LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010224\
Data File : BP019236.D
Acq On : 03 Jan 2024 07:38
Operator : MA/JU
Sample : 05952-04
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCF89

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: BP019236.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.240	22	26	35	rVB	63360	94904	0.30%	0.053%
2	3.663	94	98	112	rBV	622945	936757	2.97%	0.527%
3	3.775	113	117	123	rVV	49001	75239	0.24%	0.042%
4	6.469	570	575	582	rVB	136727	209119	0.66%	0.118%
5	6.993	656	664	673	rVB	839977	1334674	4.23%	0.750%
6	7.098	677	682	684	rVV2	21879	33710	0.11%	0.019%
7	7.140	684	689	701	rVB	658879	1013849	3.21%	0.570%
8	7.334	715	722	733	rBV	873241	1354070	4.29%	0.761%
9	7.687	778	782	790	rVB	66479	104694	0.33%	0.059%
10	7.798	793	801	809	rBV	624439	968628	3.07%	0.545%
11	8.010	832	837	842	rBV3	20312	33833	0.11%	0.019%
12	8.528	918	925	936	rBV	974084	1573764	4.99%	0.885%
13	8.963	993	999	1010	rBV	742698	1234705	3.91%	0.694%
14	9.551	1092	1099	1107	rVB	124545	205259	0.65%	0.115%
15	9.687	1114	1122	1129	rBV	642565	1063279	3.37%	0.598%
16	10.228	1204	1214	1233	rBV	1000546	1733619	5.49%	0.975%
17	10.598	1269	1277	1284	rVB	736858	1236482	3.92%	0.695%
18	10.745	1294	1302	1316	rBV	675663	1234193	3.91%	0.694%
19	12.133	1529	1538	1542	rBV3	29347	57362	0.18%	0.032%
20	12.186	1542	1547	1554	rVB2	20875	38053	0.12%	0.021%
21	12.939	1670	1675	1683	rBV	259496	395654	1.25%	0.222%
22	13.122	1701	1706	1710	rBV	83457	116137	0.37%	0.065%
23	13.169	1710	1714	1718	rBV3	55524	80034	0.25%	0.045%
24	13.222	1718	1723	1730	rBV2	406199	767404	2.43%	0.432%
25	13.286	1730	1734	1736	rBV3	39911	47373	0.15%	0.027%
26	13.322	1736	1740	1741	rBV2	86629	111223	0.35%	0.063%
27	13.380	1747	1750	1755	rVB3	47663	66923	0.21%	0.038%
28	13.445	1755	1761	1766	rBV	1092437	1516065	4.80%	0.852%
29	13.516	1766	1773	1777	rBV2	58732	105543	0.33%	0.059%
30	13.586	1778	1785	1788	rBV	1818463	3035215	9.62%	1.707%
31	13.616	1788	1790	1798	rVB3	556683	801174	2.54%	0.450%
32	13.704	1798	1805	1810	rBV	6292766	9838468	31.17%	5.532%
33	13.751	1810	1813	1823	rVB2	1523124	2323729	7.36%	1.307%
34	13.863	1824	1832	1837	rBV	2019644	2851213	9.03%	1.603%
35	13.957	1842	1848	1855	rVB	1879202	2814656	8.92%	1.583%
36	14.139	1866	1879	1887	rBV	2008500	3482364	11.03%	1.958%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010224\
Data File : BP019236.D
Acq On : 03 Jan 2024 07:38
Operator : MA/JU
Sample : 05952-04
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCF89

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	14.222	1887	1893	1895	rVV2	190374	342592	1.09%	0.193%
38	14.263	1895	1900	1907	rVV2	1198631	2170874	6.88%	1.221%
39	14.333	1907	1912	1917	rVV	2104972	2921710	9.26%	1.643%
40	14.445	1917	1931	1938	rVV2	1328973	3143055	9.96%	1.767%
41	14.510	1938	1942	1947	rVV2	396764	601318	1.91%	0.338%
42	14.592	1951	1956	1960	rVV2	441857	654439	2.07%	0.368%
43	14.645	1960	1965	1967	rVV4	74383	153255	0.49%	0.086%
44	14.692	1967	1973	1982	rVB2	1918585	3354474	10.63%	1.886%
45	14.810	1988	1993	2001	rBV2	185352	295636	0.94%	0.166%
46	14.898	2002	2008	2010	rVV	404856	585348	1.85%	0.329%
47	14.927	2010	2013	2018	rVB	778823	1000725	3.17%	0.563%
48	14.974	2018	2021	2024	rBV	57230	82042	0.26%	0.046%
49	15.116	2041	2045	2051	rVB3	132216	275448	0.87%	0.155%
50	15.174	2051	2055	2060	rVB	53860	78800	0.25%	0.044%
51	15.274	2069	2072	2076	rVB4	31329	42136	0.13%	0.024%
52	15.333	2078	2082	2086	rBV6	37274	63749	0.20%	0.036%
53	15.439	2094	2100	2108	rBV	2649841	3715822	11.77%	2.089%
54	15.574	2117	2123	2127	rBV	718608	1028327	3.26%	0.578%
55	15.610	2127	2129	2133	rVV2	170591	212713	0.67%	0.120%
56	15.674	2135	2140	2144	rVV2	525041	803529	2.55%	0.452%
57	15.727	2144	2149	2158	rVB	3384619	4865384	15.41%	2.736%
58	15.827	2163	2166	2169	rVV3	137921	229836	0.73%	0.129%
59	15.863	2169	2172	2175	rVV3	191769	275275	0.87%	0.155%
60	15.898	2175	2178	2180	rVV	264027	340383	1.08%	0.191%
61	15.933	2180	2184	2195	rVB	2414397	3552646	11.26%	1.998%
62	16.092	2204	2211	2217	rVB2	199684	340999	1.08%	0.192%
63	16.169	2219	2224	2232	rBV7	140067	375706	1.19%	0.211%
64	16.469	2269	2275	2278	rBV7	65048	134881	0.43%	0.076%
65	16.586	2291	2295	2302	rVB5	82774	181222	0.57%	0.102%
66	16.857	2336	2341	2347	rBV	254254	424189	1.34%	0.239%
67	17.045	2370	2373	2379	rVB5	102738	155144	0.49%	0.087%
68	17.198	2394	2399	2404	rBV	1433849	2076072	6.58%	1.167%
69	17.245	2404	2407	2411	rVB	159835	186175	0.59%	0.105%
70	17.298	2411	2416	2421	rBV	2952145	4235974	13.42%	2.382%
71	17.421	2430	2437	2445	rVB3	434928	1123222	3.56%	0.632%
72	17.563	2459	2461	2464	rBV2	39807	45667	0.14%	0.026%
73	18.057	2539	2545	2548	rBV5	208237	499685	1.58%	0.281%
74	18.098	2548	2552	2566	rVB	1207454	1751713	5.55%	0.985%
75	19.027	2705	2710	2715	rVB	1444810	1806469	5.72%	1.016%
76	19.221	2740	2743	2746	rBV	222696	238435	0.76%	0.134%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010224\
Data File : BP019236.D
Acq On : 03 Jan 2024 07:38
Operator : MA/JU
Sample : 05952-04
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCF89

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	19.339	2759	2763	2772	rBV	1076998	1498809	4.75%	0.843%
78	19.545	2793	2798	2807	rBV	3943734	5502622	17.43%	3.094%
79	19.710	2823	2826	2831	rVB	371653	476826	1.51%	0.268%
80	19.792	2837	2840	2845	rVB	420790	466746	1.48%	0.262%
81	19.857	2848	2851	2854	rVB	286251	325894	1.03%	0.183%
82	20.045	2881	2883	2890	rVB3	280604	361526	1.15%	0.203%
83	20.180	2902	2906	2911	rBV	667737	943825	2.99%	0.531%
84	20.239	2911	2916	2924	rVV	4014170	5855226	18.55%	3.292%
85	20.409	2939	2945	2949	rBV	21343234	31562754	100.00%	17.747%
86	20.445	2949	2951	2958	rVB2	7086270	9136455	28.95%	5.137%
87	21.015	3045	3048	3053	rVB2	989231	1257714	3.98%	0.707%
88	21.104	3060	3063	3070	rVB3	889844	1437030	4.55%	0.808%
89	21.304	3093	3097	3102	rVB	2090616	2660476	8.43%	1.496%
90	21.474	3123	3126	3132	rVB2	493355	812103	2.57%	0.457%
91	21.656	3154	3157	3161	rBV	473424	555085	1.76%	0.312%
92	21.880	3190	3195	3198	rBV2	1758680	2946999	9.34%	1.657%
93	21.933	3198	3204	3214	rVB	9109298	15221619	48.23%	8.559%
94	23.521	3468	3474	3490	rVB2	3222194	6737714	21.35%	3.789%
95	23.674	3495	3500	3507	rVB	1487554	2831358	8.97%	1.592%

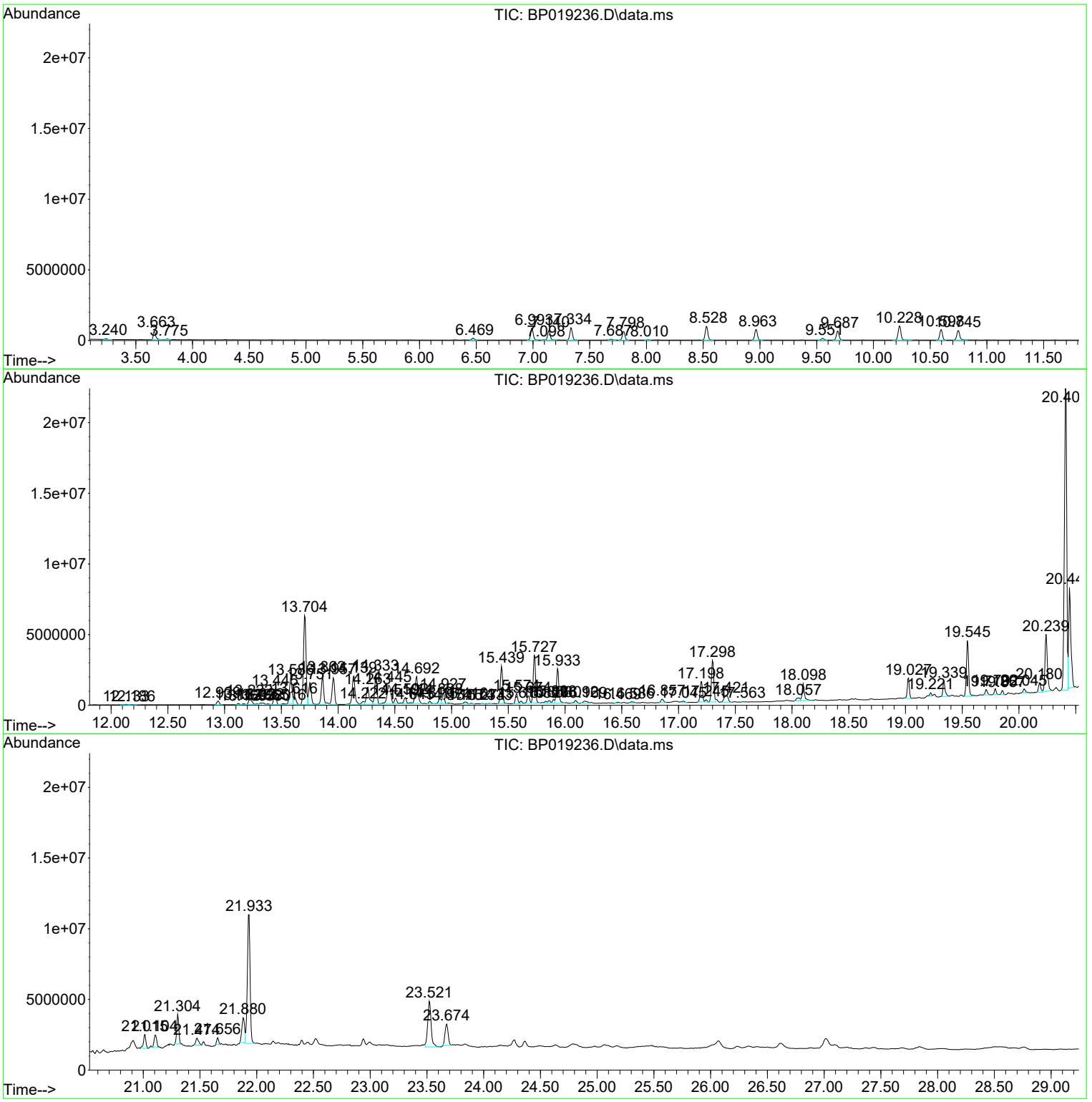
Sum of corrected areas: 177845218

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010224\
Data File : BP019236.D
Acq On : 03 Jan 2024 07:38
Operator : MA/JU
Sample : 05952-04
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCF89

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\BP010224\
Data File : BP019236.D
Acq On : 03 Jan 2024 07:38
Operator : MA/JU
Sample : 05952-04
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCF89

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

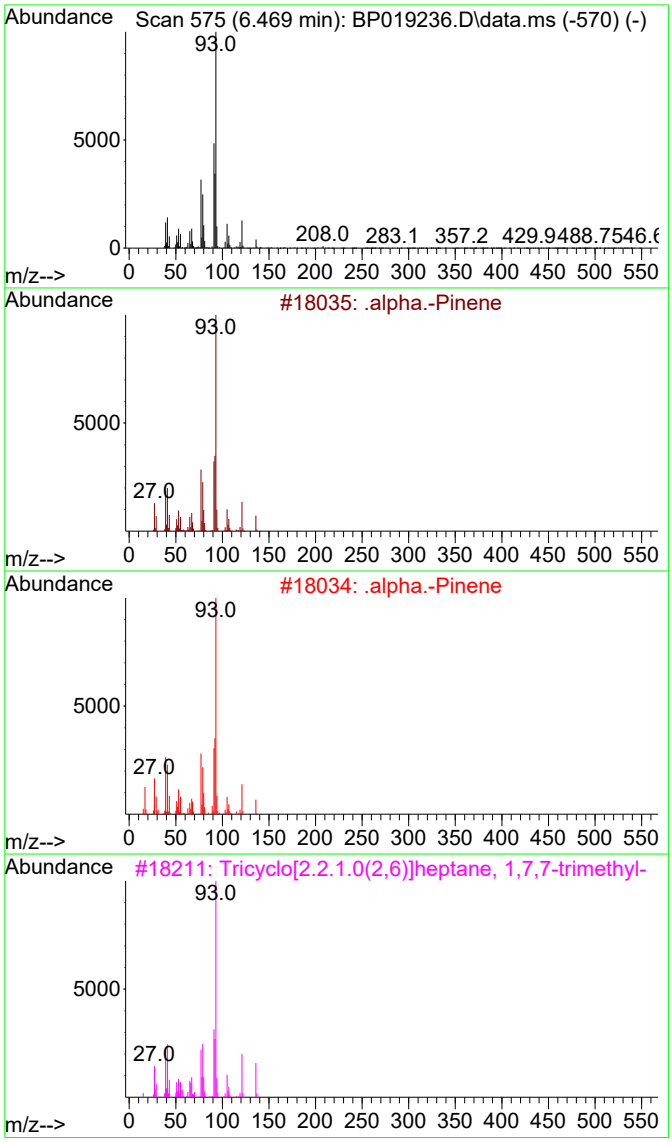
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

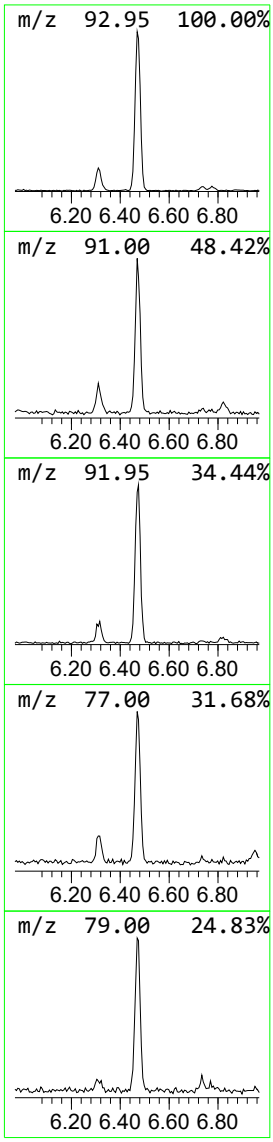
****

Peak Number 1 .alpha.-Pinene Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.469	4.32 ng/ul	209119	1,4-Dichlorobenzene-d4	7.798

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Pinene	136	C10H16	000080-56-8	95
2	.alpha.-Pinene	136	C10H16	000080-56-8	91
3	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	91
4	.gamma.-Terpinene	136	C10H16	000099-85-4	91
5	(+)-3-Carene	136	C10H16	000498-15-7	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010224\
Data File : BP019236.D
Acq On : 03 Jan 2024 07:38
Operator : MA/JU
Sample : 05952-04
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCF89

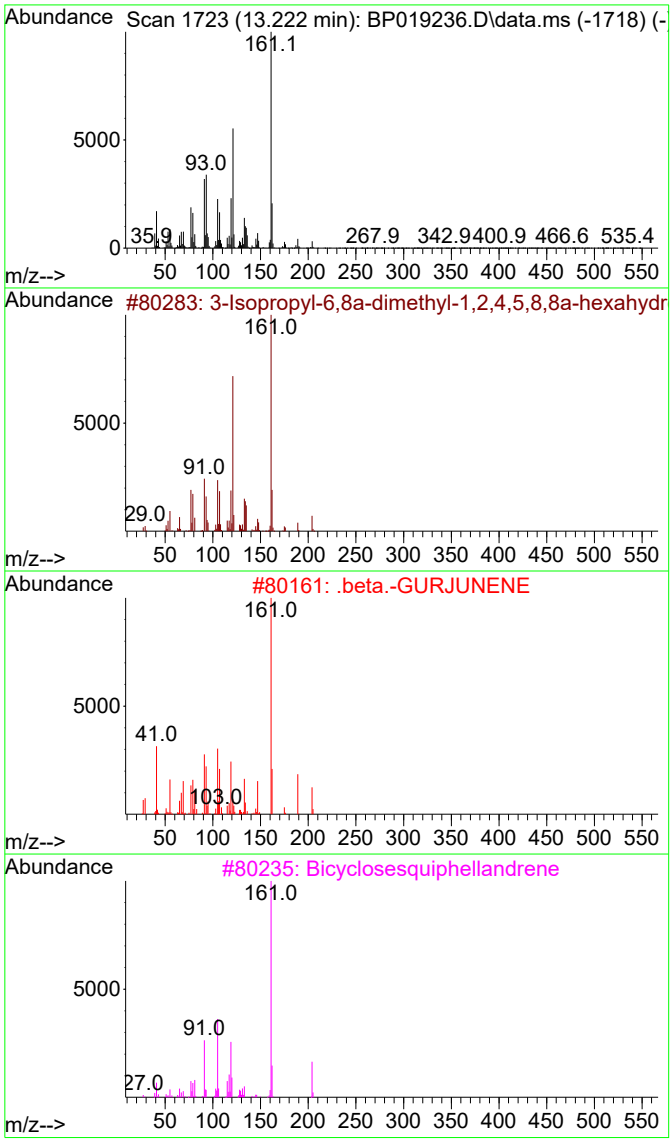
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

