LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083021\
Data File : BM031977.D
Acq On : 31 Aug 2021 09:27
Operator : CG/JU
Sample : M3448-03DL 2X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBKD5DL

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

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

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.M
Title : SVOA CALIBRATION

Signal : TIC: BM031977.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.534	73	76	91	rBV	33550	74093	2.92%	0.224%
2	6.704	610	615	625	rVB2	32278	55397	2.18%	0.167%
3	6.863	636	642	653	rBV	130785	213818	8.42%	0.646%
4	7.045	667	673	682	rVV	144248	230256	9.06%	0.695%
5	7.504	745	751	762	rBV	310203	481051	18.94%	1.453%
6	7.863	804	812	820	rBV	153033	238677	9.40%	0.721%
7	8.222	867	873	880	rBV	107604	180649	7.11%	0.546%
8	8.657	940	947	959	rBV	193484	322923	12.71%	0.975%
9	9.369	1059	1068	1078	rBV	158385	257800	10.15%	0.779%
10	9.522	1088	1094	1103	rBV2	16510	26604	1.05%	0.080%
11	9.663	1112	1118	1129	rVB2	43414	81383	3.20%	0.246%
12	9.898	1152	1158	1169	rBV	230405	401977	15.82%	1.214%
13	10.080	1184	1189	1204	rBV2	20522	53302	2.10%	0.161%
14	10.263	1213	1220	1226	rBV	443193	725102	28.54%	2.190%
15	10.416	1240	1246	1258	rBV	212397	384893	15.15%	1.162%
16	11.674	1452	1460	1468	rVV4	17995	39134	1.54%	0.118%
17	11.827	1478	1486	1495	rBV3	39317	74298	2.92%	0.224%
18	11.933	1495	1504	1512	rVB	62627	100838	3.97%	0.305%
19	12.080	1520	1529	1532	rVV7	8934	24759	0.97%	0.075%
20	12.157	1532	1542	1553	rVB	410616	711056	27.99%	2.147%
21	13.192	1709	1718	1723	rVB2	27583	56403	2.22%	0.170%
22	13.304	1729	1737	1738	rBV2	52168	81848	3.22%	0.247%
23	13.463	1757	1764	1769	rVV	132032	241711	9.51%	0.730%
24	13.516	1769	1773	1776	rVV	58764	86874	3.42%	0.262%
25	13.574	1776	1783	1794	rVV	549213	793723	31.24%	2.397%
26	13.698	1797	1804	1808	rBV	62907	102822	4.05%	0.311%
27	13.727	1808	1809	1815	rVB	30554	34416	1.35%	0.104%
28	13.833	1819	1827	1840	rBV	574697	935893	36.84%	2.826%
29	14.145	1870	1880	1885	rBV	776159	1169599	46.04%	3.532%
30	14.210	1885	1891	1901	rVV	1770508	2540389	100.00%	7.672%
31	14.363	1910	1917	1921	rBV5	15732	38622	1.52%	0.117%
32	14.415	1921	1926	1928	rVV	19167	39506	1.56%	0.119%
33	14.457	1928	1933	1938	rVV2	40391	77023	3.03%	0.233%
34	14.551	1939	1949	1956	rVV	665175	972640	38.29%	2.937%
35	14.633	1958	1963	1966	rVB	18356	25356	1.00%	0.077%
36	14.774	1978	1987	1992	rBV6	26046	55406	2.18%	0.167%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083021\
Data File : BM031977.D
Acq On : 31 Aug 2021 09:27
Operator : CG/JU
Sample : M3448-03DL 2X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBKD5DL

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

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

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.M
Title : SVOA CALIBRATION

37	14.945	2009	2016	2019	rBV2	17048	33097	1.30%	0.100%
38	15.145	2044	2050	2055	rVV	827271	1198452	47.18%	3.619%
39	15.204	2055	2060	2066	rVV	966212	1314333	51.74%	3.969%
40	15.304	2071	2077	2078	rVV2	36550	52086	2.05%	0.157%
41	15.327	2078	2081	2084	rVV3	79523	116008	4.57%	0.350%
42	15.362	2084	2087	2093	rVV2	76619	127396	5.01%	0.385%
43	15.415	2093	2096	2099	rVV5	34850	52607	2.07%	0.159%
44	15.457	2099	2103	2106	rVV	38395	58299	2.29%	0.176%
45	15.504	2106	2111	2119	rVB	63691	103004	4.05%	0.311%
46	15.651	2132	2136	2144	rVB2	74528	147891	5.82%	0.447%
47	15.727	2144	2149	2157	rVB3	23341	51319	2.02%	0.155%
48	15.886	2170	2176	2190	rVB2	174652	297137	11.70%	0.897%
49	16.004	2190	2196	2202	rBV	61310	93091	3.66%	0.281%
50	16.209	2225	2231	2235	rVV	38430	84550	3.33%	0.255%
51	16.262	2235	2240	2250	rVV2	35475	79400	3.13%	0.240%
52	16.357	2252	2256	2262	rVV	21552	37937	1.49%	0.115%
53	16.539	2281	2287	2298	rVB3	30529	74293	2.92%	0.224%
54	16.651	2298	2306	2310	rBV5	11619	24256	0.95%	0.073%
55	16.721	2310	2318	2326	rVB	110454	174781	6.88%	0.528%
56	16.833	2330	2337	2341	rBV3	33391	55918	2.20%	0.169%
57	16.904	2341	2349	2352	rVV	1044188	1449018	57.04%	4.376%
58	16.945	2352	2356	2361	rVV	1067582	1475836	58.09%	4.457%
59	17.004	2361	2366	2370	rVV	1013895	1479177	58.23%	4.467%
60	17.033	2370	2371	2379	rVV	138410	146030	5.75%	0.441%
61	17.109	2379	2384	2390	rVV3	28638	53803	2.12%	0.162%
62	17.315	2416	2419	2425	rVB	35173	49053	1.93%	0.148%
63	17.427	2431	2438	2445	rBV7	20354	50937	2.01%	0.154%
64	17.621	2467	2471	2476	rBV3	15157	25132	0.99%	0.076%
65	17.780	2495	2498	2501	rVB	30164	34633	1.36%	0.105%
66	17.827	2501	2506	2514	rVB2	112662	171230	6.74%	0.517%
67	17.909	2516	2520	2525	rVB	24793	33395	1.31%	0.101%
68	17.974	2525	2531	2535	rBV	119017	182382	7.18%	0.551%
69	18.092	2544	2551	2555	rBV2	47527	101474	3.99%	0.306%
70	18.133	2555	2558	2563	rVV	61646	91829	3.61%	0.277%
71	18.180	2563	2566	2570	rVV4	26042	43505	1.71%	0.131%
72	18.227	2570	2574	2581	rVV2	64587	121939	4.80%	0.368%
73	18.292	2581	2585	2589	rVV2	39351	58212	2.29%	0.176%
74	18.333	2589	2592	2596	rVV2	45767	65542	2.58%	0.198%
75	18.380	2596	2600	2608	rVB2	13755	32095	1.26%	0.097%
76	18.509	2617	2622	2625	rBV5	15592	29116	1.15%	0.088%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083021\
Data File : BM031977.D
Acq On : 31 Aug 2021 09:27
Operator : CG/JU
Sample : M3448-03DL 2X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBKD5DL

