LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010524\
Data File : BP019293.D
Acq On : 05 Jan 2024 22:10
Operator : MA/JU
Sample : 05953-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCFB1

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_P\Methods\SFAM-EPA-BP122723.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP019293.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.229	20	24	28	rVB	23820	27428	0.41%	0.051%
2	3.652	93	96	106	rBV	167729	236568	3.54%	0.436%
3	6.305	541	547	556	rBV2	10633	18914	0.28%	0.035%
4	6.464	568	574	580	rBV2	24860	37833	0.57%	0.070%
5	6.822	630	635	642	rBV6	8707	19668	0.29%	0.036%
6	6.981	656	662	675	rVB	355280	584378	8.76%	1.076%
7	7.087	675	680	683	rVV3	11928	19204	0.29%	0.035%
8	7.134	683	688	699	rVB	270805	415779	6.23%	0.766%
9	7.328	714	721	732	rVB	371488	573414	8.59%	1.056%
10	7.793	791	800	807	rBV	382117	595639	8.93%	1.097%
11	8.522	916	924	936	rVV	381638	621729	9.32%	1.145%
12	8.958	991	998	1010	rBV	323717	532899	7.99%	0.981%
13	9.546	1094	1098	1104	rBV6	10128	18791	0.28%	0.035%
14	9.681	1114	1121	1136	rBV	283052	475995	7.13%	0.877%
15	9.905	1151	1159	1162	rBV10	7601	16001	0.24%	0.029%
16	10.228	1207	1214	1231	rBV	392884	744872	11.16%	1.372%
17	10.587	1268	1275	1283	rBV	452708	747242	11.20%	1.376%
18	10.746	1294	1302	1325	rVV	178925	368247	5.52%	0.678%
19	12.252	1552	1558	1566	rBV	23693	48205	0.72%	0.089%
20	12.728	1634	1639	1645	rBV10	7900	15350	0.23%	0.028%
21	12.934	1668	1674	1683	rVB2	42138	67491	1.01%	0.124%
22	13.110	1700	1704	1708	rBV7	11121	15356	0.23%	0.028%
23	13.157	1708	1712	1717	rBV5	16821	24995	0.37%	0.046%
24	13.216	1717	1722	1727	rBV4	36994	67002	1.00%	0.123%
25	13.334	1735	1742	1746	rBV2	55682	87329	1.31%	0.161%
26	13.381	1746	1750	1754	rVV4	20964	31452	0.47%	0.058%
27	13.434	1754	1759	1764	rVB	161030	227408	3.41%	0.419%
28	13.575	1776	1783	1787	rBV2	141921	254192	3.81%	0.468%
29	13.699	1796	1804	1808	rBV	1394407	2092521	31.35%	3.853%
30	13.746	1808	1812	1822	rVV2	533152	868879	13.02%	1.600%
31	13.857	1822	1831	1840	rVV	793461	1216997	18.24%	2.241%
32	13.951	1841	1847	1855	rVB	178846	284339	4.26%	0.524%
33	14.128	1871	1877	1886	rVV2	861687	1325732	19.87%	2.441%
34	14.210	1886	1891	1895	rVV4	42277	85109	1.28%	0.157%
35	14.251	1895	1898	1905	rVV3	68045	121490	1.82%	0.224%
36	14.322	1905	1910	1915	rVV3	125607	198453	2.97%	0.365%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010524\
Data File : BP019293.D
Acq On : 05 Jan 2024 22:10
Operator : MA/JU
Sample : 05953-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : GCFB1

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_P\Methods\SFAM-EPA-BP122723.MA.M
Title : SVOA CALIBRATION

37	14.363	1915	1917	1920	rVV4	12479	16608	0.25%	0.031%
38	14.440	1923	1930	1937	rVV	706778	1168960	17.52%	2.153%
39	14.493	1937	1939	1944	rVB5	19673	26395	0.40%	0.049%
40	14.581	1951	1954	1958	rVB4	16599	21485	0.32%	0.040%
41	14.687	1966	1972	1982	rBV	408050	708144	10.61%	1.304%
42	14.822	1992	1995	1999	rBV2	18865	26428	0.40%	0.049%
43	14.887	1999	2006	2009	rVV4	39216	74435	1.12%	0.137%
44	14.916	2009	2011	2016	rVB	69045	86198	1.29%	0.159%
45	15.075	2035	2038	2041	rVV5	12911	18775	0.28%	0.035%
46	15.116	2041	2045	2050	rVV6	13564	26704	0.40%	0.049%
47	15.163	2050	2053	2058	rVB2	12193	17315	0.26%	0.032%
48	15.328	2076	2081	2085	rBV8	9606	16874	0.25%	0.031%
49	15.434	2089	2099	2108	rBV	1195663	1683915	25.23%	3.101%
50	15.569	2116	2122	2126	rBV	319182	456975	6.85%	0.841%
51	15.604	2126	2128	2134	rVV3	67918	102022	1.53%	0.188%
52	15.669	2134	2139	2142	rVV3	51071	80553	1.21%	0.148%
53	15.722	2142	2148	2158	rVB	1616949	2237297	33.52%	4.120%
54	15.851	2167	2170	2174	rVV4	24763	30944	0.46%	0.057%
55	15.887	2174	2176	2179	rVV3	24028	32282	0.48%	0.059%
56	15.928	2179	2183	2194	rVB	166330	266536	3.99%	0.491%
57	16.087	2206	2210	2216	rVB6	27708	46025	0.69%	0.085%
58	16.157	2218	2222	2230	rVV8	30814	72945	1.09%	0.134%
59	16.228	2230	2234	2239	rVB5	30182	47863	0.72%	0.088%
60	16.310	2243	2248	2253	rBV8	12588	25922	0.39%	0.048%
61	16.598	2293	2297	2306	rVB4	55096	86155	1.29%	0.159%
62	16.698	2310	2314	2319	rVB	48750	57774	0.87%	0.106%
63	16.851	2334	2340	2350	rBV	318487	497592	7.46%	0.916%
64	16.951	2353	2357	2359	rBV3	14744	21278	0.32%	0.039%
65	17.092	2378	2381	2385	rVB3	34682	40303	0.60%	0.074%
66	17.140	2386	2389	2391	rBV4	20013	25134	0.38%	0.046%
67	17.192	2393	2398	2404	rVB	917012	1301729	19.51%	2.397%
68	17.292	2409	2415	2425	rVV	1296058	1815288	27.20%	3.343%
69	17.375	2426	2429	2430	rVV3	15907	19908	0.30%	0.037%
70	17.404	2430	2434	2443	rVB6	33821	90824	1.36%	0.167%
71	17.587	2462	2465	2472	rVB6	34967	52214	0.78%	0.096%
72	17.975	2526	2531	2536	rVB4	39896	69625	1.04%	0.128%
73	18.034	2536	2541	2544	rBV	113610	164901	2.47%	0.304%
74	18.092	2544	2551	2566	rVB	807485	1213848	18.19%	2.235%
75	18.375	2594	2599	2603	rBV3	47946	89725	1.34%	0.165%
76	18.498	2617	2620	2626	rBV5	24178	43942	0.66%	0.081%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010524\
Data File : BP019293.D
Acq On : 05 Jan 2024 22:10
Operator : MA/JU
Sample : 05953-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : GCFB1

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_P\Methods\SFAM-EPA-BP122723.MA.M
Title : SVOA CALIBRATION

77	18.563	2628	2631	2638	rVB9	37513	65361	0.98%	0.120%
78	18.975	2697	2701	2704	rBV5	58185	91657	1.37%	0.169%
79	19.016	2704	2708	2713	rVB	218498	267461	4.01%	0.493%
80	19.110	2722	2724	2730	rBV5	19998	25437	0.38%	0.047%
81	19.186	2731	2737	2738	rBV2	96295	134126	2.01%	0.247%
82	19.210	2738	2741	2744	rBV	133798	150450	2.25%	0.277%
83	19.328	2757	2761	2770	rBV	448653	587482	8.80%	1.082%
84	19.404	2771	2774	2779	rVB3	66901	85015	1.27%	0.157%
85	19.539	2792	2797	2803	rBV	1824260	2324489	34.83%	4.280%
86	19.704	2822	2825	2834	rVB2	113471	162461	2.43%	0.299%
87	19.781	2834	2838	2842	rBV	154047	194578	2.92%	0.358%
88	20.039	2878	2882	2892	rVB4	113383	188524	2.82%	0.347%
89	20.228	2910	2914	2923	rVB	1020692	1417103	21.23%	2.609%
90	20.398	2937	2943	2946	rBV	5473193	6673668	100.00%	12.289%
91	20.433	2946	2949	2961	rVB	2649467	3750150	56.19%	6.906%
92	20.545	2966	2968	2971	rVB2	78797	81179	1.22%	0.149%
93	21.004	3043	3046	3053	rVB	695385	939876	14.08%	1.731%
94	21.104	3059	3063	3070	rVB2	386337	568370	8.52%	1.047%
95	21.298	3091	3096	3109	rBV	1519533	1970122	29.52%	3.628%
96	21.863	3188	3192	3195	rBV	437721	589114	8.83%	1.085%
97	21.916	3196	3201	3212	rVB	2044127	3187079	47.76%	5.869%
98	22.386	3277	3281	3285	rBV	246200	336291	5.04%	0.619%
99	23.510	3466	3472	3483	rVB2	1351741	2707605	40.57%	4.986%
100	23.663	3492	3498	3507	rVB	957786	1839949	27.57%	3.388%

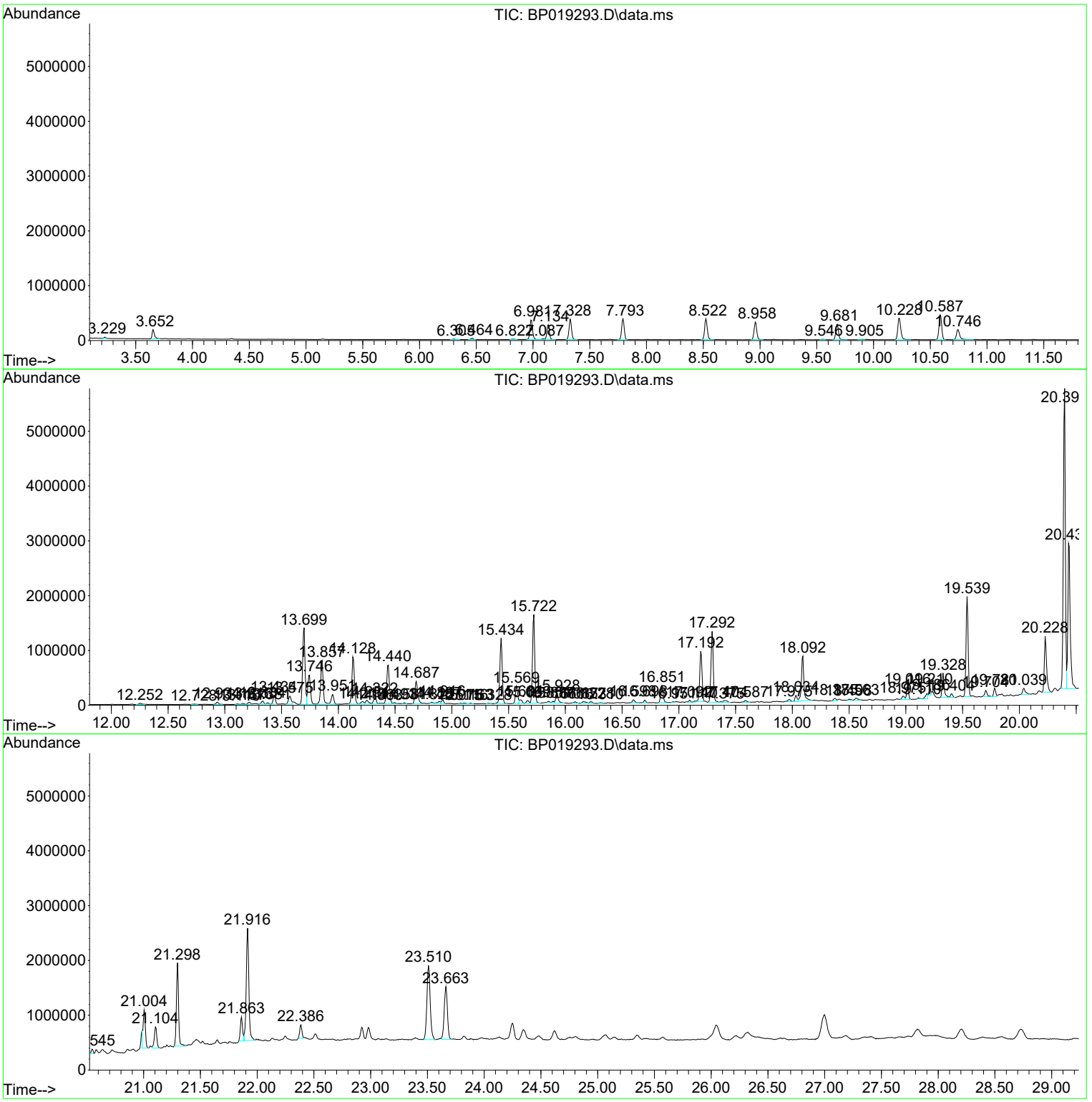
Sum of corrected areas: 54306288

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010524\
Data File : BP019293.D
Acq On : 05 Jan 2024 22:10
Operator : MA/JU
Sample : 05953-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCFB1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010524\
Data File : BP019293.D
Acq On : 05 Jan 2024 22:10
Operator : MA/JU
Sample : 05953-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCFB1

