122923\
Data File : BM043678.D
Acq On : 29 Dec 2023 18:28
Operator : MA/JU
Sample : 05920-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF59

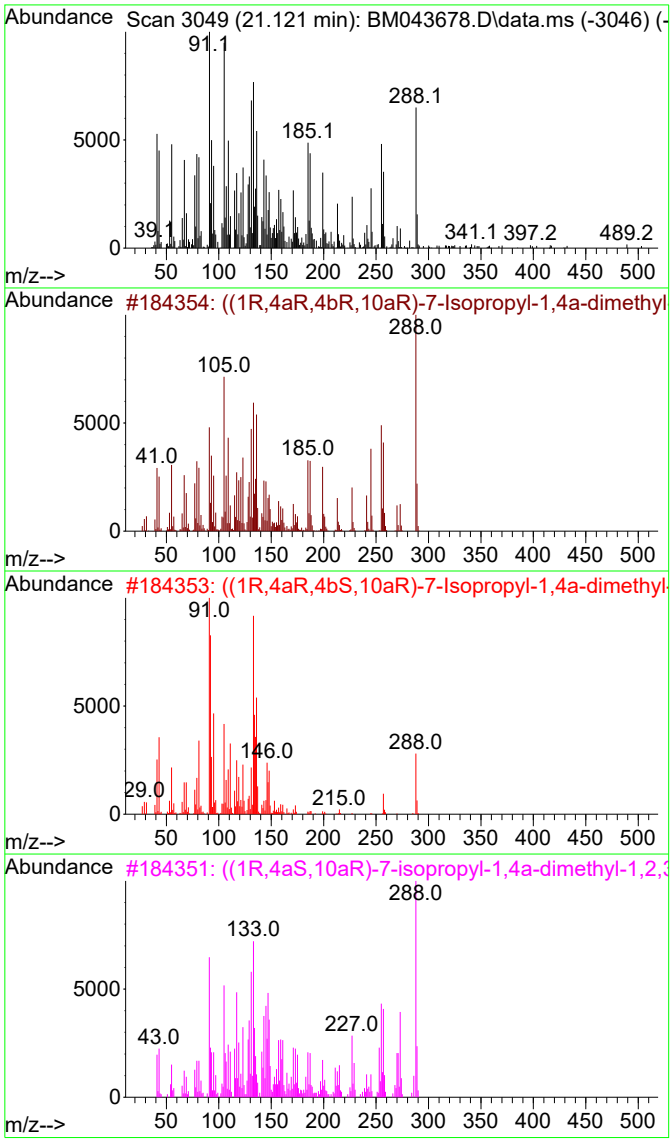
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

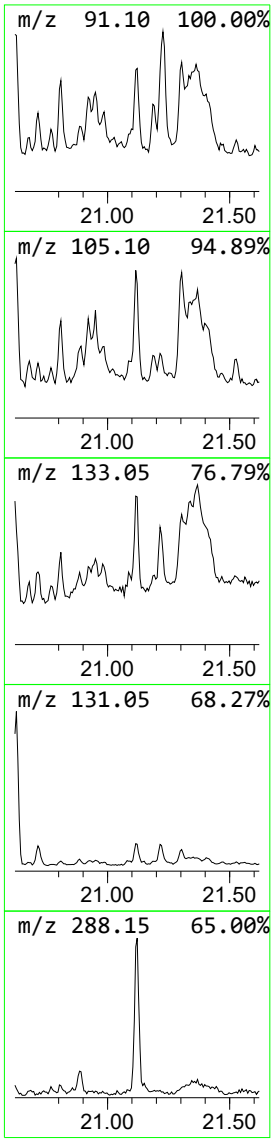
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 ((1R,4aR,4bR,10aR)-7-Isopro... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.121	5.42 ng/ul	802889	Chrysene-d12	21.527

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	((1R,4aR,4bR,10aR)-7-Isopropyl-1...	288	C20H32O	000666-84-2	81
2	((1R,4aR,4bS,10aR)-7-Isopropyl-1...	288	C20H32O	097640-46-5	51
3	((1R,4aS,10aR)-7-isopropyl-1,4a-...	288	C20H32O	1000439-86-6	22
4	3-Cyanophenyl-.beta.-phenylpropi...	251	C16H13NO2	040123-39-5	15
5	3-Hydroxy-10,13-dimethyl-1,2,3,6...	288	C19H28O2	1000496-48-2	15





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122923\
Data File : BM043678.D
Acq On : 29 Dec 2023 18:28
Operator : MA/JU
Sample : 05920-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF59

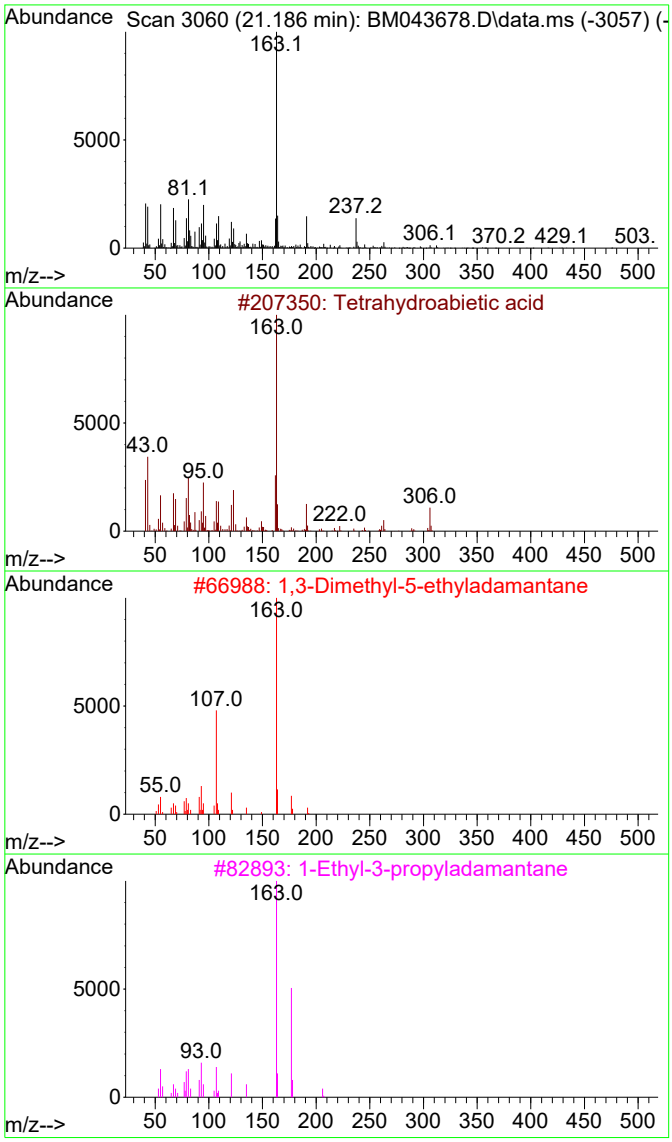
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

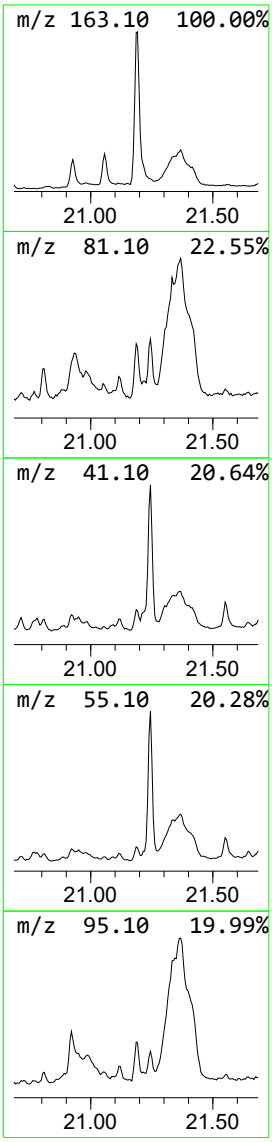
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 Tetrahydroabietic acid Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.186	7.92 ng/ul	1173390	Chrysene-d12	21.527