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

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

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.M
Title : SVOA CALIBRATION

77	18.627	2637	2642	2646	rBV	19542	25328	1.00%	0.076%
78	18.939	2689	2695	2696	rBV4	19592	31294	1.23%	0.095%
79	18.968	2696	2700	2707	rVB	241825	326824	12.87%	0.987%
80	19.033	2707	2711	2715	rBV2	56080	80436	3.17%	0.243%
81	19.192	2733	2738	2744	rBV9	20780	46411	1.83%	0.140%
82	19.309	2751	2758	2766	rBV	1341884	1990860	78.37%	6.012%
83	19.368	2766	2768	2779	rVB7	24037	45412	1.79%	0.137%
84	19.727	2824	2829	2837	rBV2	171668	284091	11.18%	0.858%
85	19.797	2837	2841	2846	rVV	81095	111823	4.40%	0.338%
86	19.903	2855	2859	2864	rBV	104112	150773	5.94%	0.455%
87	20.409	2942	2945	2948	rBV2	44629	65996	2.60%	0.199%
88	20.450	2948	2952	2959	rVB2	196278	308383	12.14%	0.931%
89	20.768	3003	3006	3009	rBV3	34347	46880	1.85%	0.142%
90	20.844	3016	3019	3025	rBV5	48106	67725	2.67%	0.205%
91	21.109	3059	3064	3070	rBV	1505064	1873565	73.75%	5.658%
92	21.586	3142	3145	3151	rBV	76919	105300	4.15%	0.318%
93	22.144	3237	3240	3244	rVB2	92702	113991	4.49%	0.344%
94	22.621	3317	3321	3325	rBV	178478	224485	8.84%	0.678%
95	23.115	3399	3405	3409	rBV2	1015219	1732560	68.20%	5.232%
96	23.250	3422	3428	3437	rVB2	959644	1687069	66.41%	5.095%
97	23.756	3509	3514	3521	rVB	295418	517917	20.39%	1.564%
98	24.444	3626	3631	3640	rVB	293792	587957	23.14%	1.776%
99	25.250	3763	3768	3779	rVB	212436	487941	19.21%	1.473%
100	26.191	3923	3928	3937	rVB	156876	401082	15.79%	1.211%

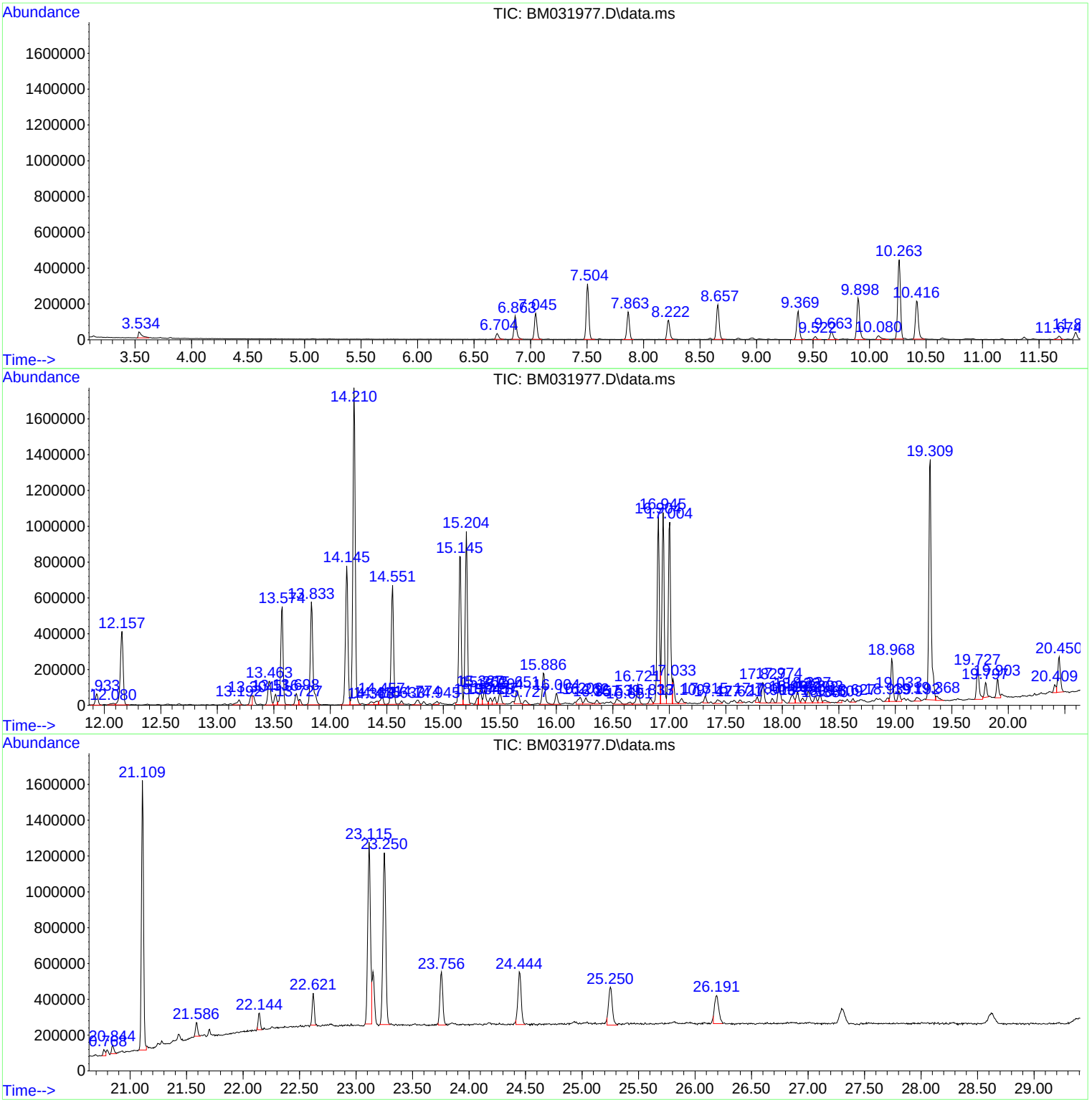
Sum of corrected areas: 33114537

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083021\
Data File : BM031977.D
Acq On : 31 Aug 2021 09:27
Operator : CG/JU
Sample : M3448-03DL 2X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBKD5DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083021\
Data File : BM031977.D
Acq On : 31 Aug 2021 09:27
Operator : CG/JU
Sample : M3448-03DL 2X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBKD5DL

