LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080921\
Data File : BP006613.D
Acq On : 09 Aug 2021 15:01
Operator : CG/JU
Sample : M3169-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C00C0

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-BP072421.M
Title : SVOA CALIBRATION

Signal : TIC: BP006613.D

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.687	99	102	113	rBV	129494	235950	5.22%	0.414%
2	3.781	115	118	124	rVB2	74611	100758	2.23%	0.177%
3	4.211	188	191	198	rVB2	72515	99365	2.20%	0.174%
4	4.540	244	247	251	rVB	50557	66336	1.47%	0.116%
5	6.928	648	653	660	rVB	339824	550622	12.18%	0.966%
6	7.093	676	681	694	rVB	285129	478695	10.59%	0.839%
7	7.287	708	714	724	rVB	359305	590930	13.07%	1.036%
8	7.375	726	729	738	rVB3	33424	64152	1.42%	0.113%
9	7.752	785	793	801	rVB	797100	1275188	28.21%	2.236%
10	8.334	889	892	897	rVB5	17710	25459	0.56%	0.045%
11	8.464	908	914	920	rBV	414163	644804	14.27%	1.131%
12	8.569	930	932	938	rVB2	26104	38733	0.86%	0.068%
13	8.905	983	989	996	rBV	351499	579613	12.82%	1.016%
14	8.969	997	1000	1008	rVB2	51859	78255	1.73%	0.137%
15	9.069	1015	1017	1027	rVB6	19766	45161	1.00%	0.079%
16	9.205	1036	1040	1049	rVB6	11852	29010	0.64%	0.051%
17	9.452	1078	1082	1089	rVB4	20582	33526	0.74%	0.059%
18	9.622	1104	1111	1123	rBV	300826	518275	11.47%	0.909%
19	9.869	1149	1153	1161	rVB4	26973	51755	1.15%	0.091%
20	9.969	1167	1170	1176	rVB7	16981	26557	0.59%	0.047%
21	10.158	1196	1202	1211	rVB	431903	729624	16.14%	1.280%
22	10.328	1225	1231	1239	rBV	136444	236895	5.24%	0.415%
23	10.534	1257	1266	1272	rBV	1135109	1980929	43.83%	3.474%
24	10.581	1272	1274	1280	rVV	32475	46281	1.02%	0.081%
25	10.681	1286	1291	1302	rVB2	155648	351003	7.77%	0.616%
26	11.234	1380	1385	1392	rVB3	16354	28415	0.63%	0.050%
27	11.346	1398	1404	1407	rBV4	15646	23614	0.52%	0.041%
28	11.452	1415	1422	1429	rVB6	19830	42441	0.94%	0.074%
29	11.563	1436	1441	1446	rBV	73444	115584	2.56%	0.203%
30	11.881	1488	1495	1501	rVV	10399	27716	0.61%	0.049%
31	11.963	1504	1509	1516	rVV	125607	193176	4.27%	0.339%
32	12.046	1518	1523	1527	rVV4	21129	41531	0.92%	0.073%
33	12.099	1527	1532	1541	rVV8	22817	60953	1.35%	0.107%
34	12.199	1541	1549	1555	rVB	76329	135527	3.00%	0.238%
35	12.416	1581	1586	1594	rVB	60527	97467	2.16%	0.171%
36	12.493	1594	1599	1603	rBV4	13992	23913	0.53%	0.042%

LSC Area Percent Report

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Acq On : 09 Aug 2021 15:01
Operator : CG/JU
Sample : M3169-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C00C0

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-BP072421.M
Title : SVOA CALIBRATION

37	12.663	1621	1628	1633	rVV6	36250	77637	1.72%	0.136%
38	12.740	1638	1641	1645	rVV5	16827	32622	0.72%	0.057%
39	12.781	1645	1648	1657	rVV4	26729	59048	1.31%	0.104%
40	12.869	1657	1663	1668	rVV5	19172	50501	1.12%	0.089%
41	12.922	1668	1672	1677	rVV2	52373	83687	1.85%	0.147%
42	12.975	1677	1681	1687	rVB7	13833	30980	0.69%	0.054%
43	13.210	1715	1721	1727	rBV	233755	332735	7.36%	0.584%
44	13.410	1751	1755	1757	rBV	19091	26325	0.58%	0.046%
45	13.546	1766	1778	1779	rBV2	69243	115366	2.55%	0.202%
46	13.657	1793	1797	1800	rBV4	21022	29898	0.66%	0.052%
47	13.699	1800	1804	1809	rBV	103593	171088	3.79%	0.300%
48	13.757	1809	1814	1817	rBV	100944	144723	3.20%	0.254%
49	13.799	1817	1821	1827	rVB	794775	1091504	24.15%	1.914%
50	13.875	1830	1834	1837	rVB2	55555	73208	1.62%	0.128%
51	13.934	1837	1844	1848	rBV2	59497	118056	2.61%	0.207%
52	13.969	1848	1850	1857	rVB4	16917	25786	0.57%	0.045%
53	14.075	1857	1868	1871	rBV	908887	1489780	32.96%	2.613%
54	14.210	1886	1891	1897	rBV10	22947	40246	0.89%	0.071%
55	14.293	1899	1905	1910	rVB	325921	416146	9.21%	0.730%
56	14.381	1911	1920	1926	rBV	1577721	2389333	52.86%	4.190%
57	14.440	1926	1930	1933	rVV2	55939	85060	1.88%	0.149%
58	14.469	1933	1935	1939	rVB4	47503	54345	1.20%	0.095%
59	14.516	1939	1943	1946	rBV4	17403	24543	0.54%	0.043%
60	14.598	1950	1957	1964	rBV2	297178	532049	11.77%	0.933%
61	14.746	1977	1982	1983	rBV3	52657	65544	1.45%	0.115%
62	14.781	1984	1988	1996	rVB	198032	319053	7.06%	0.560%
63	14.857	1996	2001	2006	rVB	104562	137457	3.04%	0.241%
64	14.910	2006	2010	2018	rVB5	46196	93826	2.08%	0.165%
65	14.998	2019	2025	2030	rBV3	83600	162969	3.61%	0.286%
66	15.051	2030	2034	2038	rVB	130909	168229	3.72%	0.295%
67	15.175	2048	2055	2058	rBV2	90238	172894	3.83%	0.303%
68	15.246	2063	2067	2072	rVB	504683	582308	12.88%	1.021%
69	15.316	2076	2079	2082	rBV4	21281	32564	0.72%	0.057%
70	15.375	2083	2089	2094	rVV	1230104	1705346	37.73%	2.991%
71	15.428	2094	2098	2103	rVV	326838	458363	10.14%	0.804%
72	15.481	2103	2107	2108	rVV4	70105	102744	2.27%	0.180%
73	15.504	2108	2111	2117	rVB2	147887	207457	4.59%	0.364%
74	15.557	2117	2120	2124	rBV5	24557	36071	0.80%	0.063%
75	15.651	2132	2136	2141	rVB3	80241	120518	2.67%	0.211%
76	15.728	2144	2149	2159	rVB	146508	266007	5.89%	0.466%

LSC Area Percent Report

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Acq On : 09 Aug 2021 15:01
Operator : CG/JU
Sample : M3169-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C00C0

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-BP072421.M
Title : SVOA CALIBRATION

77	15.804	2159	2162	2166	rBV4	47035	71720	1.59%	0.126%
78	15.875	2169	2174	2182	rVB3	168789	359753	7.96%	0.631%
79	15.963	2183	2189	2194	rVV4	69639	160984	3.56%	0.282%
80	16.110	2209	2214	2222	rBV	834276	1180796	26.12%	2.071%
81	16.487	2275	2278	2282	rVB	100939	110027	2.43%	0.193%
82	16.669	2306	2309	2312	rBV4	104179	148638	3.29%	0.261%
83	16.792	2326	2330	2336	rVB2	192865	297304	6.58%	0.521%
84	16.869	2339	2343	2346	rBV3	171126	319761	7.07%	0.561%
85	16.910	2346	2350	2354	rVV	761565	951053	21.04%	1.668%
86	16.951	2354	2357	2362	rVV	296157	400080	8.85%	0.702%
87	17.134	2383	2388	2392	rBV	1684376	2587609	57.25%	4.538%
88	17.181	2392	2396	2400	rVV	2497915	3590433	79.43%	6.296%
89	17.234	2400	2405	2408	rVV2	1300651	1854776	41.03%	3.253%
90	17.269	2408	2411	2416	rVB	532615	742600	16.43%	1.302%
91	17.651	2472	2476	2480	rVB	903660	1078140	23.85%	1.891%
92	18.010	2533	2537	2539	rBV	486271	657037	14.54%	1.152%
93	18.051	2540	2544	2552	rVB2	1101933	1891291	41.84%	3.317%
94	18.192	2564	2568	2572	rBV2	591973	940162	20.80%	1.649%
95	18.328	2587	2591	2598	rBV	911396	1207523	26.71%	2.118%
96	18.939	2692	2695	2701	rBV2	950713	1332933	29.49%	2.338%
97	19.157	2728	2732	2740	rBV	3574361	4520055	100.00%	7.927%
98	19.481	2783	2787	2789	rBV2	1759488	2395345	52.99%	4.201%
99	19.510	2789	2792	2801	rVB	2849171	3943786	87.25%	6.916%
100	21.239	3081	3086	3090	rBV2	2550131	4487125	99.27%	7.869%