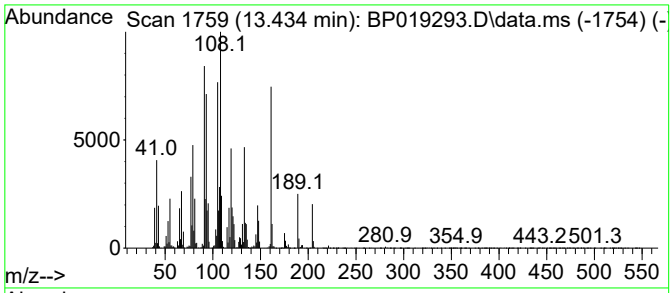
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

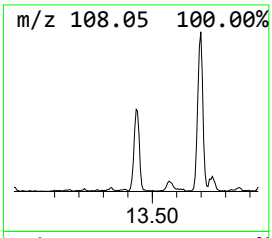
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

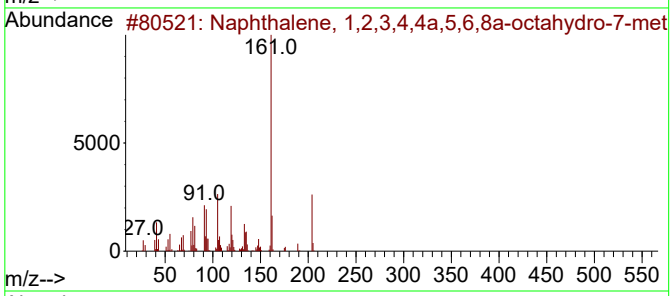
****
Peak Number 1 Naphthalene, 1,2,3,4,4a,5,6... Concentration Rank 17

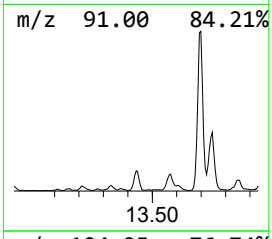
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.434	3.89 ng/ul	227408	Acenaphthene-d10	14.440

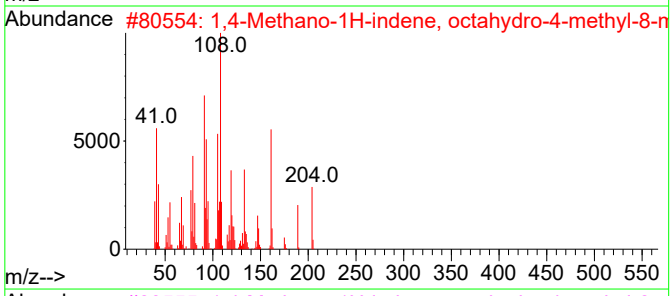
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4,4a,5,6,8a-o...	204	C15H24	039029-41-9	95
2	1,4-Methano-1H-indene, octahydro...	204	C15H24	003650-28-0	94
3	1,4-Methano-1H-indene, octahydro...	204	C15H24	003650-28-0	93
4	1,4-Methano-1H-indene, octahydro...	204	C15H24	003650-28-0	93
5	Naphthalene, 1,2,4a,5,6,8a-hexah...	204	C15H24	000483-75-0	89

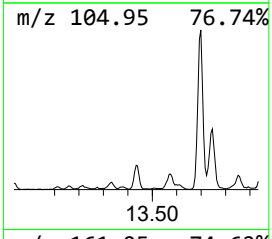


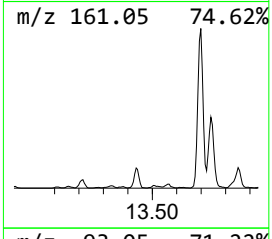


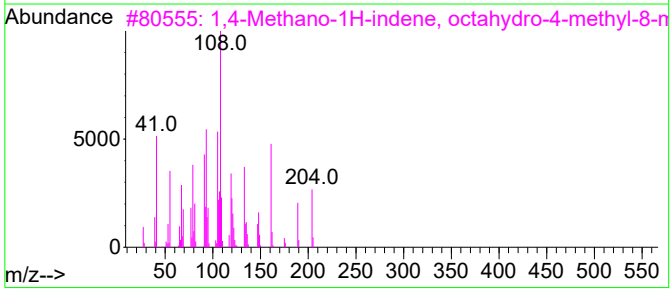


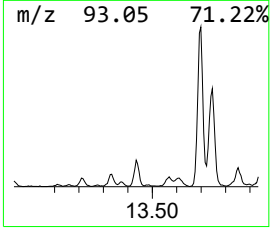












Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010524\
Data File : BP019293.D
Acq On : 05 Jan 2024 22:10
Operator : MA/JU
Sample : 05953-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCFB1

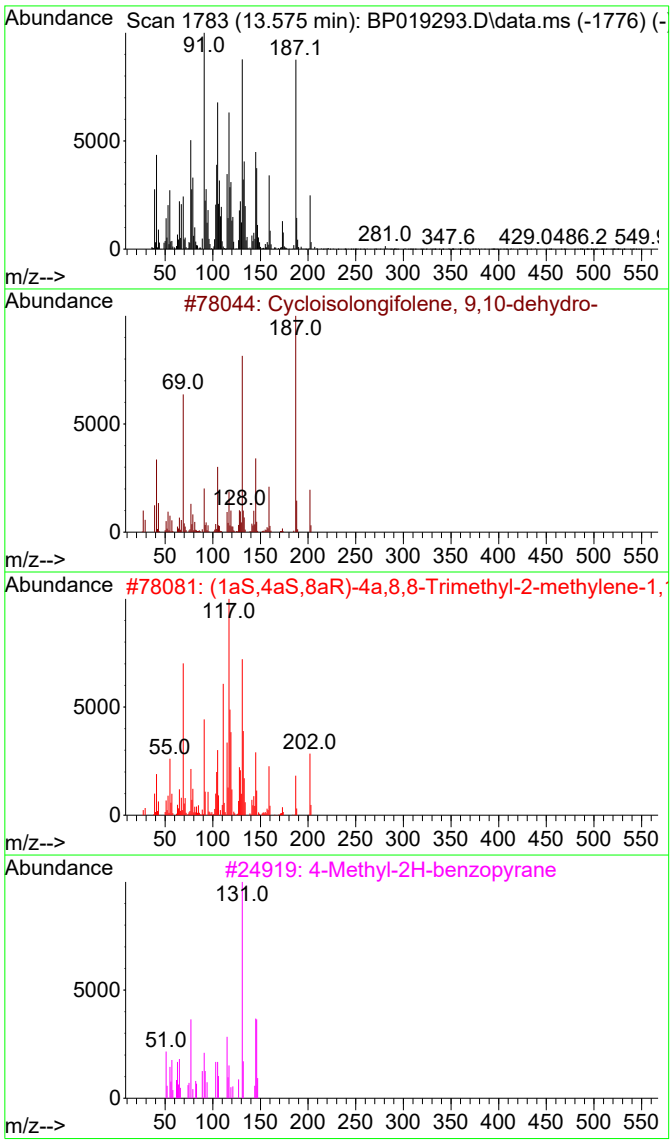
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

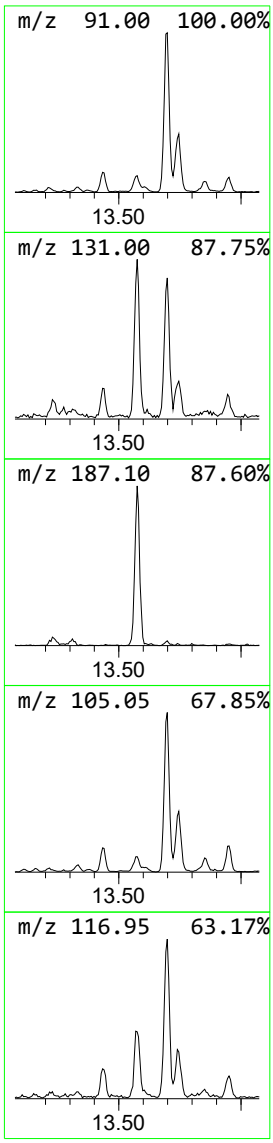
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Cycloisolongifolene, 9,10-d... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.575	4.35 ng/ul	254192	Acenaphthene-d10	14.440

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloisolongifolene, 9,10-dehydro-	202	C15H22	1000156-81-6	58
2	(1aS,4aS,8aR)-4a,8,8-Trimethyl-2...	202	C15H22	051446-91-4	42
3	4-Methyl-2H-benzopyrane	146	C10H10O	021776-94-3	30
4	1H-Indene, 5-hexyl-2,3-dihydro-	202	C15H22	054889-55-3	30
5	2(1H)-Pyridinone, 3,4-dihydro-5-...	187	C12H13NO	085597-76-8	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010524\
Data File : BP019293.D
Acq On : 05 Jan 2024 22:10
Operator : MA/JU
Sample : 05953-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCFB1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

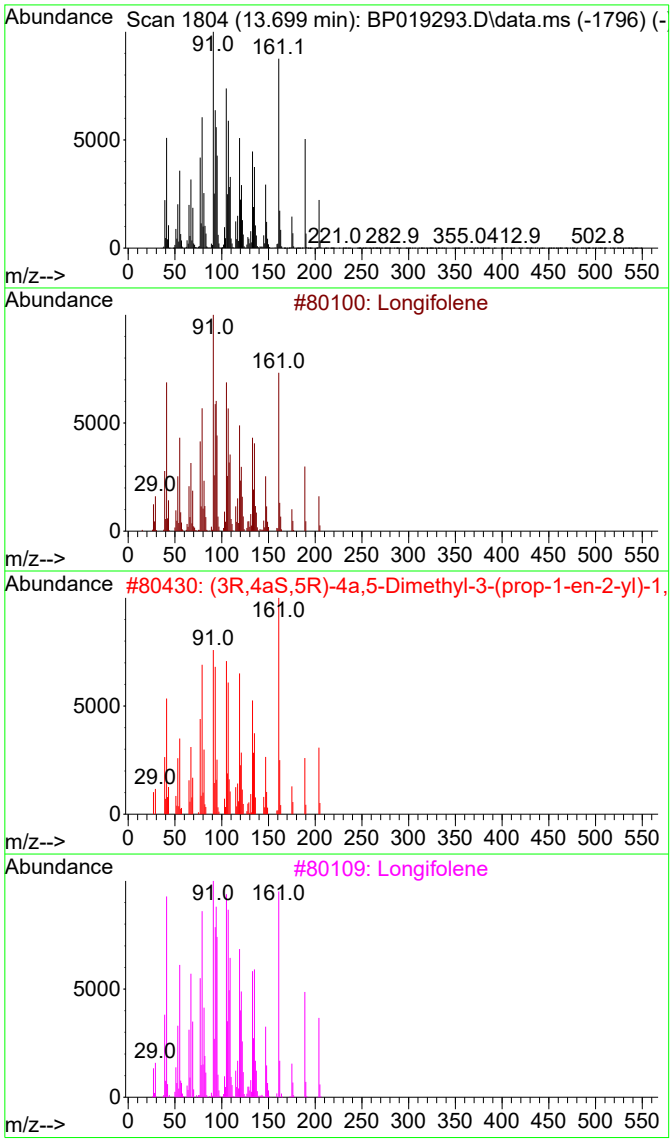
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

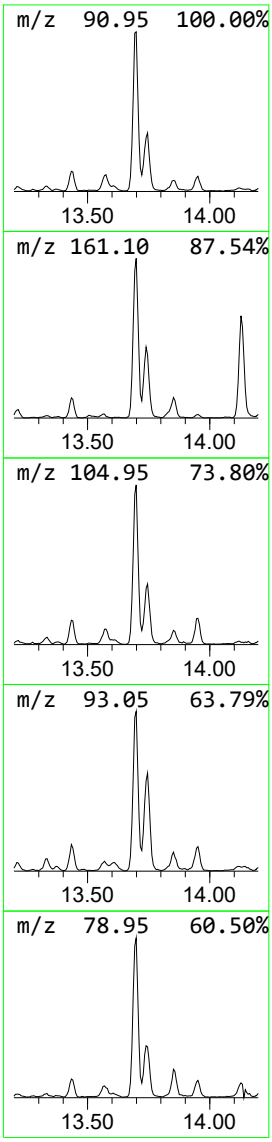
****

Peak Number 3 Longifolene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.698	35.80 ng/ul	2092520	Acenaphthene-d10	14.440

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Longifolene	204	C15H24	000475-20-7	99
2	(3R,4aS,5R)-4a,5-Dimethyl-3-(pro...	204	C15H24	024741-64-8	99
3	Longifolene	204	C15H24	000475-20-7	99
4	Longifolene	204	C15H24	000475-20-7	98
5	Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	004630-07-3	98





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010524\
Data File : BP019293.D
Acq On : 05 Jan 2024 22:10
Operator : MA/JU
Sample : 05953-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCFB1

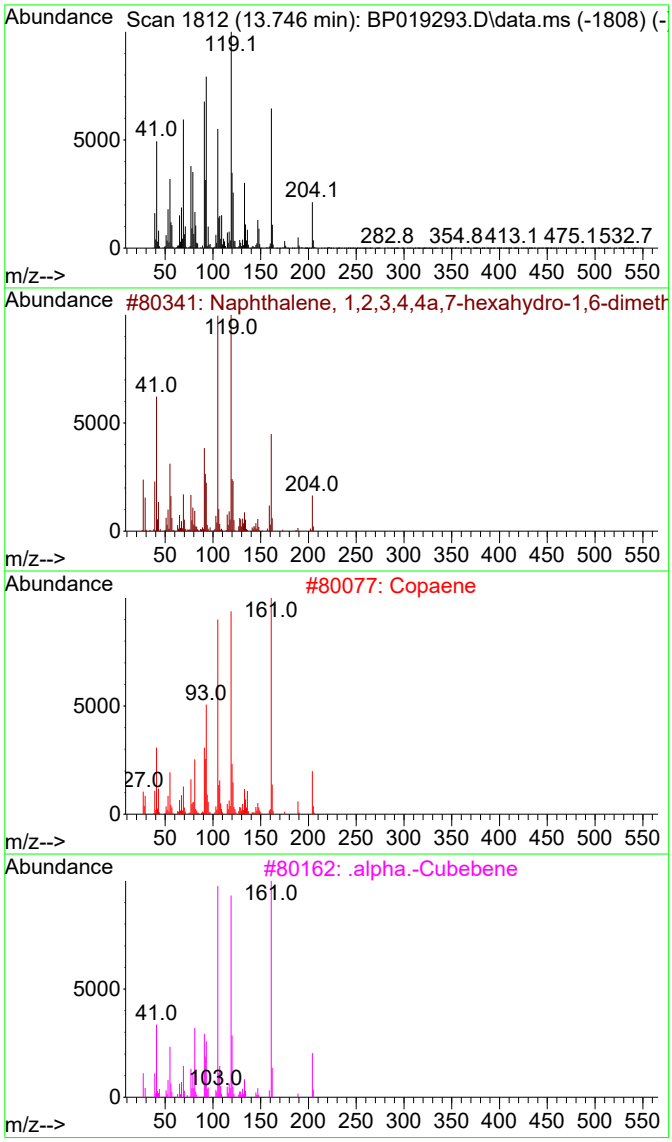
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