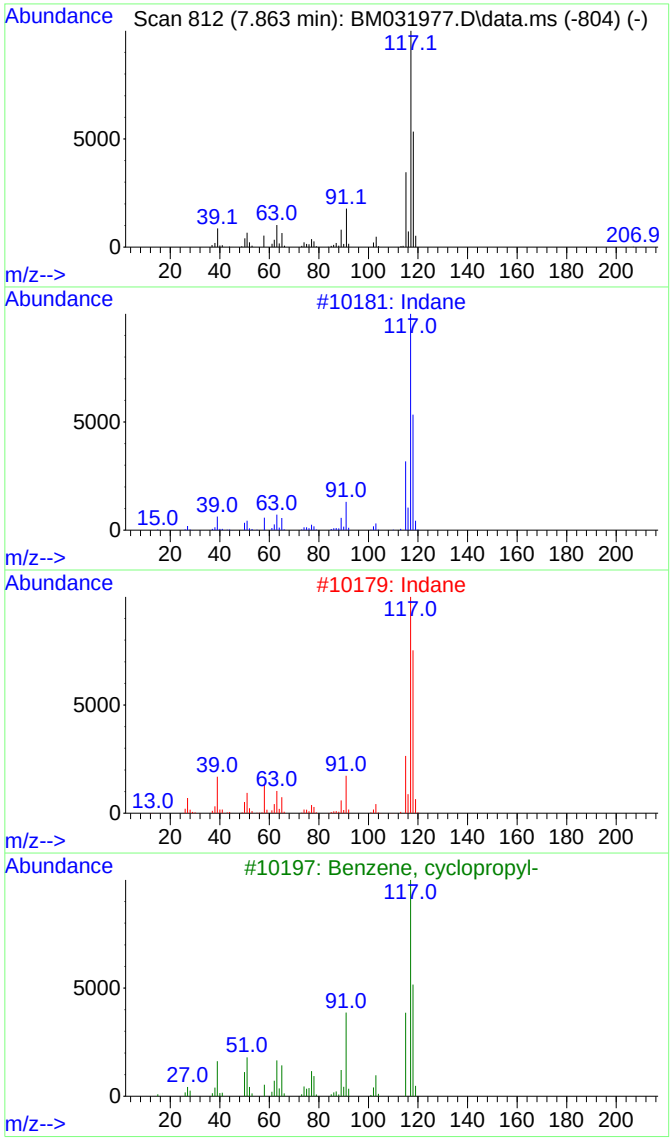
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.M
Quant Title : SVOA CALIBRATION

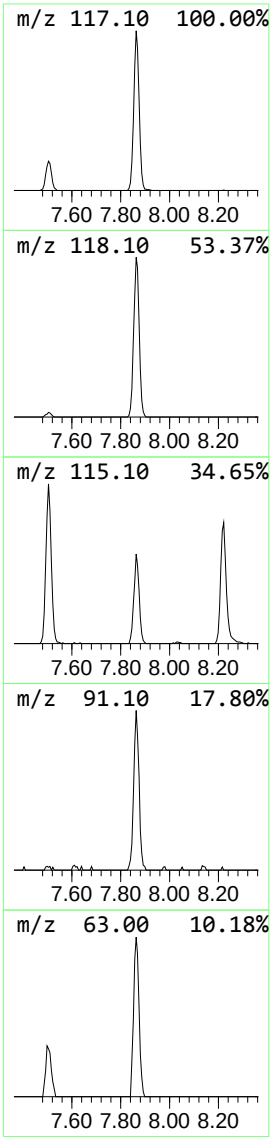
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.863	9.92 ng/ul	238677	1,4-Dichlorobenzene-d4	7.504

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	94
2	Indane	118	C9H10	000496-11-7	93
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	81
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	81
5	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083021\
Data File : BM031977.D
Acq On : 31 Aug 2021 09:27
Operator : CG/JU
Sample : M3448-03DL 2X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBKD5DL

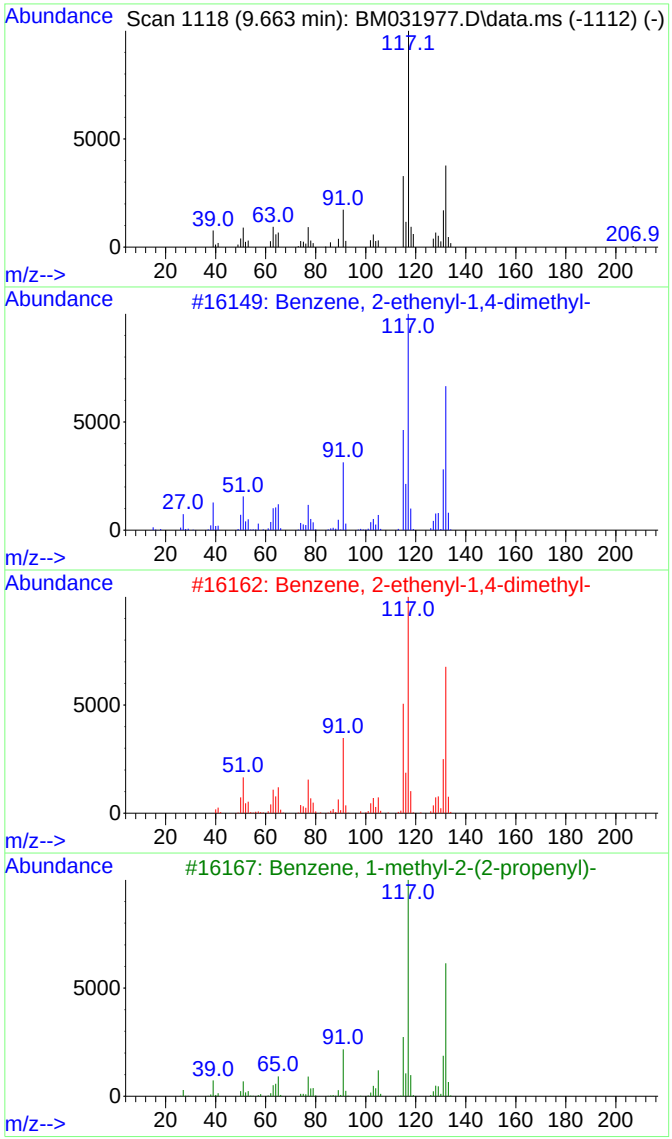
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.M
Quant Title : SVOA CALIBRATION

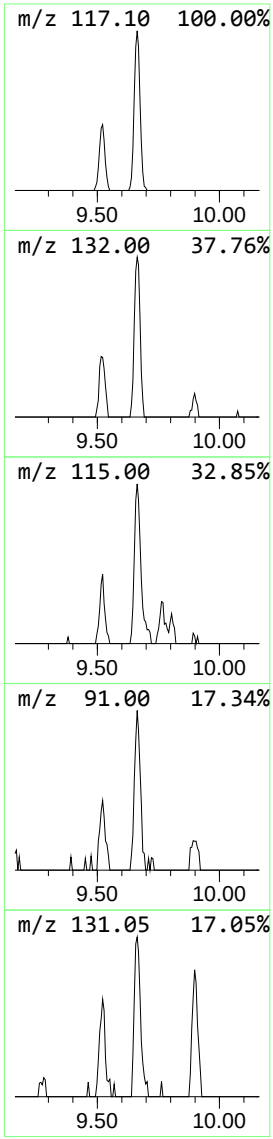
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.663	2.24 ng/ul	81383	Naphthalene-d8	10.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
3	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	94
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	93
5	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083021\
Data File : BM031977.D
Acq On : 31 Aug 2021 09:27
Operator : CG/JU
Sample : M3448-03DL 2X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBKD5DL