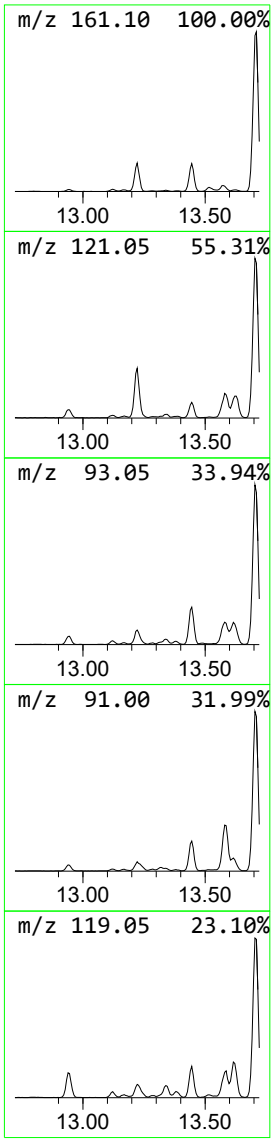
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 3-Isopropyl-6,8a-dimethyl-1... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.222	4.88 ng/ul	767404	Acenaphthene-d10	14.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Isopropyl-6,8a-dimethyl-1,2,4,...	204	C15H24	016661-00-0	87
2	.beta.-GURJUNENE	204	C15H24	1000425-17-9	87
3	Bicyclosesquiphellandrene	204	C15H24	054324-03-7	70
4	cis-Muurola-4(15),5-diene	204	C15H24	157477-72-0	64
5	1H-Cyclopropa[a]naphthalene, 1a,...	204	C15H24	017334-55-3	62





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010224\
Data File : BP019236.D
Acq On : 03 Jan 2024 07:38
Operator : MA/JU
Sample : 05952-04
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCF89

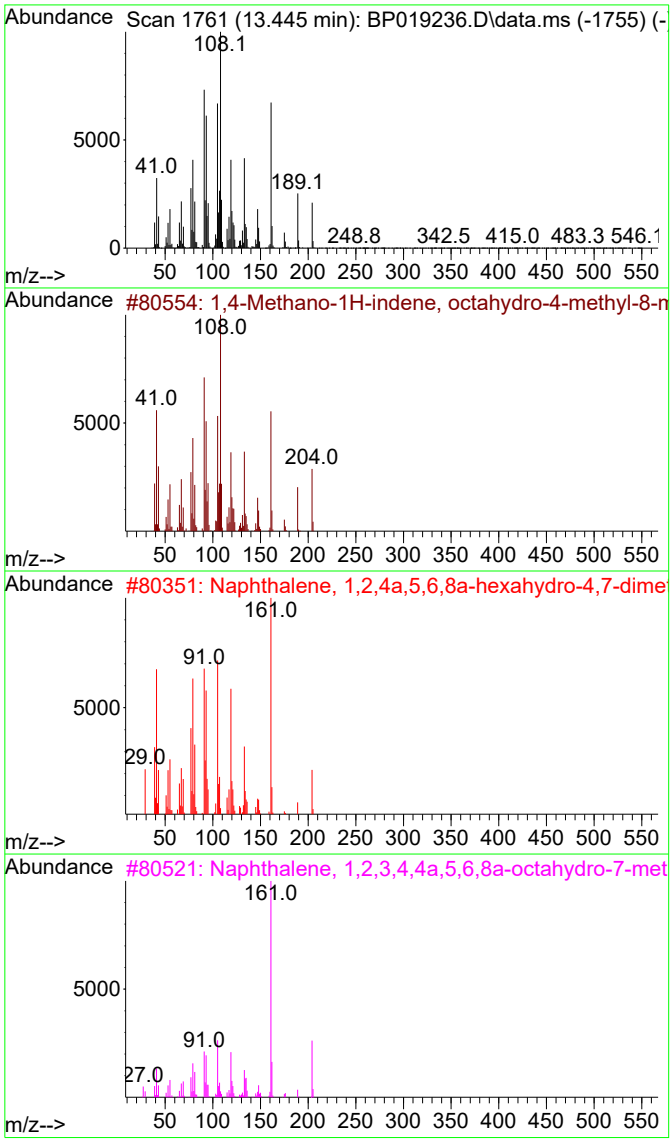
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

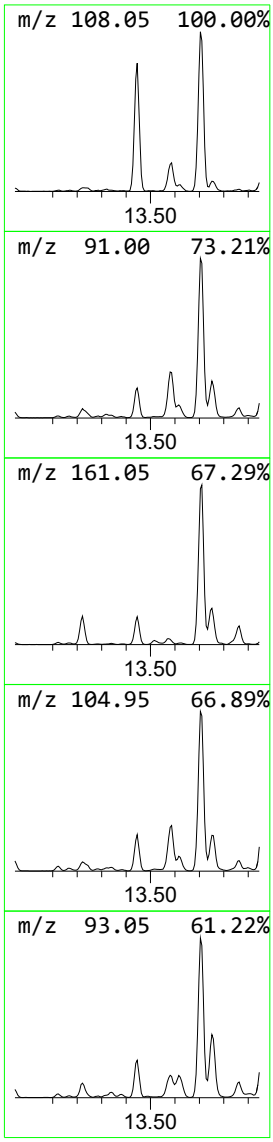
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1,4-Methano-1H-indene, octa... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.445	9.65 ng/ul	1516070	Acenaphthene-d10	14.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Methano-1H-indene, octahydro...	204	C15H24	003650-28-0	98
2	Naphthalene, 1,2,4a,5,6,8a-hexah...	204	C15H24	000483-75-0	94
3	Naphthalene, 1,2,3,4,4a,5,6,8a-o...	204	C15H24	039029-41-9	89
4	.gamma.-Muurolene	204	C15H24	030021-74-0	86
5	Longifolene	204	C15H24	000475-20-7	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010224\
Data File : BP019236.D
Acq On : 03 Jan 2024 07:38
Operator : MA/JU
Sample : 05952-04
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCF89

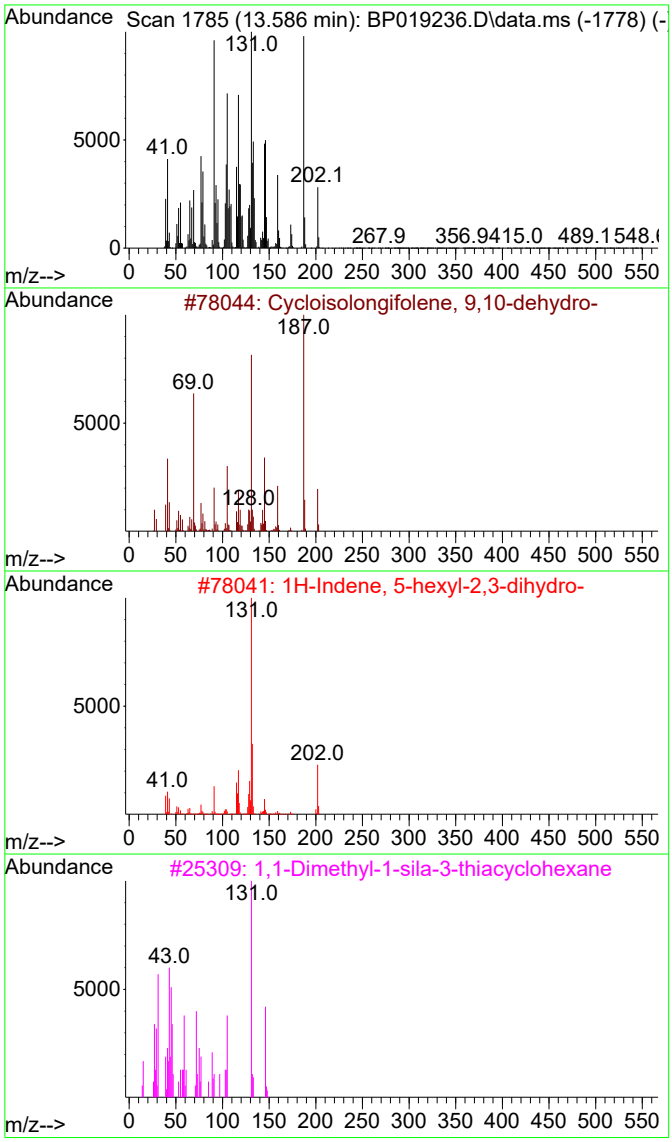
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

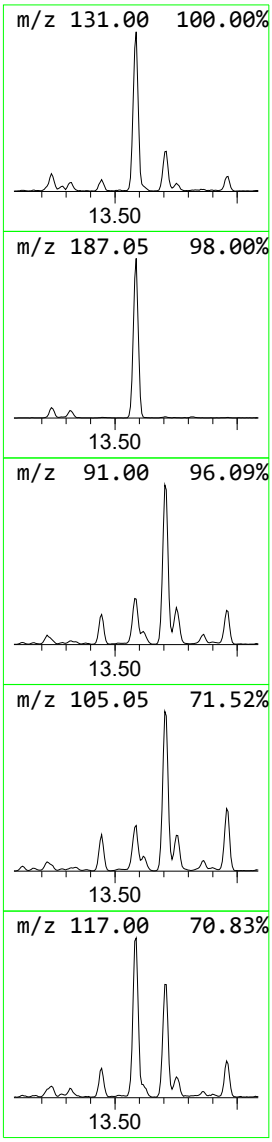
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Cycloisolongifolene, 9,10-d... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.586	19.31 ng/ul	3035220	Acenaphthene-d10	14.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloisolongifolene, 9,10-dehydro-	202	C15H22	1000156-81-6	60
2	1H-Indene, 5-hexyl-2,3-dihydro-	202	C15H22	054889-55-3	42
3	1,1-Dimethyl-1-sila-3-thiacycloh...	146	C6H14SSi	018163-14-9	41
4	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	38
5	4a,8a-Ethenonaphthalene, 1,2,3,4...	160	C12H16	024139-32-0	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010224\
Data File : BP019236.D
Acq On : 03 Jan 2024 07:38
Operator : MA/JU
Sample : 05952-04
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCF89

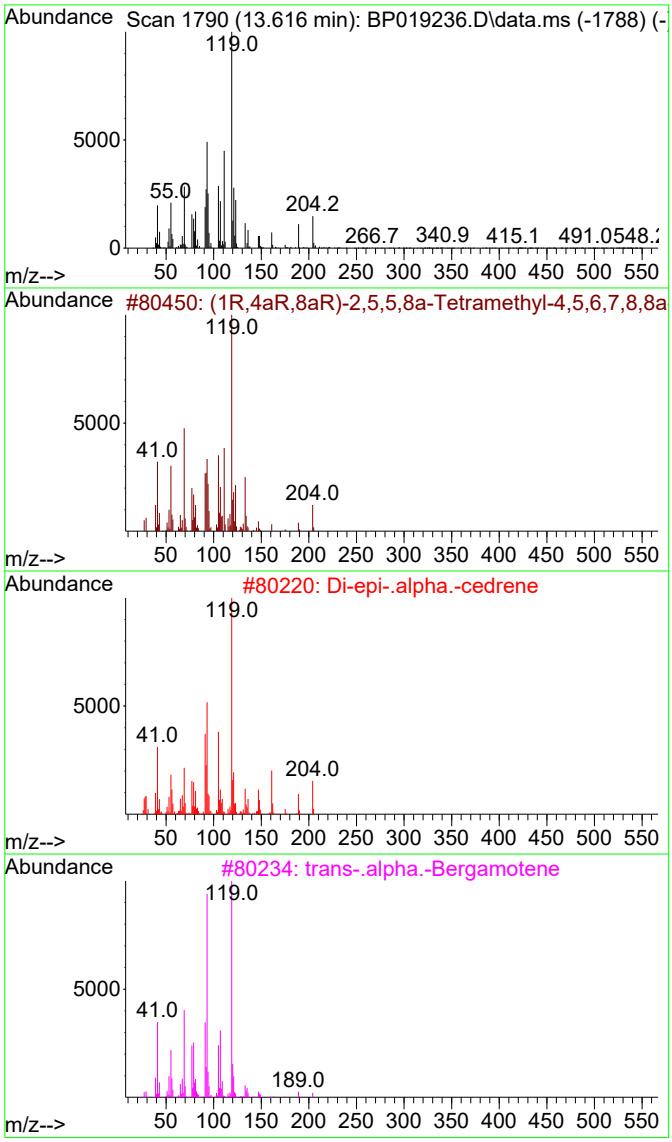
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

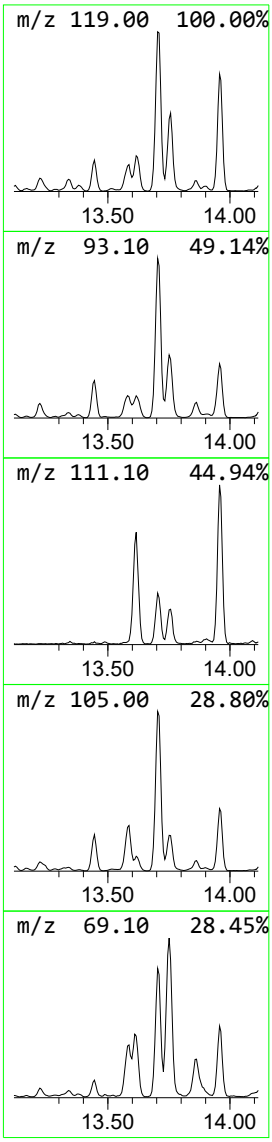
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (1R,4aR,8aR)-2,5,5,8a-Tetra... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.616	5.10 ng/ul	801174	Acenaphthene-d10	14.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1R,4aR,8aR)-2,5,5,8a-Tetramethy...	204	C15H24	079562-96-2	80
2	Di-epi-.alpha.-cedrene	204	C15H24	050894-66-1	70
3	trans-.alpha.-Bergamotene	204	C15H24	013474-59-4	53
4	(R)-1-Methyl-4-(6-methylhept-5-e...	204	C15H24	028976-67-2	53
5	1H-3a,7-Methanoazulene, 2,3,4,7,...	204	C15H24	000469-61-4	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010224\
Data File : BP019236.D
Acq On : 03 Jan 2024 07:38
Operator : MA/JU
Sample : 05952-04
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCF89

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

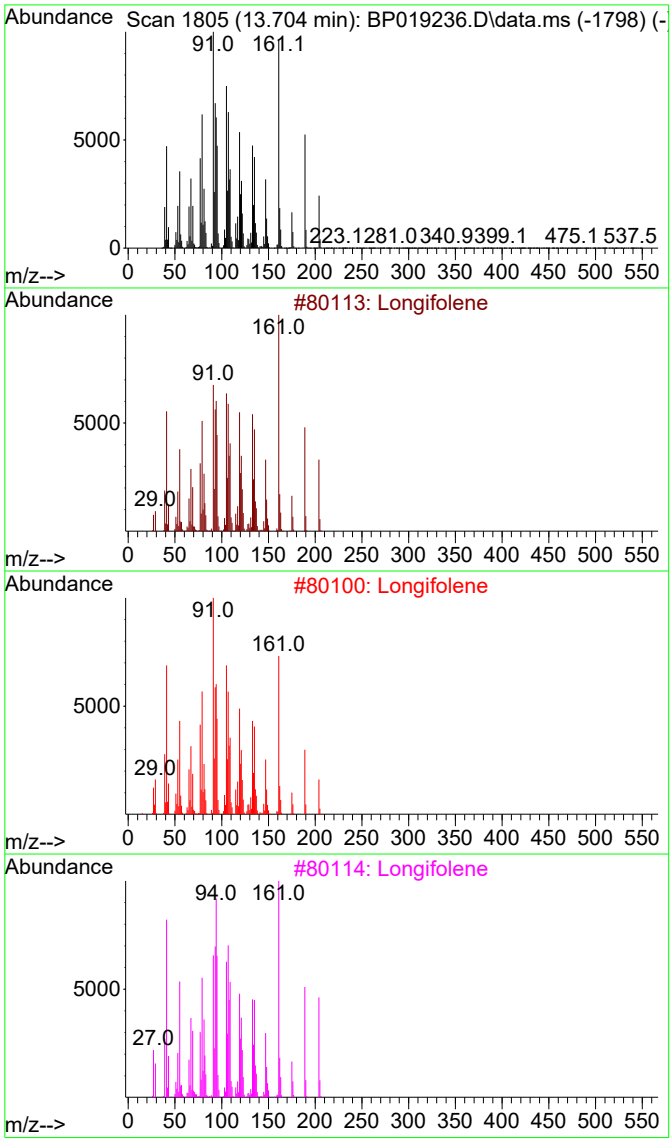
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

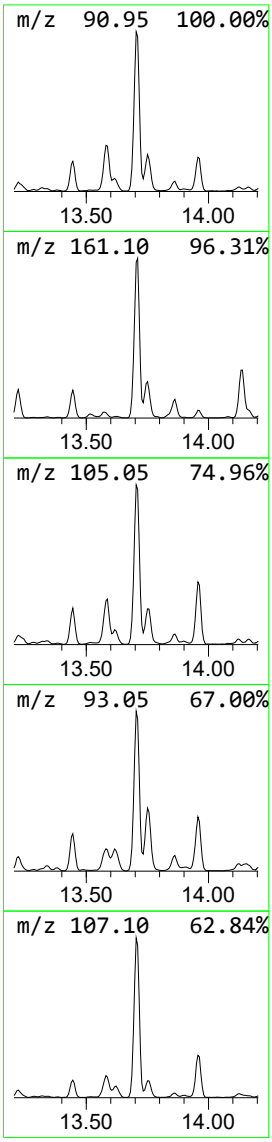
****

Peak Number 9 Longifolene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.704	62.60 ng/ul	9838470	Acenaphthene-d10	14.445