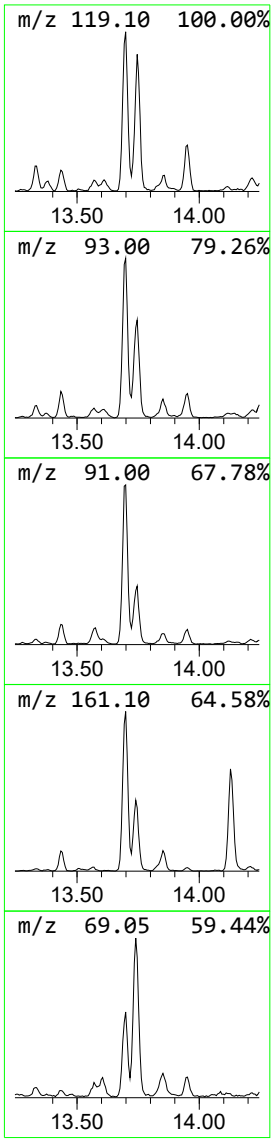
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Naphthalene, 1,2,3,4,4a,7-h... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.746	14.87 ng/ul	868879	Acenaphthene-d10	14.440

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4,4a,7-hexahy...	204	C15H24	016728-99-7	76
2	Copaene	204	C15H24	003856-25-5	74
3	.alpha.-Cubebene	204	C15H24	017699-14-8	64
4	Di-epi-.alpha.-cedrene	204	C15H24	050894-66-1	58
5	1H-3a,7-Methanoazulene, 2,3,4,7,...	204	C15H24	000469-61-4	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010524\
Data File : BP019293.D
Acq On : 05 Jan 2024 22:10
Operator : MA/JU
Sample : 05953-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCFB1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

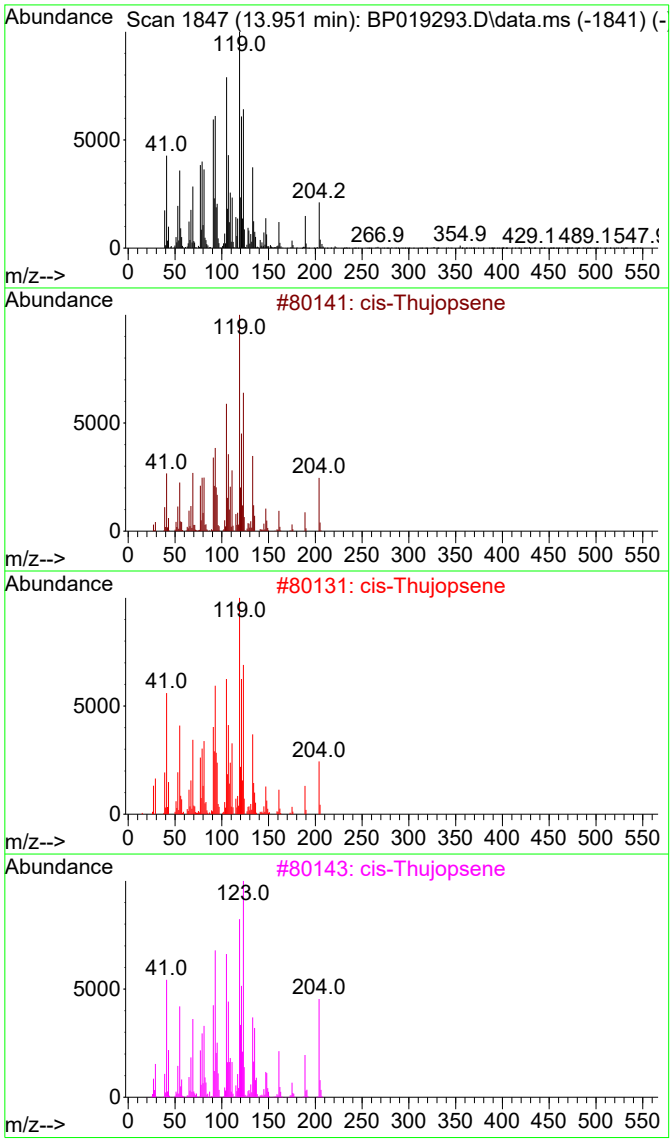
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

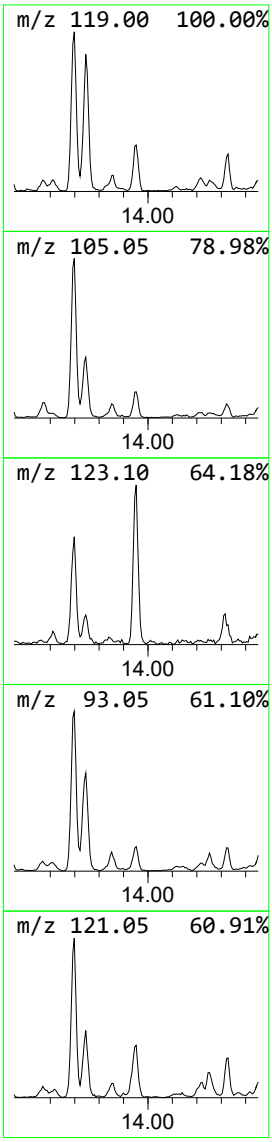
****

Peak Number 5 cis-Thujopsene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.951	4.86 ng/ul	284339	Acenaphthene-d10	14.440

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-Thujopsene	204	C15H24	000470-40-6	99
2	cis-Thujopsene	204	C15H24	000470-40-6	96
3	cis-Thujopsene	204	C15H24	000470-40-6	93
4	Tricyclo[5.4.0.0(2,8)]undec-9-en...	204	C15H24	005989-08-2	93
5	Tricyclo[5.4.0.0(2,8)]undec-9-en...	204	C15H24	005989-08-2	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010524\
Data File : BP019293.D
Acq On : 05 Jan 2024 22:10
Operator : MA/JU
Sample : 05953-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCFB1

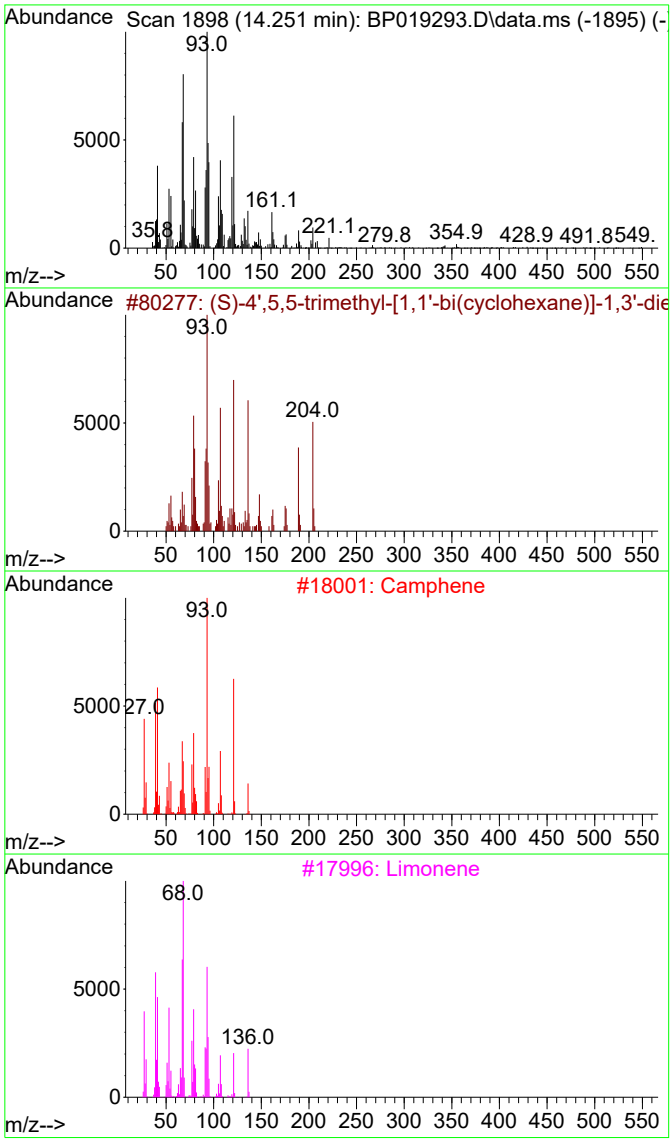
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

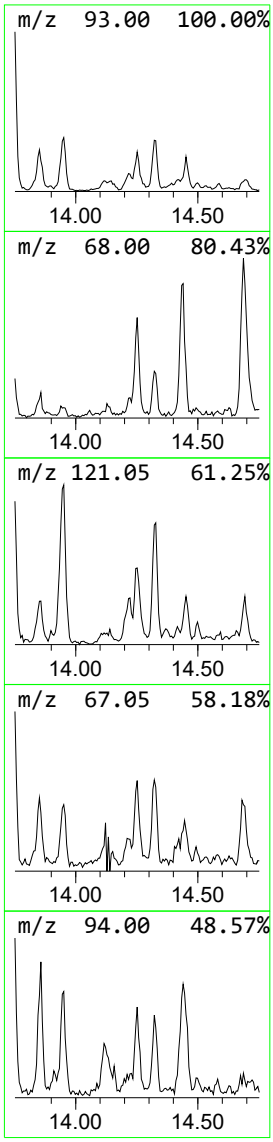
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (S)-4',5,5-trimethyl-[1,1'-... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.252	2.08 ng/ul	121490	Acenaphthene-d10	14.440

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(S)-4',5,5-trimethyl-[1,1'-bi(cy...	204	C15H24	1000456-25-4	50
2	Camphene	136	C10H16	000079-92-5	49
3	Limonene	136	C10H16	000138-86-3	41
4	Camphene	136	C10H16	000079-92-5	38
5	1,5-Cyclooctadiene, 1,5-dimethyl-	136	C10H16	003760-14-3	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010524\
Data File : BP019293.D
Acq On : 05 Jan 2024 22:10
Operator : MA/JU
Sample : 05953-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCFB1

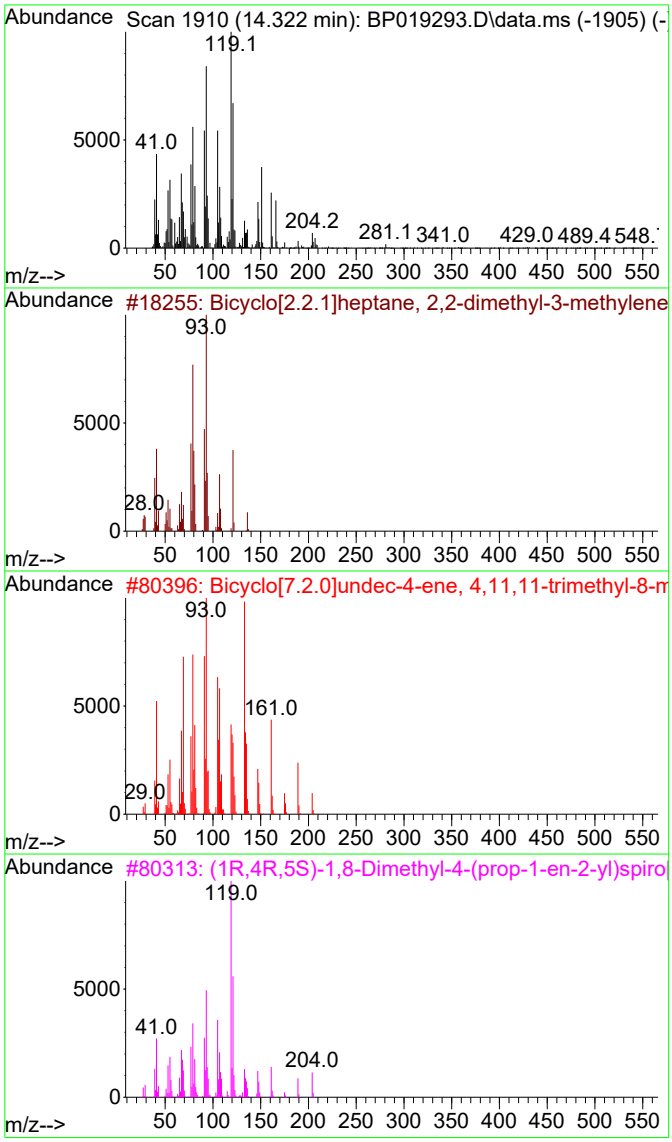
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