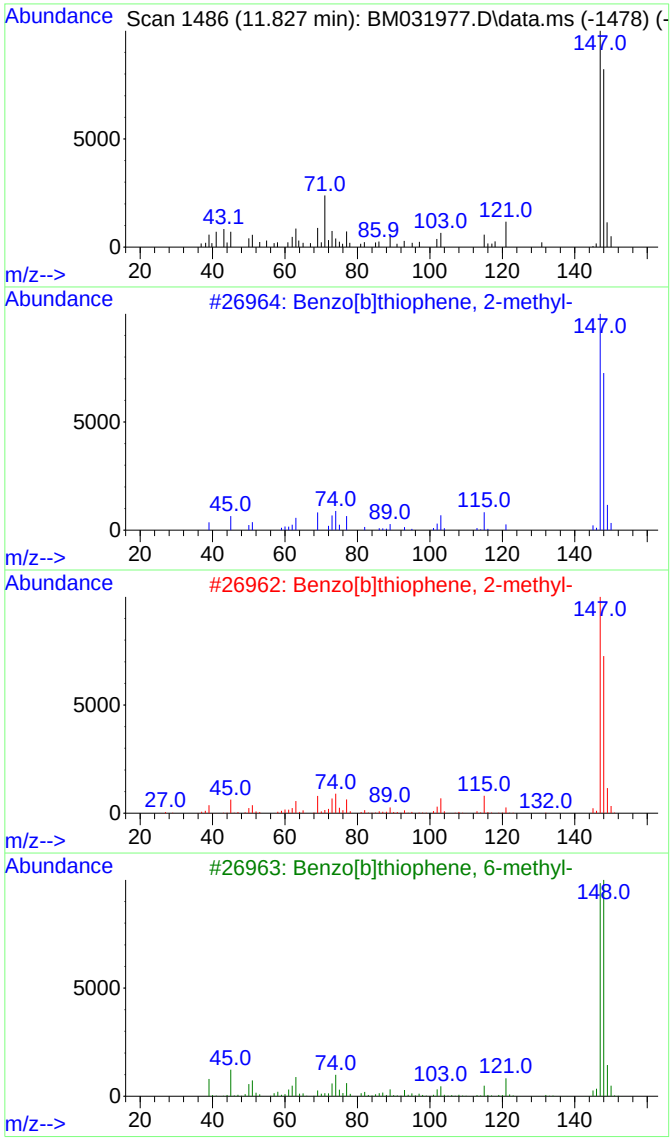
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.M
Quant Title : SVOA CALIBRATION

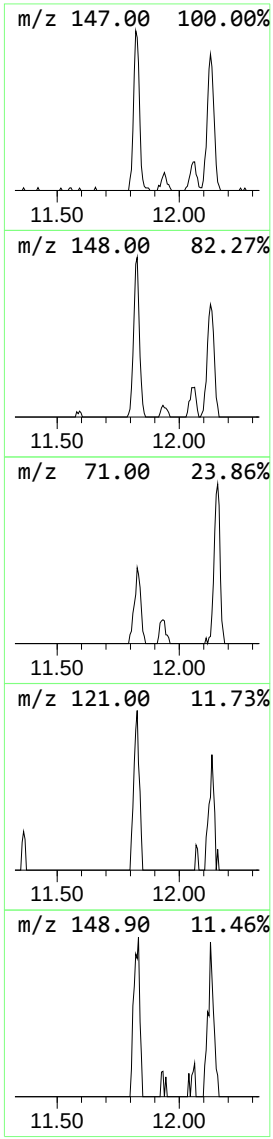
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzo[b]thiophene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.827	2.05 ng/ul	74298	Naphthalene-d8	10.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	87
2	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	87
3	Benzo[b]thiophene, 6-methyl-	148	C9H8S	016587-47-6	87
4	3-Methylbenzothiophene	148	C9H8S	001455-18-1	83
5	Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083021\
Data File : BM031977.D
Acq On : 31 Aug 2021 09:27
Operator : CG/JU
Sample : M3448-03DL 2X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBKD5DL

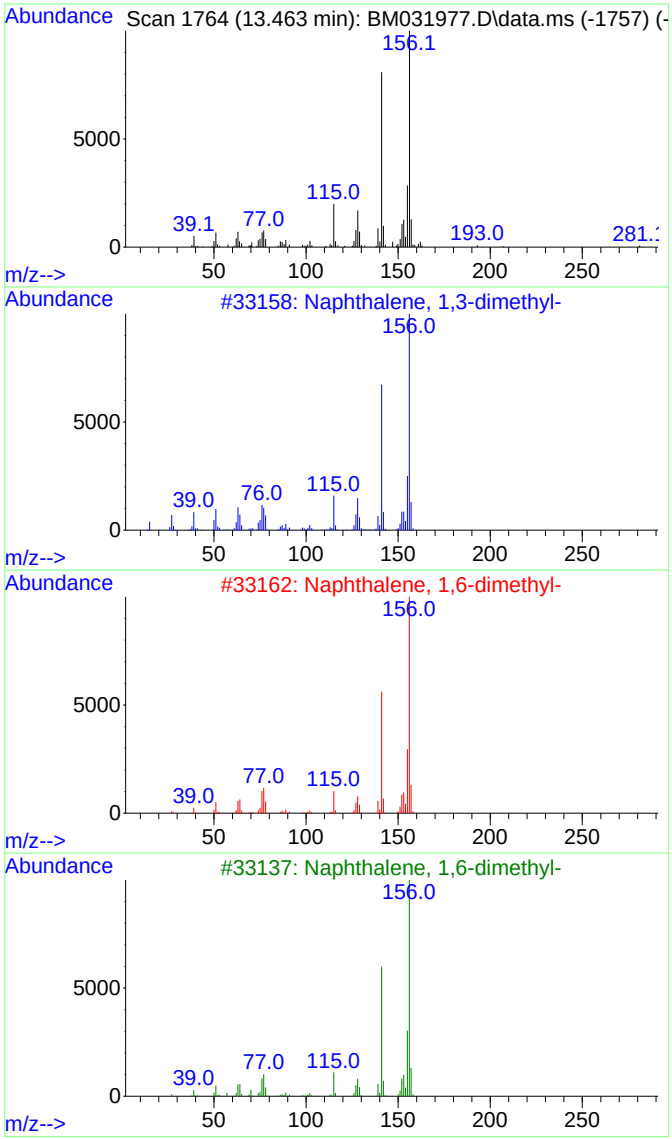
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.M
Quant Title : SVOA CALIBRATION

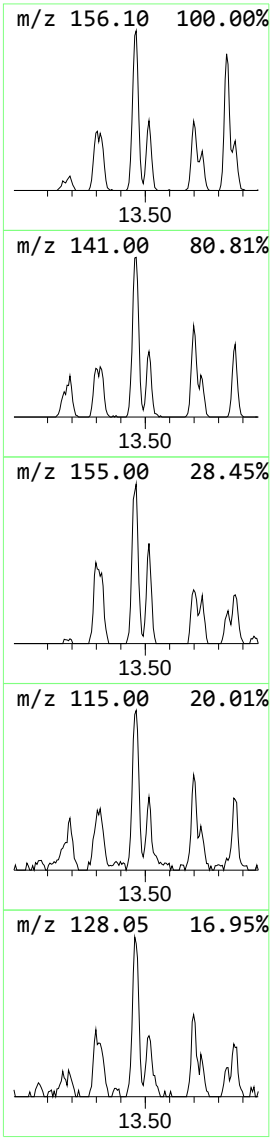
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Naphthalene, 1,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.463	4.13 ng/ul	241711	Acenaphthene-d10	14.145