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetrahydroabietic acid	306	C20H34O2	1000251-96-9	55
2	1,3-Dimethyl-5-ethyladamantane	192	C14H24	001687-35-0	53
3	1-Ethyl-3-propyladamantane	206	C15H26	019385-94-5	50
4	Phenol, 2,4-bis(1-methylethyl)-	178	C12H18O	002934-05-6	47
5	Propanal, 2-(4-ethoxyphenyl)-2-m...	192	C12H16O2	093622-71-0	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122923\
Data File : BM043678.D
Acq On : 29 Dec 2023 18:28
Operator : MA/JU
Sample : 05920-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF59

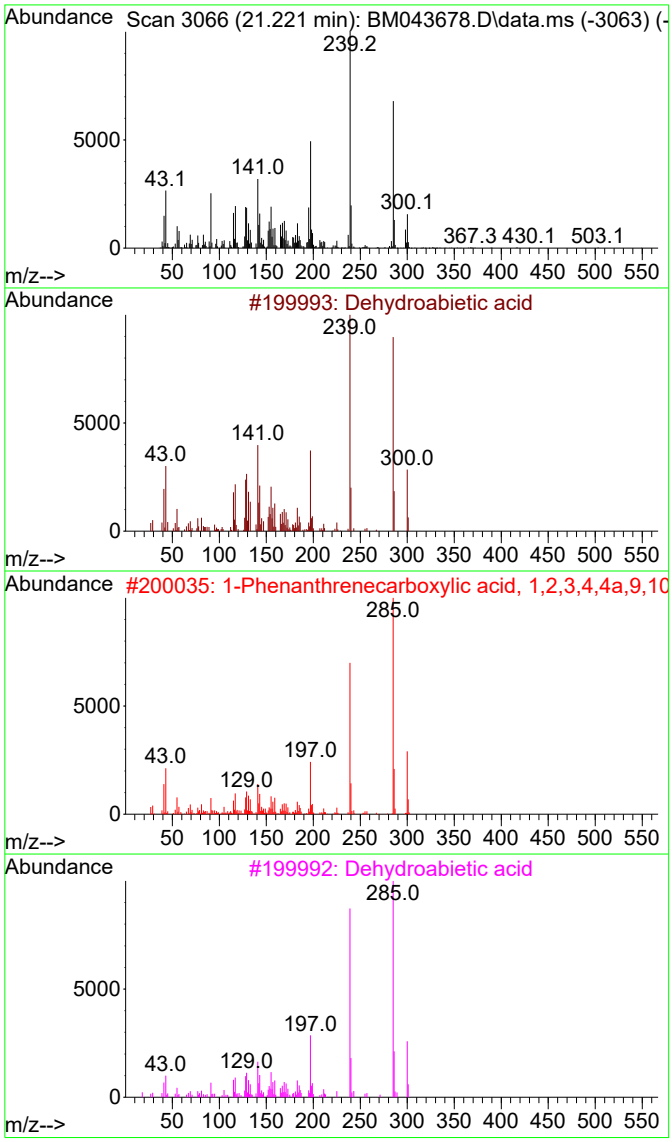
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

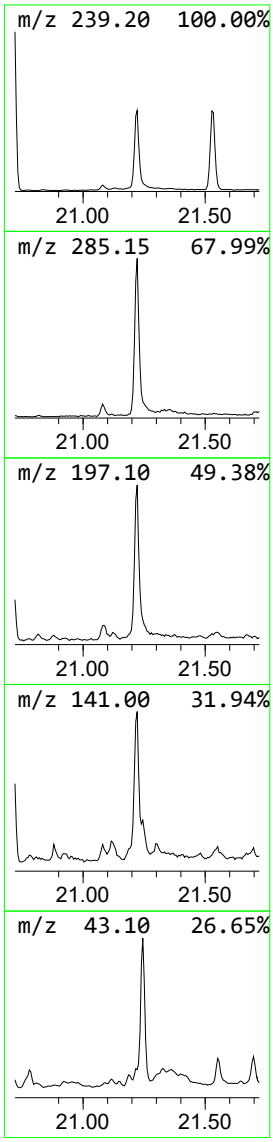
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 Dehydroabietic acid Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.221	5.91 ng/ul	876158	Chrysene-d12	21.527

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dehydroabietic acid	300	C20H28O2	001740-19-8	99
2	1-Phenanthrenecarboxylic acid, 1...	300	C20H28O2	005155-70-4	97
3	Dehydroabietic acid	300	C20H28O2	001740-19-8	92
4	Dehydroabietic acid	300	C20H28O2	001740-19-8	91
5	Dehydroabietic acid	300	C20H28O2	001740-19-8	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122923\
Data File : BM043678.D
Acq On : 29 Dec 2023 18:28
Operator : MA/JU
Sample : 05920-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF59

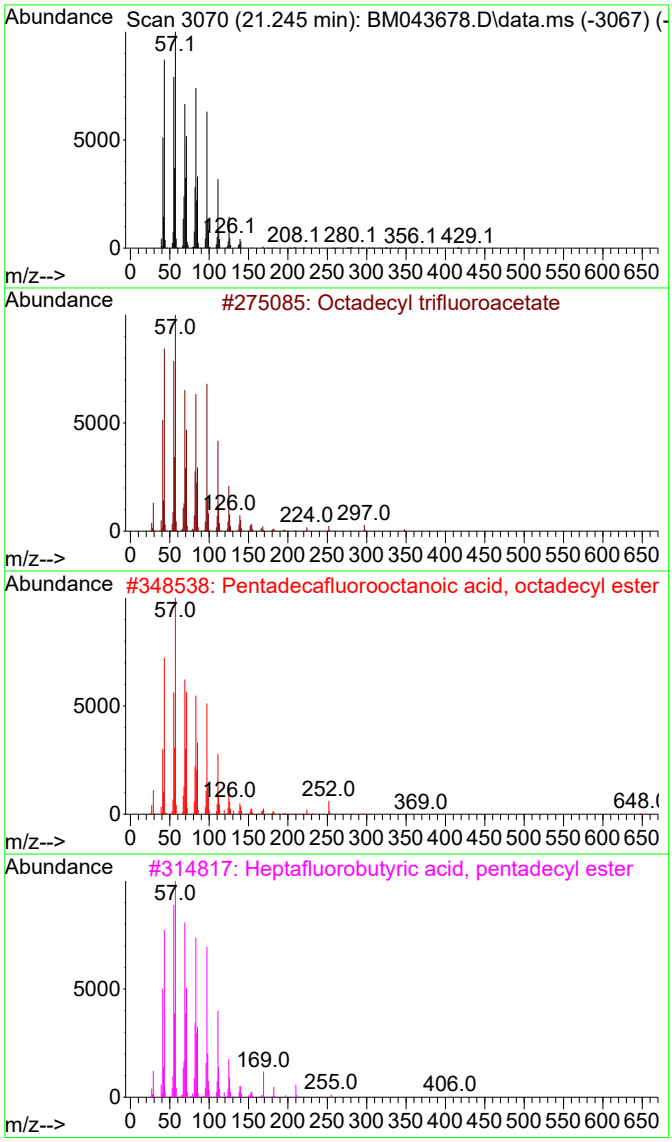
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

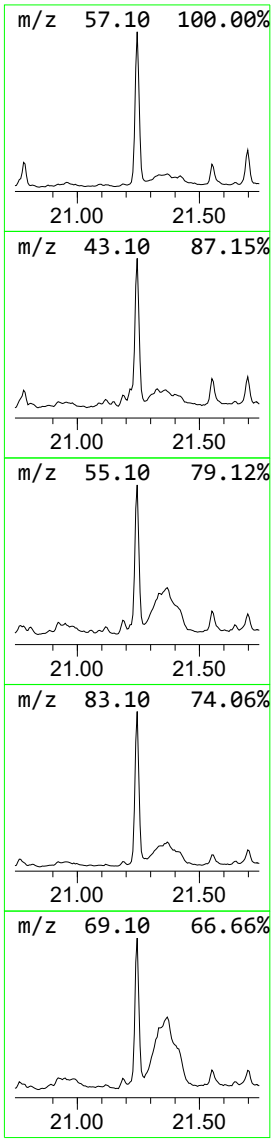
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 Octadecyl trifluoroacetate Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.245	27.74 ng/ul	4109100	Chrysene-d12	21.527