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	Longifolene	204	C15H24	000475-20-7	98
5	(3R,4aS,5R)-4a,5-Dimethyl-3-(pro...	204	C15H24	024741-64-8	97





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010224\
Data File : BP019236.D
Acq On : 03 Jan 2024 07:38
Operator : MA/JU
Sample : 05952-04
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCF89

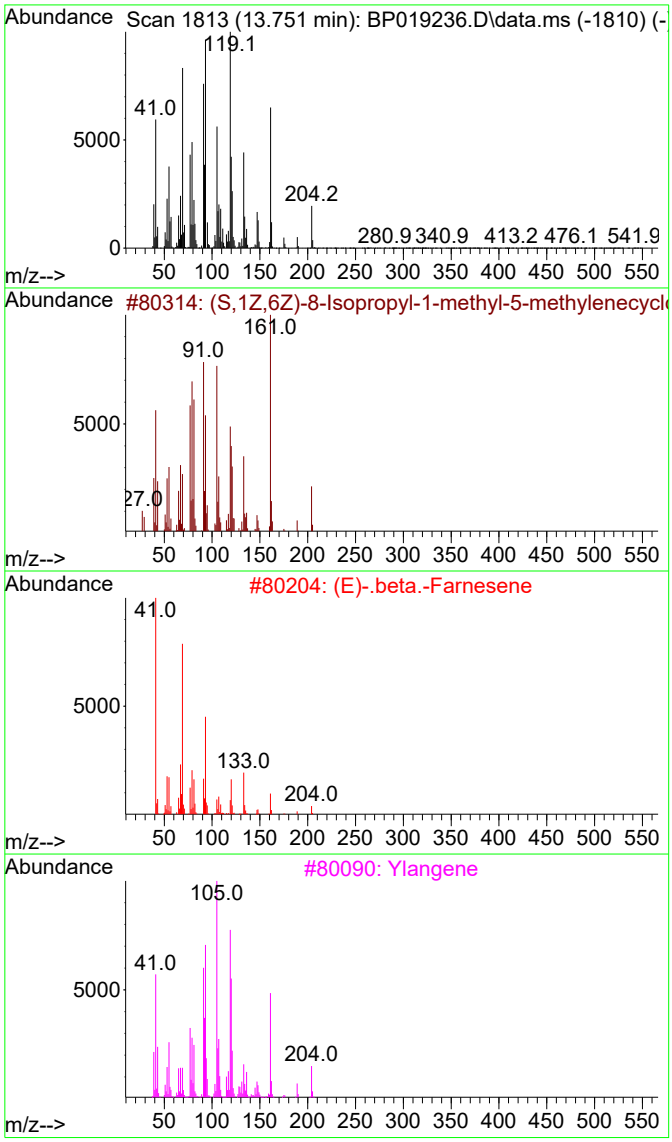
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

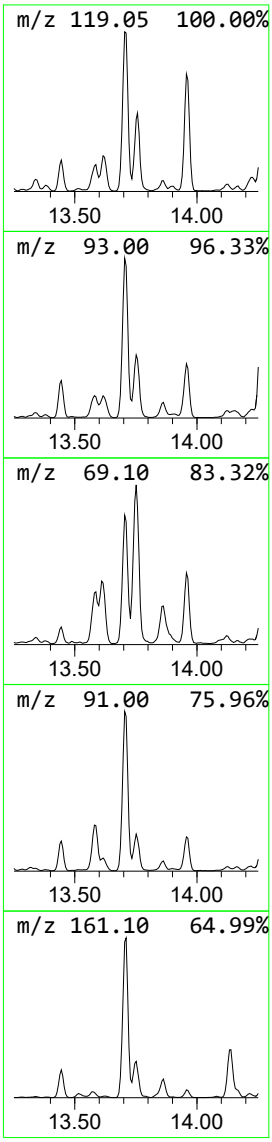
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (S,1Z,6Z)-8-Isopropyl-1-met... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.751	14.79 ng/ul	2323730	Acenaphthene-d10	14.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(S,1Z,6Z)-8-Isopropyl-1-methyl-5...	204	C15H24	317819-80-0	86
2	(E)-.beta.-Farnesene	204	C15H24	018794-84-8	86
3	Ylangene	204	C15H24	014912-44-8	55
4	Copaene	204	C15H24	003856-25-5	55
5	Copaene	204	C15H24	003856-25-5	55





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010224\
Data File : BP019236.D
Acq On : 03 Jan 2024 07:38
Operator : MA/JU
Sample : 05952-04
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCF89

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

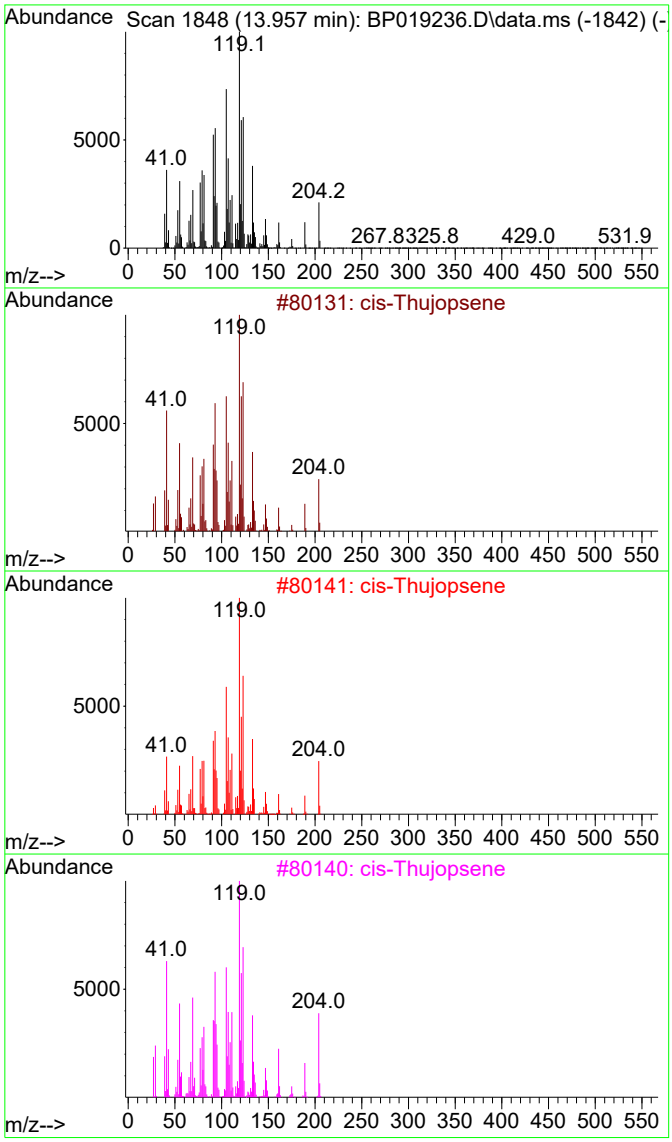
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

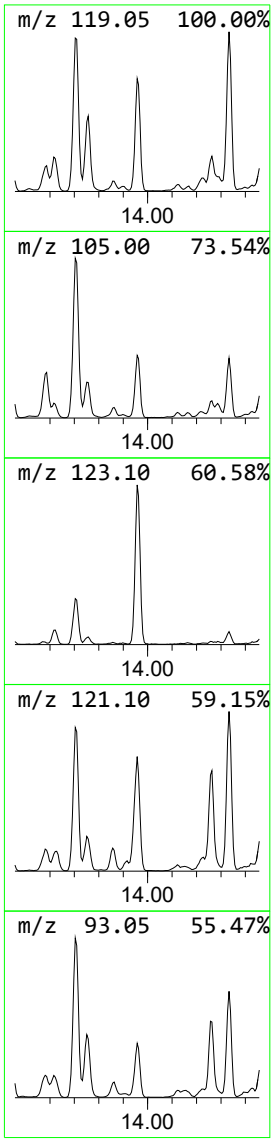
****

Peak Number 11 cis-Thujopsene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.957	17.91 ng/ul	2814660	Acenaphthene-d10	14.445

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	99
3	cis-Thujopsene	204	C15H24	000470-40-6	90
4	Tricyclo[5.4.0.0(2,8)]undec-9-en...	204	C15H24	005989-08-2	90
5	Tricyclo[5.4.0.0(2,8)]undec-9-en...	204	C15H24	005989-08-2	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010224\
Data File : BP019236.D
Acq On : 03 Jan 2024 07:38
Operator : MA/JU
Sample : 05952-04
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCF89

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

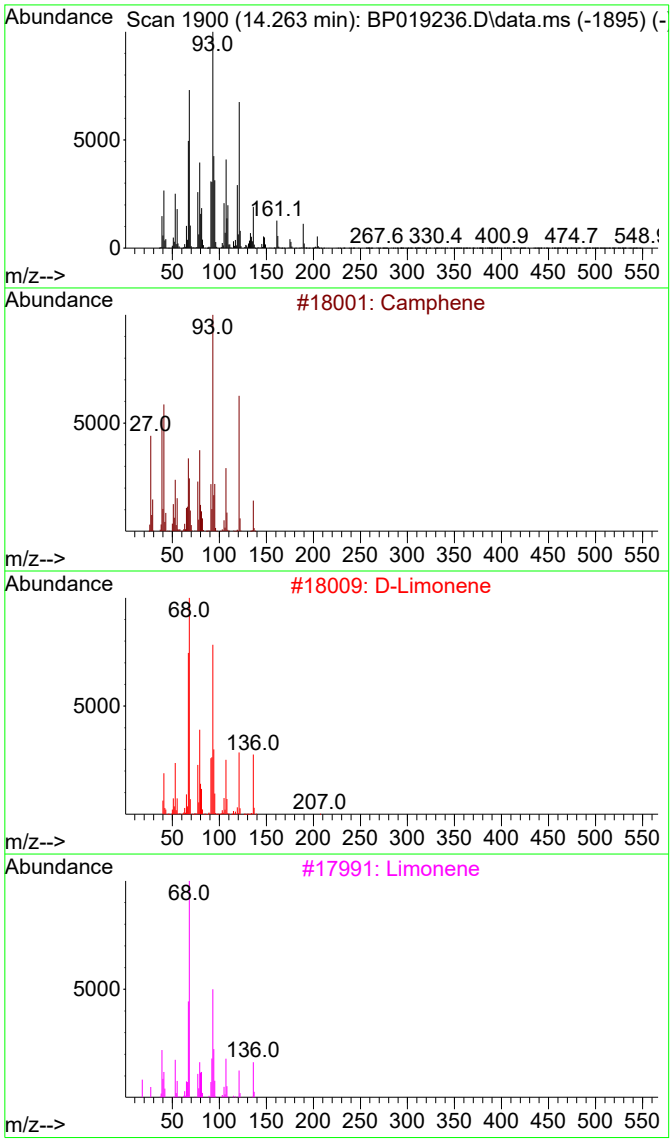
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

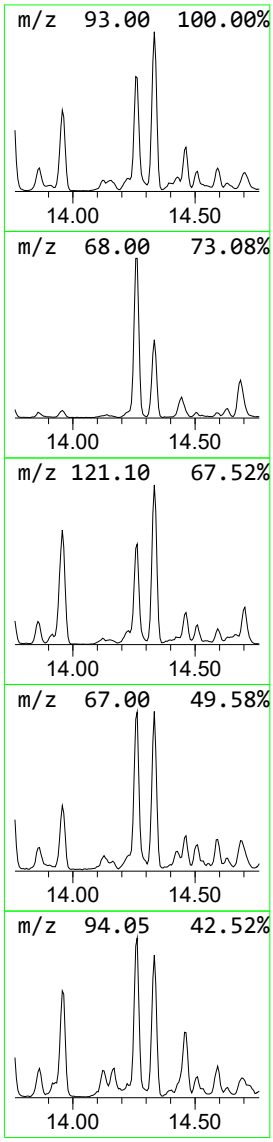
****

Peak Number 13 Camphene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.263	13.81 ng/ul	2170870	Acenaphthene-d10	14.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Camphene	136	C10H16	000079-92-5	86
2	D-Limonene	136	C10H16	005989-27-5	81
3	Limonene	136	C10H16	000138-86-3	81
4	Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	005989-54-8	76
5	Bicyclo[4.1.0]heptane, 7-(1-meth...	136	C10H16	053282-47-6	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010224\
Data File : BP019236.D
Acq On : 03 Jan 2024 07:38
Operator : MA/JU
Sample : 05952-04
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCF89

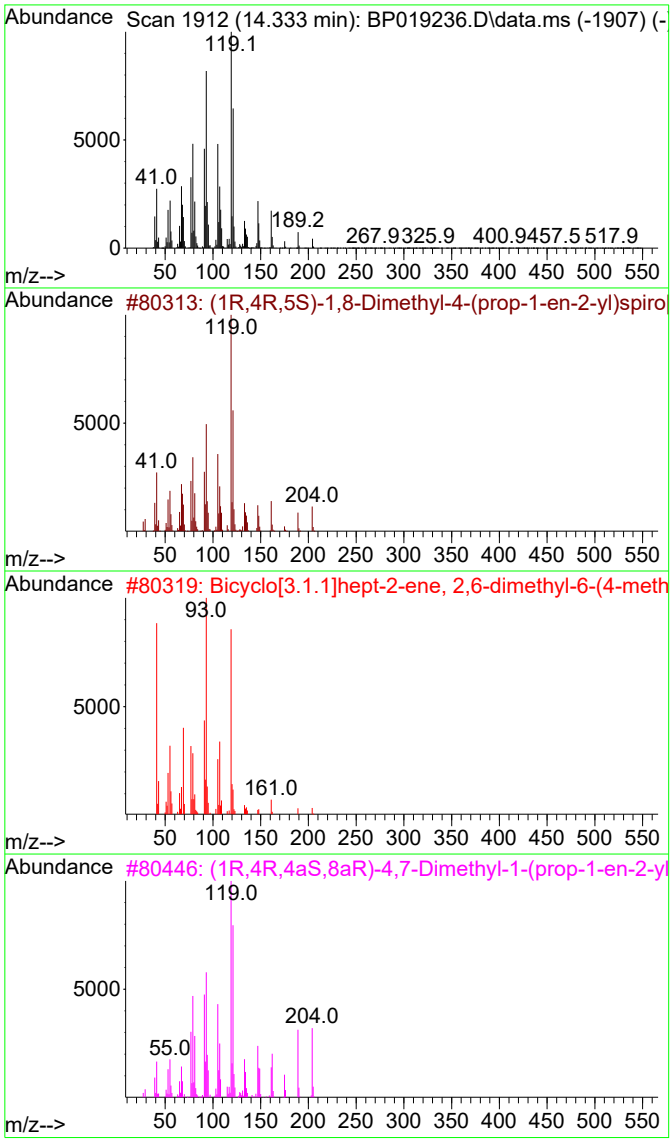
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

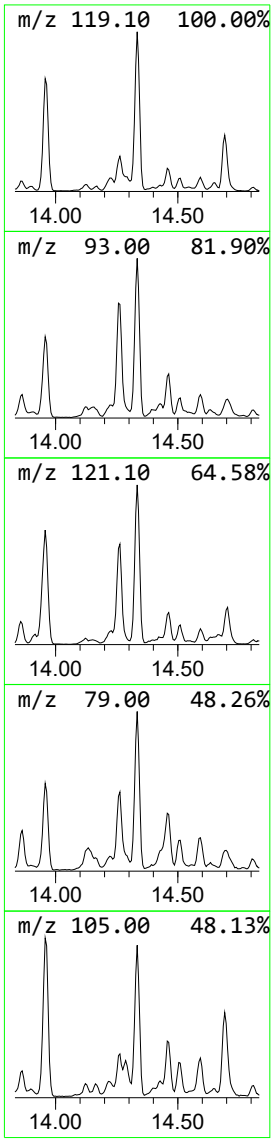
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (1R,4R,5S)-1,8-Dimethyl-4-(... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.333	18.59 ng/ul	2921710	Acenaphthene-d10	14.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1R,4R,5S)-1,8-Dimethyl-4-(prop-...	204	C15H24	729602-94-2	94
2	Bicyclo[3.1.1]hept-2-ene, 2,6-di...	204	C15H24	017699-05-7	76
3	(1R,4R,4aS,8aR)-4,7-Dimethyl-1-(...	204	C15H24	092692-39-2	74
4	trans-.alpha.-Bergamotene	204	C15H24	013474-59-4	72
5	1-Methyl-4-(6-methylhept-5-en-2-...	204	C15H24	000451-55-8	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010224\
Data File : BP019236.D
Acq On : 03 Jan 2024 07:38
Operator : MA/JU
Sample : 05952-04
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCF89

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

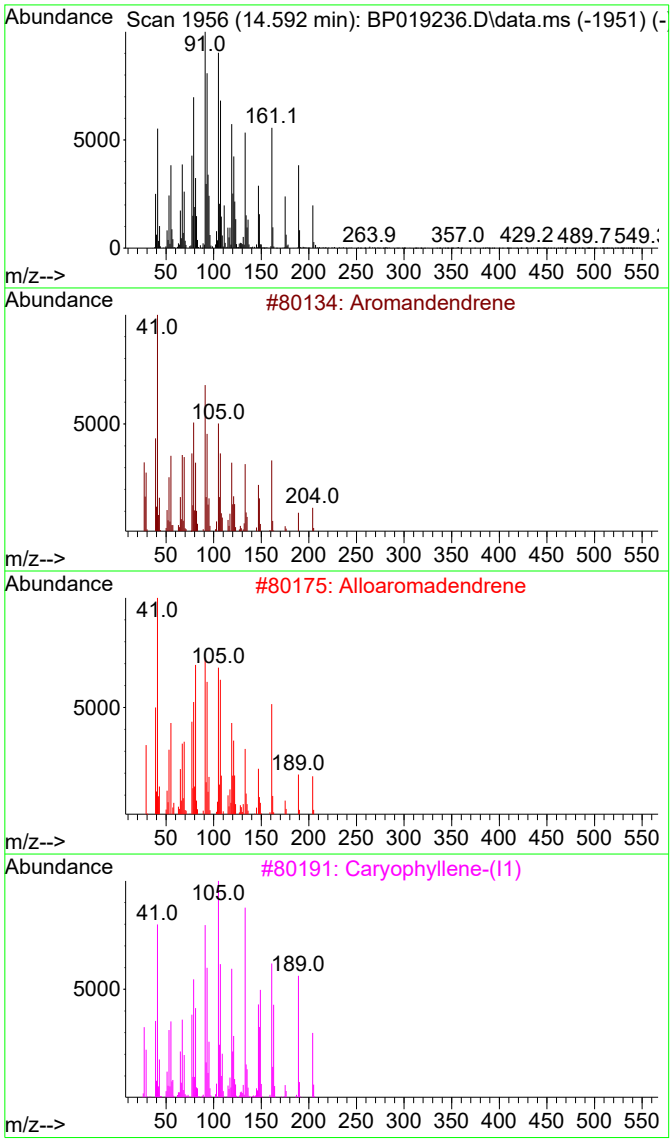
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