Sum of corrected areas: 57023160

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080921\
Data File : BP006613.D
Acq On : 09 Aug 2021 15:01
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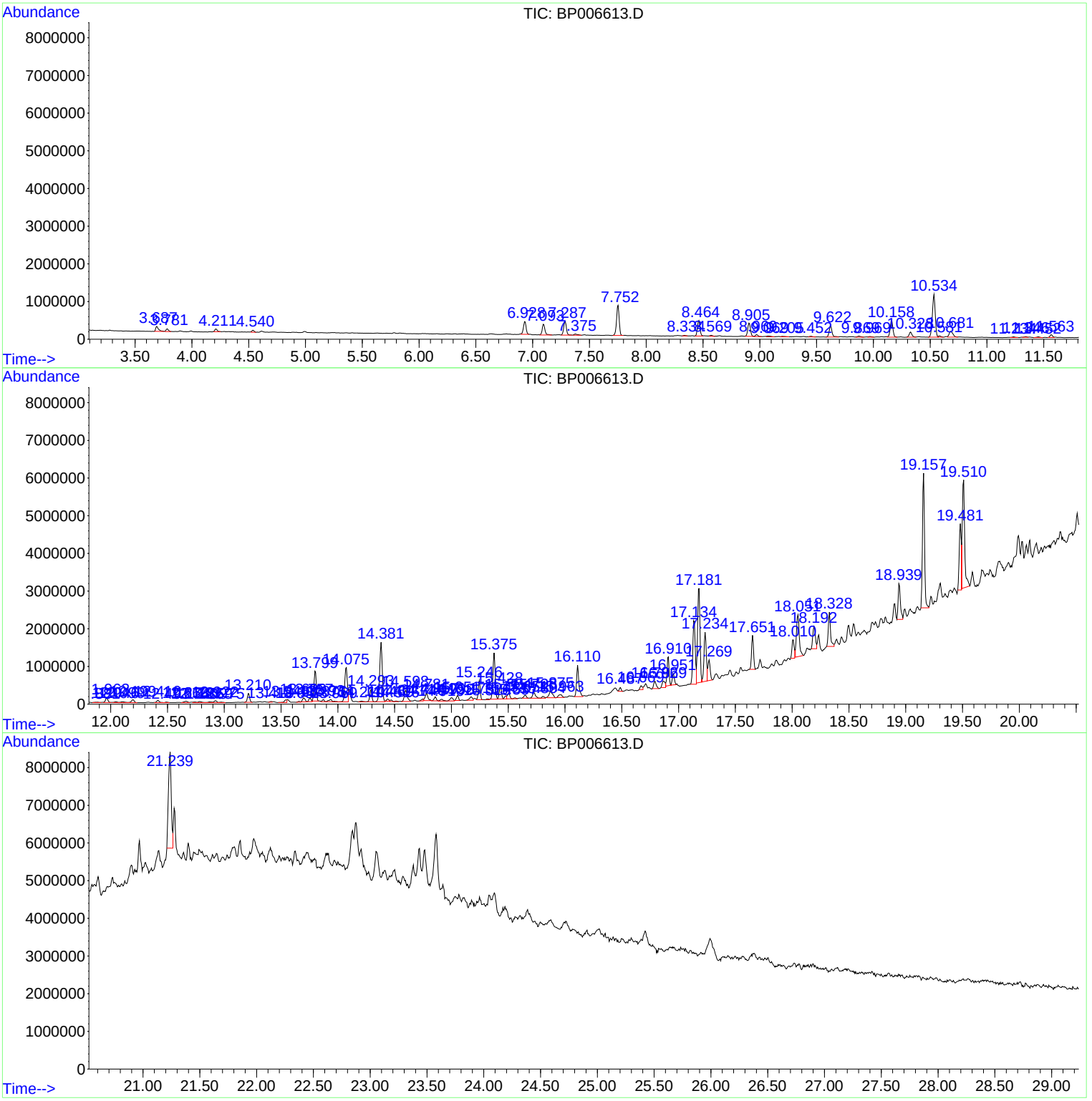
Sample : M3169-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C00C0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080921\
Data File : BP006613.D
Acq On : 09 Aug 2021 15:01
Operator : CG/JU
Sample : M3169-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C00C0

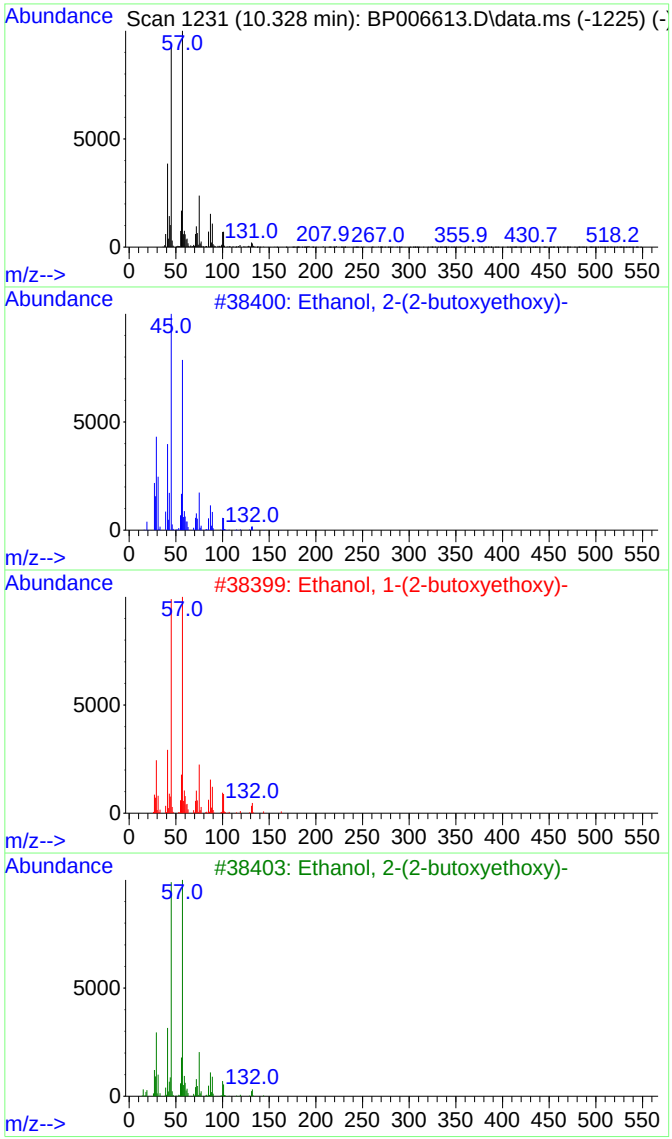
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION

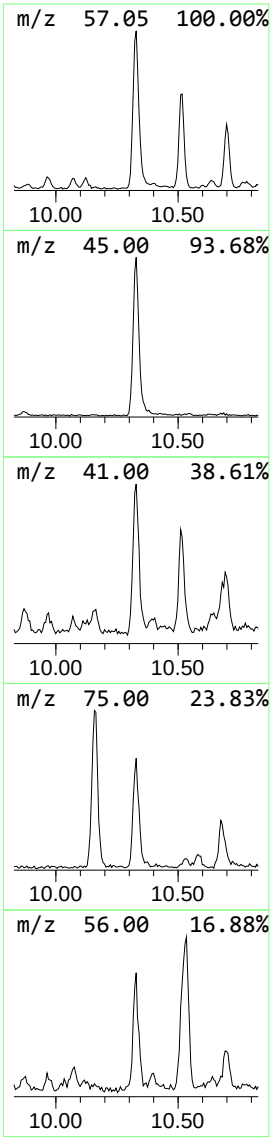
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.330	2.39 ng/ul	236895	Naphthalene-d8	10.534

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	90
3	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
4	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
5	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080921\
Data File : BP006613.D
Acq On : 09 Aug 2021 15:01
Operator : CG/JU
Sample : M3169-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C00C0

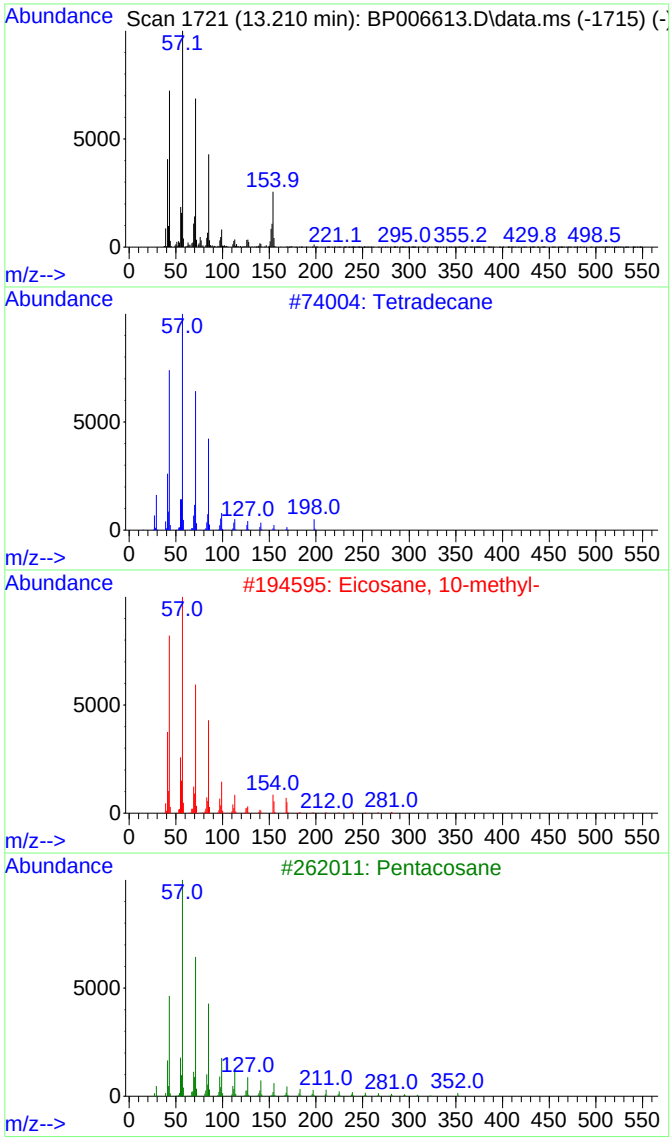
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION