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	94
2	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	93
3	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	91
4	2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	91
5	1-Hexacosanol	382	C26H54O	000506-52-5	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122923\
Data File : BM043678.D
Acq On : 29 Dec 2023 18:28
Operator : MA/JU
Sample : 05920-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF59

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

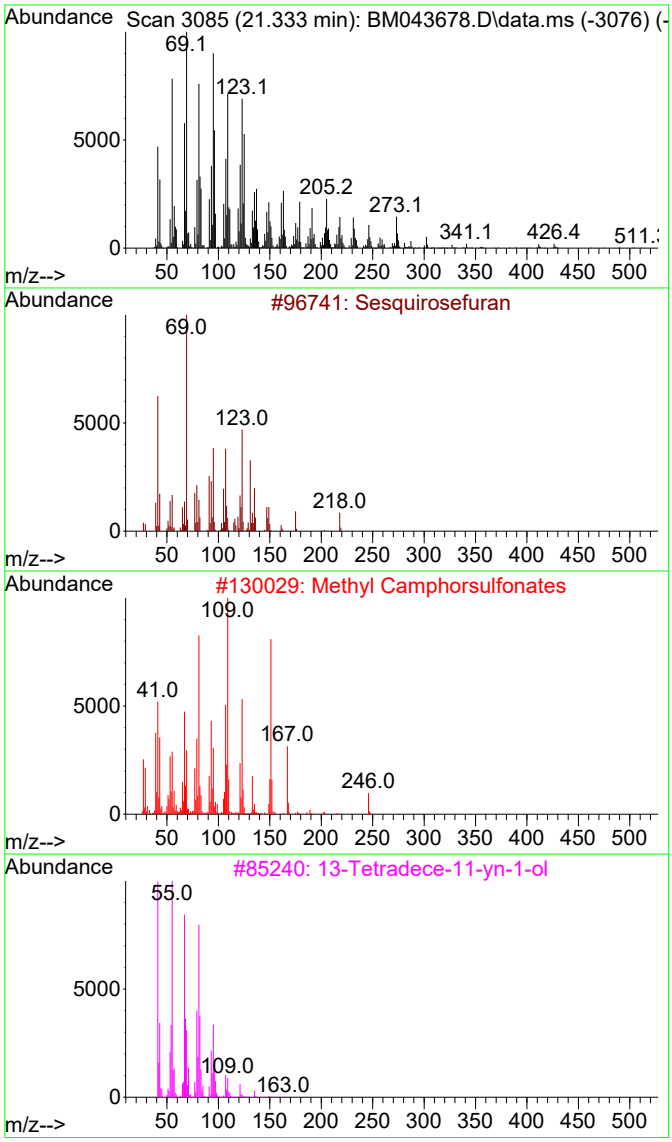
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

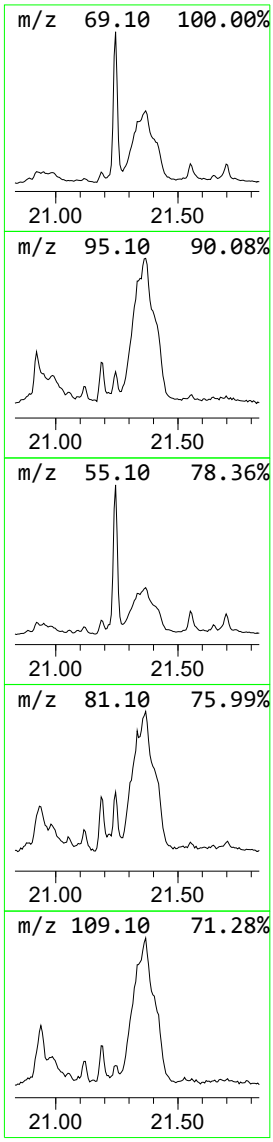
****

Peak Number 32 Sesquirosefuran Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.333	23.16 ng/ul	3431360	Chrysene-d12	21.527

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sesquirosefuran	218	C15H22O	039007-93-7	80
2	Methyl Camphorsulfonates	246	C11H18O4S	046471-67-4	66
3	13-Tetradece-11-yn-1-ol	208	C14H24O	1000131-00-4	64
4	Friedelan-3-one	426	C30H50O	000559-74-0	62
5	3-Cyclopentylpropionic acid, but...	194	C12H18O2	1000292-46-4	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122923\
Data File : BM043678.D
Acq On : 29 Dec 2023 18:28
Operator : MA/JU
Sample : 05920-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF59

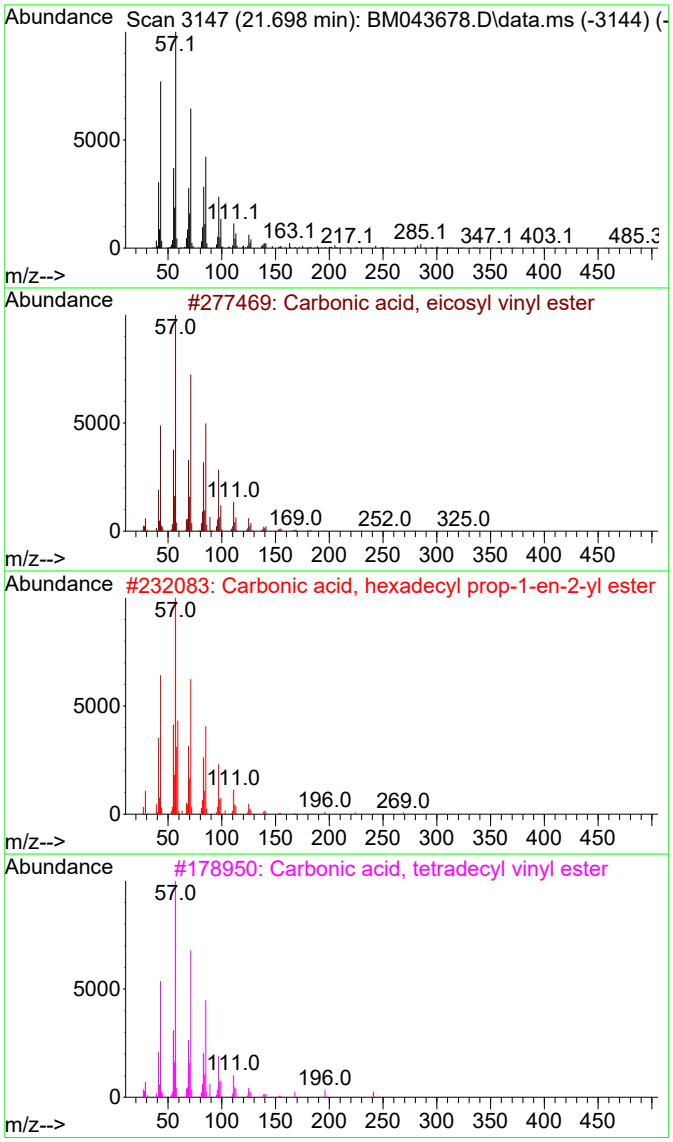
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

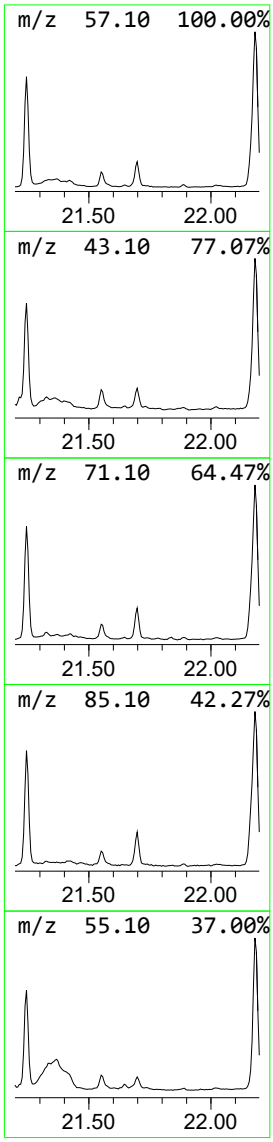
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 Carbonic acid, eicosyl viny... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.698	3.96 ng/ul	586698	Chrysene-d12	21.527