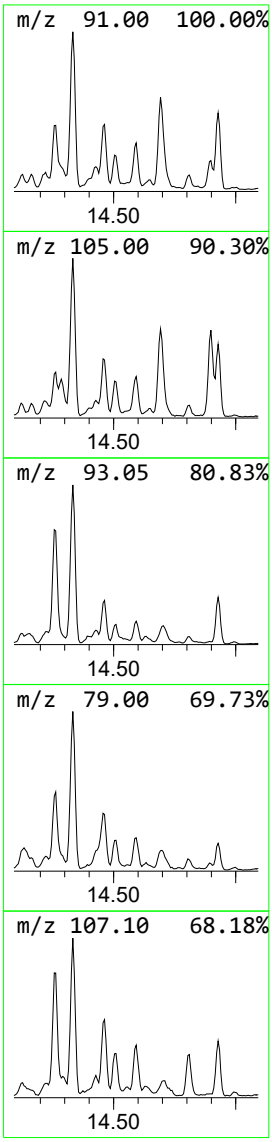
****

Peak Number 16 Aromandendrene Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.592	4.16 ng/ul	654439	Acenaphthene-d10	14.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Aromandendrene	204	C15H24	000489-39-4	93
2	Alloaromadendrene	204	C15H24	025246-27-9	90
3	Caryophyllene-(I1)	204	C15H24	1000158-18-5	89
4	Aromandendrene	204	C15H24	000489-39-4	86
5	Aromandendrene	204	C15H24	000489-39-4	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010224\
Data File : BP019236.D
Acq On : 03 Jan 2024 07:38
Operator : MA/JU
Sample : 05952-04
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCF89

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

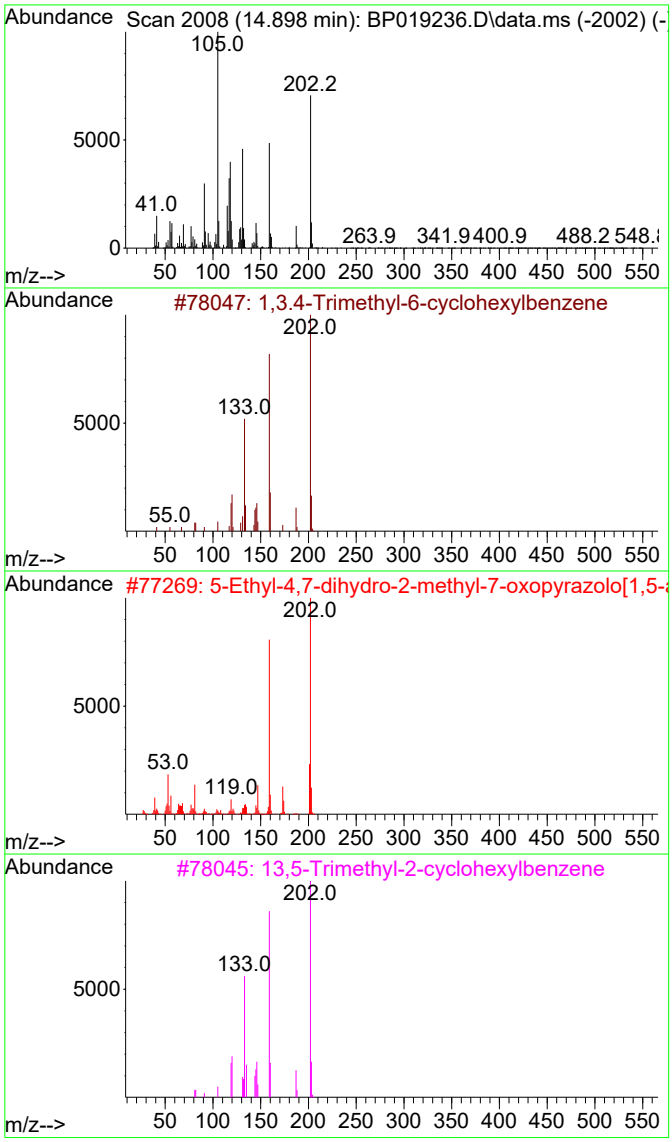
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

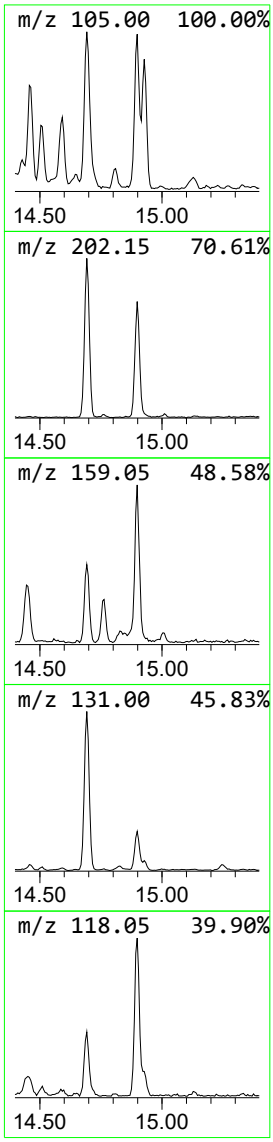
****

Peak Number 17 unknown-01 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.898	3.72 ng/ul	585348	Acenaphthene-d10	14.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3.4-Trimethyl-6-cyclohexylbenzene	202	C15H22	032406-17-0	43
2	5-Ethyl-4,7-dihydro-2-methyl-7-o...	202	C10H10N4O	903195-75-5	27
3	13,5-Trimethyl-2-cyclohexylbenzene	202	C15H22	004516-10-3	27
4	2-Phenyl-2,4-octadienol	202	C14H18O	1000131-83-7	25
5	(8R,8aS)-8,8a-Dimethyl-2-(propan...	202	C15H22	027840-40-0	22





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010224\
Data File : BP019236.D
Acq On : 03 Jan 2024 07:38
Operator : MA/JU
Sample : 05952-04
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCF89

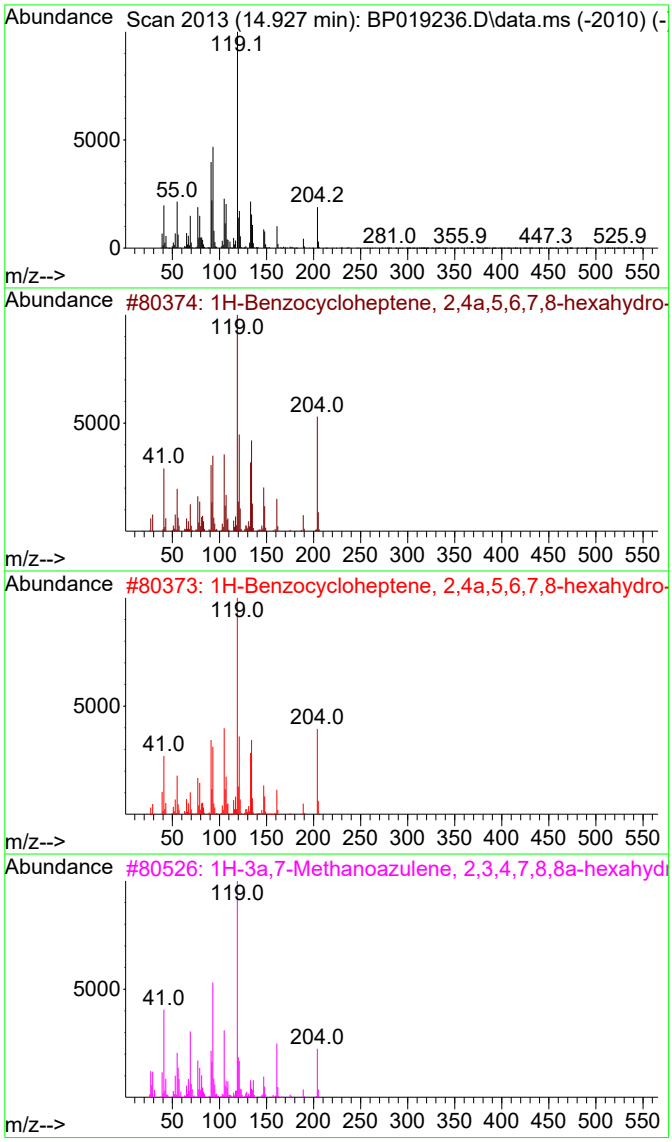
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

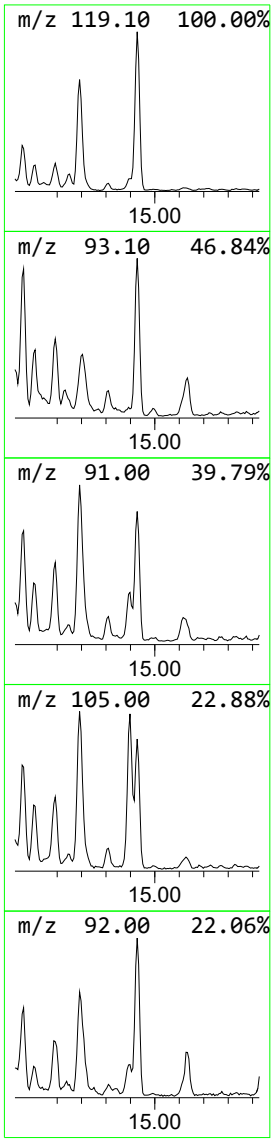
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 1H-Benzocycloheptene, 2,4a,... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.927	6.37 ng/ul	1000730	Acenaphthene-d10	14.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzocycloheptene, 2,4a,5,6,7...	204	C15H24	001461-03-6	90
2	1H-Benzocycloheptene, 2,4a,5,6,7...	204	C15H24	001461-03-6	87
3	1H-3a,7-Methanoazulene, 2,3,4,7,...	204	C15H24	000469-61-4	83
4	trans-.alpha.-Bergamotene	204	C15H24	013474-59-4	76
5	1H-Benzocycloheptene, 2,4a,5,6,7...	204	C15H24	001461-03-6	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010224\
Data File : BP019236.D
Acq On : 03 Jan 2024 07:38
Operator : MA/JU
Sample : 05952-04
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCF89

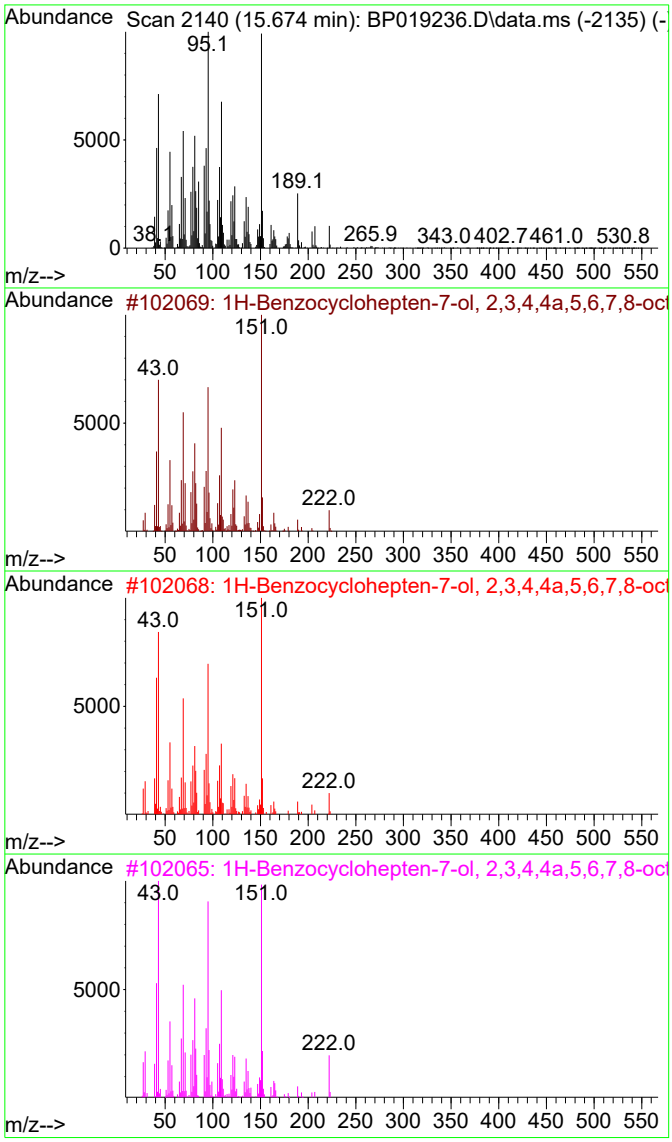
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

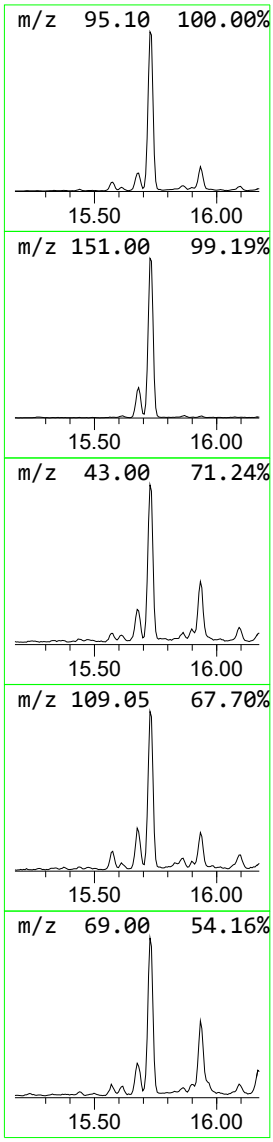
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 1H-Benzocyclohepten-7-ol, 2... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.674	5.11 ng/ul	803529	Acenaphthene-d10	14.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzocyclohepten-7-ol, 2,3,4,...	222	C15H26O	006892-80-4	99
2	1H-Benzocyclohepten-7-ol, 2,3,4,...	222	C15H26O	006892-80-4	91
3	1H-Benzocyclohepten-7-ol, 2,3,4,...	222	C15H26O	006892-80-4	72
4	N'-(2,4,6(1H,3H,5H)-Trioxopyrimi...	319	C12H9N5O6	1000225-72-5	59
5	1H-Benzocyclohepten-7-ol, 2,3,4,...	222	C15H26O	006892-80-4	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010224\
Data File : BP019236.D
Acq On : 03 Jan 2024 07:38
Operator : MA/JU
Sample : 05952-04
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCF89

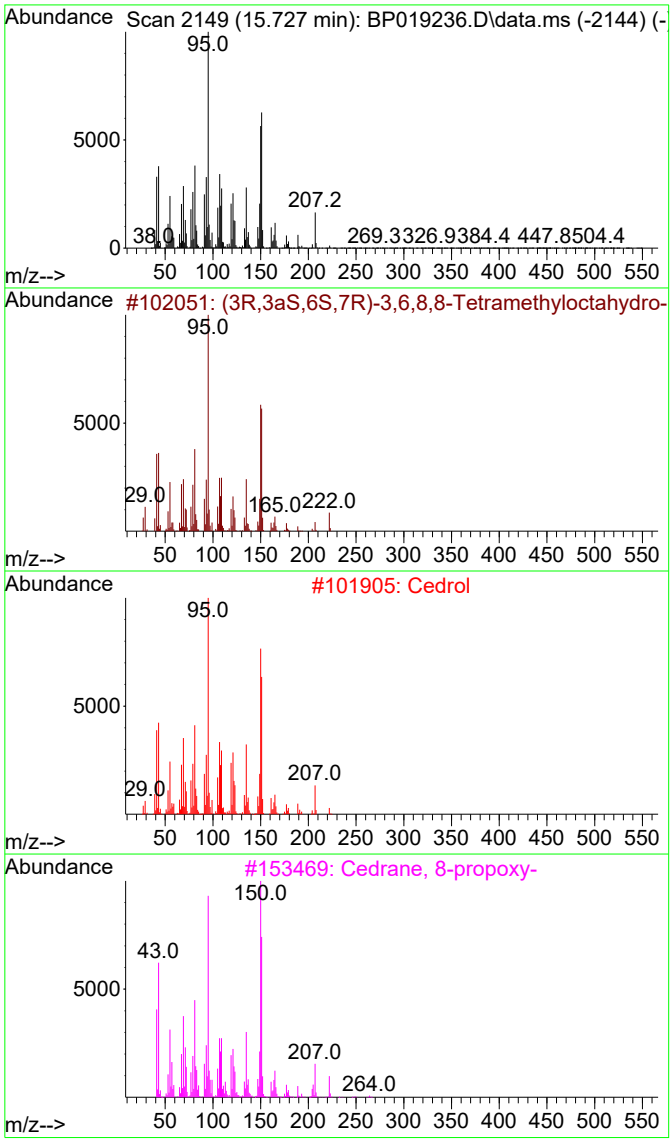
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

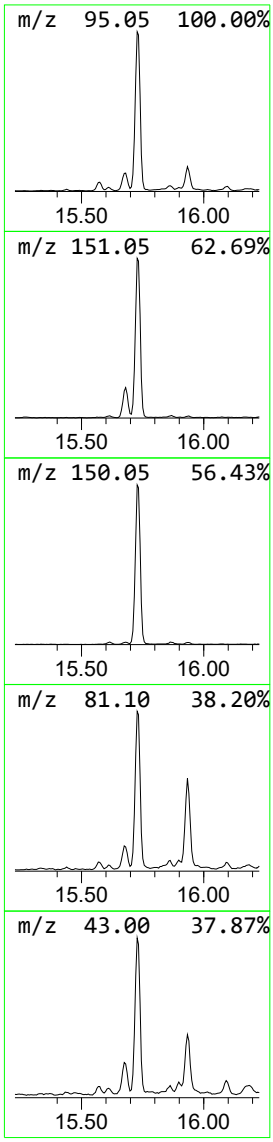
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 (3R,3aS,6S,7R)-3,6,8,8-Tetr... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.727	30.96 ng/ul	4865380	Acenaphthene-d10	14.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(3R,3aS,6S,7R)-3,6,8,8-Tetrameth...	222	C15H26O	019903-73-2	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	87
5	Cedrol	222	C15H26O	000077-53-2	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010224\
Data File : BP019236.D
Acq On : 03 Jan 2024 07:38
Operator : MA/JU
Sample : 05952-04
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCF89