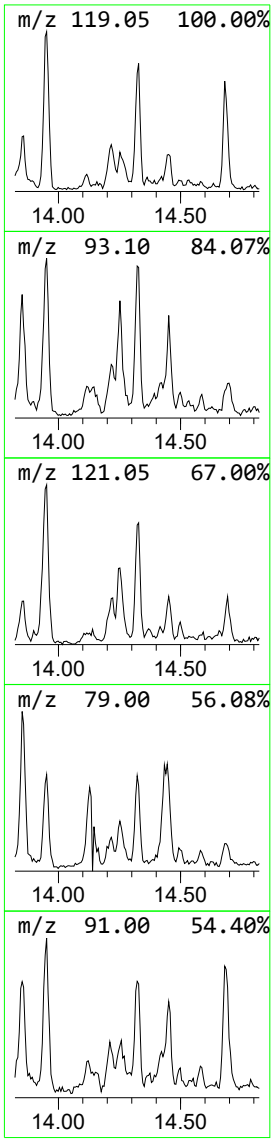
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Bicyclo[2.2.1]heptane, 2,2-... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.322	3.40 ng/ul	198453	Acenaphthene-d10	14.440

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptane, 2,2-dimet...	136	C10H16	005794-03-6	55
2	Bicyclo[7.2.0]undec-4-ene, 4,11,...	204	C15H24	000118-65-0	49
3	(1R,4R,5S)-1,8-Dimethyl-4-(prop-...	204	C15H24	729602-94-2	49
4	1,3-Cyclohexadiene, 5-(1,5-dimet...	204	C15H24	000495-60-3	49
5	1,3,6-Heptatriene, 2,5,5-trimethyl-	136	C10H16	029548-02-5	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010524\
Data File : BP019293.D
Acq On : 05 Jan 2024 22:10
Operator : MA/JU
Sample : 05953-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCFB1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

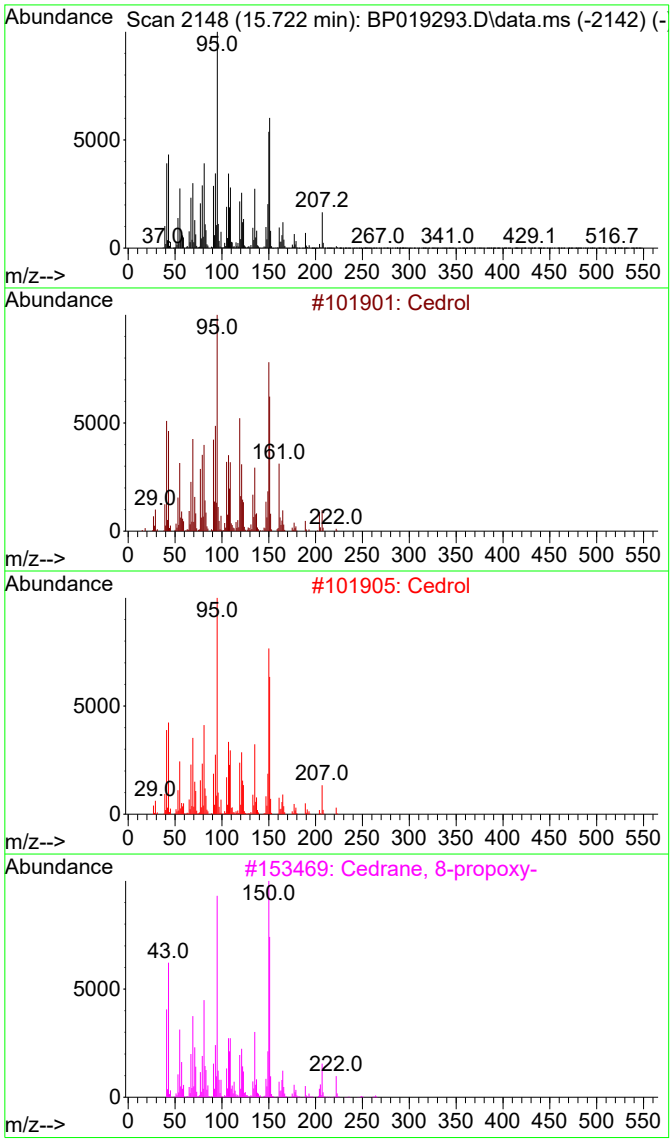
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

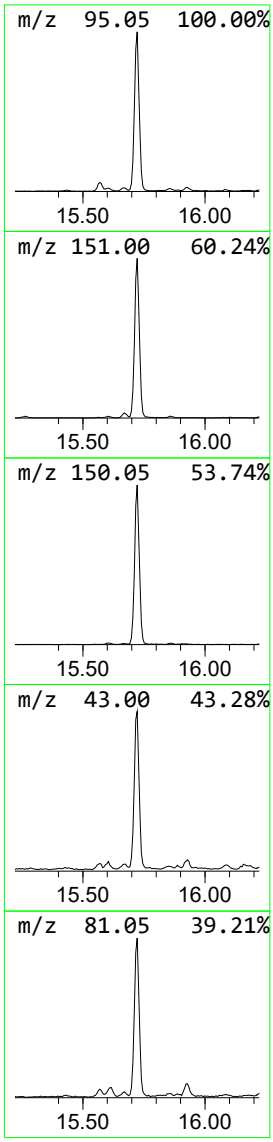
****

Peak Number 8 Cedrol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.722	38.28 ng/ul	2237300	Acenaphthene-d10	14.440

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cedrol	222	C15H26O	000077-53-2	91
2	Cedrol	222	C15H26O	000077-53-2	91
3	Cedrane, 8-propoxy-	264	C18H32O	019870-75-8	87
4	Cedrol	222	C15H26O	000077-53-2	83
5	(3R,3aS,6S,7R)-3,6,8,8-Tetrameth...	222	C15H26O	019903-73-2	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010524\
Data File : BP019293.D
Acq On : 05 Jan 2024 22:10
Operator : MA/JU
Sample : 05953-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCFB1

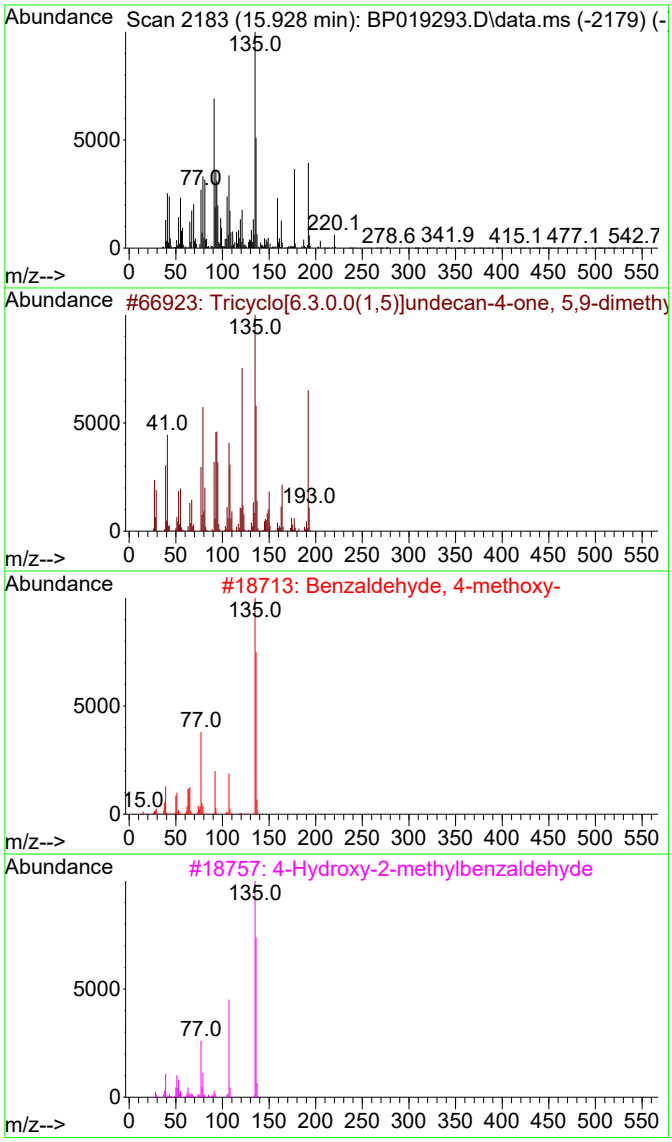
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

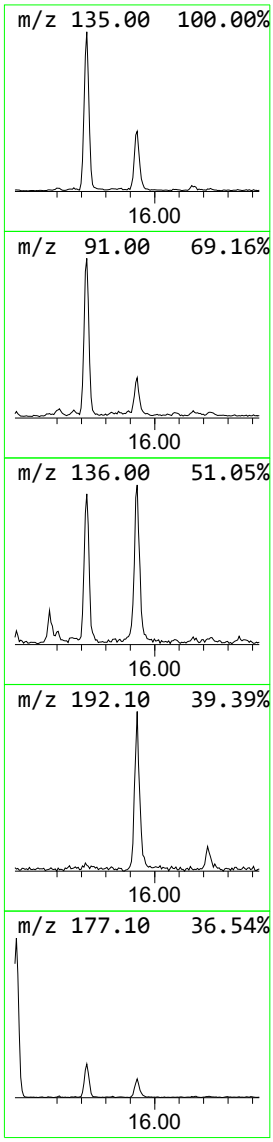
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Tricyclo[6.3.0.0(1,5)]undec... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.928	4.10 ng/ul	266536	Phenanthrene-d10	17.192

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricyclo[6.3.0.0(1,5)]undecan-4-...	192	C13H20O	1000153-99-8	53
2	Benzaldehyde, 4-methoxy-	136	C8H8O2	000123-11-5	38
3	4-Hydroxy-2-methylbenzaldehyde	136	C8H8O2	041438-18-0	38
4	4-Hydroxy-3-methylbenzaldehyde	136	C8H8O2	015174-69-3	38
5	Benzaldehyde, 4-methoxy-	136	C8H8O2	000123-11-5	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010524\
Data File : BP019293.D
Acq On : 05 Jan 2024 22:10
Operator : MA/JU
Sample : 05953-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCFB1

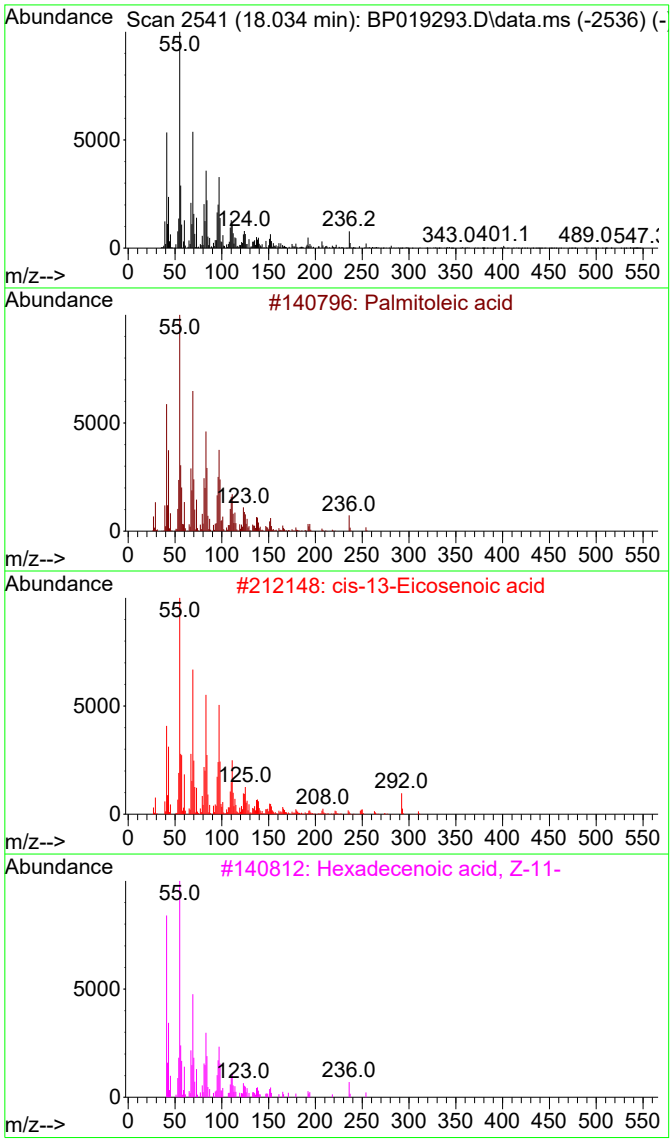
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

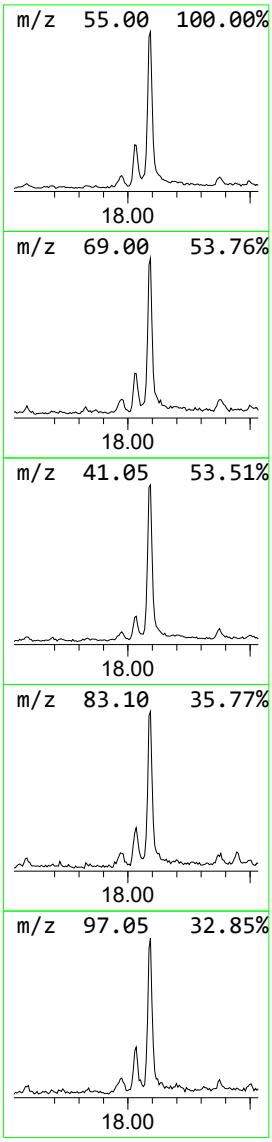
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Palmitoleic acid Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.034	2.53 ng/ul	164901	Phenanthrene-d10	17.192

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Palmitoleic acid	254	C16H30O2	000373-49-9	98
2	cis-13-Eicosenoic acid	310	C20H38O2	017735-94-3	98
3	Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	98
4	Palmitoleic acid	254	C16H30O2	000373-49-9	97
5	6-Pentadecenoic acid, 13-methyl-...	254	C16H30O2	682751-34-4	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010524\
Data File : BP019293.D
Acq On : 05 Jan 2024 22:10
Operator : MA/JU
Sample : 05953-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCFB1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