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	91
2	Carbonic acid, hexadecyl prop-1-...	326	C20H38O3	1000382-90-3	91
3	Carbonic acid, tetradecyl vinyl ...	284	C17H32O3	1000382-54-5	91
4	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	90
5	Carbonic acid, octadecyl vinyl e...	340	C21H40O3	1000382-54-4	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122923\
Data File : BM043678.D
Acq On : 29 Dec 2023 18:28
Operator : MA/JU
Sample : 05920-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF59

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

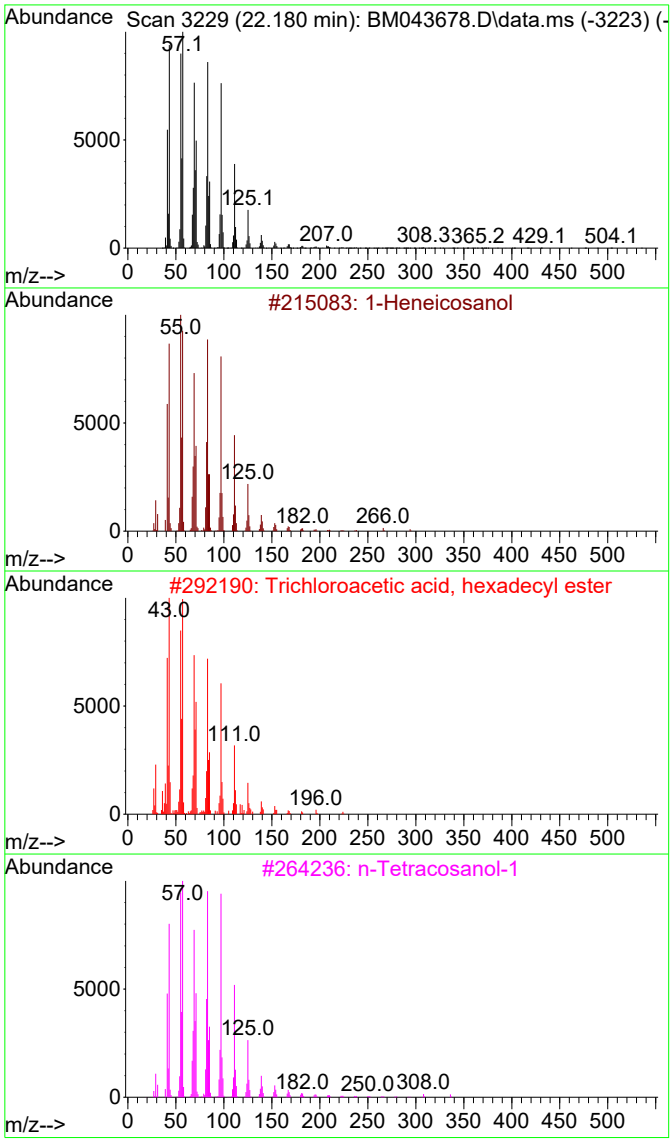
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

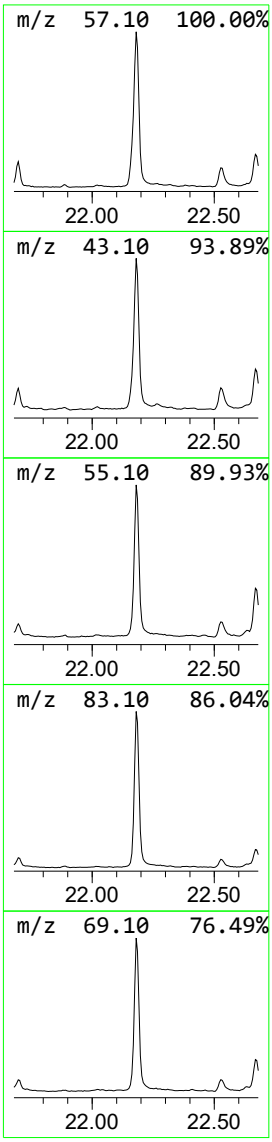
****

Peak Number 34 1-Heneicosanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.180	56.45 ng/ul	8363660	Chrysene-d12	21.527

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
4	1-Tetracosene	336	C24H48	010192-32-2	94
5	1-Hexacosene	364	C26H52	018835-33-1	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122923\
Data File : BM043678.D
Acq On : 29 Dec 2023 18:28
Operator : MA/JU
Sample : 05920-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF59

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

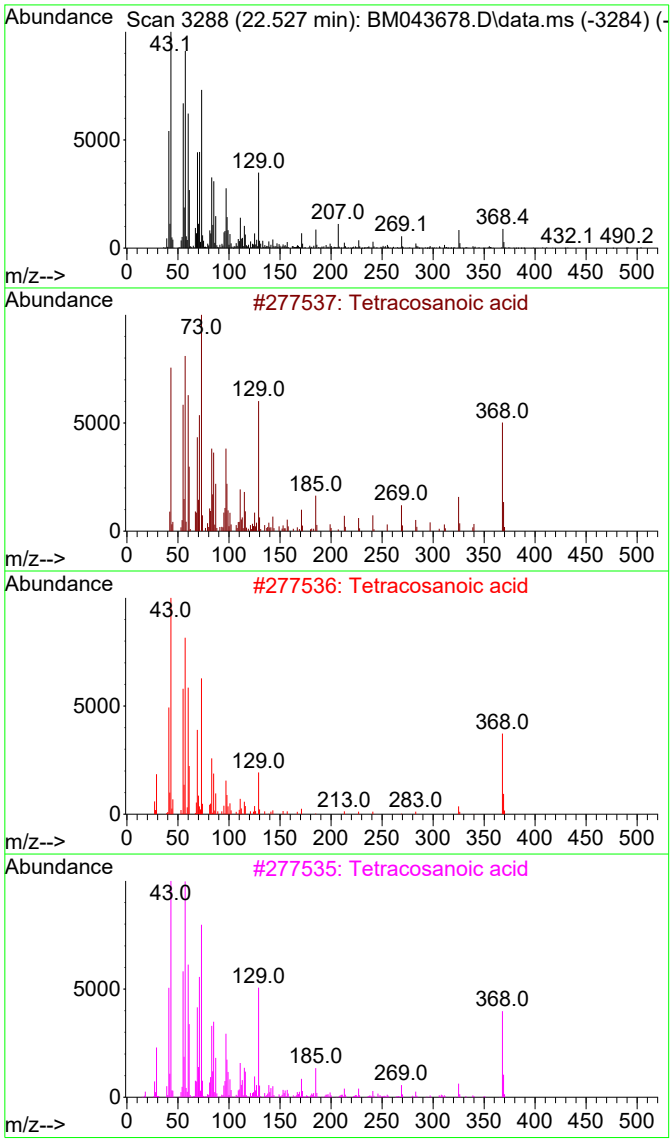
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

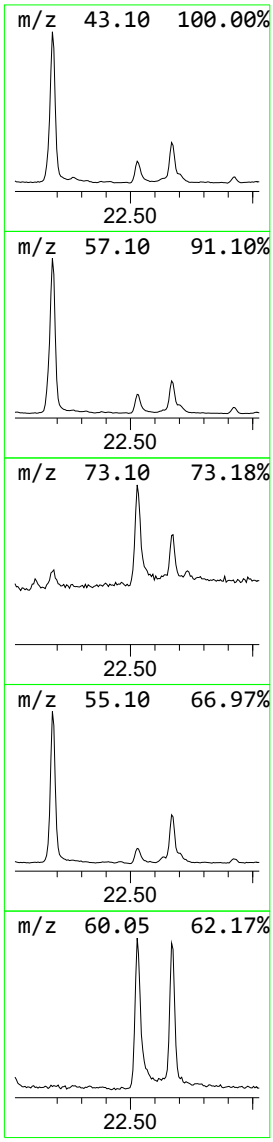
****

Peak Number 35 Tetracosanoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.527	10.40 ng/ul	1540940	Chrysene-d12	21.527