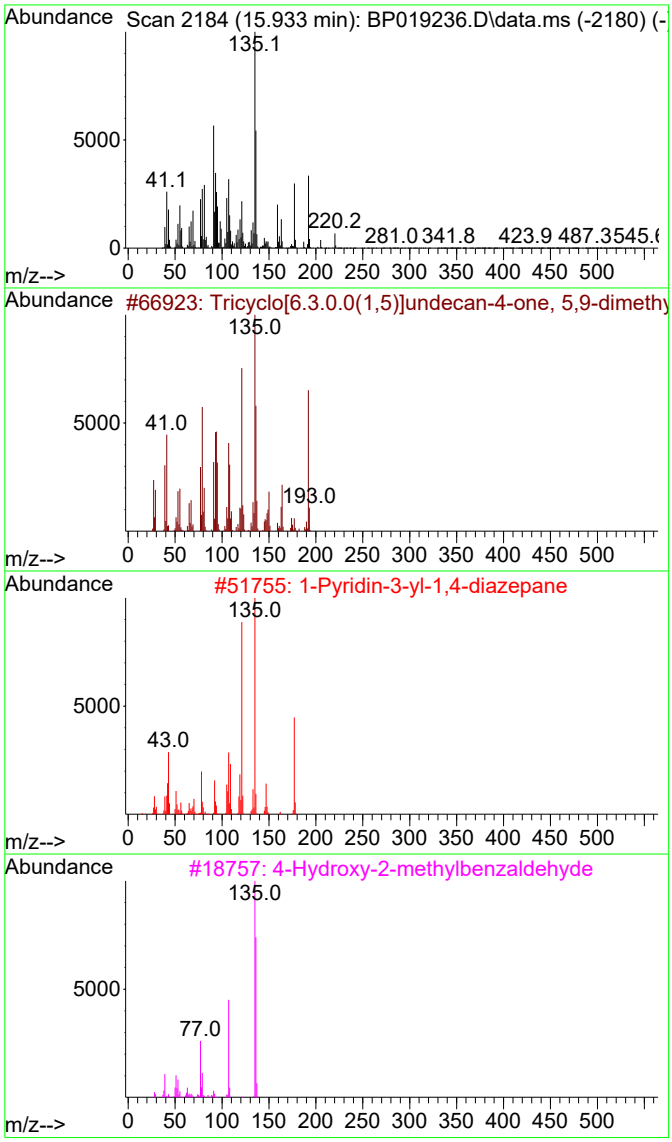
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

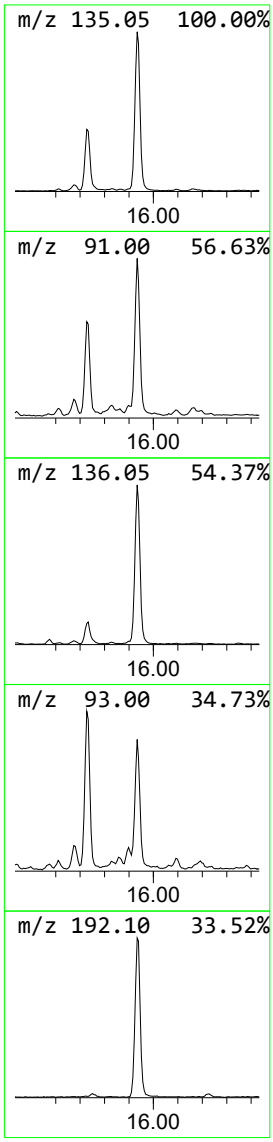
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 Tricyclo[6.3.0.0(1,5)]undec... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.933	34.22 ng/ul	3552650	Phenanthrene-d10	17.198

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricyclo[6.3.0.0(1,5)]undecan-4-...	192	C13H20O	1000153-99-8	72
2	1-Pyridin-3-yl-1,4-diazepane	177	C10H15N3	223796-20-1	50
3	4-Hydroxy-2-methylbenzaldehyde	136	C8H8O2	041438-18-0	49
4	Anthracene, tetradecahydro-, (4a...	192	C14H24	019128-78-0	46
5	Pyrazine, 2,6-diethyl-	136	C8H12N2	013067-27-1	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010224\
Data File : BP019236.D
Acq On : 03 Jan 2024 07:38
Operator : MA/JU
Sample : 05952-04
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCF89

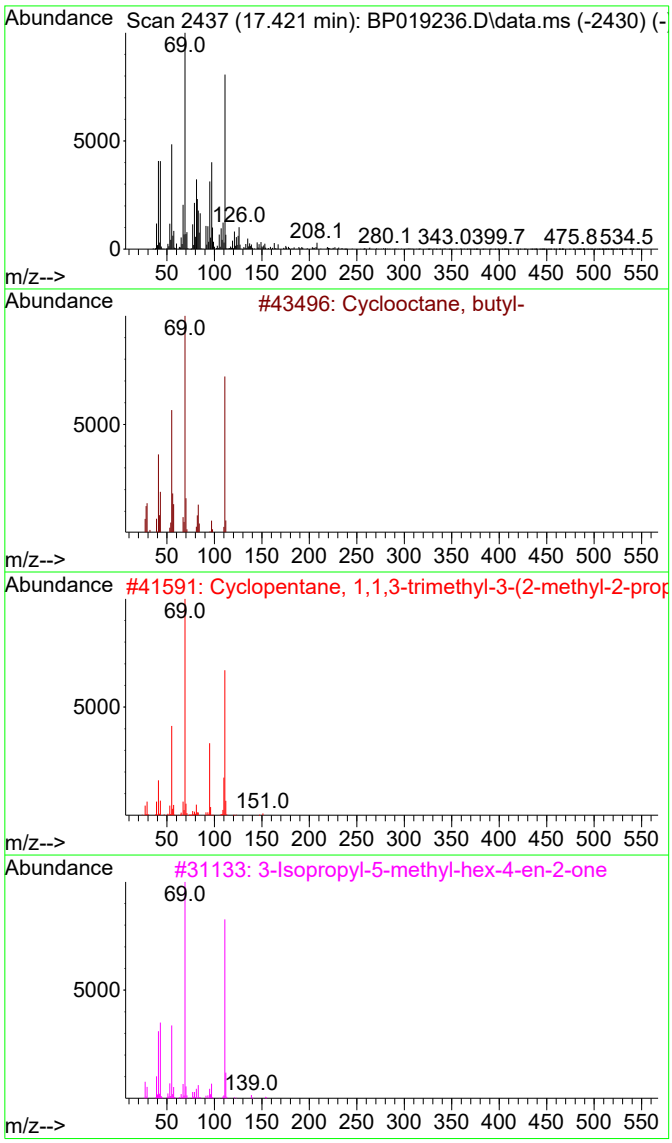
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

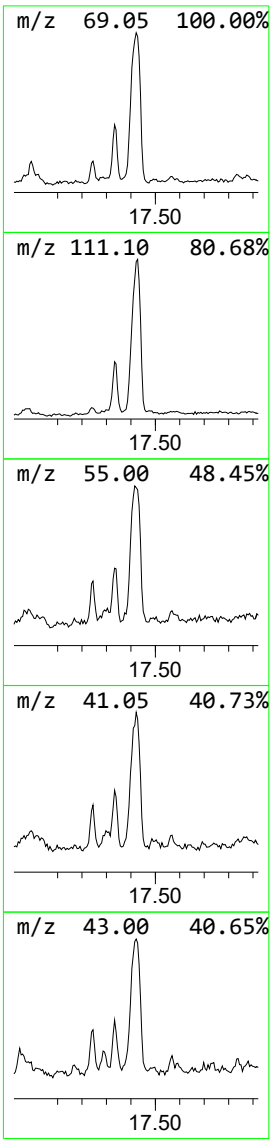
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 (DEL) Alkane: Cyclic17.421 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.421	10.82 ng/ul	1123220	Phenanthrene-d10	17.198

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclooctane, butyl-	168	C12H24	016538-93-5	47
2	Cyclopentane, 1,1,3-trimethyl-3-...	166	C12H22	074421-09-3	47
3	3-Isopropyl-5-methyl-hex-4-en-2-one	154	C10H18O	077142-85-9	43
4	2-Hexene, 4-ethyl-2,3-dimethyl-	140	C10H20	1000149-19-7	43
5	2-Thiopheneacetic acid, 2-ethylc...	252	C14H20O2S	1000278-96-1	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010224\
Data File : BP019236.D
Acq On : 03 Jan 2024 07:38
Operator : MA/JU
Sample : 05952-04
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCF89

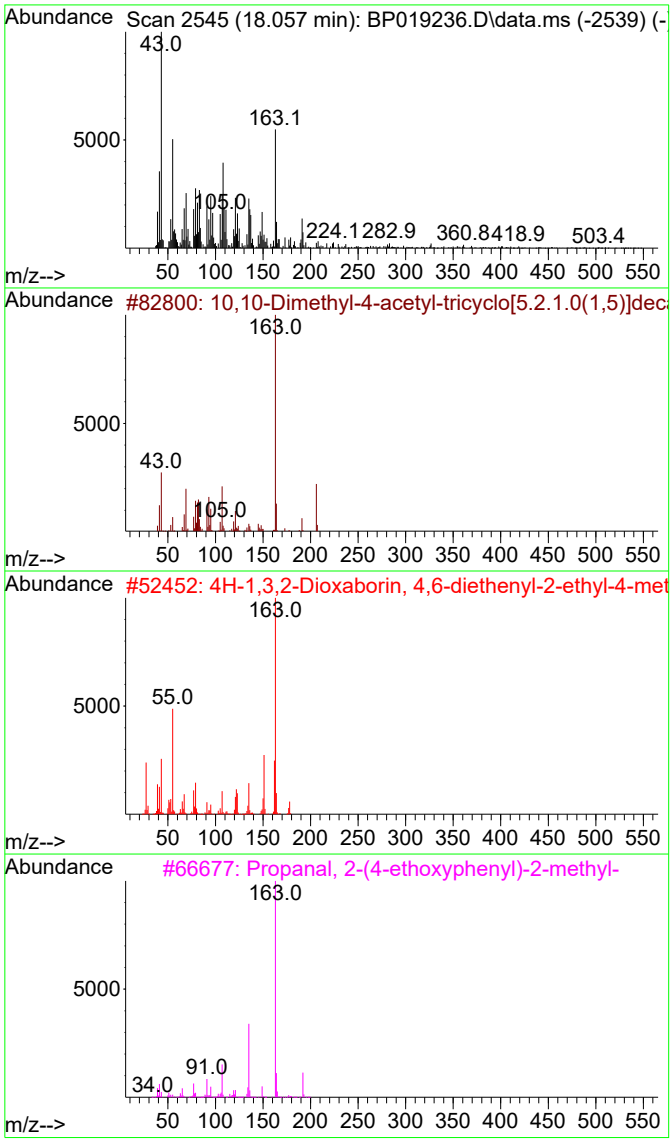
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

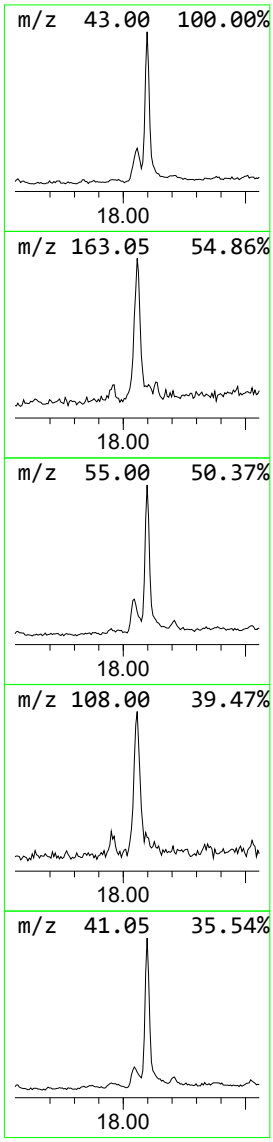
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 10,10-Dimethyl-4-acetyl-tri... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.057	4.81 ng/ul	499685	Phenanthrene-d10	17.198

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,10-Dimethyl-4-acetyl-tricyclo...	206	C14H22O	176171-97-4	50
2	4H-1,3,2-Dioxaborin, 4,6-diethen...	178	C10H15BO2	074630-03-8	38
3	Propanal, 2-(4-ethoxyphenyl)-2-m...	192	C12H16O2	093622-71-0	35
4	l-Tyrophanamide	180	C9H12N2O2	1000131-25-3	35
5	Benzene, 1-(1,1-dimethylethyl)-4...	178	C12H18O	017269-94-2	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010224\
Data File : BP019236.D
Acq On : 03 Jan 2024 07:38
Operator : MA/JU
Sample : 05952-04
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCF89

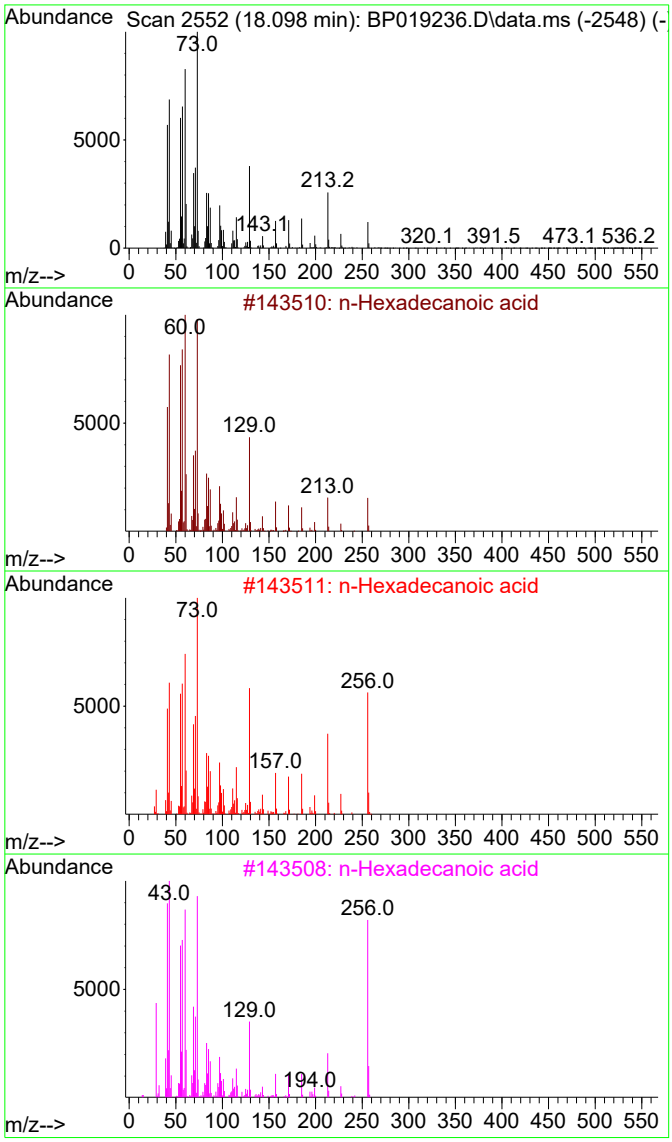
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

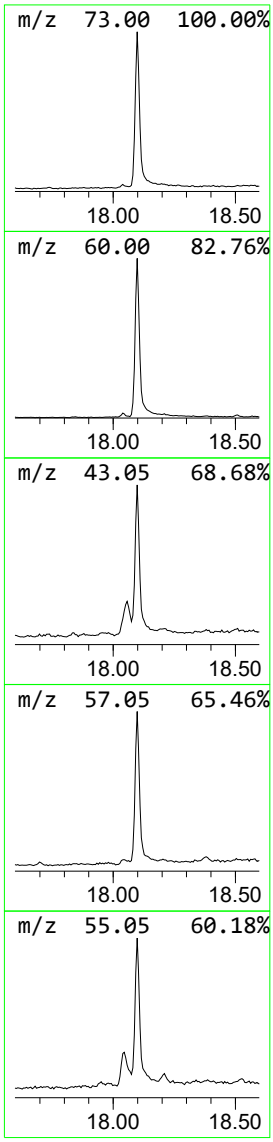
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 n-Hexadecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.098	16.88 ng/ul	1751710	Phenanthrene-d10	17.198

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	99
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
5	Tridecanoic acid	214	C13H26O2	000638-53-9	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010224\
Data File : BP019236.D
Acq On : 03 Jan 2024 07:38
Operator : MA/JU
Sample : 05952-04
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCF89

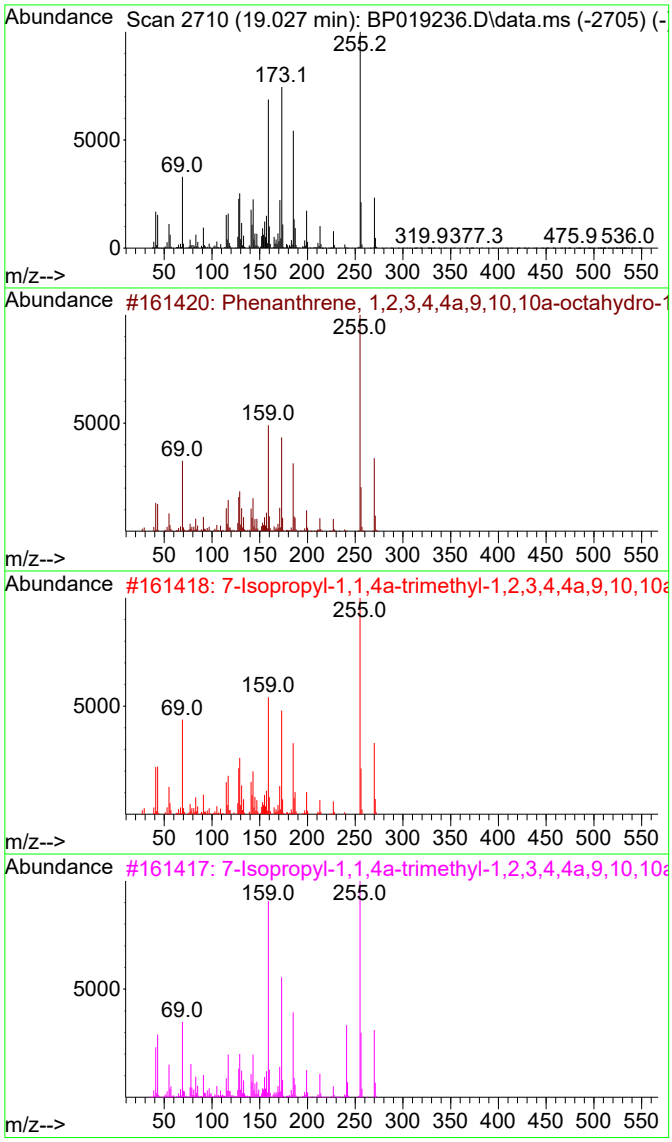
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