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083021\
Data File : BM031977.D
Acq On : 31 Aug 2021 09:27
Operator : CG/JU
Sample : M3448-03DL 2X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBKD5DL

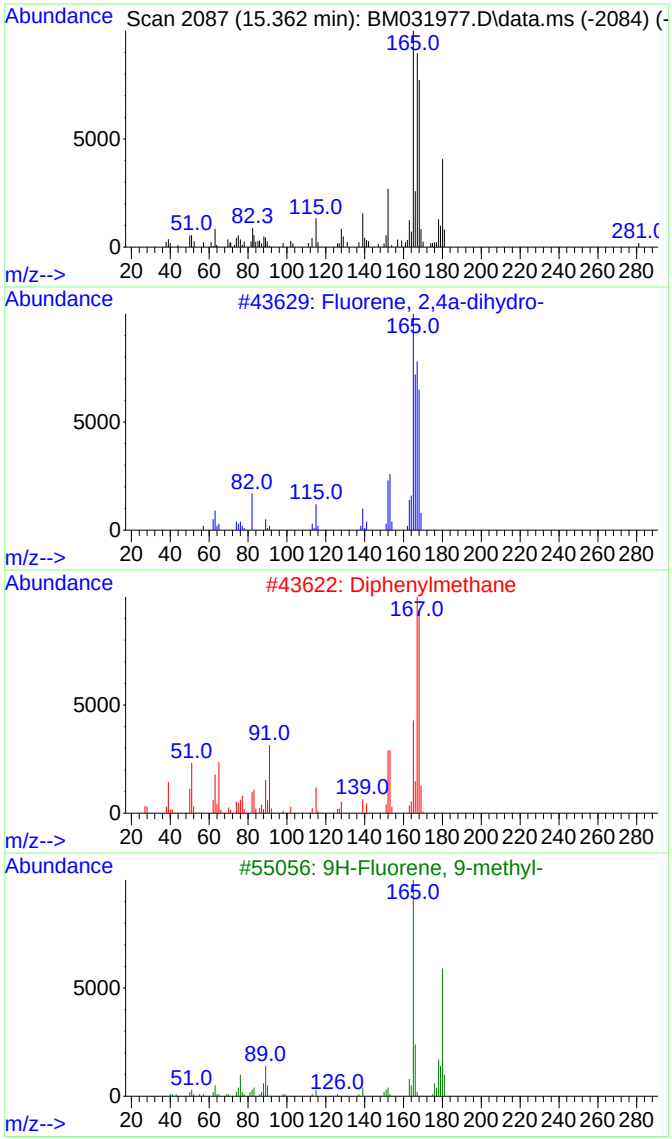
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.M
Quant Title : SVOA CALIBRATION

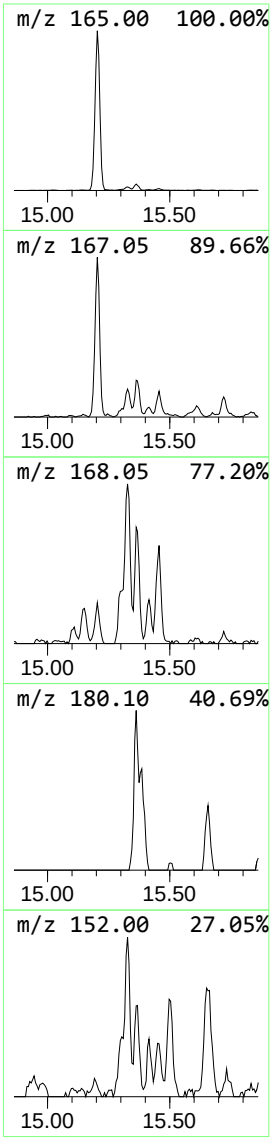
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Fluorene, 2,4a-dihydro- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.363	2.18 ng/ul	127396	Acenaphthene-d10	14.145

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluorene, 2,4a-dihydro-	168	C13H12	059247-36-8	50
2	Diphenylmethane	168	C13H12	000101-81-5	46
3	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	46
4	Fluorene, 1,4-dihydro-	168	C13H12	041593-21-9	43
5	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	38





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Data File : BM031977.D
Acq On : 31 Aug 2021 09:27
Operator : CG/JU
Sample : M3448-03DL 2X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBKD5DL

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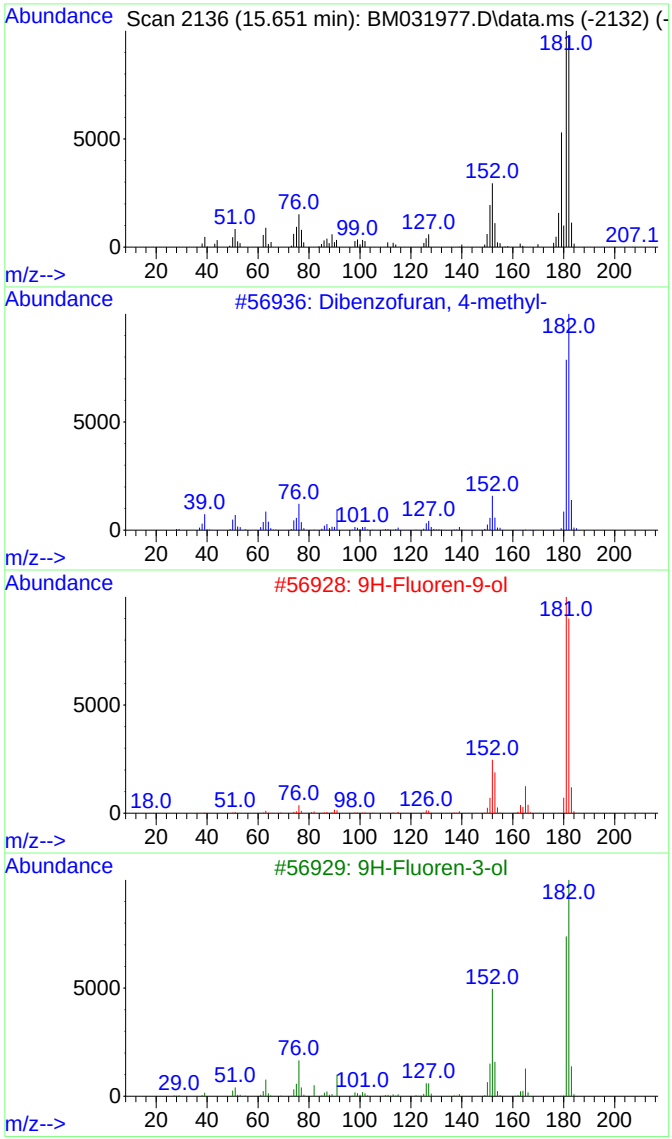
Quant Title : SVOA CALIBRATION