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosanoic acid	368	C24H48O2	000557-59-5	99
2	Tetracosanoic acid	368	C24H48O2	000557-59-5	99
3	Tetracosanoic acid	368	C24H48O2	000557-59-5	98
4	Heneicosanoic acid	326	C21H42O2	002363-71-5	97
5	Octadecanoic acid	284	C18H36O2	000057-11-4	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122923\
Data File : BM043678.D
Acq On : 29 Dec 2023 18:28
Operator : MA/JU
Sample : 05920-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF59

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

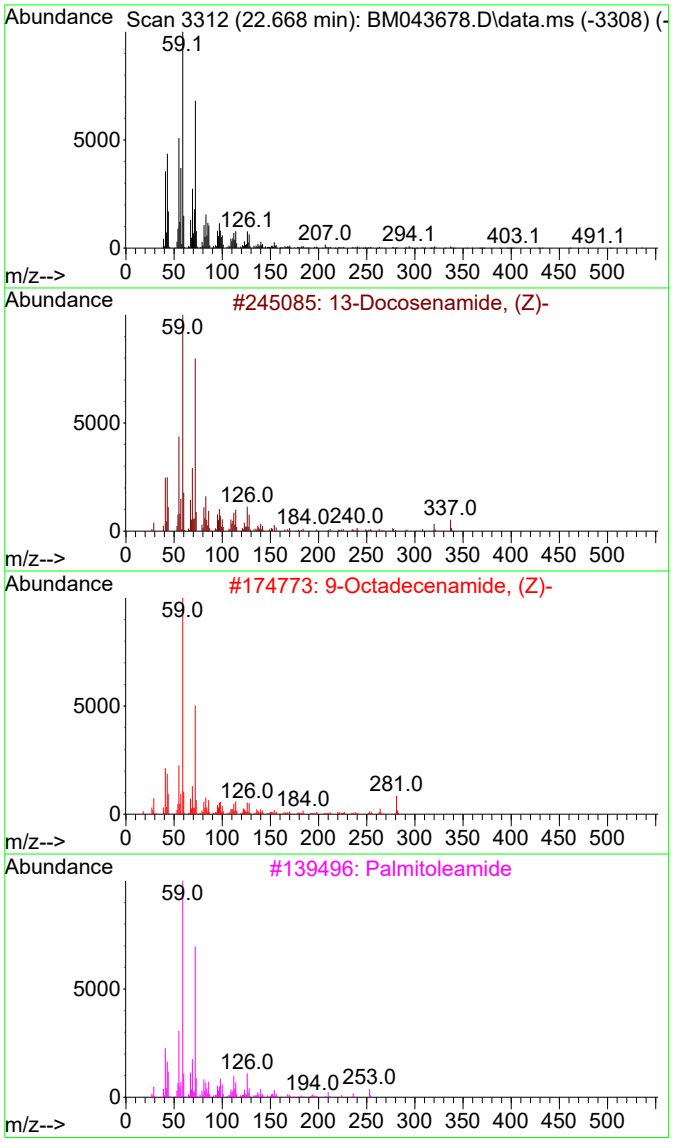
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

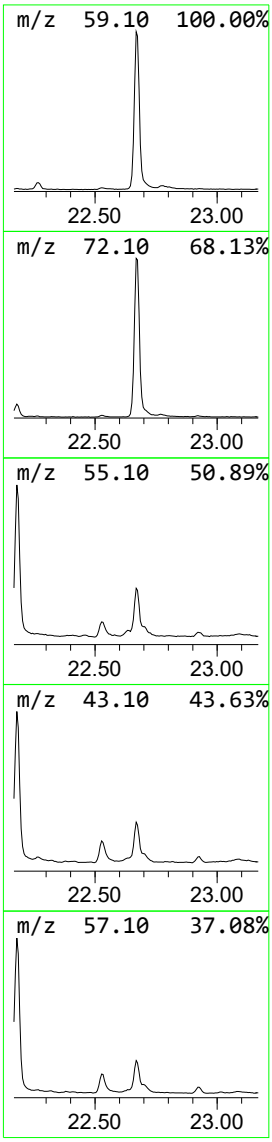
****

Peak Number 36 13-Docosenamide, (Z)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.668	25.97 ng/ul	3847560	Chrysene-d12	21.527

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	91
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	91
3	Palmitoleamide	253	C16H31NO	106010-22-4	80
4	Hexadecanamide	255	C16H33NO	000629-54-9	78
5	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122923\
Data File : BM043678.D
Acq On : 29 Dec 2023 18:28
Operator : MA/JU
Sample : 05920-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF59

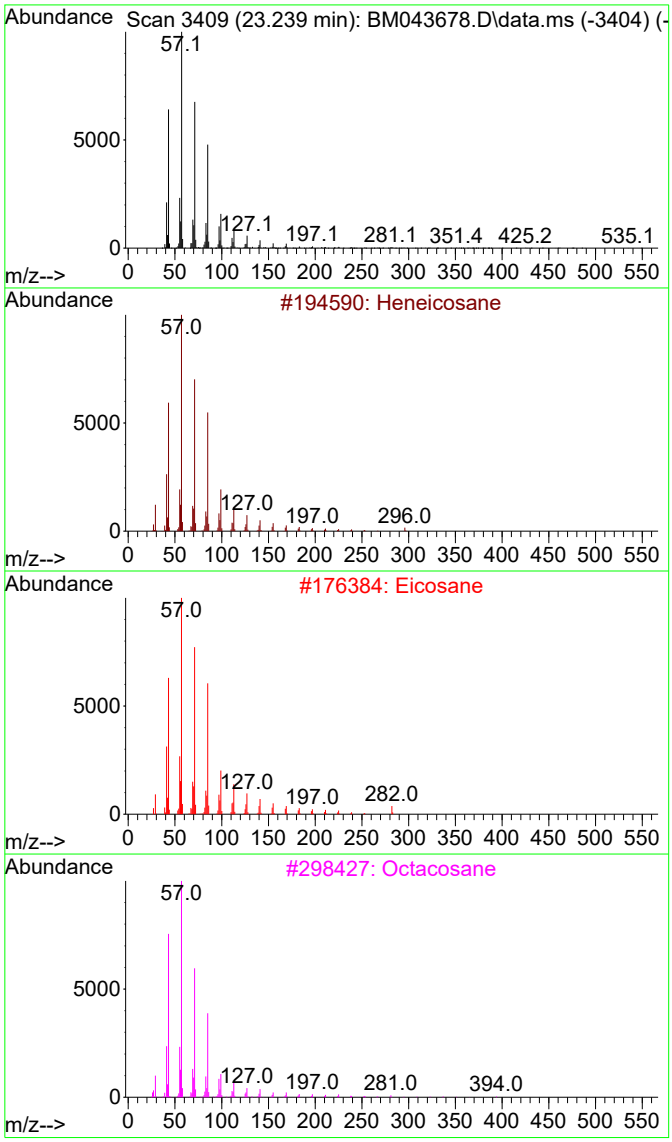
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

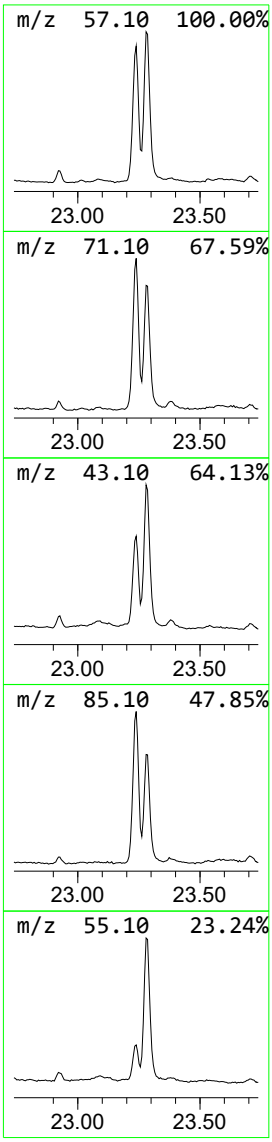
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 37 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.239	11.67 ng/ul	1777790	Perylene-d12	23.945