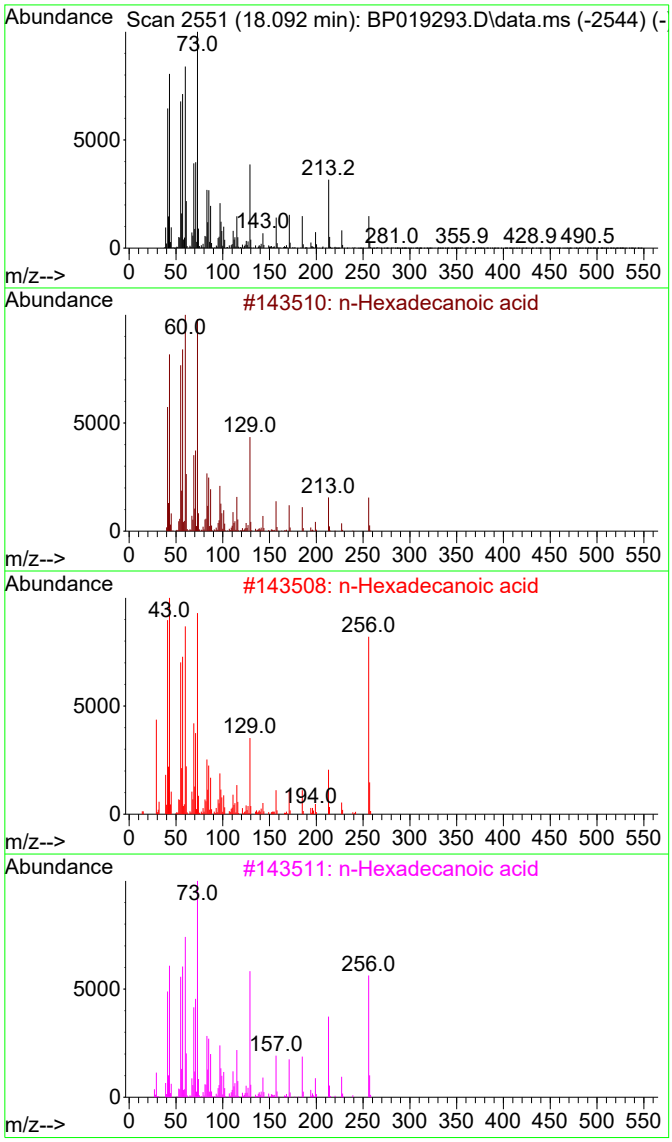
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

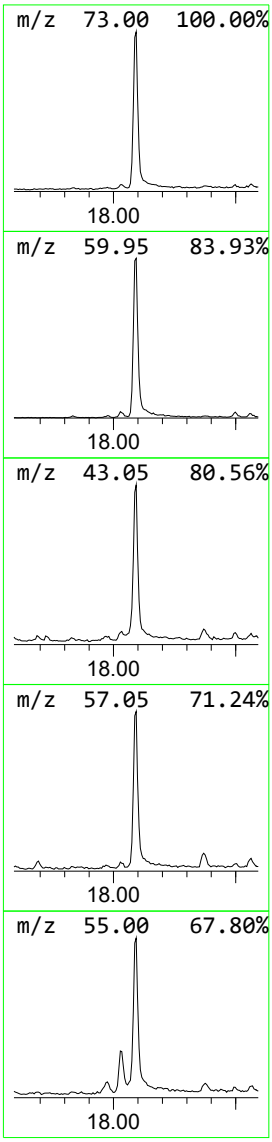
****

Peak Number 11 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.092	18.65 ng/ul	1213850	Phenanthrene-d10	17.192

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	Tridecanoic acid	214	C13H26O2	000638-53-9	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010524\
Data File : BP019293.D
Acq On : 05 Jan 2024 22:10
Operator : MA/JU
Sample : 05953-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCFB1

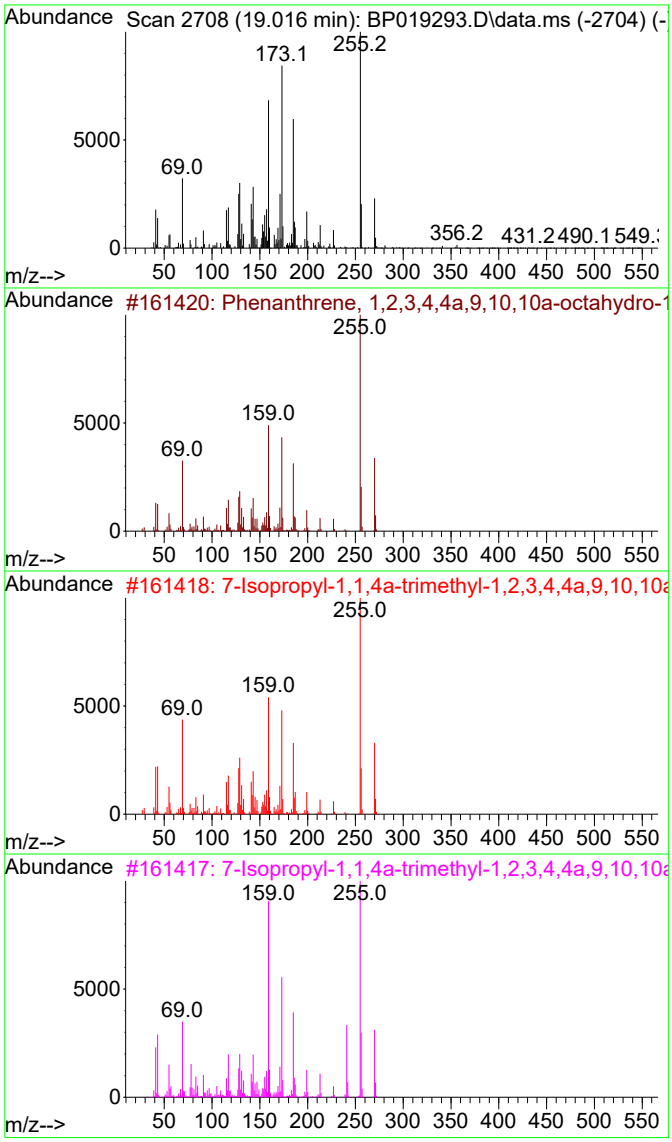
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

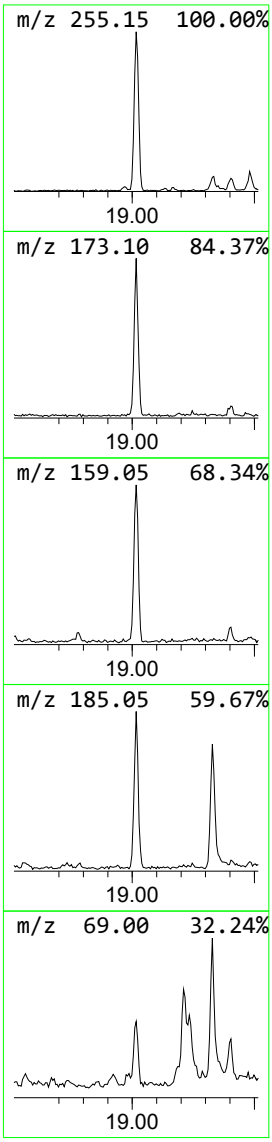
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Phenanthrene, 1,2,3,4,4a,9,... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.016	4.11 ng/ul	267461	Phenanthrene-d10	17.192

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,2,3,4,4a,9,10,10...	270	C20H30	019407-28-4	95
2	7-Isopropyl-1,1,4a-trimethyl-1,2...	270	C20H30	109680-01-5	94
3	7-Isopropyl-1,1,4a-trimethyl-1,2...	270	C20H30	109680-01-5	91
4	Phenanthrene, 1,2,3,4,4a,9,10,10...	270	C20H30	019407-28-4	89
5	Pyrazol-5-amine, 1-cyclohexyl-3-...	255	C16H21N3	311790-61-1	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010524\
Data File : BP019293.D
Acq On : 05 Jan 2024 22:10
Operator : MA/JU
Sample : 05953-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCFB1

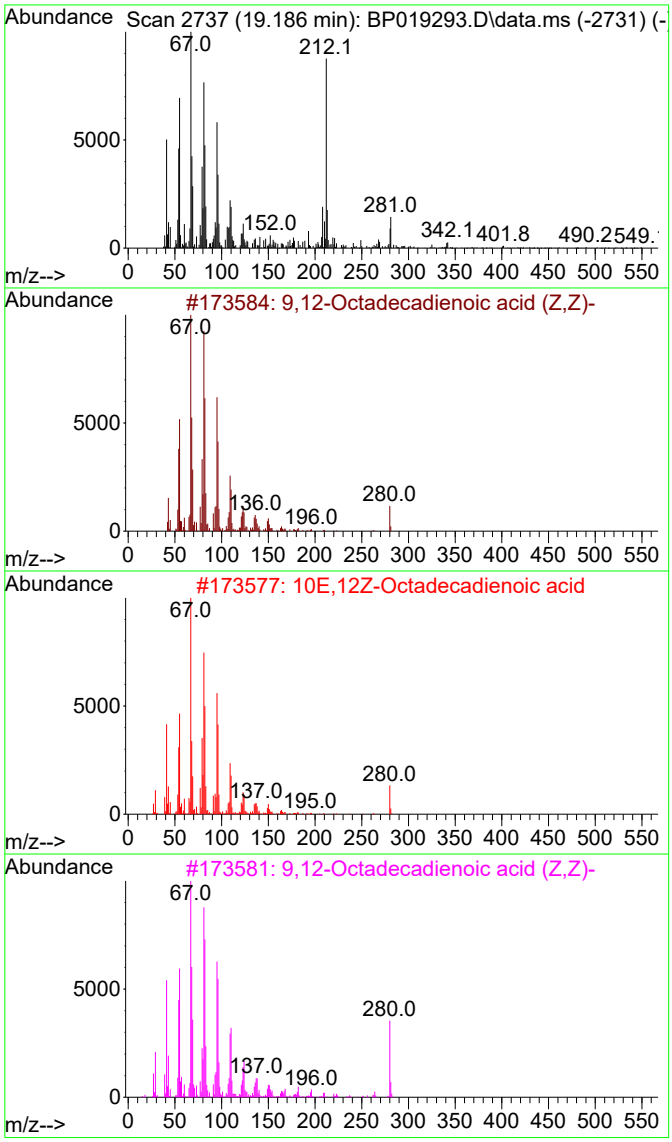
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

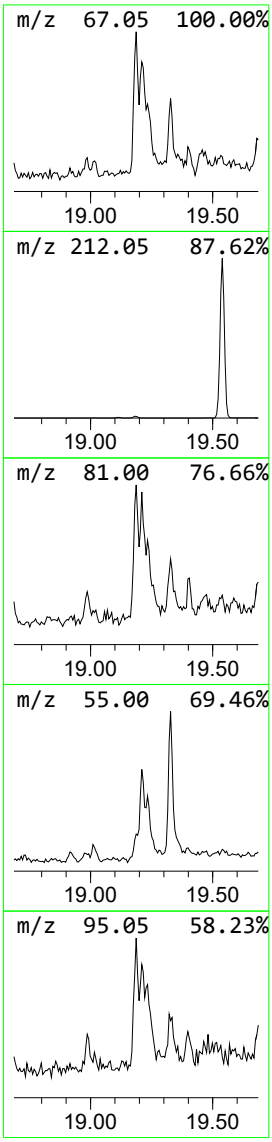
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 9,12-Octadecadienoic acid (... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.186	2.06 ng/ul	134126	Phenanthrene-d10	17.192

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	92
2	10E,12Z-Octadecadienoic acid	280	C18H32O2	002420-56-6	91
3	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	90
4	(9E,11E)-Octadecadienoic acid	280	C18H32O2	000544-71-8	64
5	Methyl 9,12-heptadecadienoate	280	C18H32O2	1000336-36-2	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010524\
Data File : BP019293.D
Acq On : 05 Jan 2024 22:10
Operator : MA/JU
Sample : 05953-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCFB1

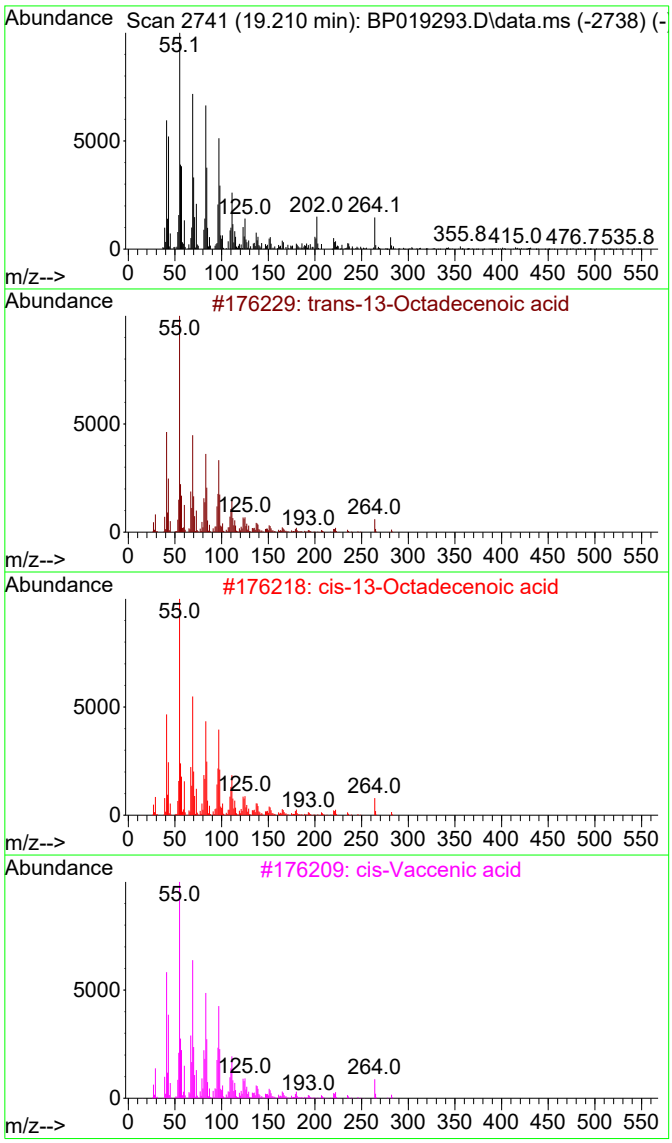
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