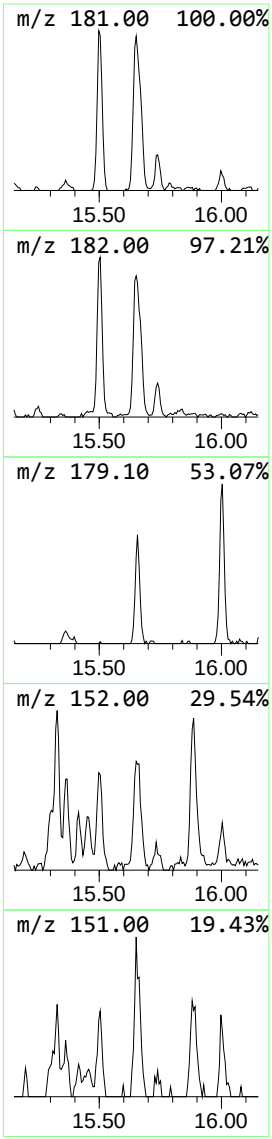
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Dibenzofuran, 4-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.651	2.04 ng/ul	147891	Phenanthrene-d10	16.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	60
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	58
3	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	58
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	52
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	52





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Operator : CG/JU
Sample : M3448-03DL 2X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Title : SVOA CALIBRATION

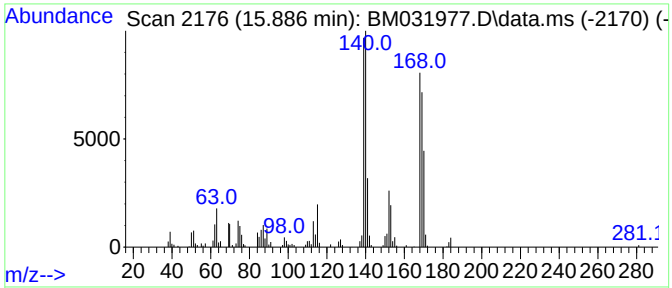
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

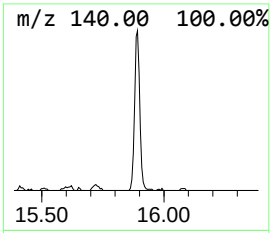
****

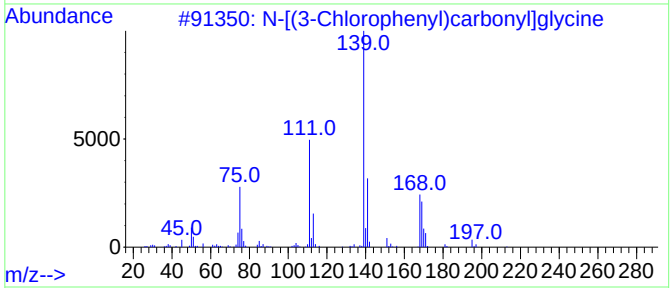
Peak Number 7 unknown-01 Concentration Rank 7

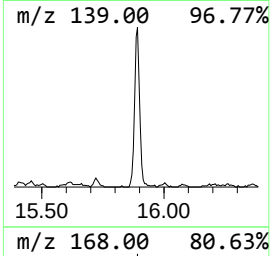
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.886	4.10 ng/ul	297137	Phenanthrene-d10	16.904

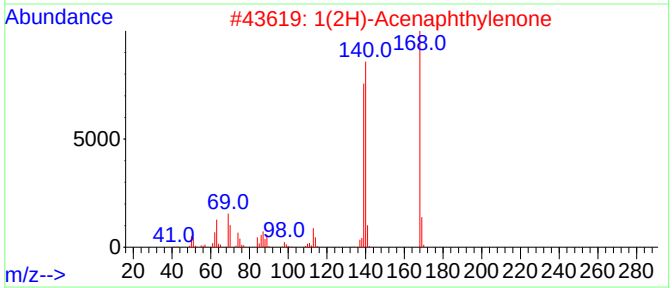
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-[(3-Chlorophenyl)carbonyl]glycine	213	C9H8ClNO3	057728-59-3	43
2	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	42
3	Cyclobuta[de]naphthalene	140	C11H8	024973-91-9	38
4	1-Acenaphthenol	170	C12H10O	006306-07-6	38
5	7(4H)-Benzothiazolone, 2-amino-5...	168	C7H8N2OS	017583-10-7	27

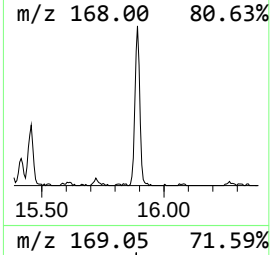


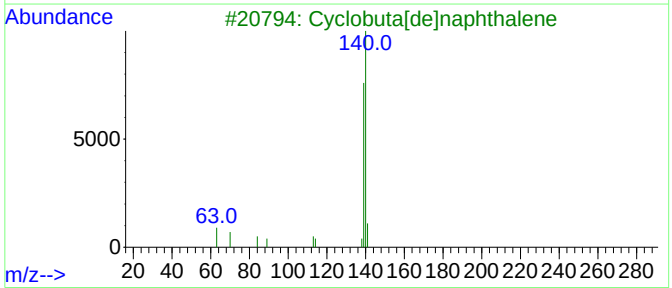


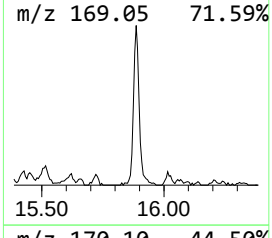


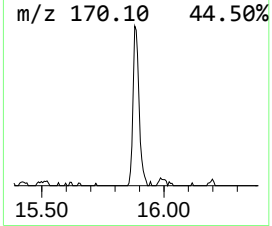












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Data File : BM031977.D
Acq On : 31 Aug 2021 09:27
Operator : CG/JU
Sample : M3448-03DL 2X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBKD5DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.M
Quant Title : SVOA CALIBRATION

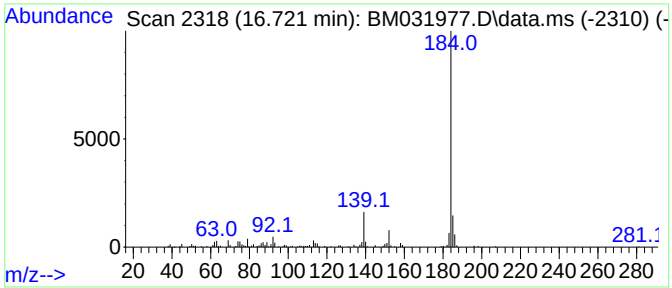
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

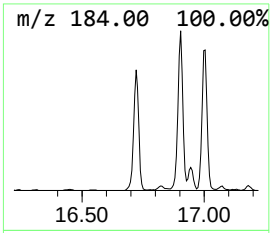
****

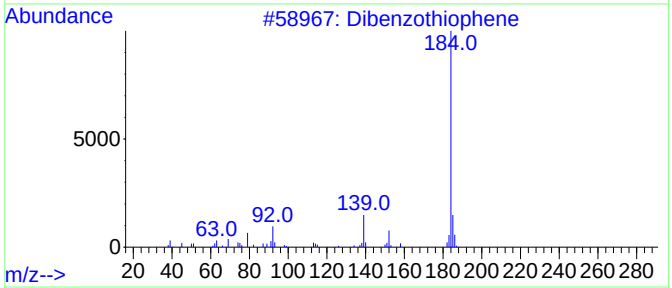
Peak Number 8 Dibenzothiophene Concentration Rank 12

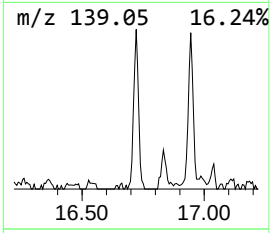
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.721	2.41 ng/ul	174781	Phenanthrene-d10	16.904