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	98
2	Eicosane	282	C20H42	000112-95-8	97
3	Octacosane	394	C28H58	000630-02-4	91
4	Hexacosane	366	C26H54	000630-01-3	91
5	Heptacosane	380	C27H56	000593-49-7	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122923\
Data File : BM043678.D
Acq On : 29 Dec 2023 18:28
Operator : MA/JU
Sample : 05920-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF59

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

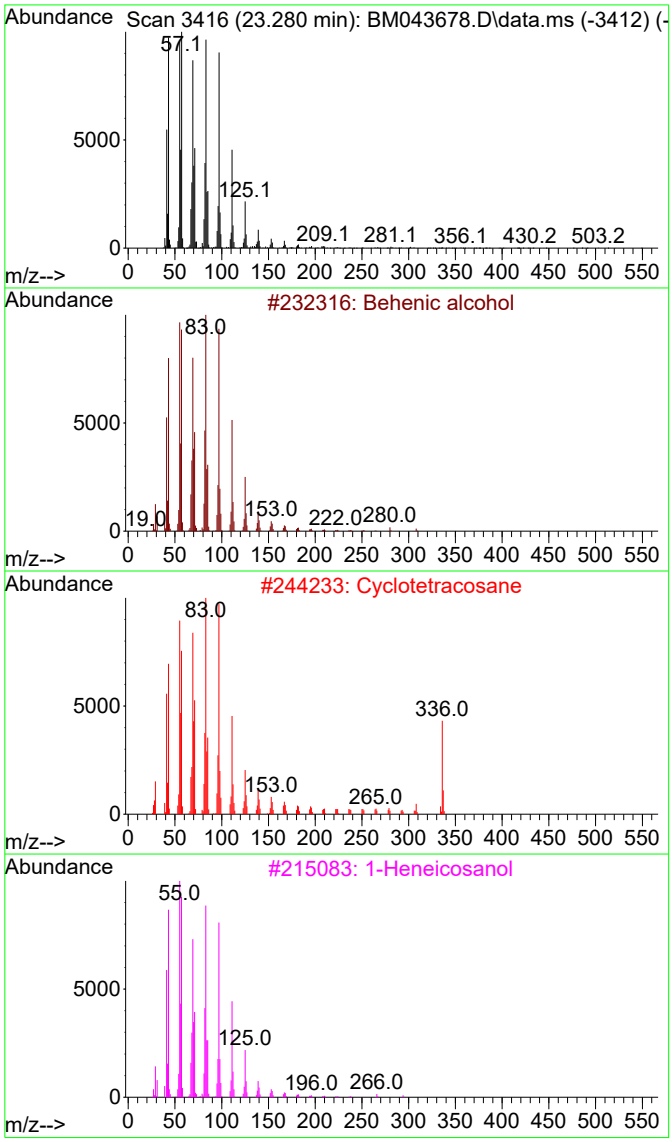
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

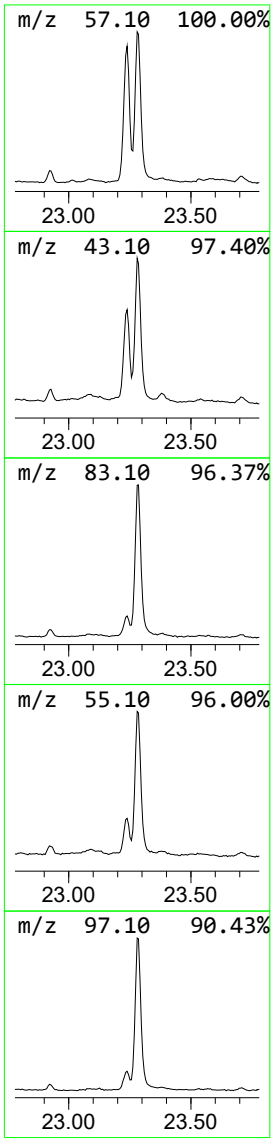
****

Peak Number 38 Behenic alcohol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.280	31.10 ng/ul	4737750	Perylene-d12	23.945

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	95
2	Cyclotetracosane	336	C24H48	000297-03-0	94
3	1-Heneicosanol	312	C21H44O	015594-90-8	93
4	1-Hexacosene	364	C26H52	018835-33-1	93
5	1-Tetracosene	336	C24H48	010192-32-2	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122923\
Data File : BM043678.D
Acq On : 29 Dec 2023 18:28
Operator : MA/JU
Sample : 05920-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF59

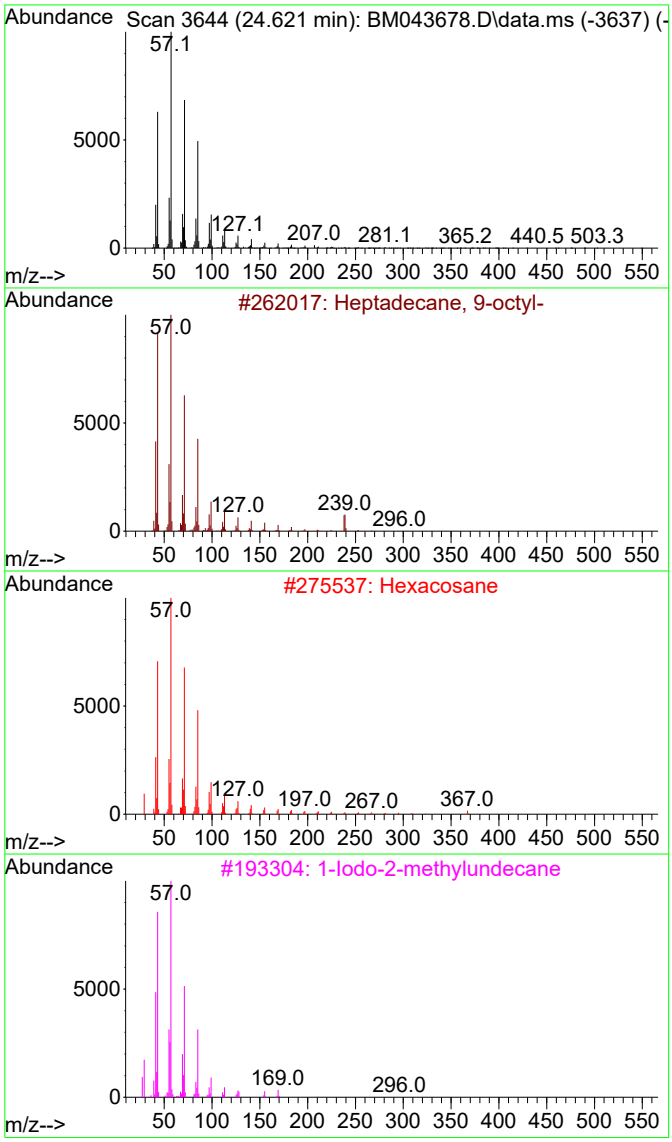
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

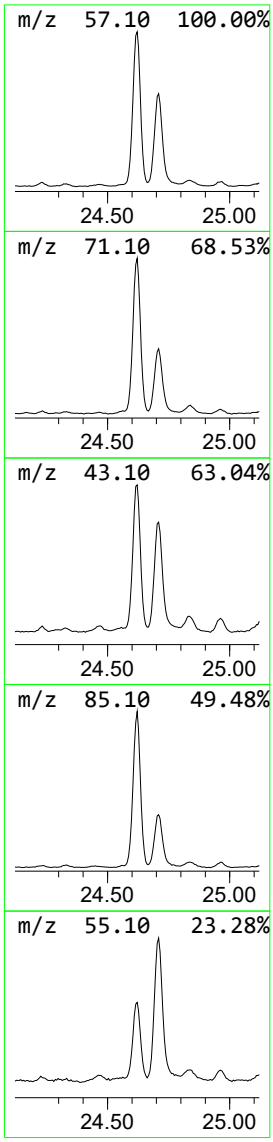
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 39 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.621	30.43 ng/ul	4634860	Perylene-d12	23.945

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
2	Hexacosane	366	C26H54	000630-01-3	91
3	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	91
4	Octacosane, 2-methyl-	408	C29H60	001560-98-1	91
5	Heneicosane	296	C21H44	000629-94-7	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122923\
Data File : BM043678.D
Acq On : 29 Dec 2023 18:28
Operator : MA/JU
Sample : 05920-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF59