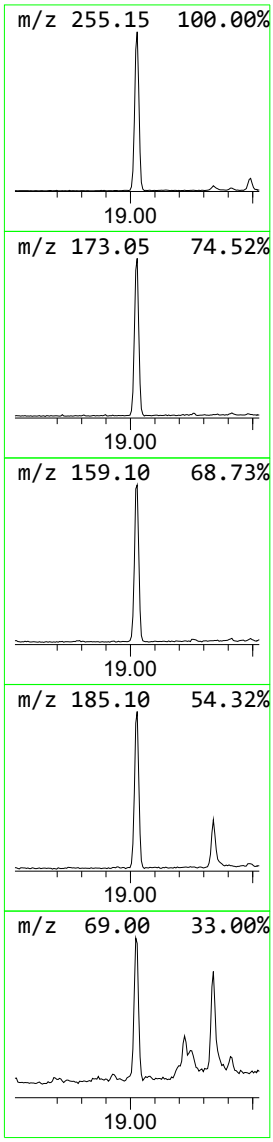
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 Phenanthrene, 1,2,3,4,4a,9,... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.027	17.40 ng/ul	1806470	Phenanthrene-d10	17.198

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,2,3,4,4a,9,10,10...	270	C20H30	019407-28-4	99
2	7-Isopropyl-1,1,4a-trimethyl-1,2...	270	C20H30	109680-01-5	96
3	7-Isopropyl-1,1,4a-trimethyl-1,2...	270	C20H30	109680-01-5	96
4	Phenanthrene, 1,2,3,4,4a,9,10,10...	270	C20H30	019407-28-4	89
5	S-Indacene-1,7-dione, 2,3,5,6-te...	270	C18H22O2	055591-16-7	30





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010224\
Data File : BP019236.D
Acq On : 03 Jan 2024 07:38
Operator : MA/JU
Sample : 05952-04
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCF89

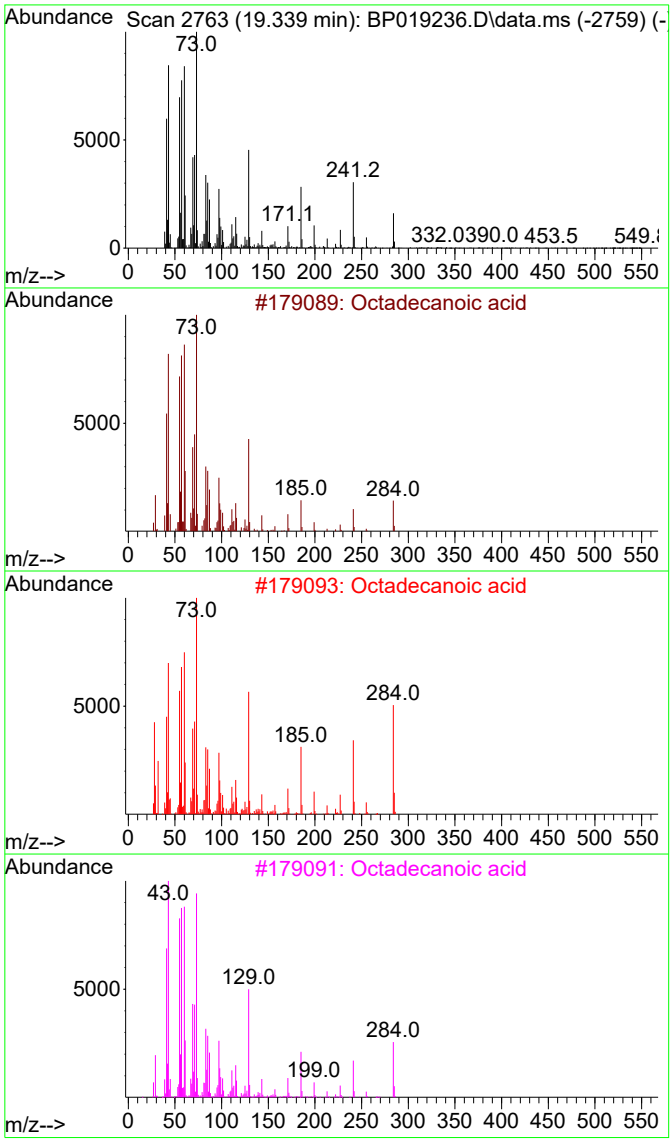
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

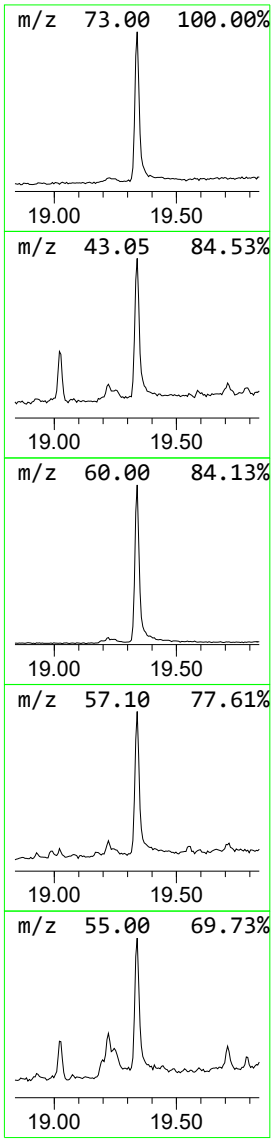
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 Octadecanoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.339	11.27 ng/ul	1498810	Chrysene-d12	21.304

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	98
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010224\
Data File : BP019236.D
Acq On : 03 Jan 2024 07:38
Operator : MA/JU
Sample : 05952-04
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCF89

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

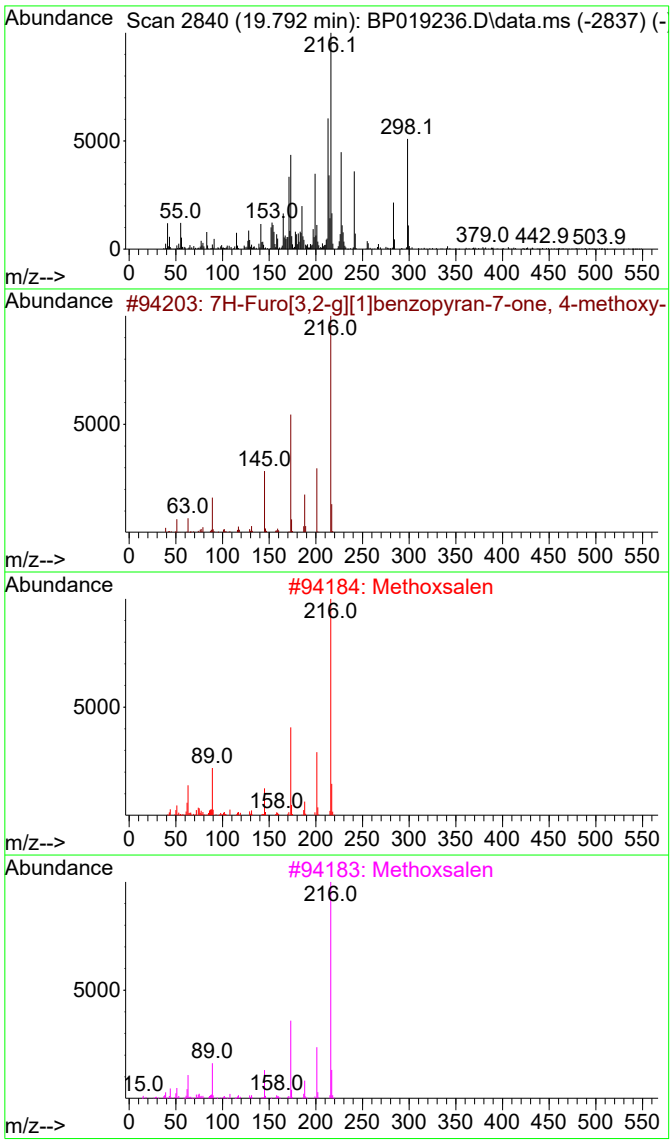
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

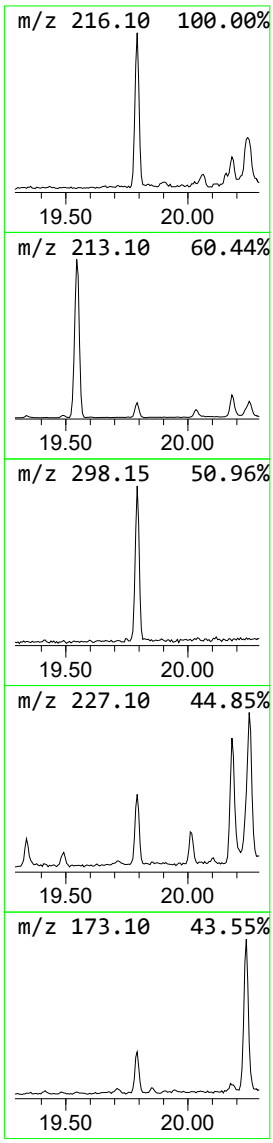
****

Peak Number 34 unknown-02 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.792	3.51 ng/ul	466746	Chrysene-d12	21.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Furo[3,2-g][1]benzopyran-7-on...	216	C12H8O4	000484-20-8	25
2	Methoxsalen	216	C12H8O4	000298-81-7	25
3	Methoxsalen	216	C12H8O4	000298-81-7	25
4	1-Naphthalenecarboxaldehyde, 4,8...	216	C13H12O3	069833-11-0	22
5	Methoxsalen	216	C12H8O4	000298-81-7	22





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010224\
Data File : BP019236.D
Acq On : 03 Jan 2024 07:38
Operator : MA/JU
Sample : 05952-04
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCF89

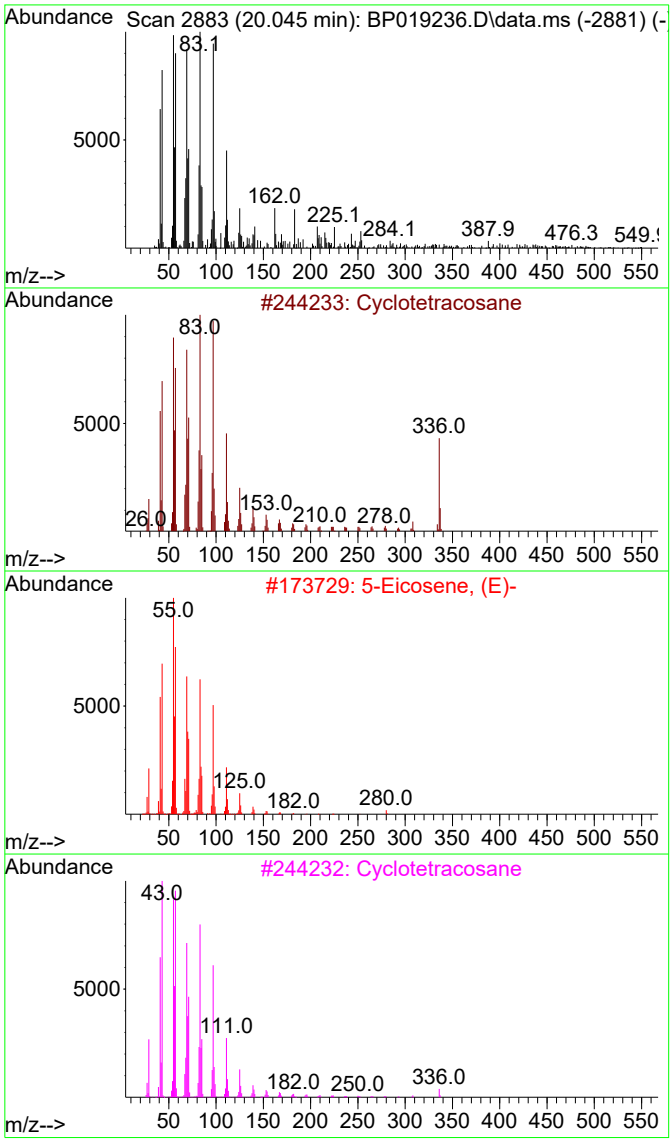
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

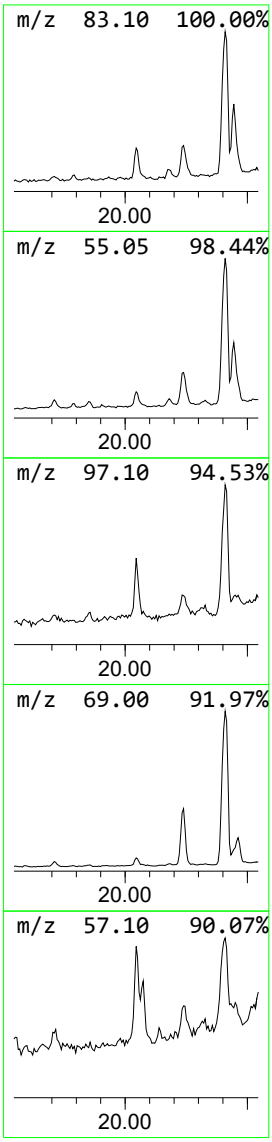
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 (DEL) Alkane: Cyclic20.045 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.045	2.72 ng/ul	361526	Chrysene-d12	21.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	95
2	5-Eicosene, (E)-	280	C20H40	074685-30-6	95
3	Cyclotetracosane	336	C24H48	000297-03-0	92
4	1-Heneicosanol	312	C21H44O	015594-90-8	91
5	3-Eicosene, (E)-	280	C20H40	074685-33-9	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010224\
Data File : BP019236.D
Acq On : 03 Jan 2024 07:38
Operator : MA/JU
Sample : 05952-04
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCF89

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

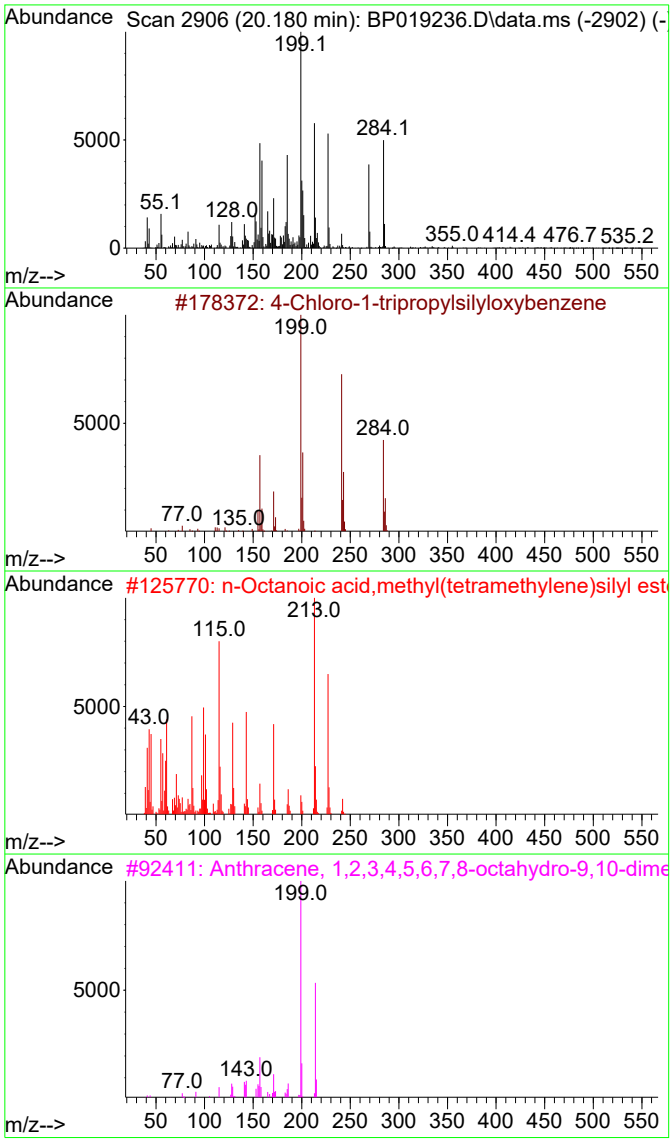
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

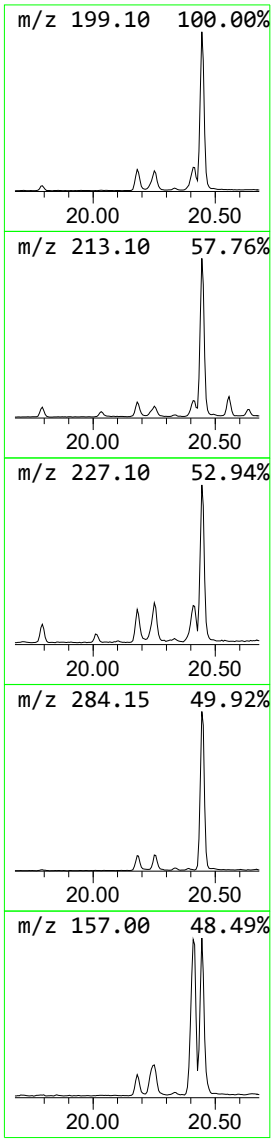
****

Peak Number 37 unknown-03 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.180	7.10 ng/ul	943825	Chrysene-d12	21.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-1-tripropylsilyloxybenzene	284	C15H25ClOSi	1000307-84-1	30
2	n-Octanoic acid,methyl(tetrameth...	242	C13H26O2Si	1010217-03-7	25
3	Anthracene, 1,2,3,4,5,6,7,8-octa...	214	C16H22	042173-25-1	22
4	Formanilide, 2-phenoxy-	213	C13H11NO2	002770-12-9	15
5	s-Indacene, 1,2,3,5,6,7-hexahydr...	214	C16H22	055030-60-9	15