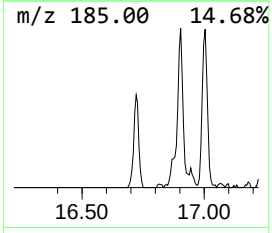
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	93
2	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
3	Dibenzothiophene	184	C12H8S	000132-65-0	91
4	Dibenzothiophene	184	C12H8S	000132-65-0	91
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90

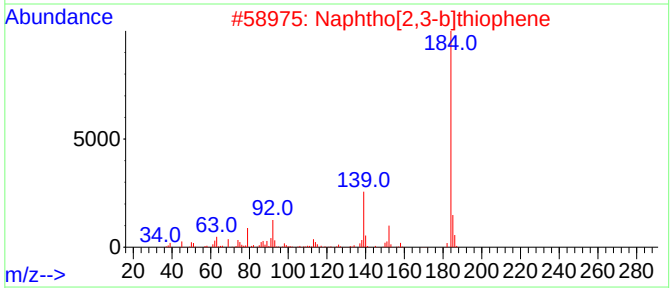


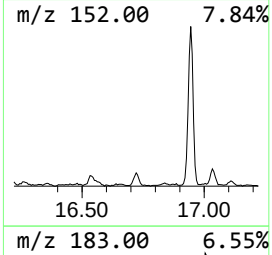


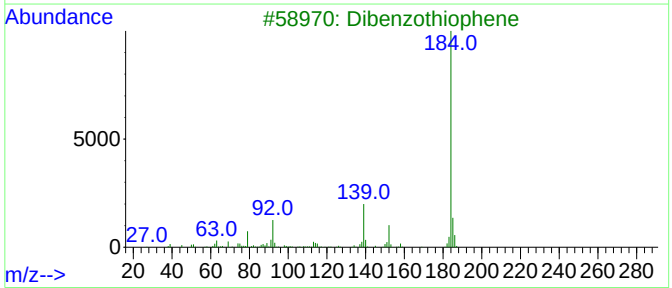


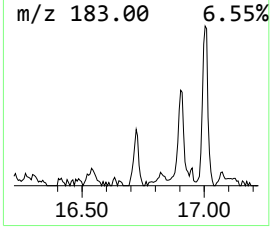












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Data File : BM031977.D
Acq On : 31 Aug 2021 09:27
Operator : CG/JU
Sample : M3448-03DL 2X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBKD5DL

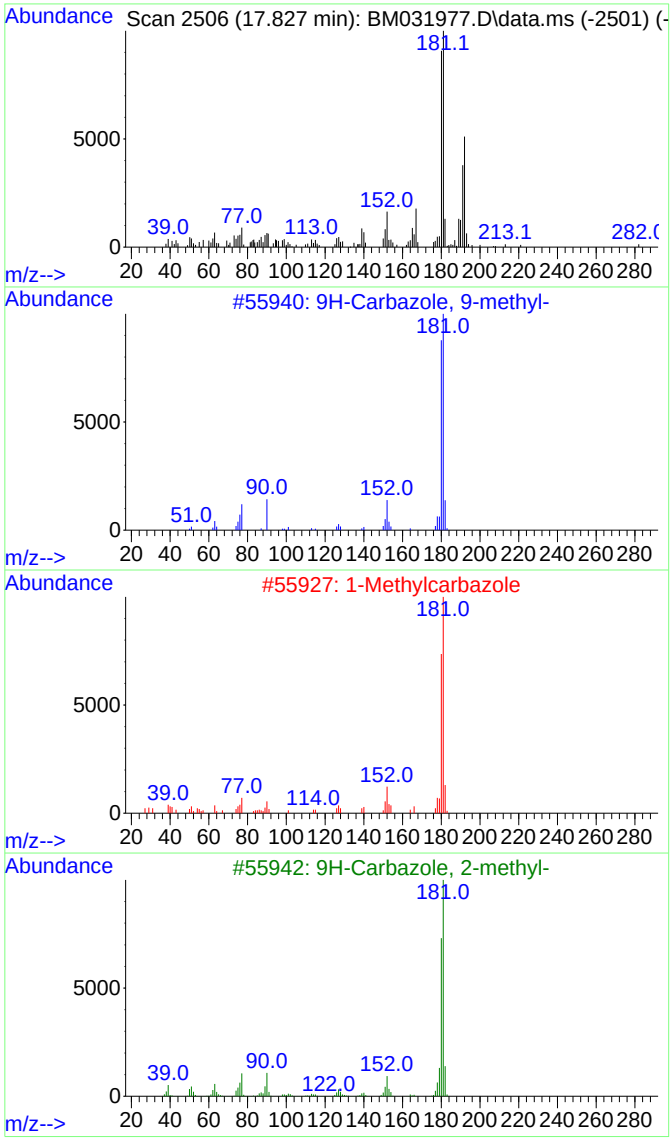
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.M
Quant Title : SVOA CALIBRATION

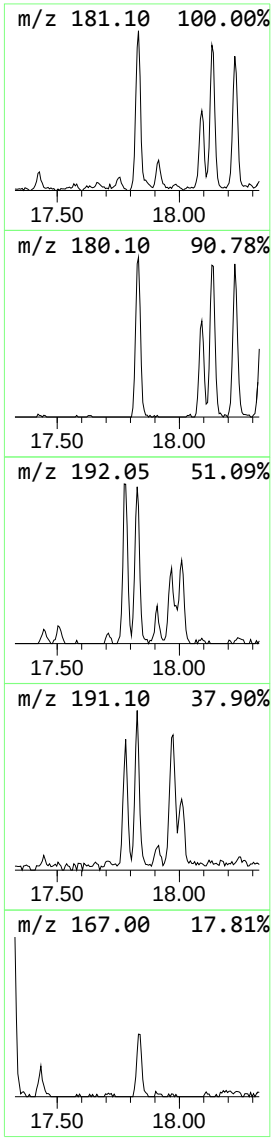
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 9H-Carbazole, 9-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.827	2.36 ng/ul	171230	Phenanthrene-d10	16.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Carbazole, 9-methyl-	181	C13H11N	001484-12-4	91
2	1-Methylcarbazole	181	C13H11N	006510-65-2	83
3	9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	64
4	Pyridine, 4-(2-phenylethenyl)-	181	C13H11N	000103-31-1	64
5	3-Methylcarbazole	181	C13H11N	004630-20-0	58





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Operator : CG/JU
Sample : M3448-03DL 2X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBKD5DL