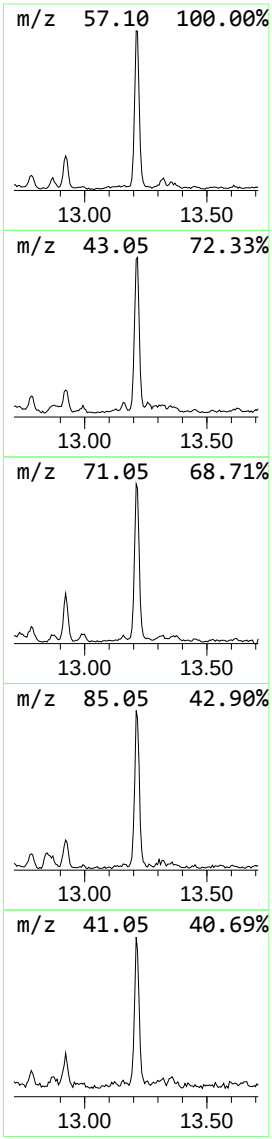
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.210	2.79 ng/ul	332735	Acenaphthene-d10	14.381

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	76
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	70
3	Pentacosane	352	C25H52	000629-99-2	64
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64
5	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	62





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080921\
Data File : BP006613.D
Acq On : 09 Aug 2021 15:01
Operator : CG/JU
Sample : M3169-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C00C0

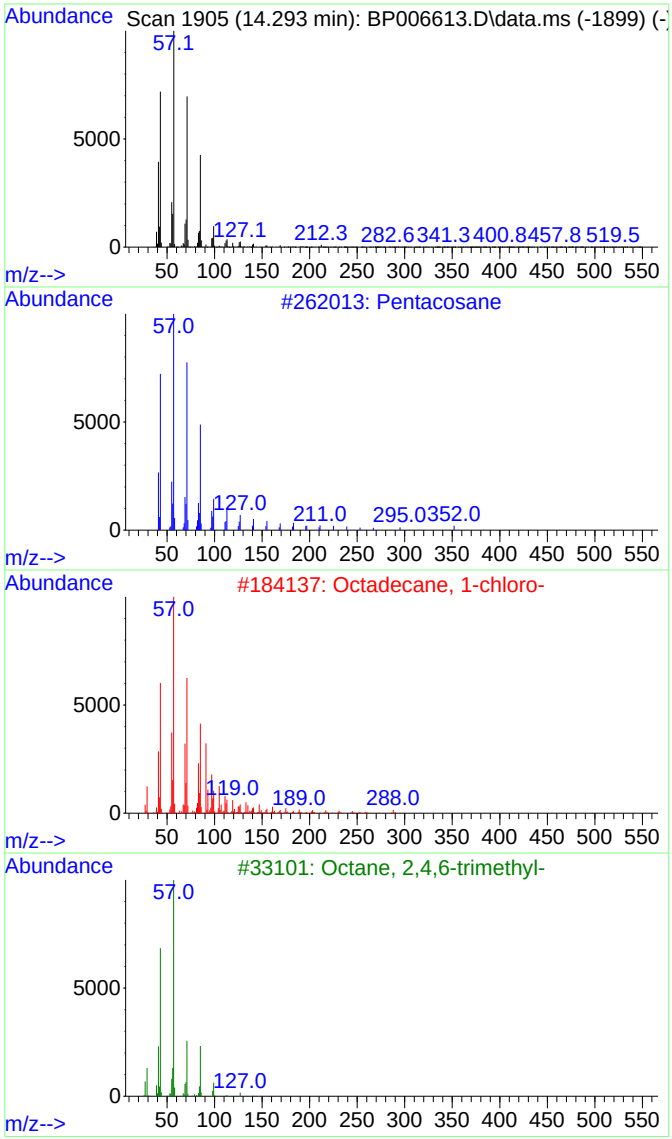
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION

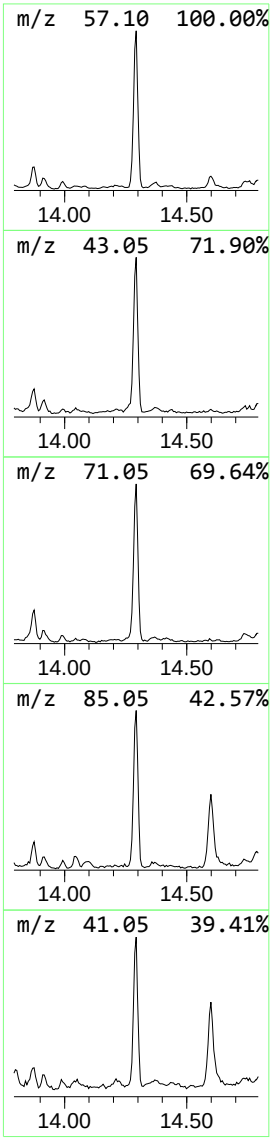
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.290	3.48 ng/ul	416146	Acenaphthene-d10	14.381

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	95
2	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	87
3	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	86
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
5	Nonadecane	268	C19H40	000629-92-5	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080921\
Data File : BP006613.D
Acq On : 09 Aug 2021 15:01
Operator : CG/JU
Sample : M3169-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C00C0

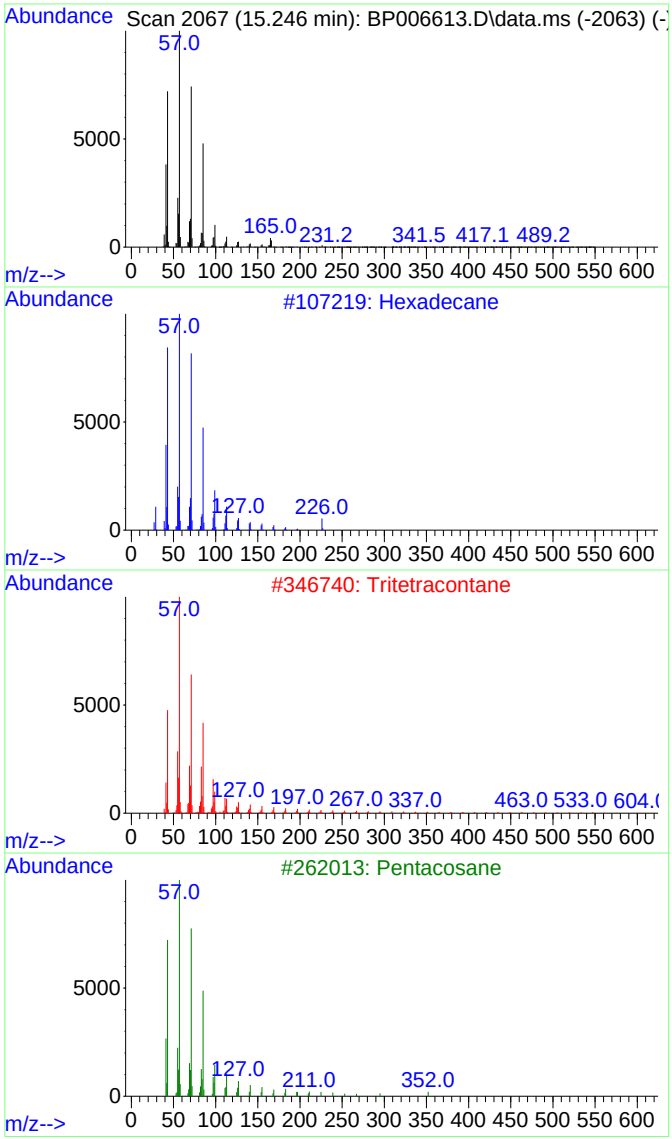
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION

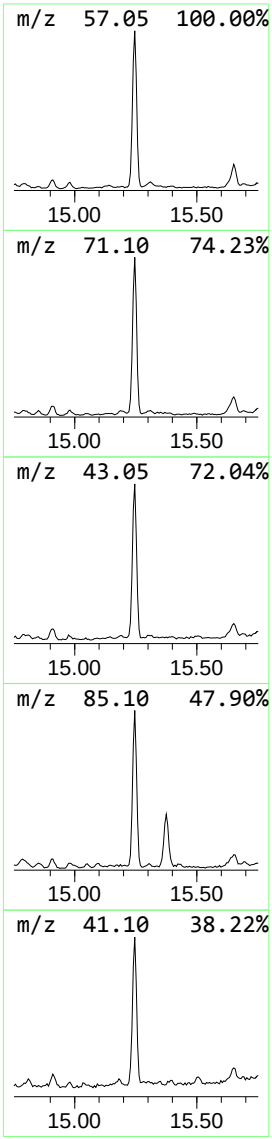
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.250	4.87 ng/ul	582308	Acenaphthene-d10	14.381

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Tritetracontane	605	C43H88	007098-21-7	90
3	Pentacosane	352	C25H52	000629-99-2	87
4	Decane, 1-iodo-	268	C10H21I	002050-77-3	87
5	Heneicosane	296	C21H44	000629-94-7	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080921\
Data File : BP006613.D
Acq On : 09 Aug 2021 15:01
Operator : CG/JU
Sample : M3169-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C00C0

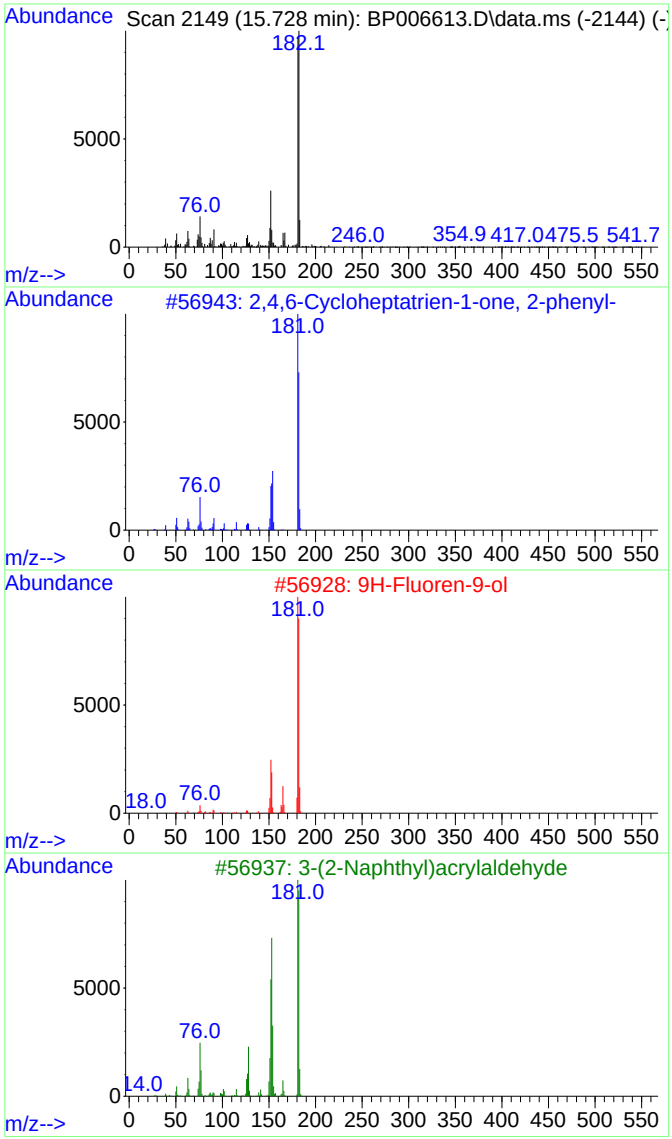
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION