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010224\
Data File : BP019236.D
Acq On : 03 Jan 2024 07:38
Operator : MA/JU
Sample : 05952-04
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCF89

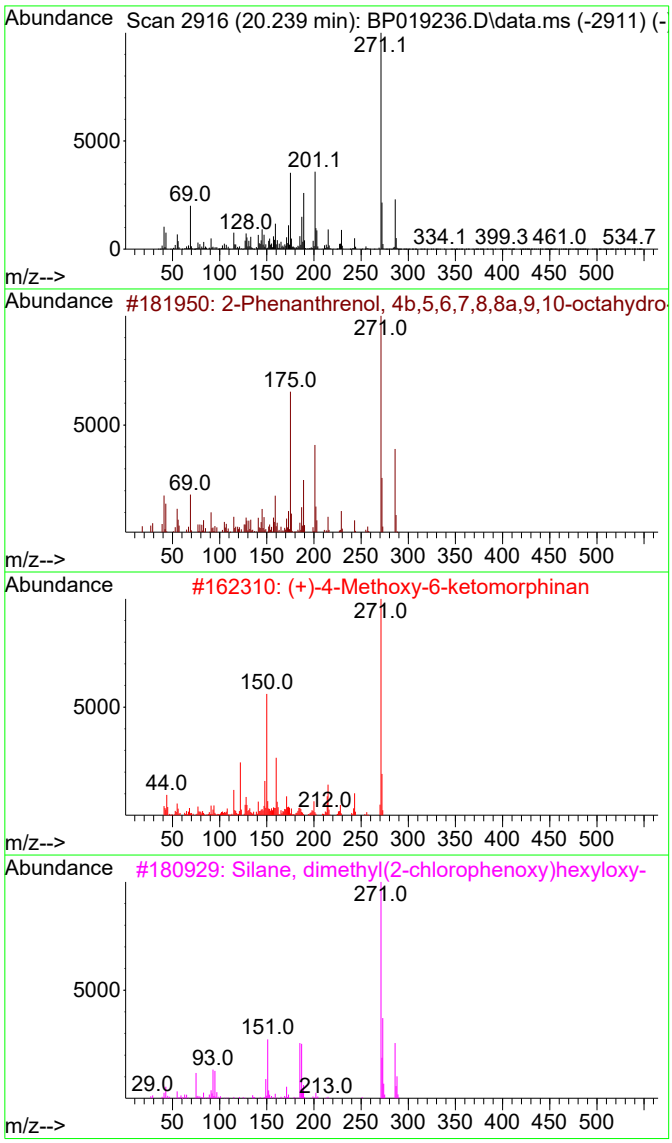
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

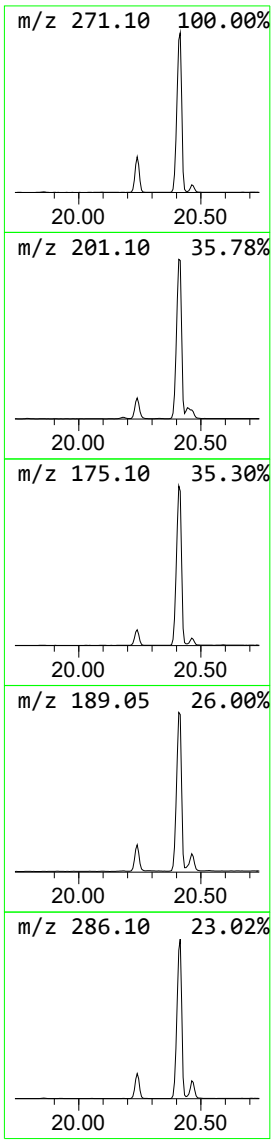
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 38 2-Phenanthrenol, 4b,5,6,7,8... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.239	44.02 ng/ul	5855230	Chrysene-d12	21.304

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	Silane, dimethyl(2-chlorophenoxy...	286	C14H23ClO2Si	1000347-07-3	47
4	(-)-Morphinan-6-one, 4-methoxy-	271	C17H21NO2	1000129-09-1	45
5	1-Methyl-3-phenyl-4-azafluorenone	271	C19H13NO	069751-55-9	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010224\
Data File : BP019236.D
Acq On : 03 Jan 2024 07:38
Operator : MA/JU
Sample : 05952-04
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCF89

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

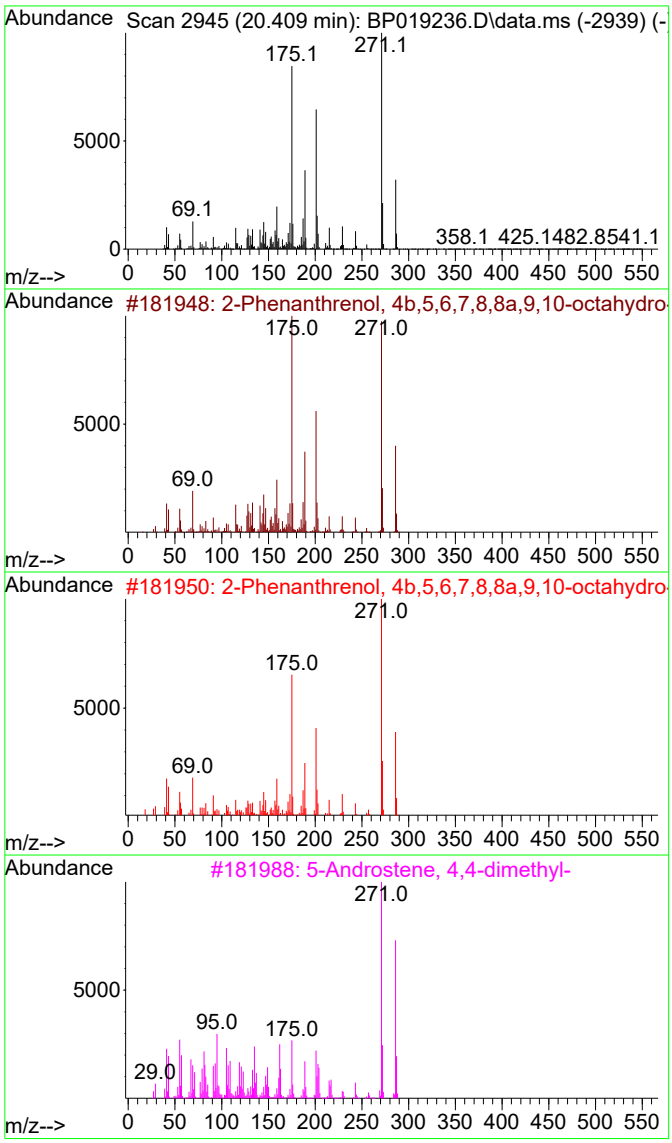
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

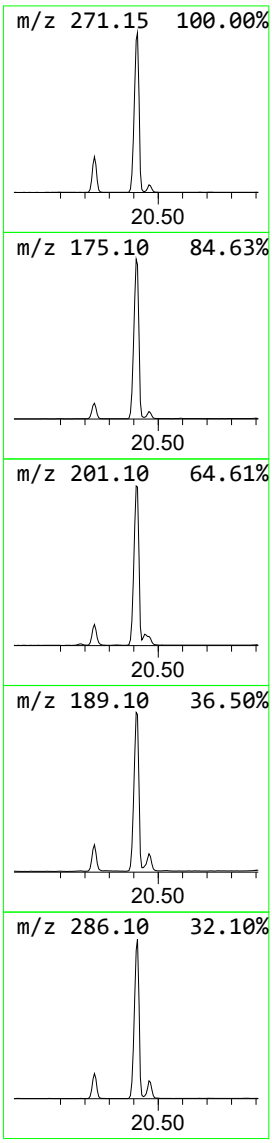
****

Peak Number 39 unknown-04 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.410	237.27 ng/ul	31562800	Chrysene-d12	21.304

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	97
3	5-Androstene, 4,4-dimethyl-	286	C21H34	1000194-15-4	35
4	Silane, dimethyl(2-chlorophenoxy...	286	C14H23ClO2Si	1000347-07-3	27
5	morpholine, 4-(diphenylphosphino)-	271	C16H18NOP	1000396-99-9	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010224\
Data File : BP019236.D
Acq On : 03 Jan 2024 07:38
Operator : MA/JU
Sample : 05952-04
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCF89

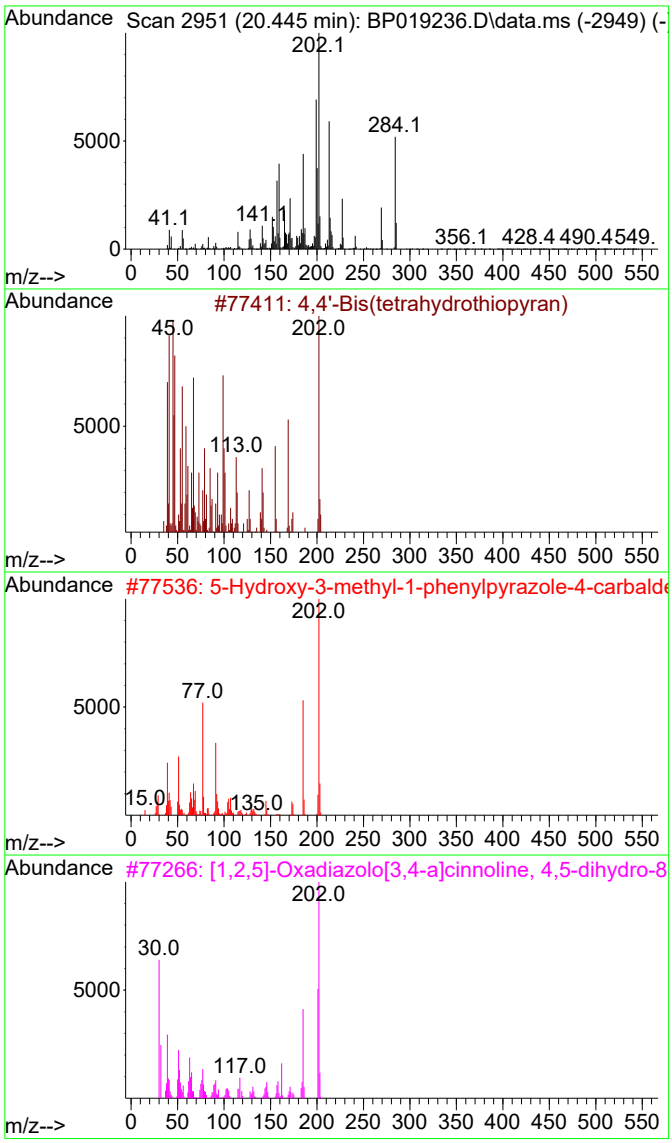
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

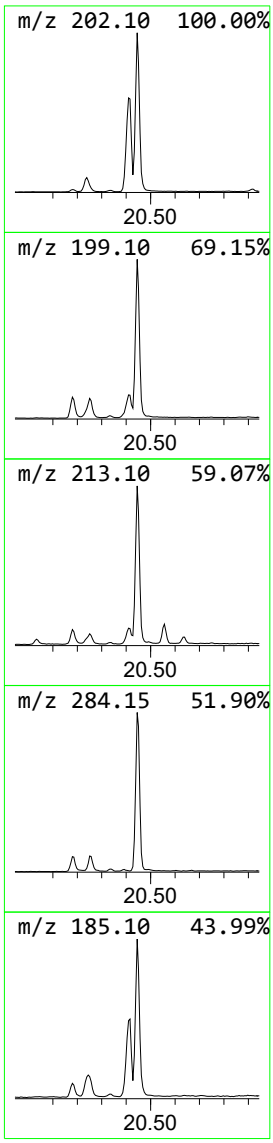
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 40 4,4'-Bis(tetrahydrothiopyran) Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.445	68.68 ng/ul	9136460	Chrysene-d12	21.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4'-Bis(tetrahydrothiopyran)	202	C10H18S2	116196-83-9	90
2	5-Hydroxy-3-methyl-1-phenylpyraz...	202	C11H10N2O2	060484-29-9	30
3	[1,2,5]-Oxadiazolo[3,4-a]cinnoli...	202	C10H10N4O	1000260-59-4	30
4	Fluoren-9-one, 9a-hydroxy-1,2,3,...	202	C13H14O2	1000160-37-9	25
5	1-Naphthalenecarboxylic acid, 2-...	202	C12H10O3	000947-62-6	22





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010224\
Data File : BP019236.D
Acq On : 03 Jan 2024 07:38
Operator : MA/JU
Sample : 05952-04
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCF89

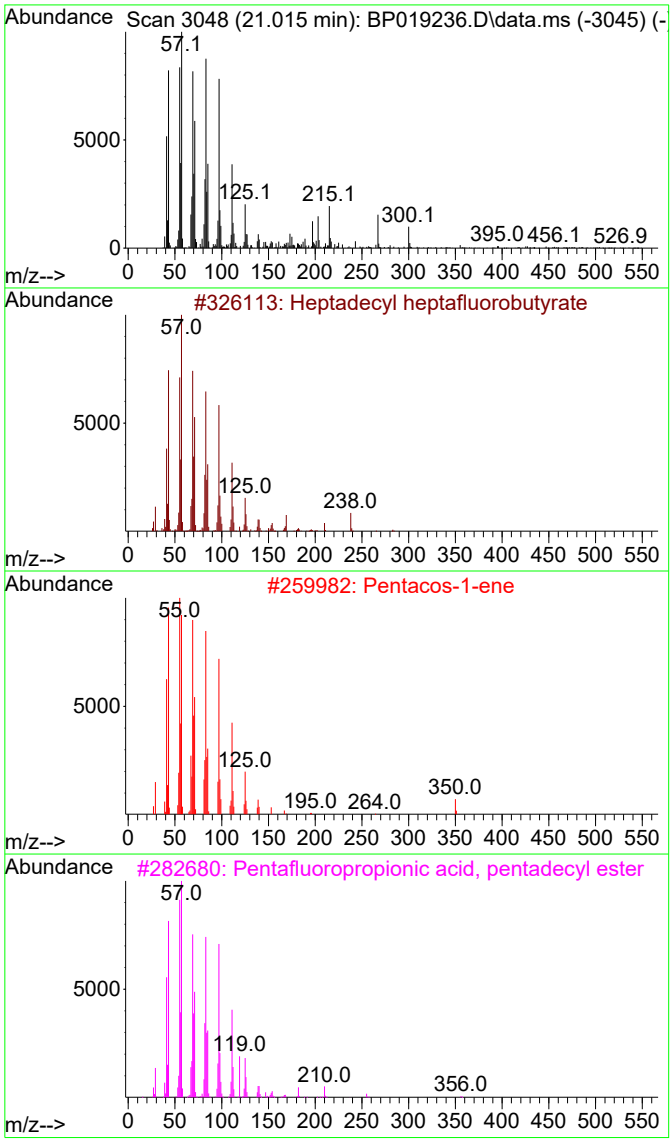
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

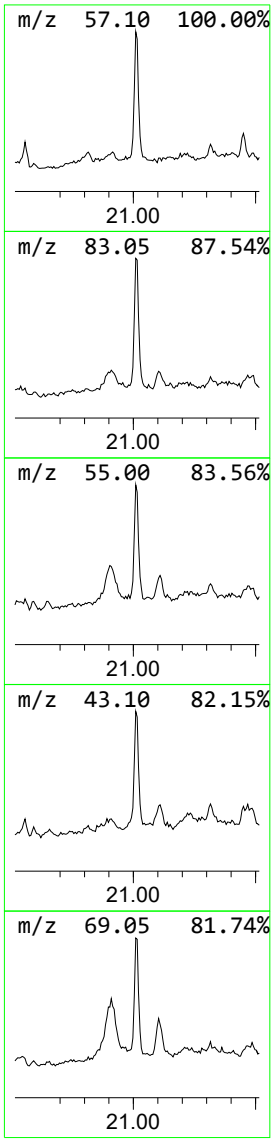
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 41 Heptadecyl heptafluorobutyrate Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.015	9.45 ng/ul	1257710	Chrysene-d12	21.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	93
2	Pentacos-1-ene	350	C25H50	016980-85-1	87
3	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	87
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	87
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010224\
Data File : BP019236.D
Acq On : 03 Jan 2024 07:38
Operator : MA/JU
Sample : 05952-04
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCF89

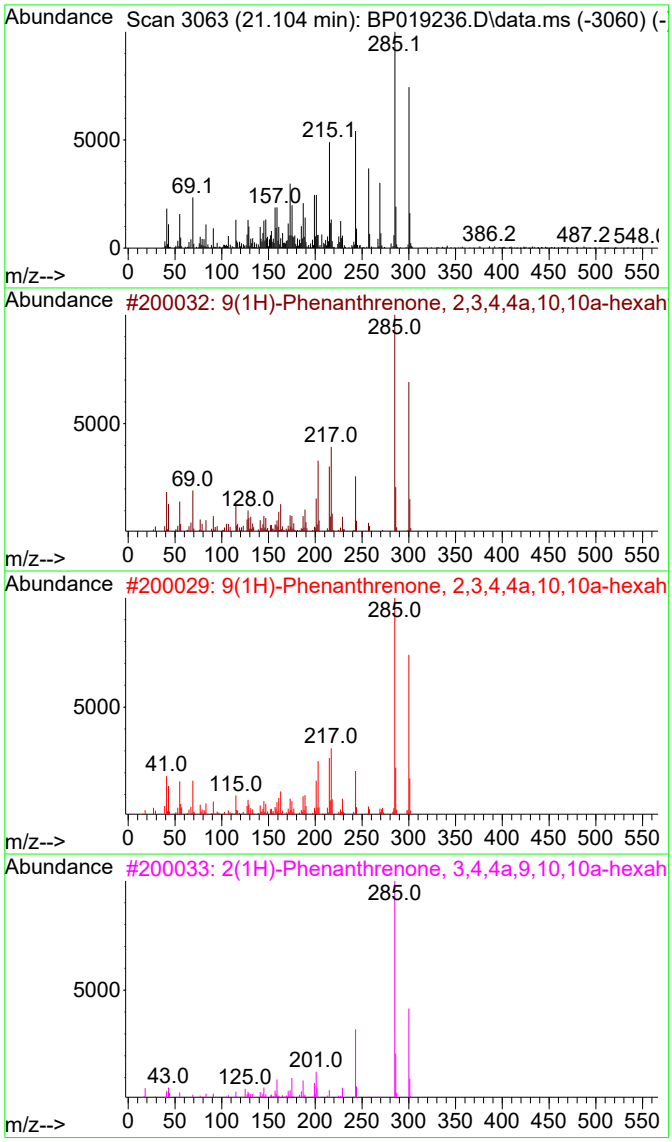
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