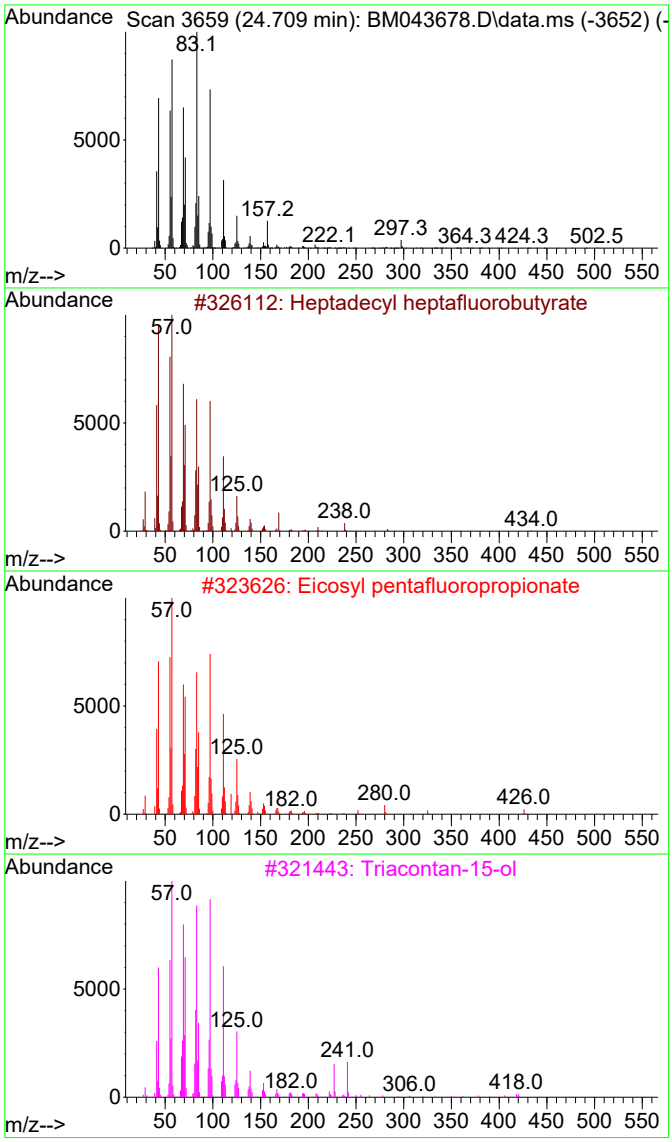
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

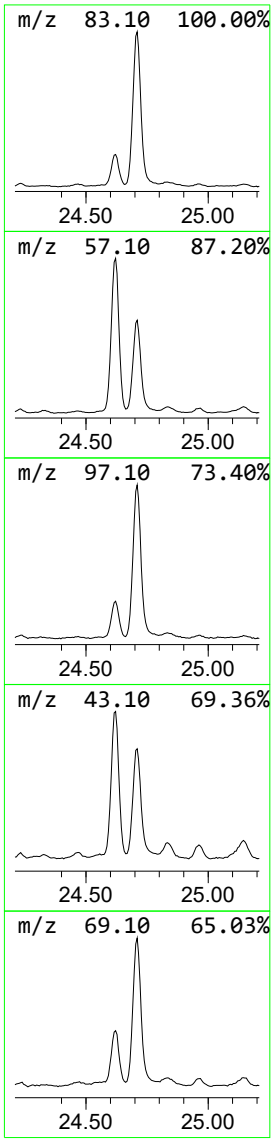
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 40 Heptadecyl heptafluorobutyrate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.709	38.04 ng/ul	5794880	Perylene-d12	23.945

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	58
2	Eicosyl pentafluoropropionate	444	C23H41F5O2	1000351-80-8	58
3	Triacontan-15-ol	438	C30H62O	031849-26-0	58
4	1-Heptacosanol	396	C27H56O	002004-39-9	53
5	Undecane, 4-cyclohexyl-	238	C17H34	013151-79-6	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122923\
Data File : BM043678.D
Acq On : 29 Dec 2023 18:28
Operator : MA/JU
Sample : 05920-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF59

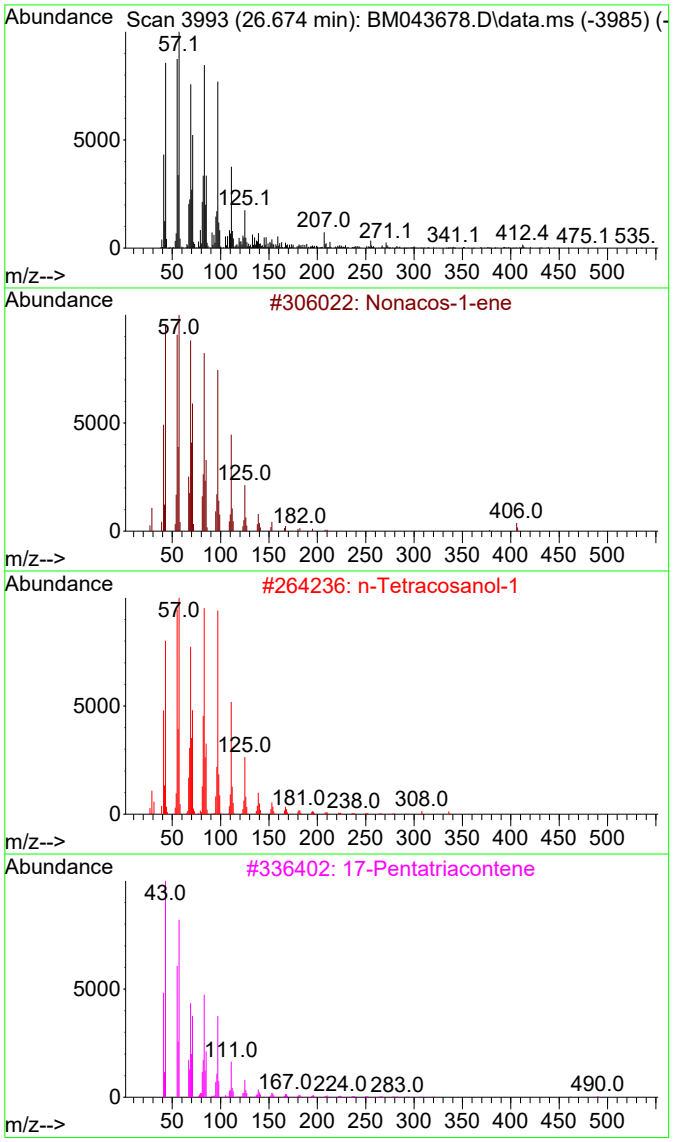
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

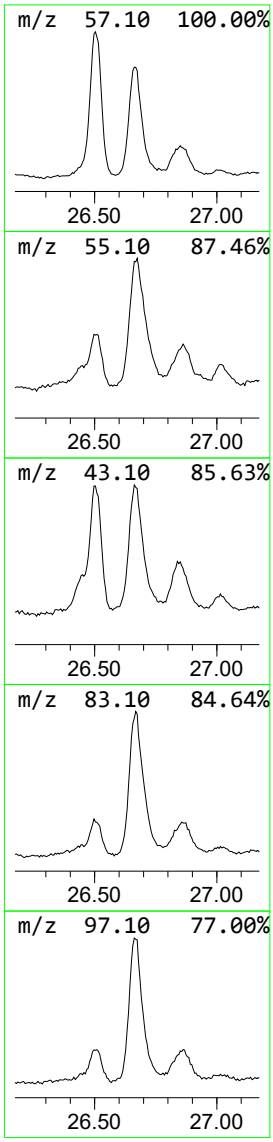
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 41 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.674	31.70 ng/ul	4828280	Perylene-d12	23.945

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonacos-1-ene	406	C29H58	018835-35-3	94
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
3	17-Pentatriacontene	491	C35H70	006971-40-0	91
4	Octacosanol	410	C28H58O	000557-61-9	91
5	Triacontan-15-ol	438	C30H62O	031849-26-0	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122923\
Data File : BM043678.D
Acq On : 29 Dec 2023 18:28
Operator : MA/JU
Sample : 05920-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF59