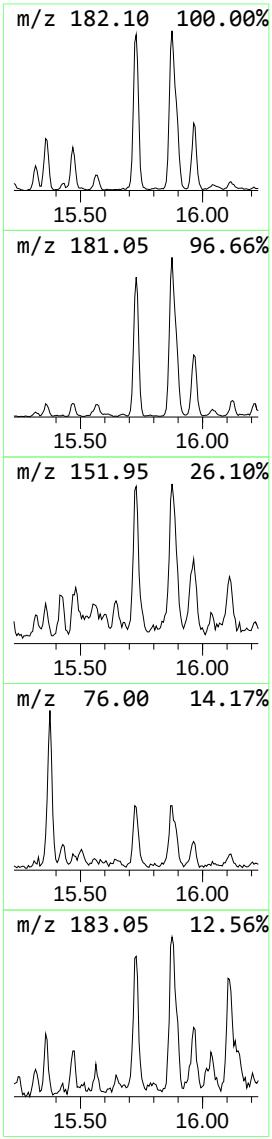
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 2,4,6-Cycloheptatrien-1-one... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.730	2.23 ng/ul	266007	Acenaphthene-d10	14.381

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	90
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	87
3	3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	86
4	3-(1-Naphthyl)acrylaldehyde	182	C13H10O	001504-73-0	83
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	81





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Acq On : 09 Aug 2021 15:01
Operator : CG/JU
Sample : M3169-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C00C0

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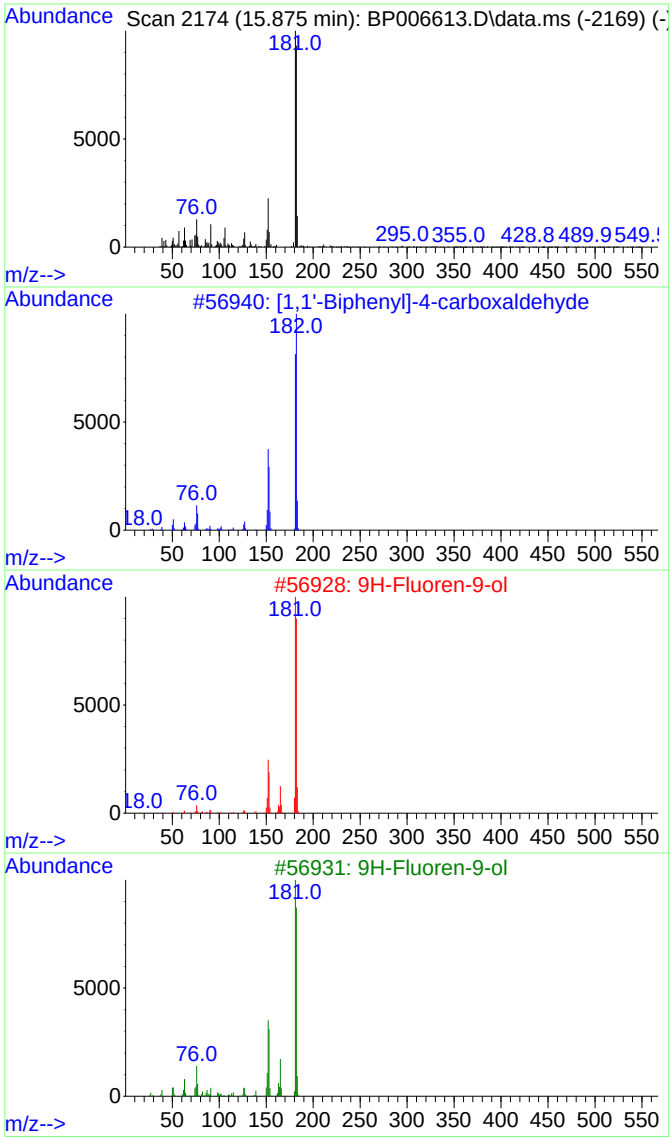
Quant Title : SVOA CALIBRATION

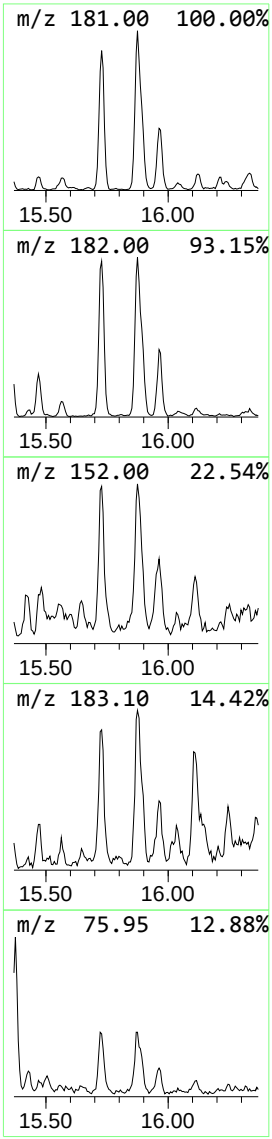
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.870	2.78 ng/ul	359753	Phenanthrene-d10	17.134

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	86
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	72
4	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	70
5	2-Hydroxyfluorene	182	C13H10O	002443-58-5	64





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Acq On : 09 Aug 2021 15:01
Operator : CG/JU
Sample : M3169-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C00C0

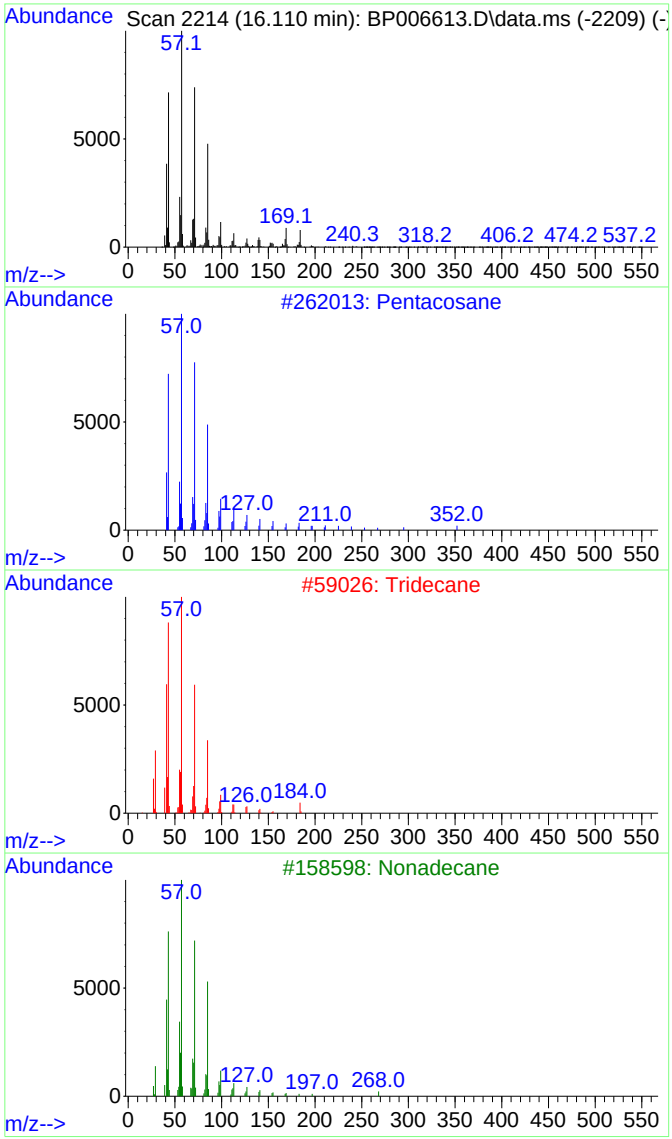
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION

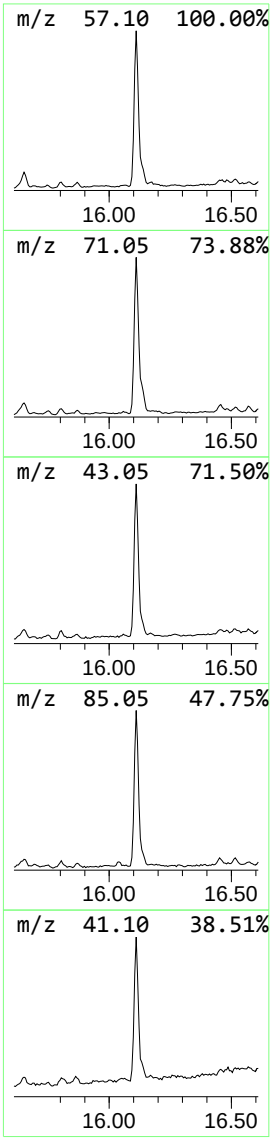
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.110	9.13 ng/ul	1180800	Phenanthrene-d10	17.134