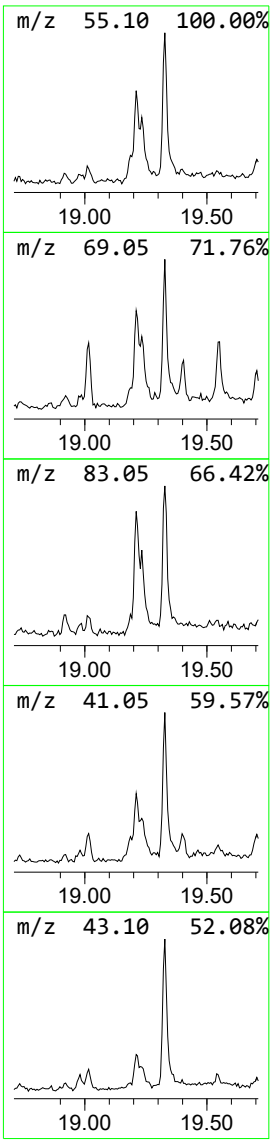
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 trans-13-Octadecenoic acid Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.210	2.31 ng/ul	150450	Phenanthrene-d10	17.192

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-13-Octadecenoic acid	282	C18H34O2	000693-71-0	93
2	cis-13-Octadecenoic acid	282	C18H34O2	013126-39-1	93
3	cis-Vaccenic acid	282	C18H34O2	000506-17-2	90
4	9-Hexadecenoic acid	254	C16H30O2	002091-29-4	81
5	Oxacyclotetradecane-2,11-dione, ...	240	C14H24O3	074685-36-2	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010524\
Data File : BP019293.D
Acq On : 05 Jan 2024 22:10
Operator : MA/JU
Sample : 05953-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCFB1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

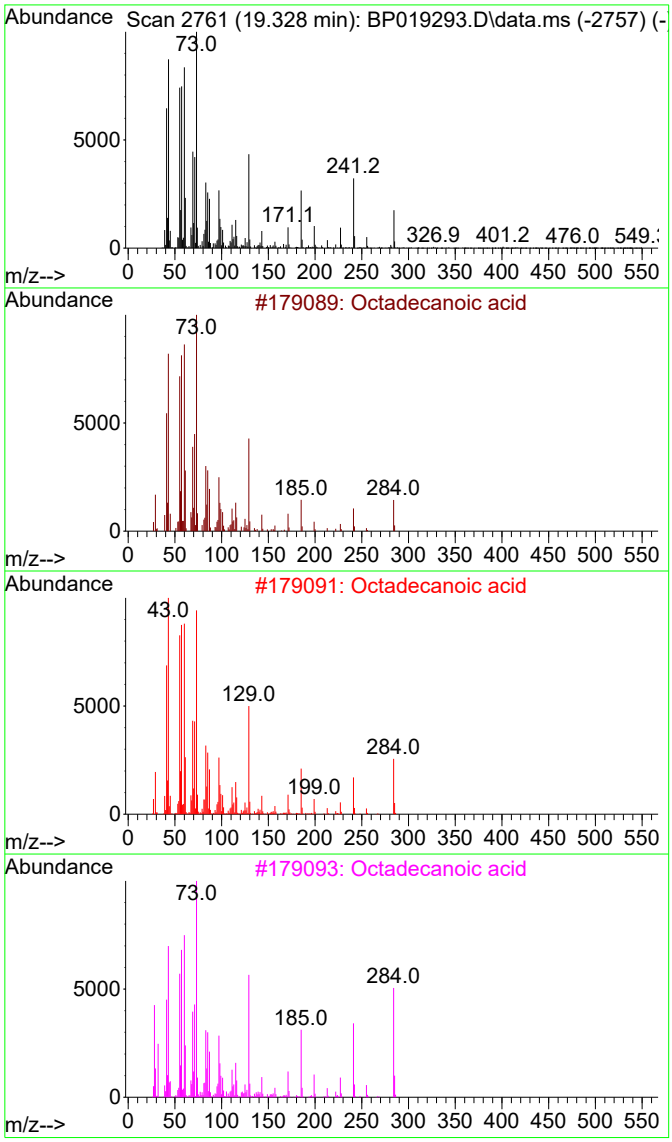
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

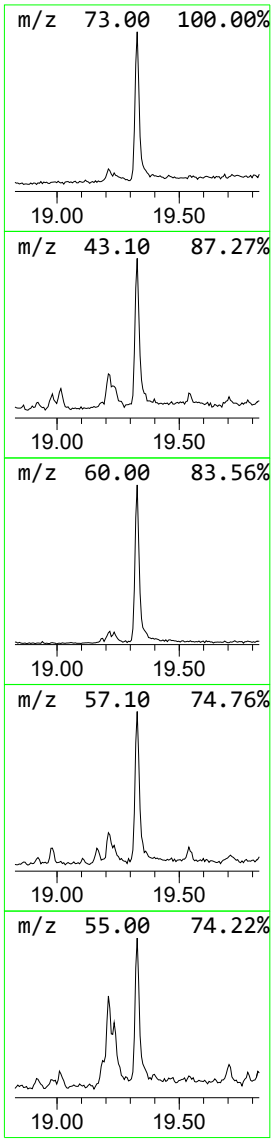
****

Peak Number 15 Octadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.328	5.96 ng/ul	587482	Chrysene-d12	21.298

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	97
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010524\
Data File : BP019293.D
Acq On : 05 Jan 2024 22:10
Operator : MA/JU
Sample : 05953-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCFB1

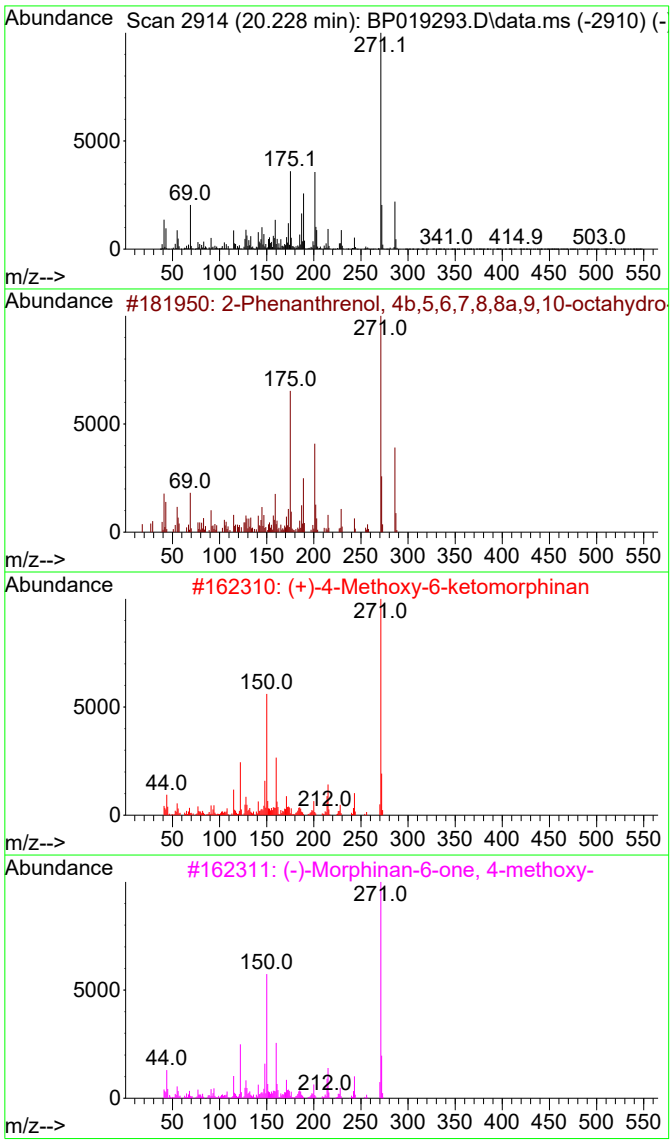
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

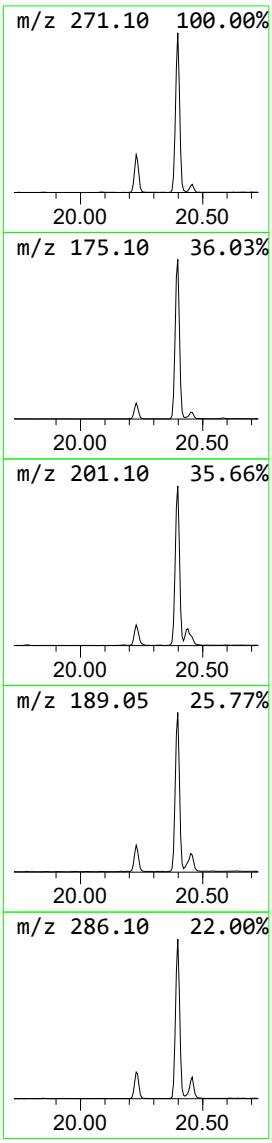
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 2-Phenanthrenol, 4b,5,6,7,8... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.228	14.39 ng/ul	1417100	Chrysene-d12	21.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenanthrenol, 4b,5,6,7,8,8a,9...	286	C20H30O	000511-15-9	91
2	(+)-4-Methoxy-6-ketomorphinan	271	C17H21NO2	1000129-08-5	50
3	(-)-Morphinan-6-one, 4-methoxy-	271	C17H21NO2	1000129-09-1	50
4	Pyrrolidine, 1-[5-(1,3-benzodiox...	271	C16H17NO3	025924-78-1	43
5	1-Methyl-3-phenyl-4-azafluorenone	271	C19H13NO	069751-55-9	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010524\
Data File : BP019293.D
Acq On : 05 Jan 2024 22:10
Operator : MA/JU
Sample : 05953-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCFB1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

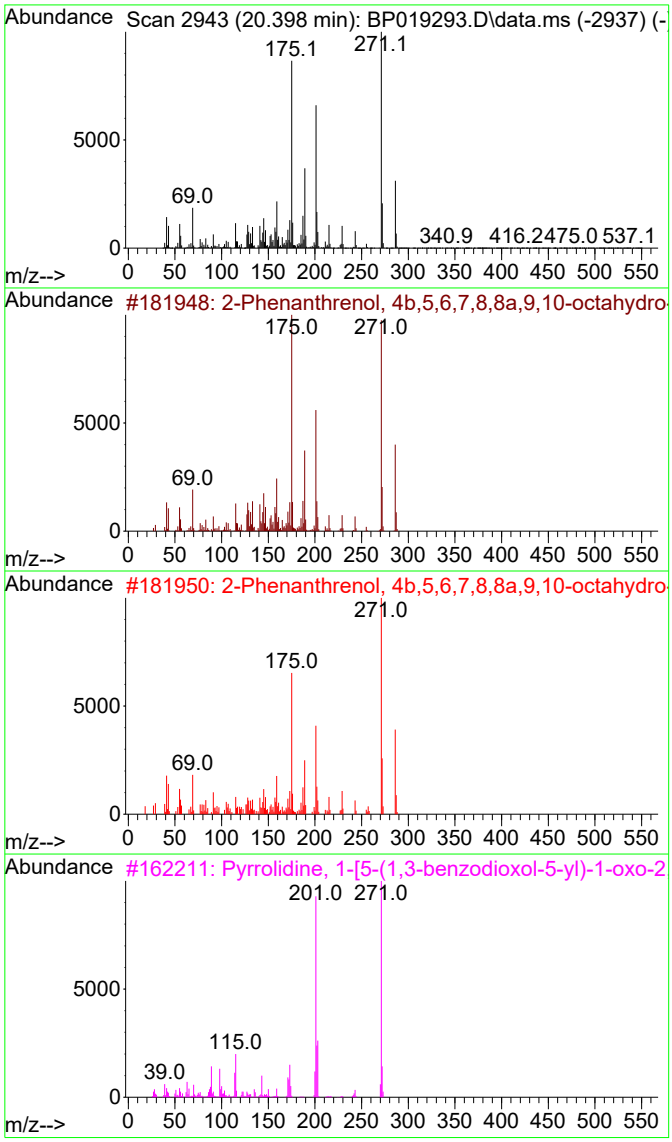
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

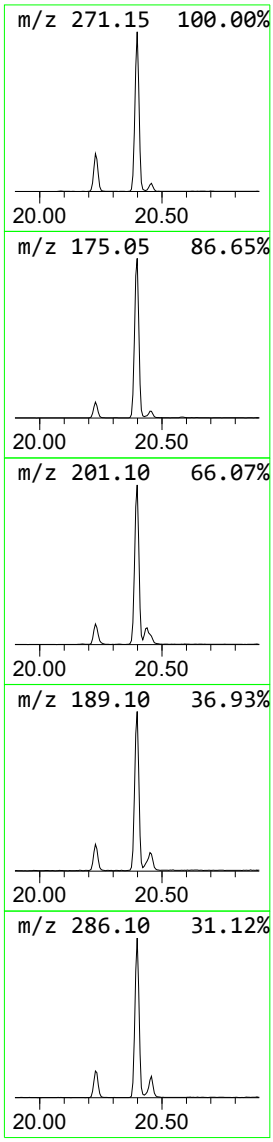
****

Peak Number 17 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.398	67.75 ng/ul	6673670	Chrysene-d12	21.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenanthrenol, 4b,5,6,7,8,8a,9...	286	C20H30O	000511-15-9	99
2	2-Phenanthrenol, 4b,5,6,7,8,8a,9...	286	C20H30O	000511-15-9	96
3	Pyrrolidine, 1-[5-(1,3-benzodiox...	271	C16H17NO3	025924-78-1	27
4	Silane, methylvinyl(3-methylbuto...	286	C16H34O2Si	1000416-31-4	27
5	1-Methyl-3-phenyl-4-azafluorenone	271	C19H13NO	069751-55-9	22