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

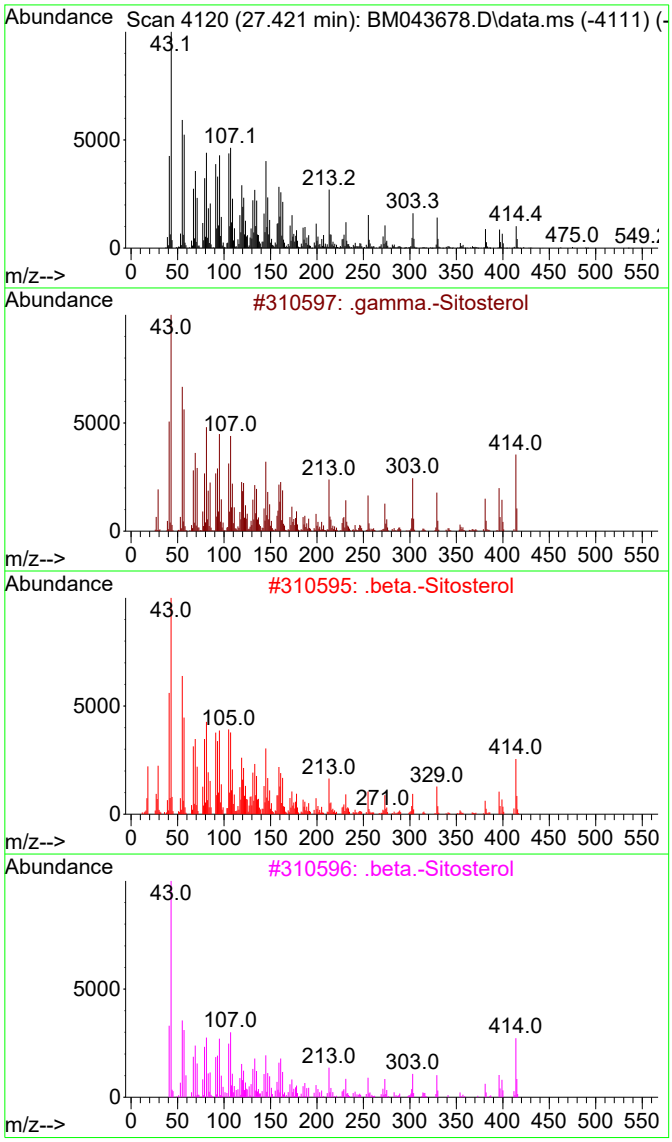
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

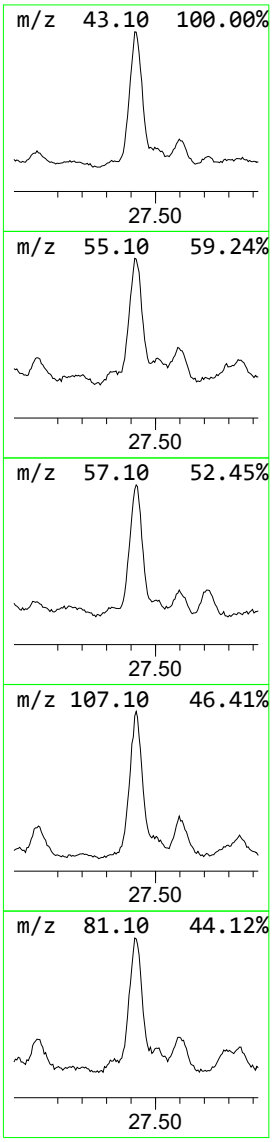
****

Peak Number 42 .gamma.-Sitosterol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.421	38.78 ng/ul	5907280	Perylene-d12	23.945

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.gamma.-Sitosterol	414	C29H50O	000083-47-6	99
2	.beta.-Sitosterol	414	C29H50O	000083-46-5	95
3	.beta.-Sitosterol	414	C29H50O	000083-46-5	95
4	.gamma.-Sitosterol	414	C29H50O	000083-47-6	93
5	Campesterol	400	C28H48O	000474-62-4	70





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122923\
Data File : BM043678.D
Acq On : 29 Dec 2023 18:28
Operator : MA/JU
Sample : 05920-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF59

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Germacrene D	13.469	3.6	ng/ul	432166	3	14.592	2386760	20.0
Longifolene	13.857	4.5	ng/ul	534115	3	14.592	2386760	20.0
4-Chloro-5-meth...	14.969	3.5	ng/ul	413822	3	14.592	2386760	20.0
(E)-4-(3-Hydrox...	16.739	3.9	ng/ul	539705	4	17.345	2798770	20.0
unknown-01	17.086	4.1	ng/ul	569902	4	17.345	2798770	20.0
(E)-Hexadec-9-e...	18.127	3.4	ng/ul	468209	4	17.345	2798770	20.0
Myristoleic acid	18.186	8.3	ng/ul	1159410	4	17.345	2798770	20.0
n-Hexadecanoic ...	18.251	44.5	ng/ul	6224710	4	17.345	2798770	20.0
Oxacycloheptade...	18.357	3.9	ng/ul	538481	4	17.345	2798770	20.0
4b,8-Dimethyl-2...	18.962	10.8	ng/ul	1508960	4	17.345	2798770	20.0
9,12-Octadecadi...	19.380	4.5	ng/ul	630043	4	17.345	2798770	20.0
9-Octadecenoic ...	19.410	30.2	ng/ul	4227860	4	17.345	2798770	20.0
Octadecanoic acid	19.521	14.4	ng/ul	2126120	5	21.527	2963080	20.0
Retene	20.180	5.5	ng/ul	809498	5	21.527	2963080	20.0
(DEL) Alkane: S...	20.251	5.2	ng/ul	767261	5	21.527	2963080	20.0
(DEL) Alkane: S...	20.286	2.6	ng/ul	392586	5	21.527	2963080	20.0
2-Phenanthrenol...	20.615	24.0	ng/ul	3551590	5	21.527	2963080	20.0
Methyl dehydroa...	20.715	8.0	ng/ul	1180780	5	21.527	2963080	20.0
(DEL) Alkane: S...	20.780	4.0	ng/ul	588138	5	21.527	2963080	20.0
(1S,4aR,5S,8aR)...	20.809	3.8	ng/ul	568468	5	21.527	2963080	20.0
unknown-02	20.921	5.6	ng/ul	836075	5	21.527	2963080	20.0
((1R,4aR,4bR,10...	21.121	5.4	ng/ul	802889	5	21.527	2963080	20.0
Tetrahydroabiet...	21.186	7.9	ng/ul	1173390	5	21.527	2963080	20.0
Dehydroabietic ...	21.221	5.9	ng/ul	876158	5	21.527	2963080	20.0
Octadecyl trifl...	21.245	27.7	ng/ul	4109100	5	21.527	2963080	20.0
Sesquirosefuran	21.333	23.2	ng/ul	3431360	5	21.527	2963080	20.0
Carbonic acid, ...	21.698	4.0	ng/ul	586698	5	21.527	2963080	20.0
1-Heneicosanol	22.180	56.5	ng/ul	8363660	5	21.527	2963080	20.0
Tetracosanoic acid	22.527	10.4	ng/ul	1540940	5	21.527	2963080	20.0
13-Docosenamide...	22.668	26.0	ng/ul	3847560	5	21.527	2963080	20.0
(DEL) Alkane: S...	23.239	11.7	ng/ul	1777790	6	23.945	3046380	20.0
Behenic alcohol	23.280	31.1	ng/ul	4737750	6	23.945	3046380	20.0
(DEL) Alkane: S...	24.621	30.4	ng/ul	4634860	6	23.945	3046380	20.0
Heptadecyl hept...	24.709	38.0	ng/ul	5794880	6	23.945	3046380	20.0
(DEL) Alkane: S...	26.674	31.7	ng/ul	4828280	6	23.945	3046380	20.0
.gamma.-Sitosterol	27.421	38.8	ng/ul	5907280	6	23.945	3046380	20.0