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	96
2	Tridecane	184	C13H28	000629-50-5	90
3	Nonadecane	268	C19H40	000629-92-5	87
4	Dodecane	170	C12H26	000112-40-3	87
5	Undecane, 2-methyl-	170	C12H26	007045-71-8	83





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C00C0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION

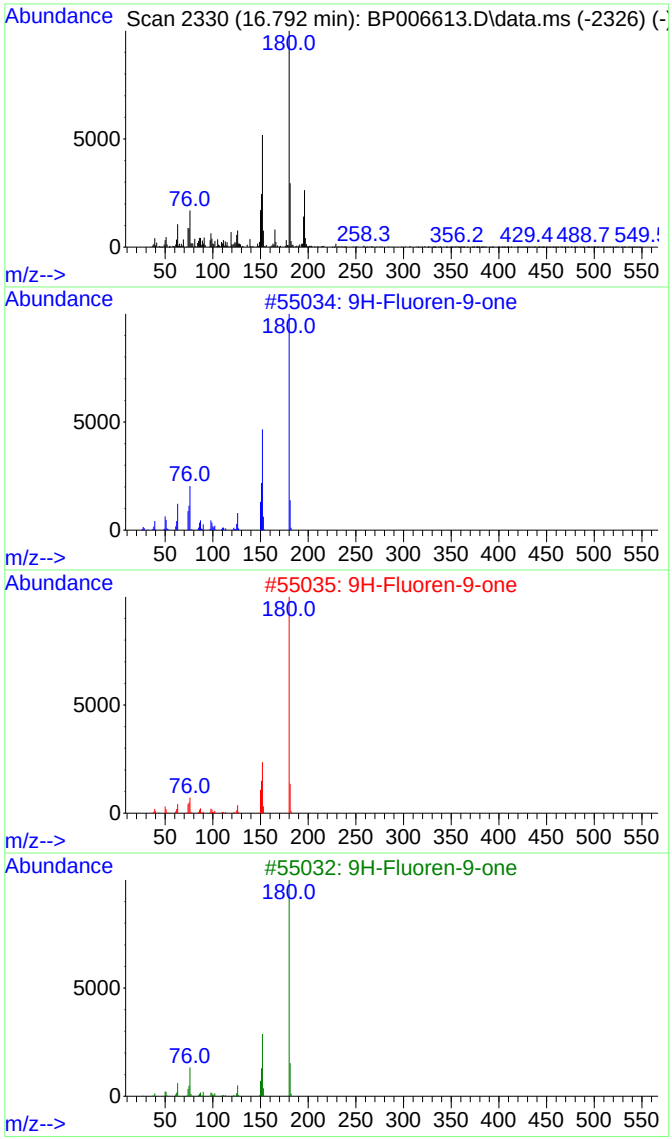
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

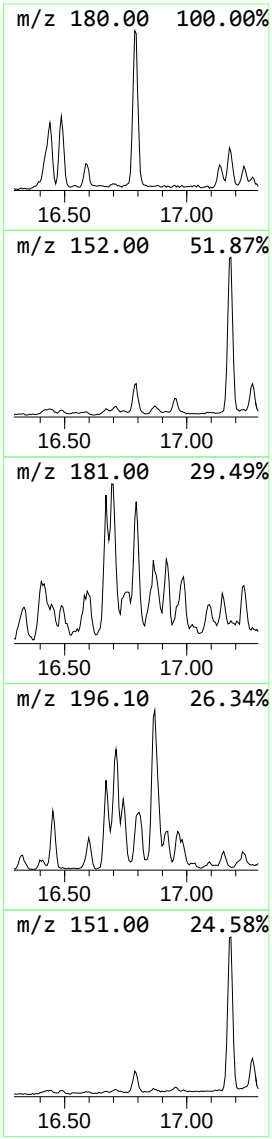
****

Peak Number 8 9H-Fluoren-9-one Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.790	2.30 ng/ul	297304	Phenanthrene-d10	17.134

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	76
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	76
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	68





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Operator : CG/JU
Sample : M3169-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C00C0

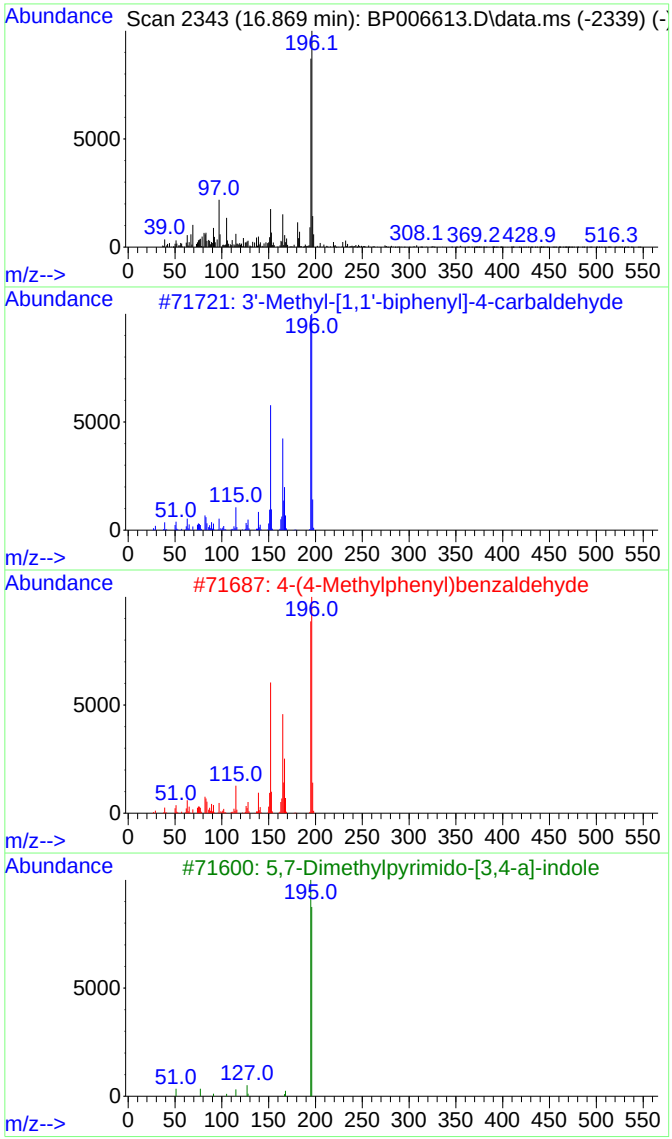
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION

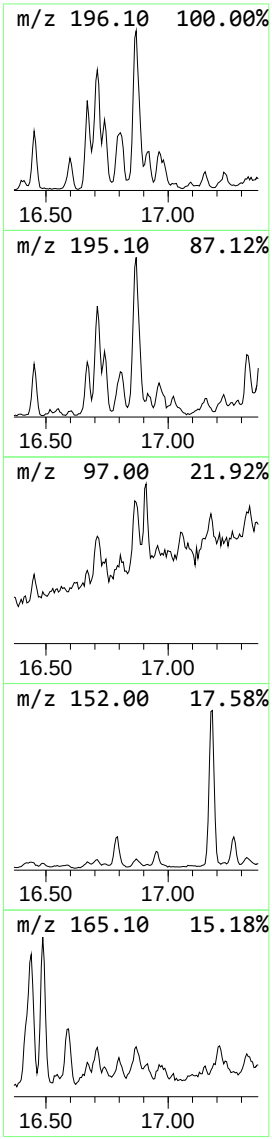
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 3'-Methyl-[1,1'-biphenyl]-4... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.870	2.47 ng/ul	319761	Phenanthrene-d10	17.134

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3'-Methyl-[1,1'-biphenyl]-4-carb...	196	C14H12O	400744-83-4	81
2	4-(4-Methylphenyl)benzaldehyde	196	C14H12O	036393-42-7	74
3	5,7-Dimethylpyrimido-[3,4-a]-indole	196	C13H12N2	038349-21-2	50
4	Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	49
5	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	47





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C00C0

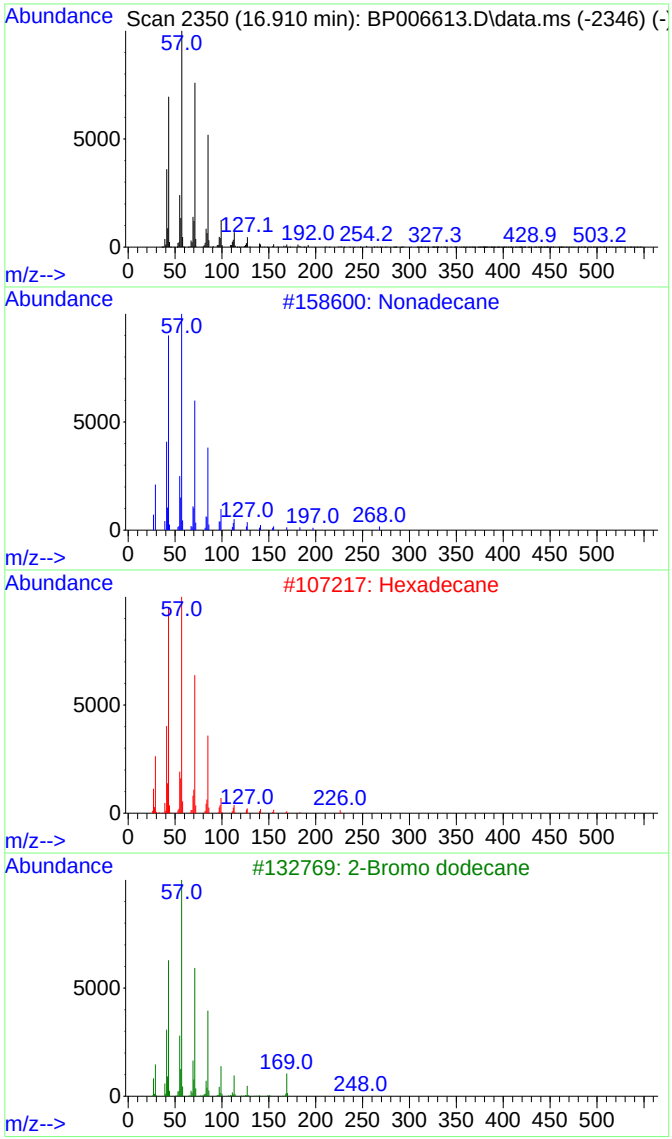
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION