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010524\
Data File : BP019293.D
Acq On : 05 Jan 2024 22:10
Operator : MA/JU
Sample : 05953-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCFB1

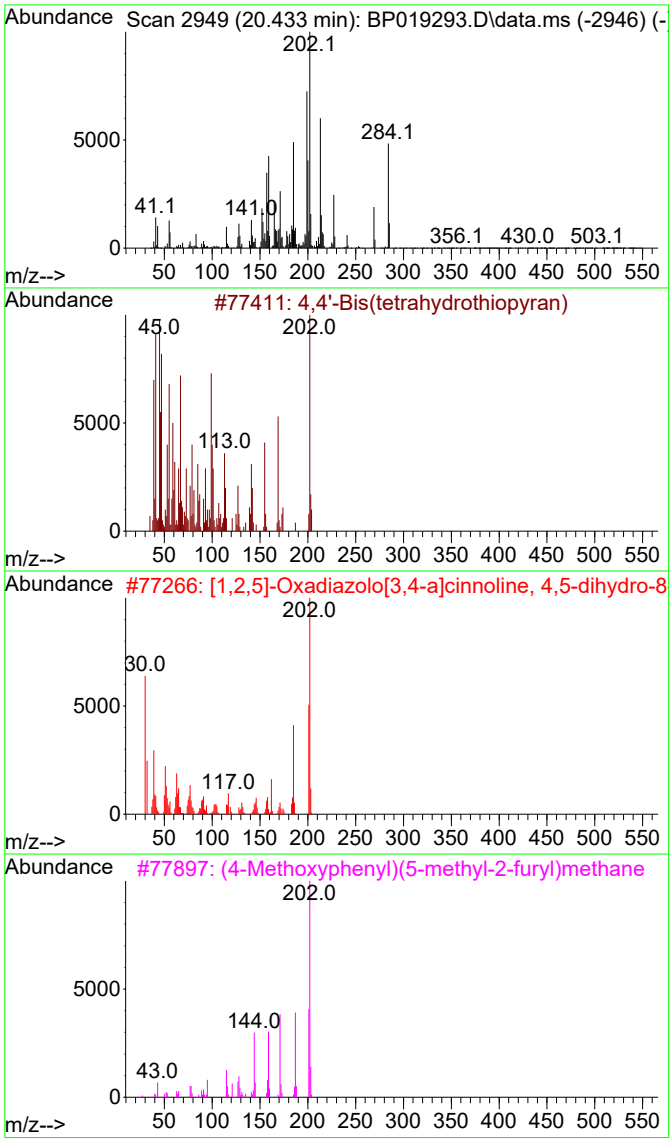
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

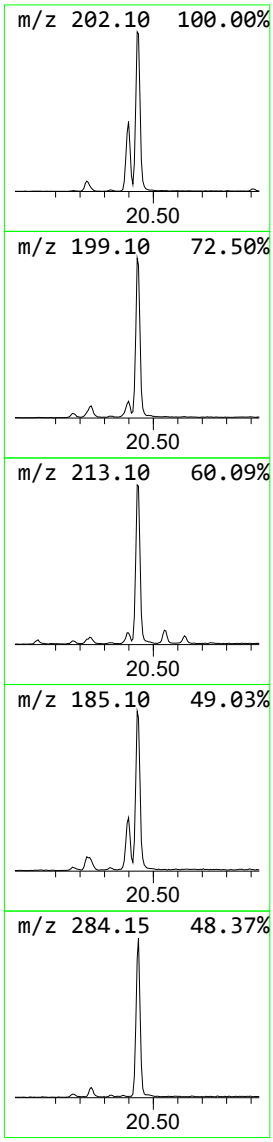
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 4,4'-Bis(tetrahydrothiopyran) Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.433	38.07 ng/ul	3750150	Chrysene-d12	21.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4'-Bis(tetrahydrothiopyran)	202	C10H18S2	116196-83-9	90
2	[1,2,5]-Oxadiazolo[3,4-a]cinnoli...	202	C10H10N4O	1000260-59-4	20
3	(4-Methoxyphenyl)(5-methyl-2-fur...	202	C13H14O2	1000440-64-7	20
4	8-Hydroxy-naphthoic acid, methyl...	202	C12H10O3	005991-56-0	18
5	2-(2-Methoxynaphthalen-1-yl)-2-m...	228	C15H16O2	032454-20-9	15





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010524\
Data File : BP019293.D
Acq On : 05 Jan 2024 22:10
Operator : MA/JU
Sample : 05953-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCFB1

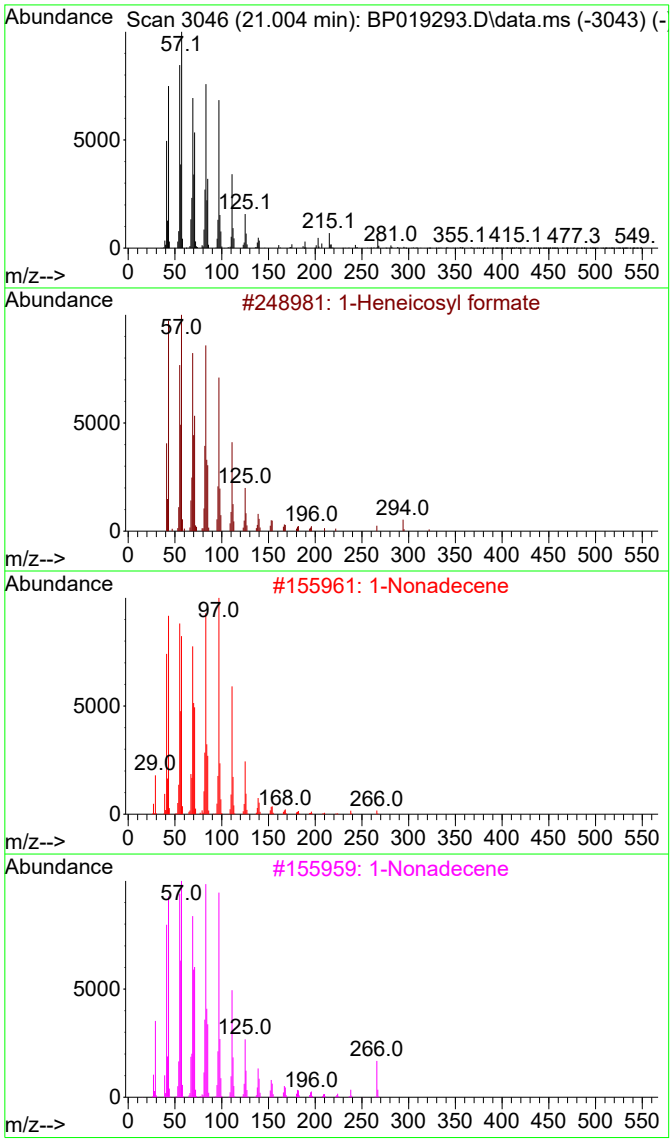
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

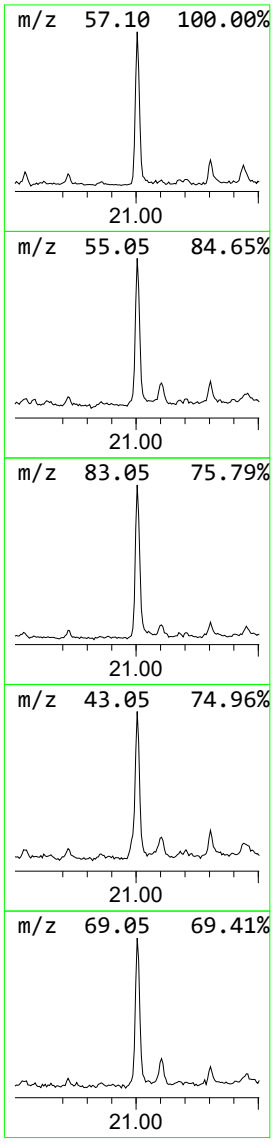
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 1-Heneicosyl formate Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.004	9.54 ng/ul	939876	Chrysene-d12	21.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	97
2	1-Nonadecene	266	C19H38	018435-45-5	95
3	1-Nonadecene	266	C19H38	018435-45-5	95
4	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	95
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010524\
Data File : BP019293.D
Acq On : 05 Jan 2024 22:10
Operator : MA/JU
Sample : 05953-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCFB1

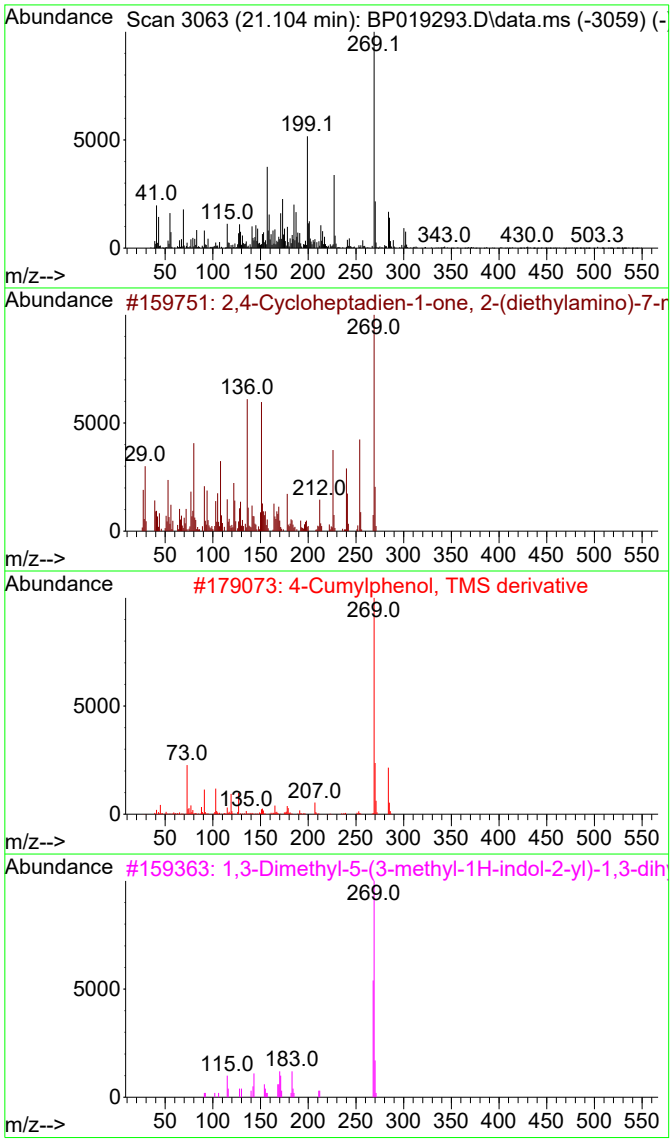
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

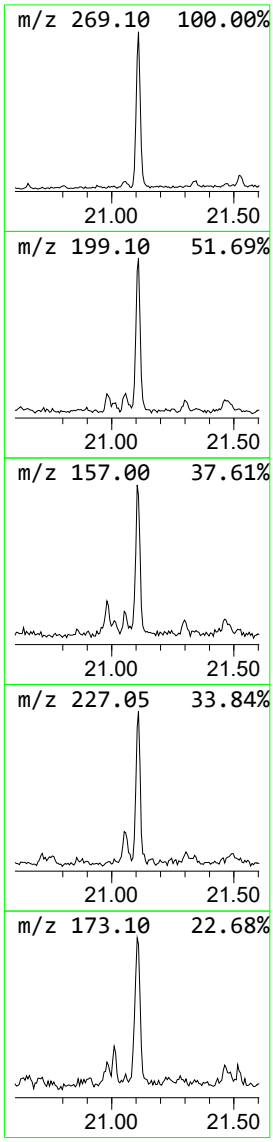
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 2,4-Cycloheptadien-1-one, 2... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.104	5.77 ng/ul	568370	Chrysene-d12	21.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Cycloheptadien-1-one, 2-(die...	269	C18H23NO	133436-07-4	80
2	4-Cumylphenol, TMS derivative	284	C18H24OSi	261502-93-6	46
3	1,3-Dimethyl-5-(3-methyl-1H-indo...	269	C15H15N3O2	066723-75-9	38
4	2,3-Diphenylindole	269	C20H15N	003469-20-3	30
5	1,2-Diphenyl-1H-indole	269	C20H15N	018434-12-3	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010524\
Data File : BP019293.D
Acq On : 05 Jan 2024 22:10
Operator : MA/JU
Sample : 05953-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCFB1