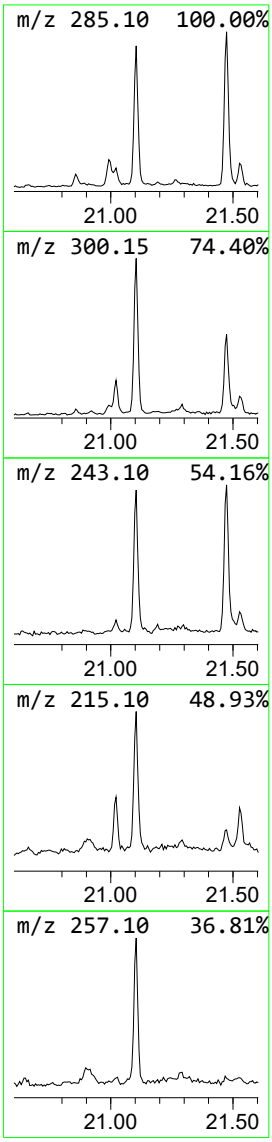
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 42 9(1H)-Phenanthrenone, 2,3,4... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.104	10.80 ng/ul	1437030	Chrysene-d12	21.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9(1H)-Phenanthrenone, 2,3,4,4a,1...	300	C20H28O2	000511-05-7	89
2	9(1H)-Phenanthrenone, 2,3,4,4a,1...	300	C20H28O2	000511-05-7	76
3	2(1H)-Phenanthrenone, 3,4,4a,9,1...	300	C20H28O2	006755-93-7	59
4	4H-1-Benzopyran-4-one, 3,7-dihyd...	300	C16H12O6	057396-72-2	53
5	2(1H)-Phenanthrenone, 3,4,4a,9,1...	300	C20H28O2	000472-37-7	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010224\
Data File : BP019236.D
Acq On : 03 Jan 2024 07:38
Operator : MA/JU
Sample : 05952-04
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCF89

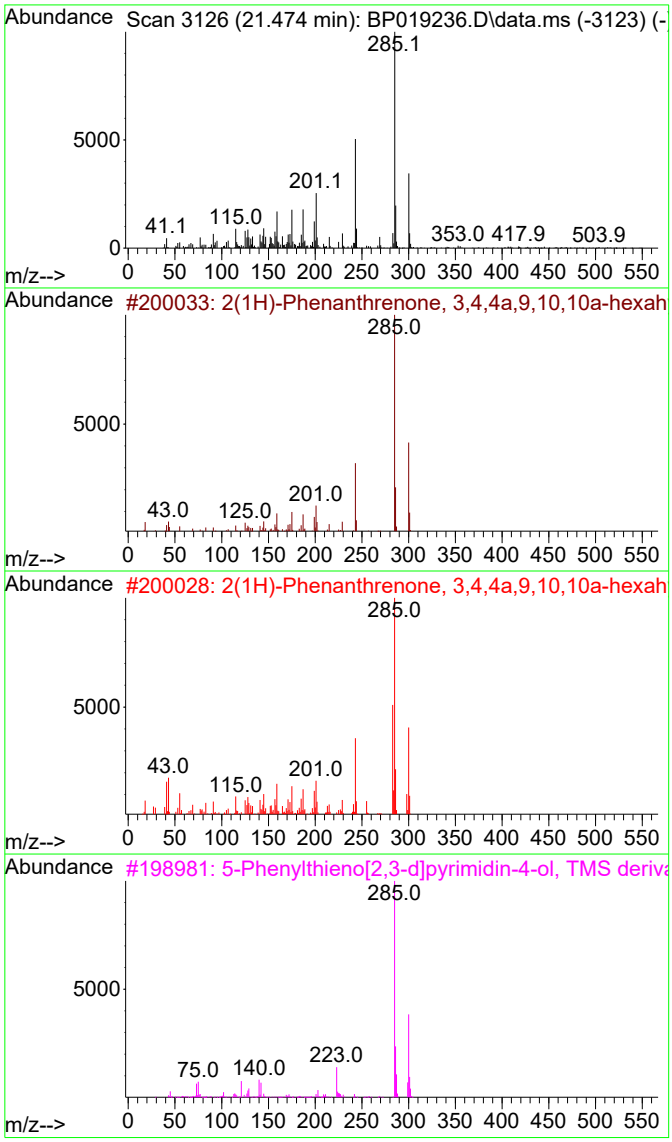
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

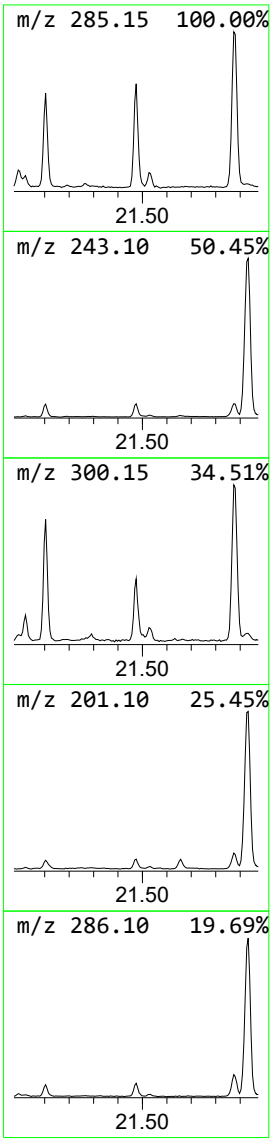
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 43 2(1H)-Phenanthrenone, 3,4,4... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.474	6.10 ng/ul	812103	Chrysene-d12	21.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(1H)-Phenanthrenone, 3,4,4a,9,1...	300	C20H28O2	006755-93-7	94
2	2(1H)-Phenanthrenone, 3,4,4a,9,1...	300	C20H28O2	006755-93-7	76
3	5-Phenylthieno[2,3-d]pyrimidin-4...	300	C15H16N2OSSi	1000479-46-5	53
4	Phenanthrene, 1,2,3,4,4a,9,10,10...	300	C21H32O	015340-83-7	50
5	6-Phenylthieno[3,2-d]pyrimidin-4...	300	C15H16N2OSSi	1000471-44-6	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010224\
Data File : BP019236.D
Acq On : 03 Jan 2024 07:38
Operator : MA/JU
Sample : 05952-04
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCF89

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

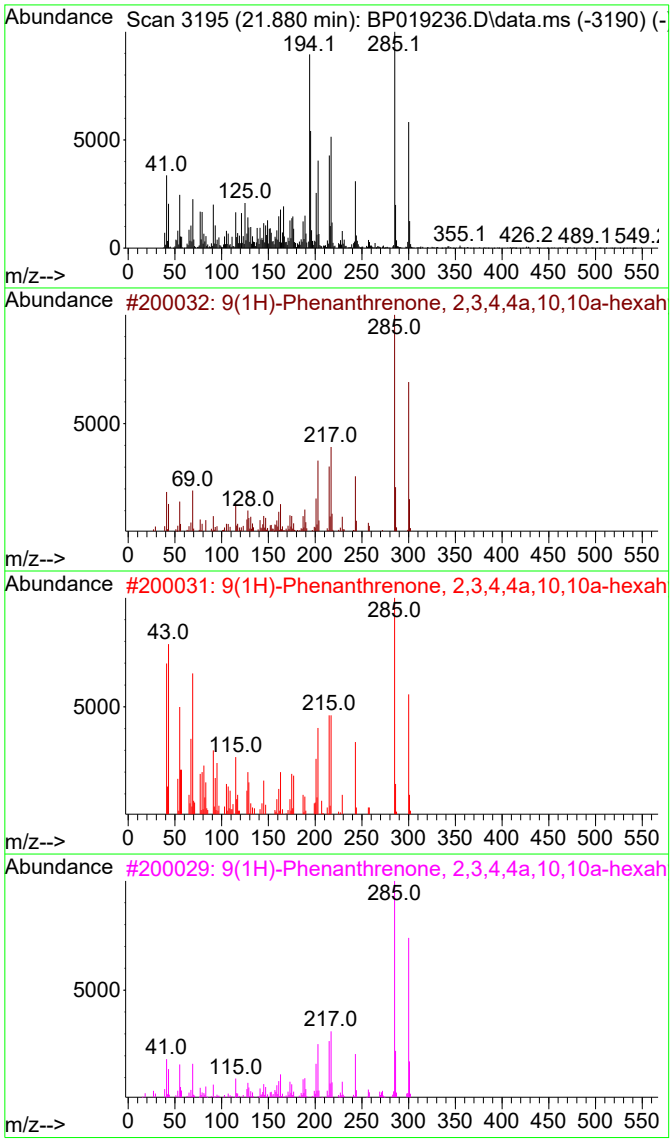
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

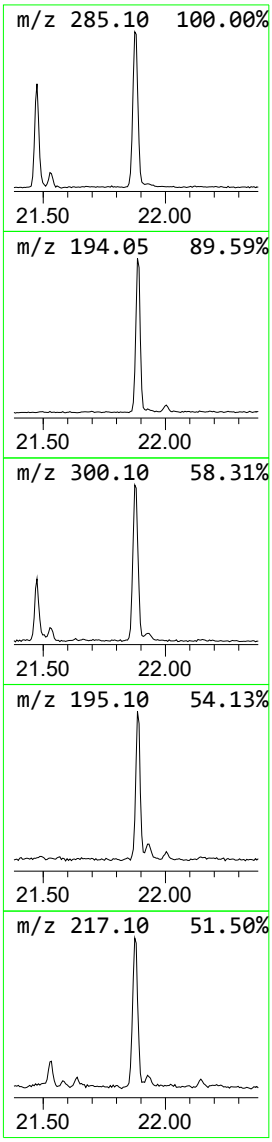
****

Peak Number 45 unknown-05 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.880	22.15 ng/ul	2947000	Chrysene-d12	21.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9(1H)-Phenanthrenone, 2,3,4,4a,1...	300	C20H28O2	000511-05-7	86
2	9(1H)-Phenanthrenone, 2,3,4,4a,1...	300	C20H28O2	000511-05-7	86
3	9(1H)-Phenanthrenone, 2,3,4,4a,1...	300	C20H28O2	000511-05-7	86
4	2(1H)-Phenanthrenone, 3,4,4a,9,1...	300	C20H28O2	006755-93-7	80
5	Phenanthrene, 1,2,3,4,4a,9,10,10...	300	C21H32O	010064-26-3	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010224\
Data File : BP019236.D
Acq On : 03 Jan 2024 07:38
Operator : MA/JU
Sample : 05952-04
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCF89

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

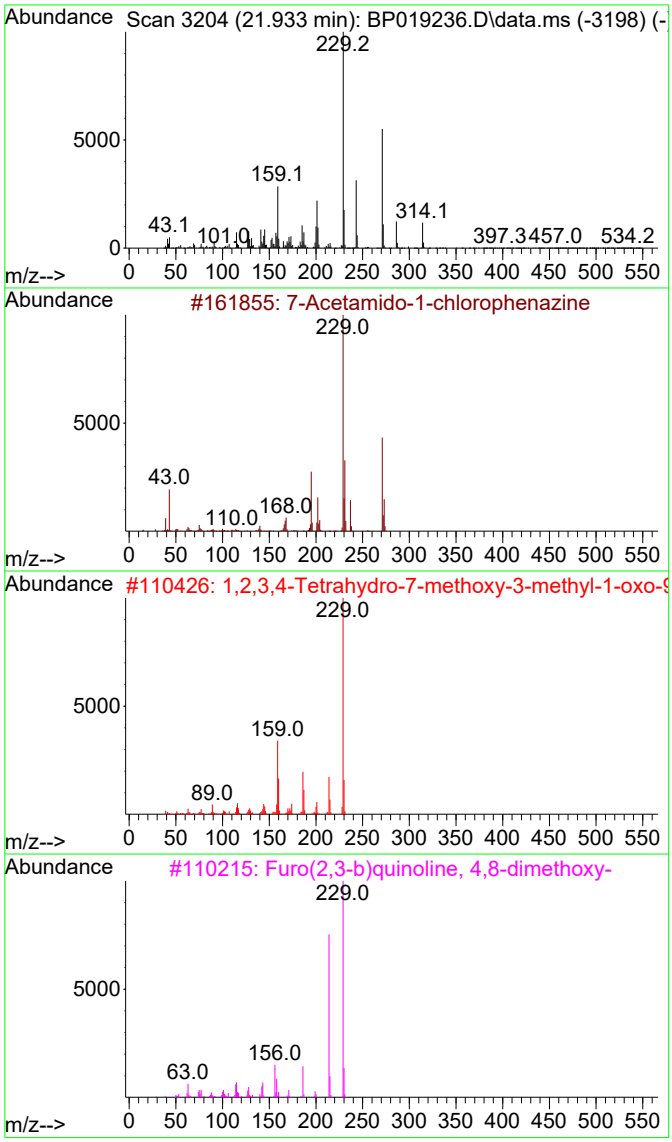
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

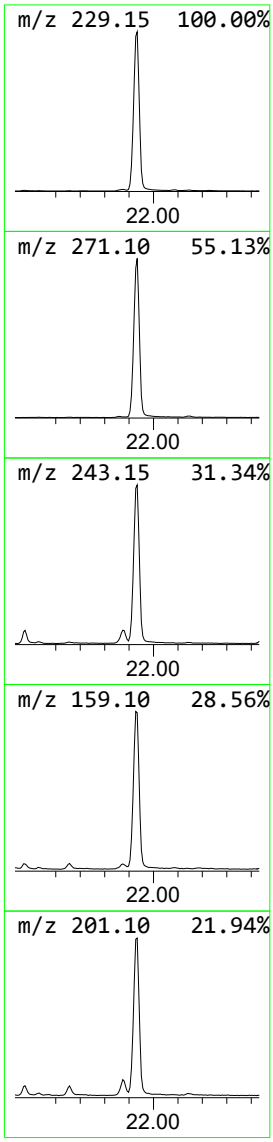
****

Peak Number 46 unknown-06 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.933	114.43 ng/ul	15221600	Chrysene-d12	21.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Acetamido-1-chlorophenazine	271	C14H10ClN3O	023677-12-5	47
2	1,2,3,4-Tetrahydro-7-methoxy-3-m...	229	C14H15NO2	032550-51-9	38
3	Furo(2,3-b)quinoline, 4,8-dimeth...	229	C13H11NO3	000524-15-2	30
4	6-Hydroxy-2,2,4,4-tetramethyl-1,...	244	C15H20N2O	138510-19-7	30
5	Benzoic acid, 4-(4-propylcyclohe...	423	C29H29NO2	082406-83-5	27





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010224\
Data File : BP019236.D
Acq On : 03 Jan 2024 07:38
Operator : MA/JU
Sample : 05952-04
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCF89

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
.alpha.-Pinene	6.469	4.3	ng/ul	209119	1	7.798	968628	20.0
3-Isopropyl-6,8...	13.222	4.9	ng/ul	767404	3	14.445	3143060	20.0
1,4-Methano-1H-...	13.445	9.7	ng/ul	1516070	3	14.445	3143060	20.0
Cycloisolongifo...	13.586	19.3	ng/ul	3035220	3	14.445	3143060	20.0
(1R,4aR,8aR)-2,...	13.616	5.1	ng/ul	801174	3	14.445	3143060	20.0
Longifolene	13.704	62.6	ng/ul	9838470	3	14.445	3143060	20.0
(S,1Z,6Z)-8-Iso...	13.751	14.8	ng/ul	2323730	3	14.445	3143060	20.0
cis-Thujopsene	13.957	17.9	ng/ul	2814660	3	14.445	3143060	20.0
Camphene	14.263	13.8	ng/ul	2170870	3	14.445	3143060	20.0
(1R,4R,5S)-1,8-...	14.333	18.6	ng/ul	2921710	3	14.445	3143060	20.0
Aromandendrene	14.592	4.2	ng/ul	654439	3	14.445	3143060	20.0
unknown-01	14.898	3.7	ng/ul	585348	3	14.445	3143060	20.0
1H-Benzocyclohe...	14.927	6.4	ng/ul	1000730	3	14.445	3143060	20.0
1H-Benzocyclohe...	15.674	5.1	ng/ul	803529	3	14.445	3143060	20.0
(3R,3aS,6S,7R)-...	15.727	31.0	ng/ul	4865380	3	14.445	3143060	20.0
Tricyclo[6.3.0....	15.933	34.2	ng/ul	3552650	4	17.198	2076070	20.0
(DEL) Alkane: C...	17.421	10.8	ng/ul	1123220	4	17.198	2076070	20.0
10,10-Dimethyl-...	18.057	4.8	ng/ul	499685	4	17.198	2076070	20.0
n-Hexadecanoic ...	18.098	16.9	ng/ul	1751710	4	17.198	2076070	20.0
Phenanthrene, 1...	19.027	17.4	ng/ul	1806470	4	17.198	2076070	20.0
Octadecanoic acid	19.339	11.3	ng/ul	1498810	5	21.304	2660480	20.0
unknown-02	19.792	3.5	ng/ul	466746	5	21.304	2660480	20.0
(DEL) Alkane: C...	20.045	2.7	ng/ul	361526	5	21.304	2660480	20.0
unknown-03	20.180	7.1	ng/ul	943825	5	21.304	2660480	20.0
2-Phenanthrenol...	20.239	44.0	ng/ul	5855230	5	21.304	2660480	20.0
unknown-04	20.410	237.3	ng/ul	31562800	5	21.304	2660480	20.0
4,4'-Bis(tetrah...	20.445	68.7	ng/ul	9136460	5	21.304	2660480	20.0
Heptadecyl hept...	21.015	9.4	ng/ul	1257710	5	21.304	2660480	20.0
9(1H)-Phenanthr...	21.104	10.8	ng/ul	1437030	5	21.304	2660480	20.0
2(1H)-Phenanthr...	21.474	6.1	ng/ul	812103	5	21.304	2660480	20.0
unknown-05	21.880	22.1	ng/ul	2947000	5	21.304	2660480	20.0
unknown-06	21.933	114.4	ng/ul	15221600	5	21.304	2660480	20.0