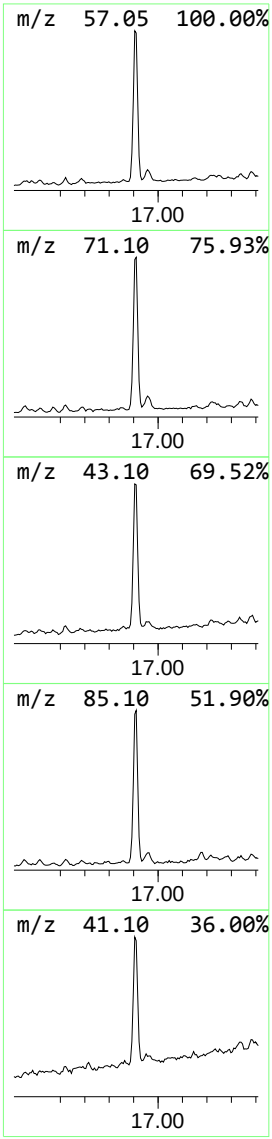
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.910	7.35 ng/ul	951053	Phenanthrene-d10	17.134

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	94
2	Hexadecane	226	C16H34	000544-76-3	94
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	94
4	Nonadecane	268	C19H40	000629-92-5	93
5	Hexadecane	226	C16H34	000544-76-3	90





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Acq On : 09 Aug 2021 15:01
Operator : CG/JU
Sample : M3169-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION

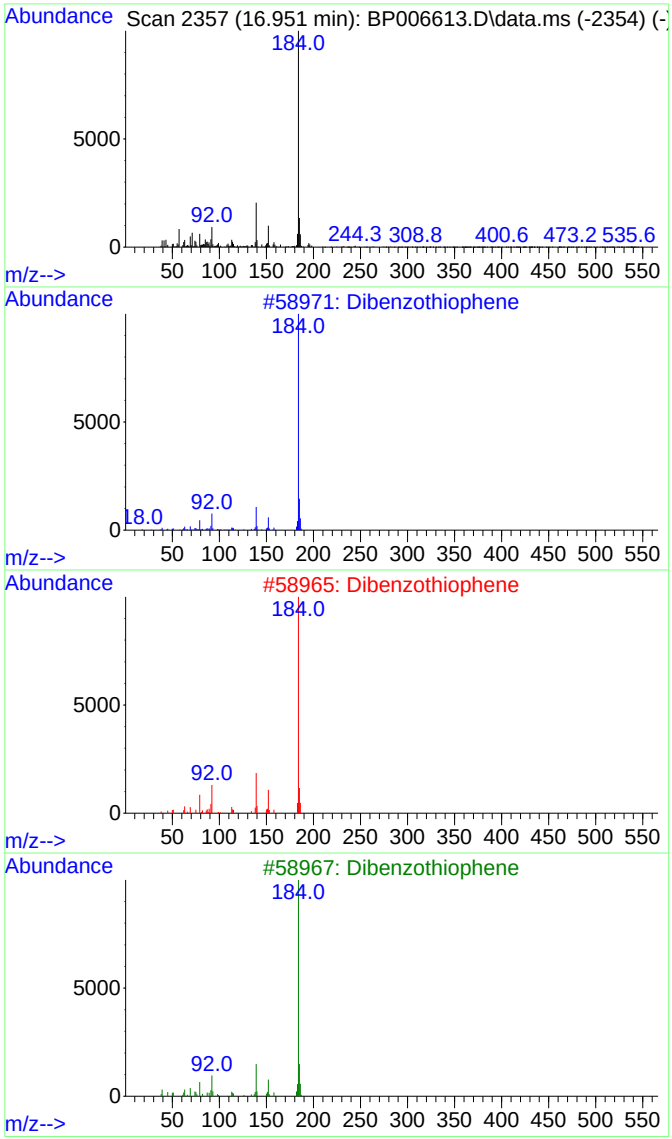
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

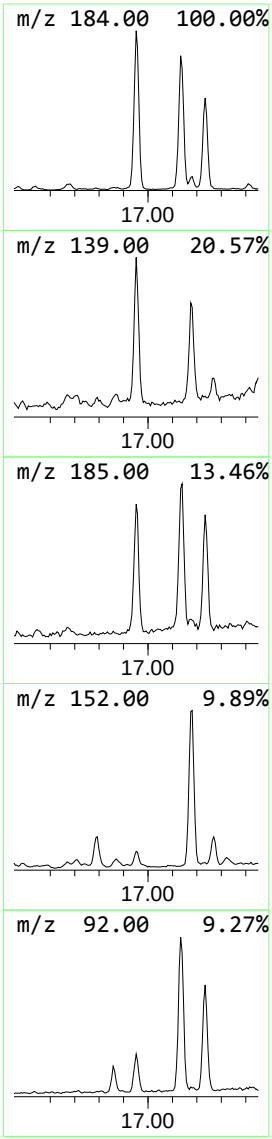
****

Peak Number 11 Dibenzothiophene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.950	3.09 ng/ul	400080	Phenanthrene-d10	17.134

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	96
2	Dibenzothiophene	184	C12H8S	000132-65-0	95
3	Dibenzothiophene	184	C12H8S	000132-65-0	95
4	Dibenzothiophene	184	C12H8S	000132-65-0	94
5	Dibenzothiophene	184	C12H8S	000132-65-0	94





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Operator : CG/JU
Sample : M3169-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C00C0

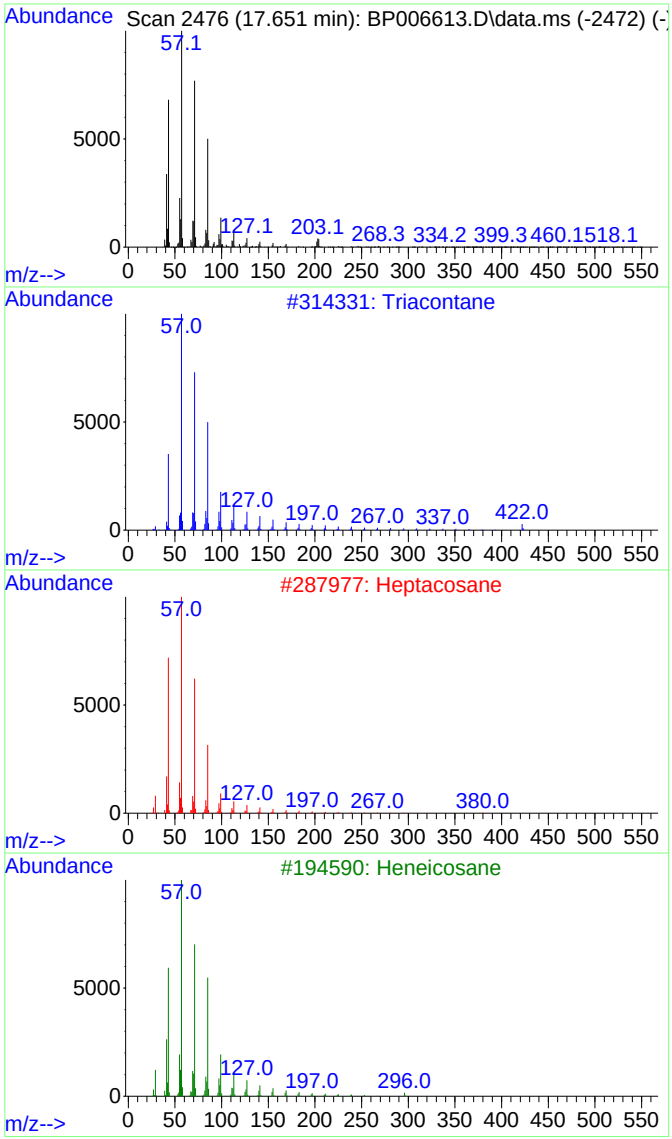
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION

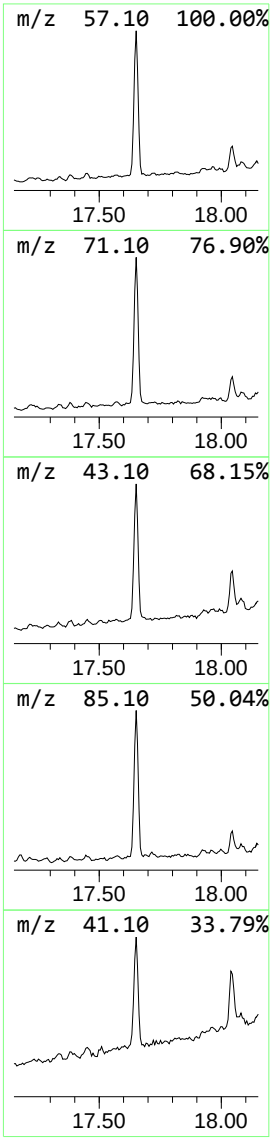
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.650	8.33 ng/ul	1078140	Phenanthrene-d10	17.134

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triacontane	422	C30H62	000638-68-6	94
2	Heptacosane	380	C27H56	000593-49-7	93
3	Heneicosane	296	C21H44	000629-94-7	91
4	Hexacosane	366	C26H54	000630-01-3	90
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	90





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Operator : CG/JU
Sample : M3169-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
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Quant Title : SVOA CALIBRATION