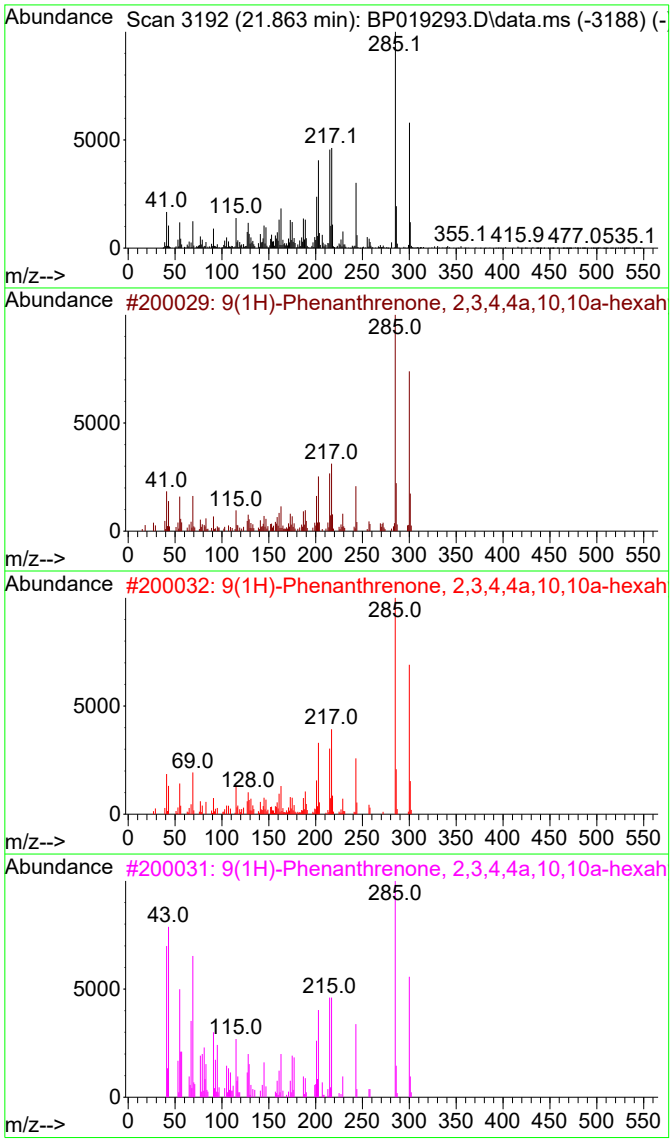
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

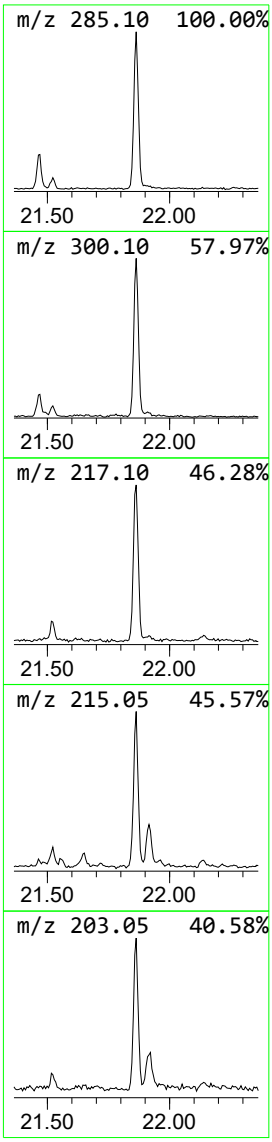
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 9(1H)-Phenanthrenone, 2,3,4... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.863	5.98 ng/ul	589114	Chrysene-d12	21.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9(1H)-Phenanthrenone, 2,3,4,4a,1...	300	C20H28O2	000511-05-7	95
2	9(1H)-Phenanthrenone, 2,3,4,4a,1...	300	C20H28O2	000511-05-7	94
3	9(1H)-Phenanthrenone, 2,3,4,4a,1...	300	C20H28O2	000511-05-7	91
4	Phenanthrene, 1,2,3,4,4a,9,10,10...	300	C21H32O	010064-26-3	72
5	Phenanthrene, 1,2,3,4,4a,9,10,10...	300	C21H32O	015340-83-7	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010524\
Data File : BP019293.D
Acq On : 05 Jan 2024 22:10
Operator : MA/JU
Sample : 05953-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCFB1

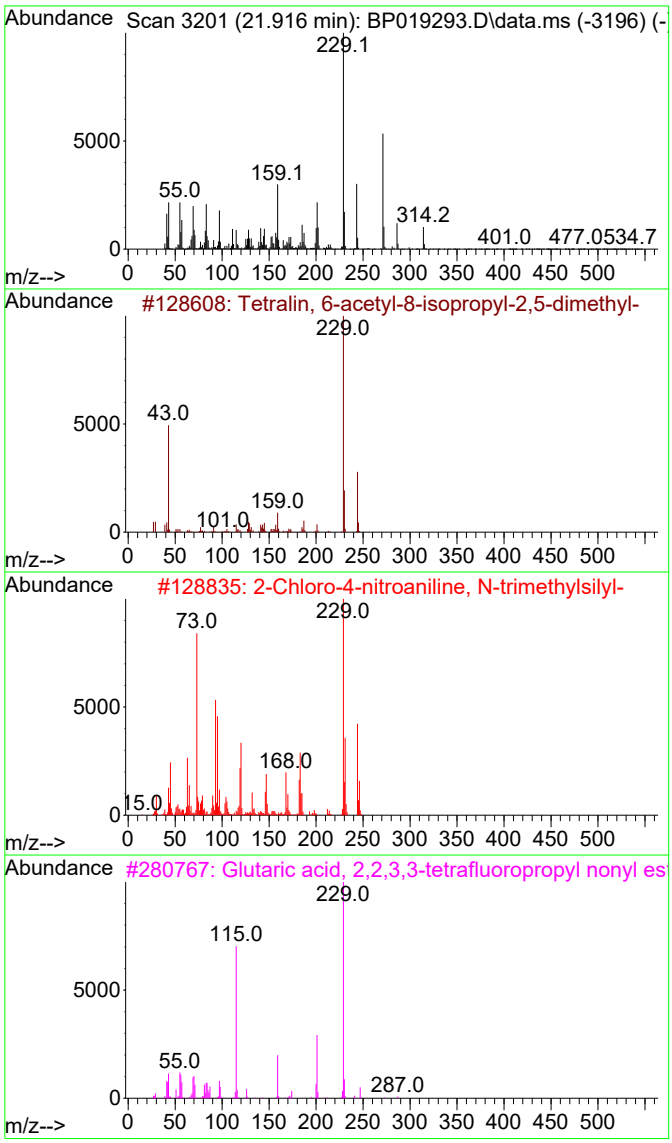
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

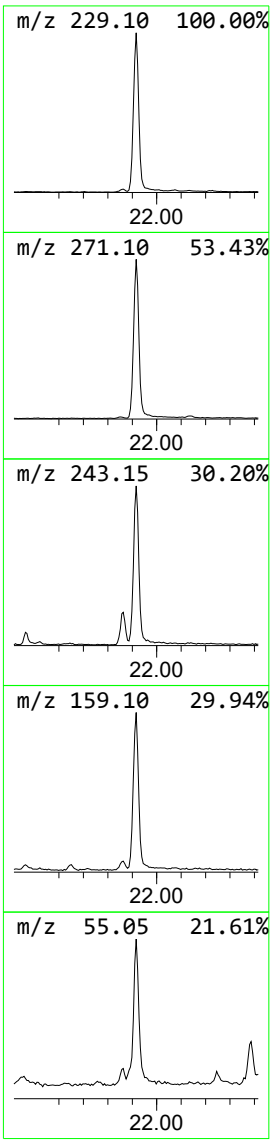
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Tetralin, 6-acetyl-8-isopro... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.916	32.35 ng/ul	3187080	Chrysene-d12	21.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetralin, 6-acetyl-8-isopropyl-2...	244	C17H24O	1000155-43-5	64
2	2-Chloro-4-nitroaniline, N-trime...	244	C9H13ClN2O2Si	1000461-74-7	38
3	Glutaric acid, 2,2,3,3-tetrafluo...	372	C17H28F4O4	1000391-51-7	38
4	6-Methyl-2-(methylthio)-4-pyrimi...	244	C9H16N2S2Si	1000479-10-2	30
5	2,8-Disilatricyclo[7.3.0.0(3,7)]...	244	C14H20Si2	1000163-56-4	30





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010524\
Data File : BP019293.D
Acq On : 05 Jan 2024 22:10
Operator : MA/JU
Sample : 05953-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCFB1

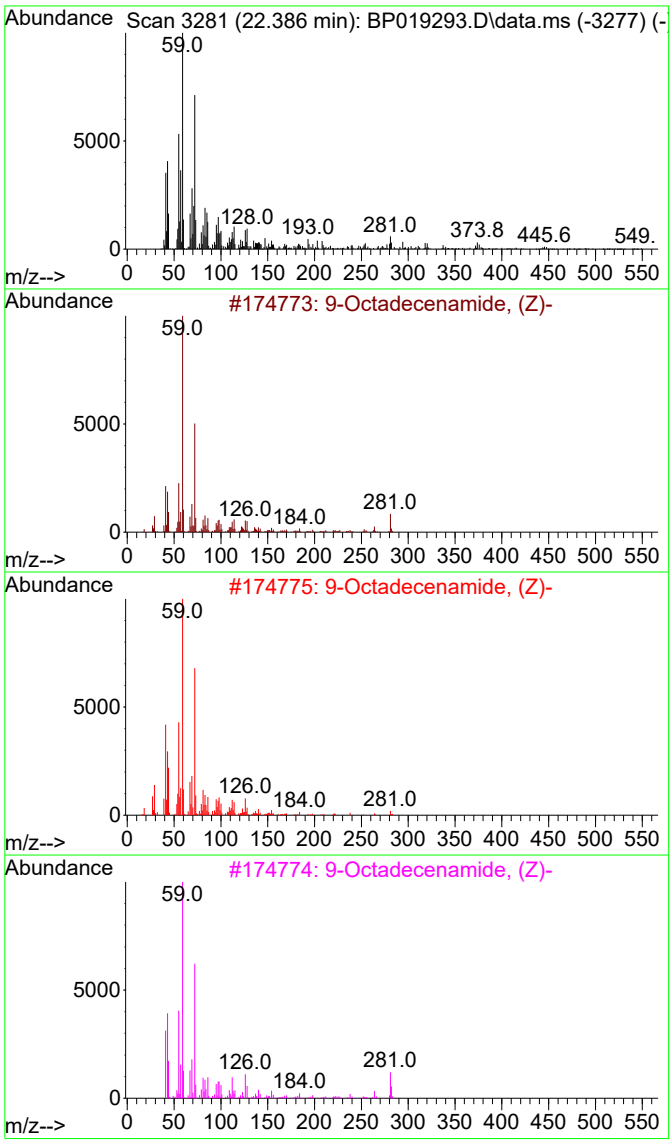
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

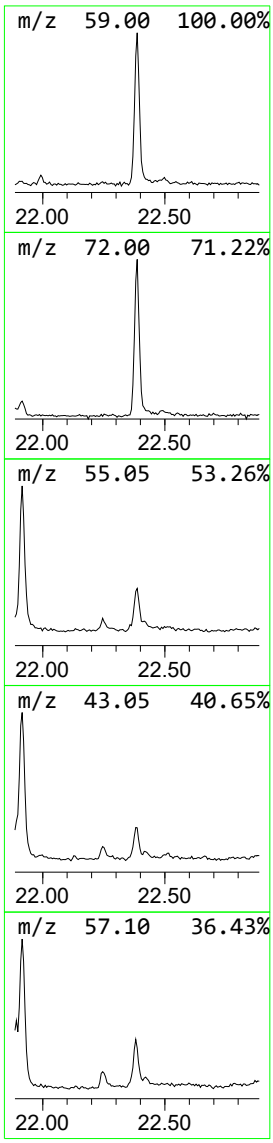
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 9-Octadecenamide, (Z)- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.386	3.41 ng/ul	336291	Chrysene-d12	21.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	93
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	92
3	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	91
4	9-Octadecenamide	281	C18H35NO	003322-62-1	90
5	Palmitoleamide	253	C16H31NO	106010-22-4	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010524\
Data File : BP019293.D
Acq On : 05 Jan 2024 22:10
Operator : MA/JU
Sample : 05953-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCFB1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.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
Naphthalene, 1,...	13.434	3.9	ng/ul	227408	3	14.440	1168960	20.0
Cycloisolongifo...	13.575	4.3	ng/ul	254192	3	14.440	1168960	20.0
Longifolene	13.698	35.8	ng/ul	2092520	3	14.440	1168960	20.0
Naphthalene, 1,...	13.746	14.9	ng/ul	868879	3	14.440	1168960	20.0
cis-Thujopsene	13.951	4.9	ng/ul	284339	3	14.440	1168960	20.0
(S)-4',5,5-trim...	14.252	2.1	ng/ul	121490	3	14.440	1168960	20.0
Bicyclo[2.2.1]h...	14.322	3.4	ng/ul	198453	3	14.440	1168960	20.0
Cedrol	15.722	38.3	ng/ul	2237300	3	14.440	1168960	20.0
Tricyclo[6.3.0....	15.928	4.1	ng/ul	266536	4	17.192	1301730	20.0
Palmitoleic acid	18.034	2.5	ng/ul	164901	4	17.192	1301730	20.0
n-Hexadecanoic ...	18.092	18.6	ng/ul	1213850	4	17.192	1301730	20.0
Phenanthrene, 1...	19.016	4.1	ng/ul	267461	4	17.192	1301730	20.0
9,12-Octadecadi...	19.186	2.1	ng/ul	134126	4	17.192	1301730	20.0
trans-13-Octade...	19.210	2.3	ng/ul	150450	4	17.192	1301730	20.0
Octadecanoic acid	19.328	6.0	ng/ul	587482	5	21.298	1970120	20.0
2-Phenanthrenol...	20.228	14.4	ng/ul	1417100	5	21.298	1970120	20.0
unknown-01	20.398	67.8	ng/ul	6673670	5	21.298	1970120	20.0
4,4'-Bis(tetrah...	20.433	38.1	ng/ul	3750150	5	21.298	1970120	20.0
1-Heneicosyl fo...	21.004	9.5	ng/ul	939876	5	21.298	1970120	20.0
2,4-Cycloheptad...	21.104	5.8	ng/ul	568370	5	21.298	1970120	20.0
9(1H)-Phenanthr...	21.863	6.0	ng/ul	589114	5	21.298	1970120	20.0
Tetralin, 6-ace...	21.916	32.4	ng/ul	3187080	5	21.298	1970120	20.0
9-Octadecenamid...	22.386	3.4	ng/ul	336291	5	21.298	1970120	20.0