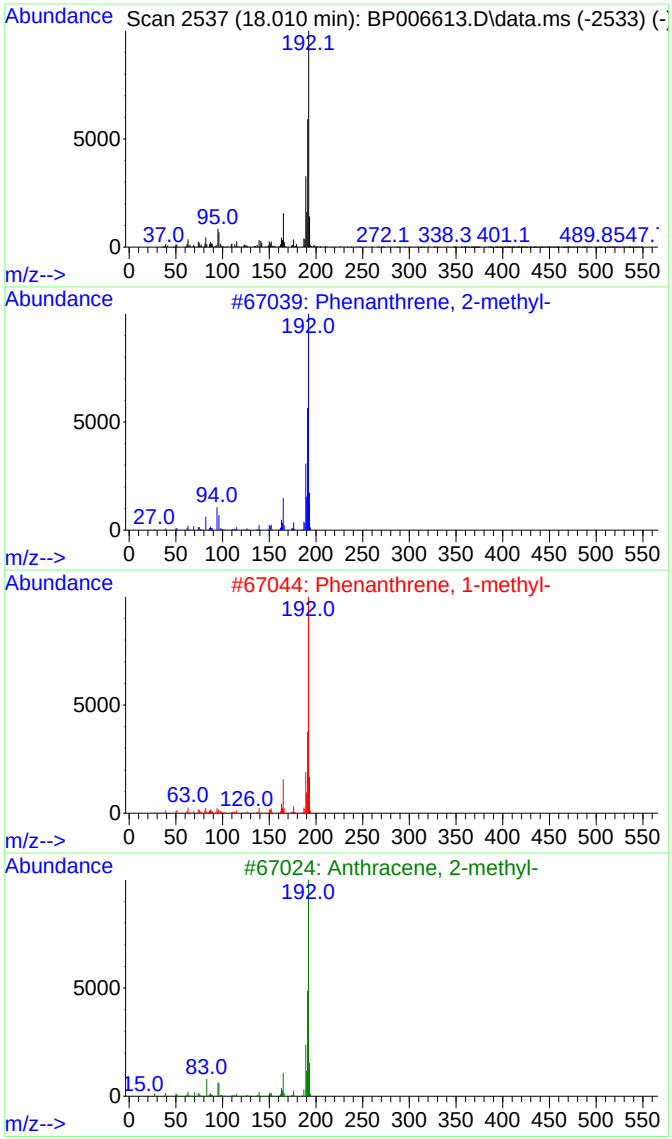
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

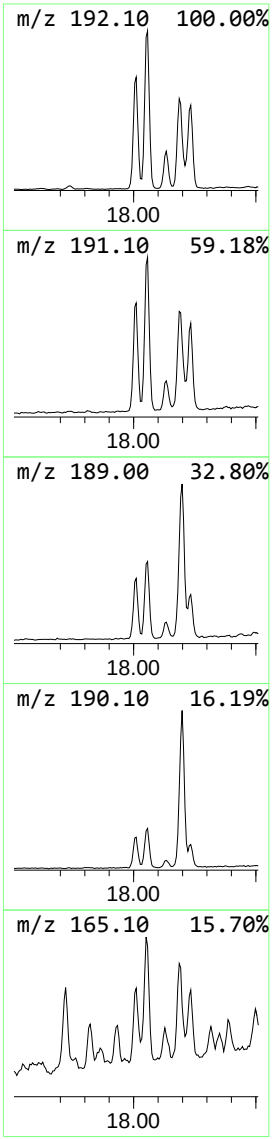
****

Peak Number 13 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.010	5.08 ng/ul	657037	Phenanthrene-d10	17.134

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94





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Sample : M3169-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C00C0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION

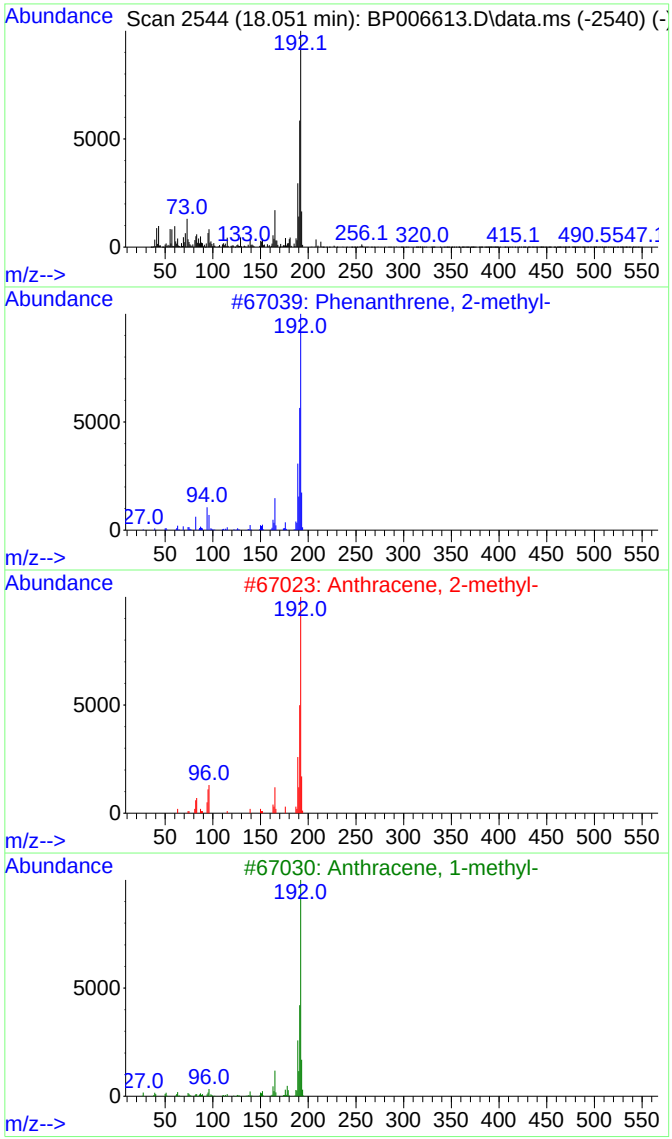
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

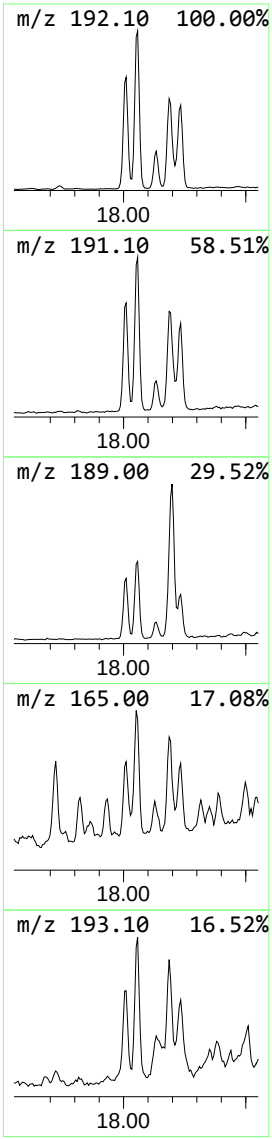
****

Peak Number 14 Anthracene, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.050	14.62 ng/ul	1891290	Phenanthrene-d10	17.134

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95





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Operator : CG/JU
Sample : M3169-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C00C0

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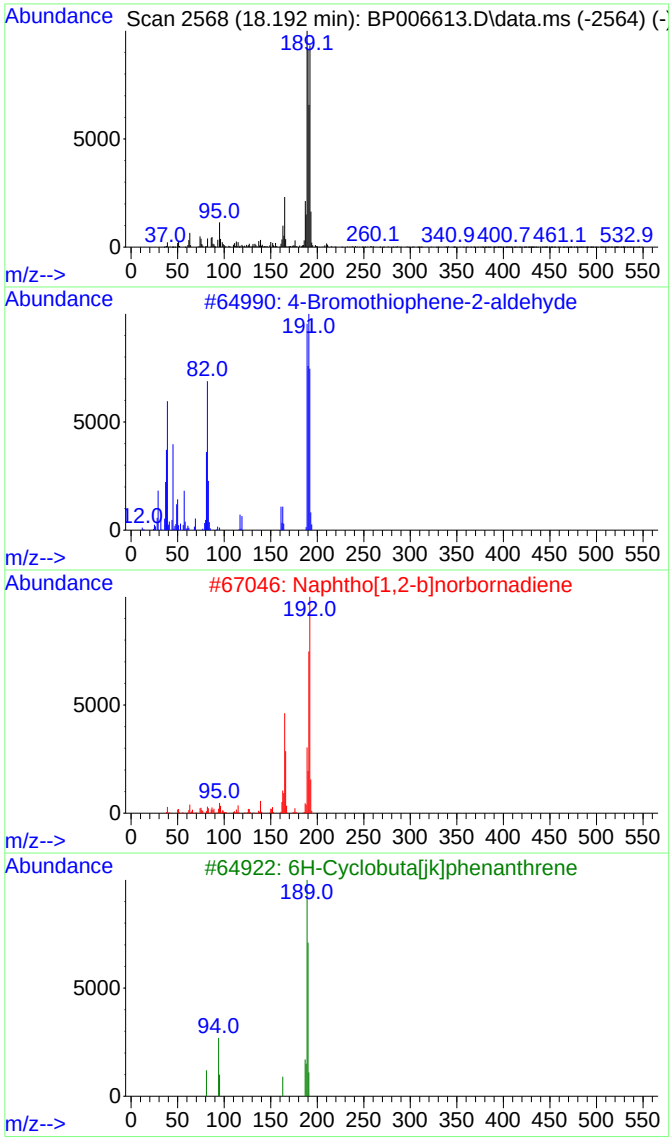
Quant Title : SVOA CALIBRATION

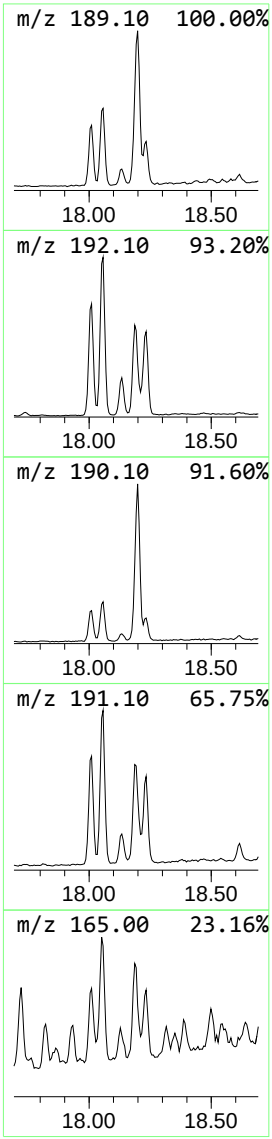
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 4-Bromothiophene-2-aldehyde Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.190	7.27 ng/ul	940162	Phenanthrene-d10	17.134

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Bromothiophene-2-aldehyde	190	C5H3BrOS	018791-75-8	58
2	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	50
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	46
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	46





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Sample : M3169-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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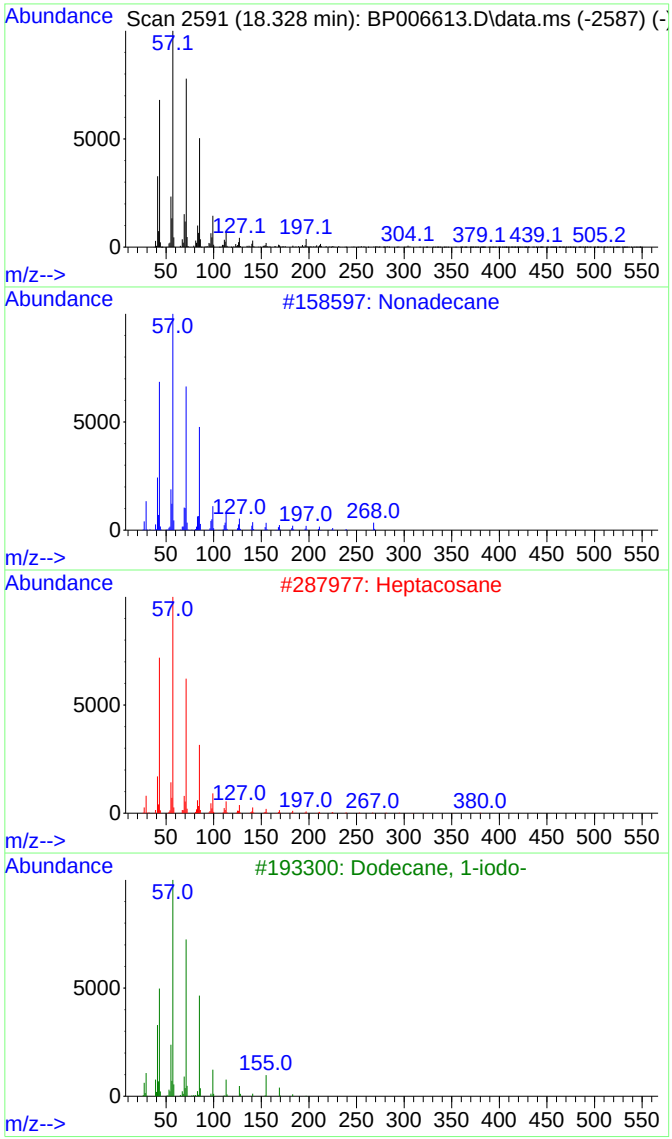
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION

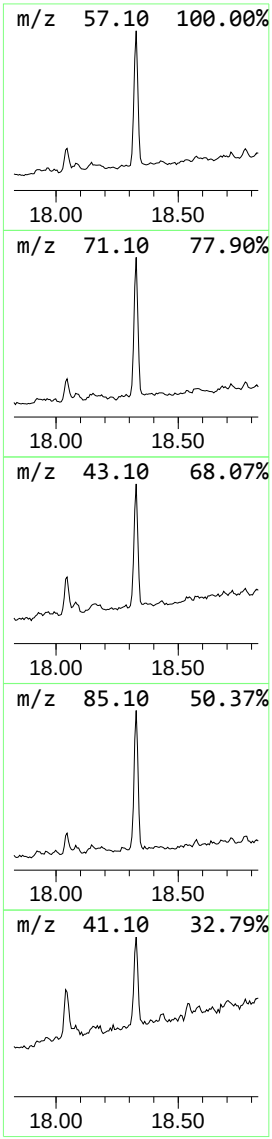
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.330	9.33 ng/ul	1207520	Phenanthrene-d10	17.134

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Heptacosane	380	C27H56	000593-49-7	90
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
5	Tetradecane	198	C14H30	000629-59-4	86





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Operator : CG/JU
Sample : M3169-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C00C0

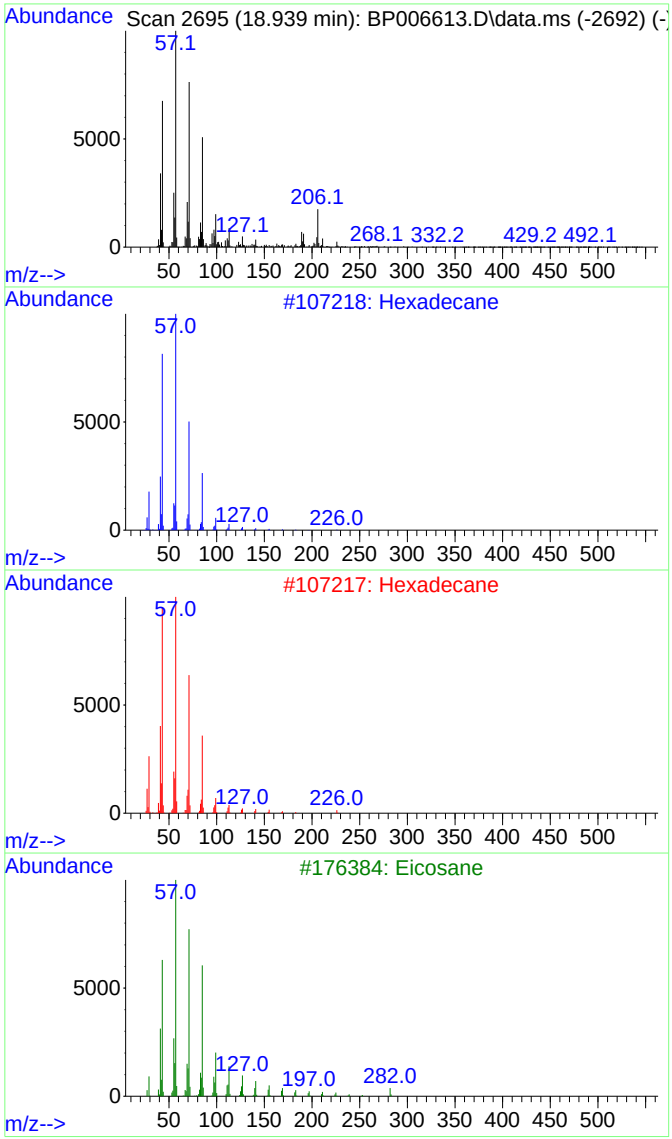
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION

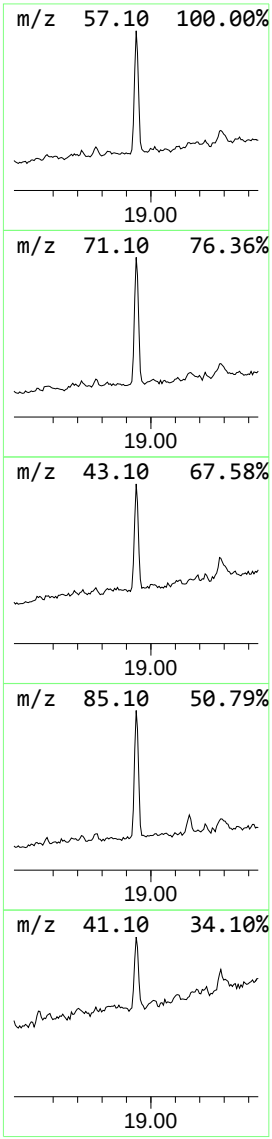
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.940	10.30 ng/ul	1332930	Phenanthrene-d10	17.134

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Hexadecane	226	C16H34	000544-76-3	94
3	Eicosane	282	C20H42	000112-95-8	90
4	Hexadecane	226	C16H34	000544-76-3	90
5	Dodecane, 4-methyl-	184	C13H28	006117-97-1	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080921\
Data File : BP006613.D
Acq On : 09 Aug 2021 15:01
Operator : CG/JU
Sample : M3169-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C00C0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.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
Ethanol, 2-(2-b...	10.330	2.4	ng/ul	236895	2	10.534	1980930	20.0
(DEL) Alkane: S...	13.210	2.8	ng/ul	332735	3	14.381	2389330	20.0
(DEL) Alkane: S...	14.290	3.5	ng/ul	416146	3	14.381	2389330	20.0
(DEL) Alkane: S...	15.250	4.9	ng/ul	582308	3	14.381	2389330	20.0
2,4,6-Cyclohept...	15.730	2.2	ng/ul	266007	3	14.381	2389330	20.0
[1,1'-Biphenyl]...	15.870	2.8	ng/ul	359753	4	17.134	2587610	20.0
(DEL) Alkane: S...	16.110	9.1	ng/ul	1180800	4	17.134	2587610	20.0
9H-Fluoren-9-one	16.790	2.3	ng/ul	297304	4	17.134	2587610	20.0
3'-Methyl-[1,1'...	16.870	2.5	ng/ul	319761	4	17.134	2587610	20.0
(DEL) Alkane: S...	16.910	7.3	ng/ul	951053	4	17.134	2587610	20.0
Dibenzothiophene	16.950	3.1	ng/ul	400080	4	17.134	2587610	20.0
(DEL) Alkane: S...	17.650	8.3	ng/ul	1078140	4	17.134	2587610	20.0
Phenanthrene, 2...	18.010	5.1	ng/ul	657037	4	17.134	2587610	20.0
Anthracene, 2-m...	18.050	14.6	ng/ul	1891290	4	17.134	2587610	20.0
4-Bromothiophen...	18.190	7.3	ng/ul	940162	4	17.134	2587610	20.0
(DEL) Alkane: S...	18.330	9.3	ng/ul	1207520	4	17.134	2587610	20.0
(DEL) Alkane: S...	18.940	10.3	ng/ul	1332930	4	17.134	2587610	20.0