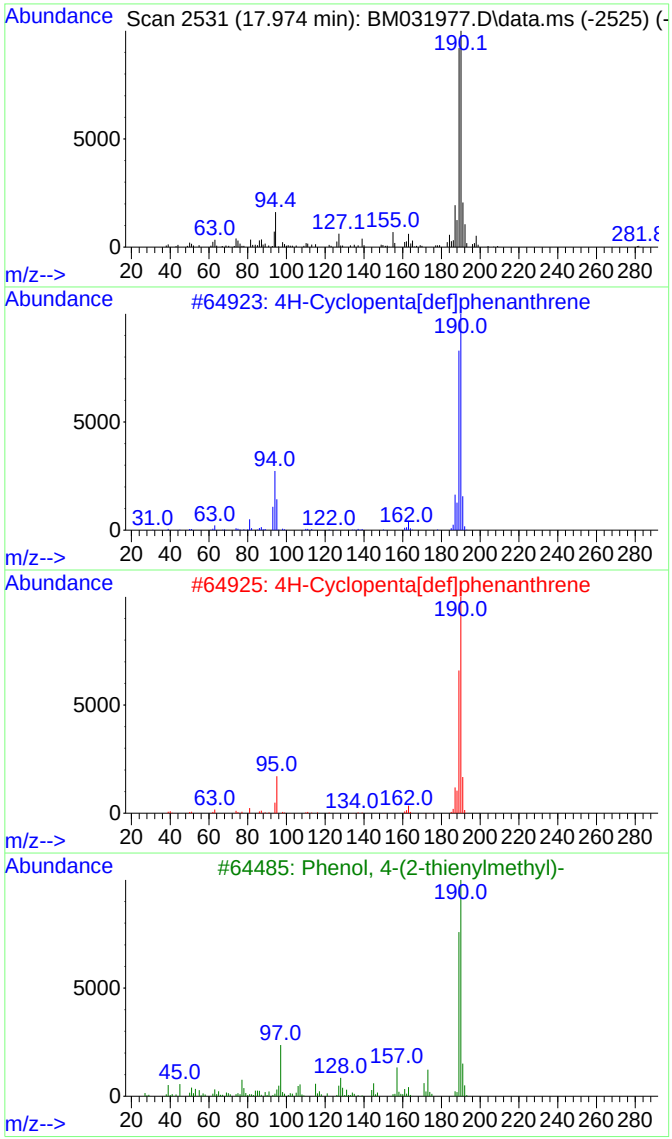
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.M
Quant Title : SVOA CALIBRATION

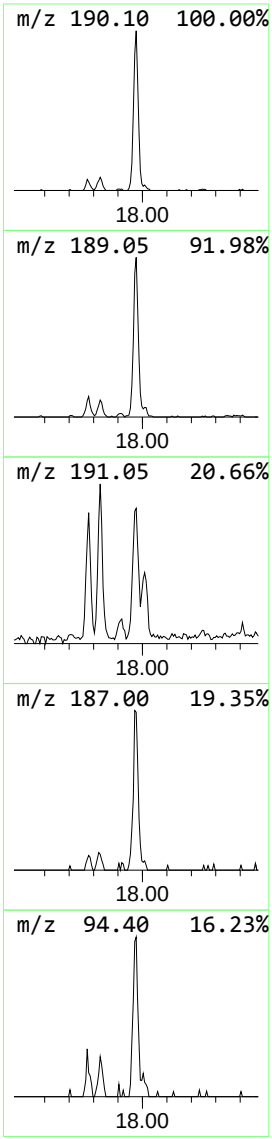
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.974	2.52 ng/ul	182382	Phenanthrene-d10	16.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	90
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	74
3	Phenol, 4-(2-thienylmethyl)-	190	C11H10OS	091680-55-6	64
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
5	2-Propynyl 1H-purin-6-yl sulfide	190	C8H6N4S	1000486-13-9	59





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Sample : M3448-03DL 2X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBKD5DL

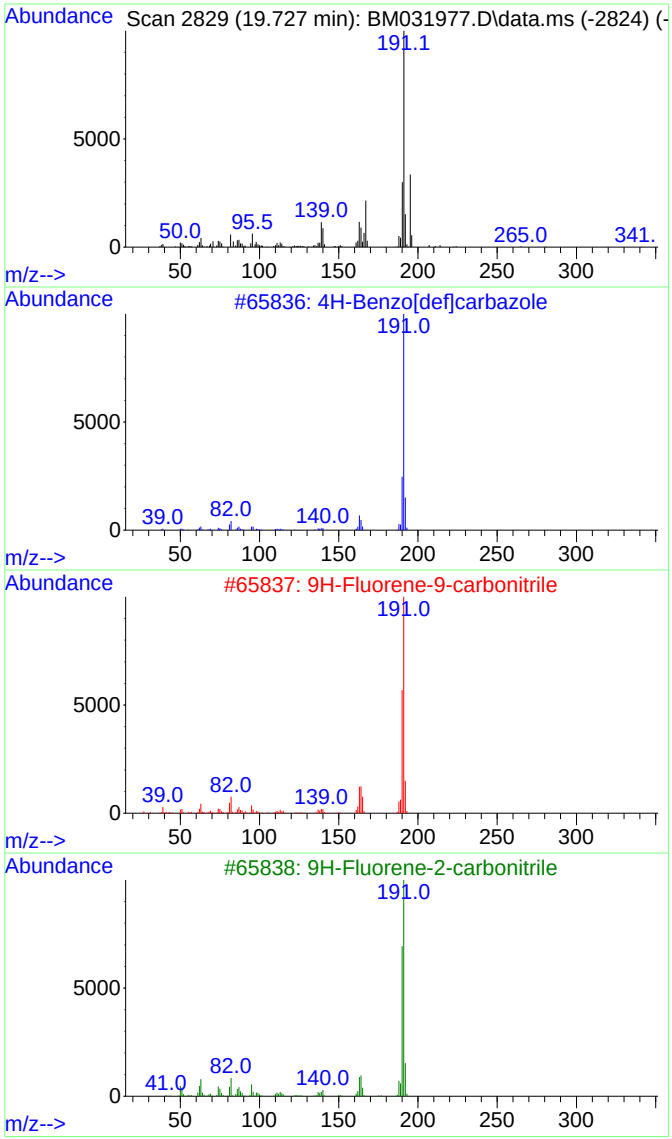
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.M
Quant Title : SVOA CALIBRATION

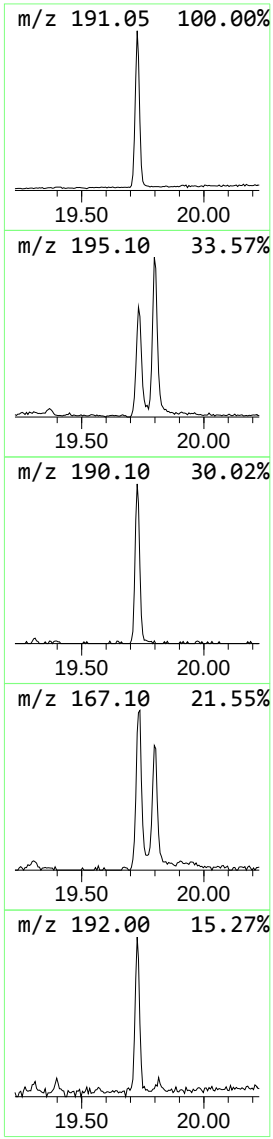
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 4H-Benzo[def]carbazole Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.727	3.03 ng/ul	284091	Chrysene-d12	21.109

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Benzo[def]carbazole	191	C14H9N	000203-65-6	92
2	9H-Fluorene-9-carbonitrile	191	C14H9N	001529-40-4	49
3	9H-Fluorene-2-carbonitrile	191	C14H9N	002523-48-0	49
4	9H-Fluorene-9-carbonitrile	191	C14H9N	001529-40-4	47
5	9-(Chloromethyl)anthracene	226	C15H11Cl	024463-19-2	38





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Sample : M3448-03DL 2X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

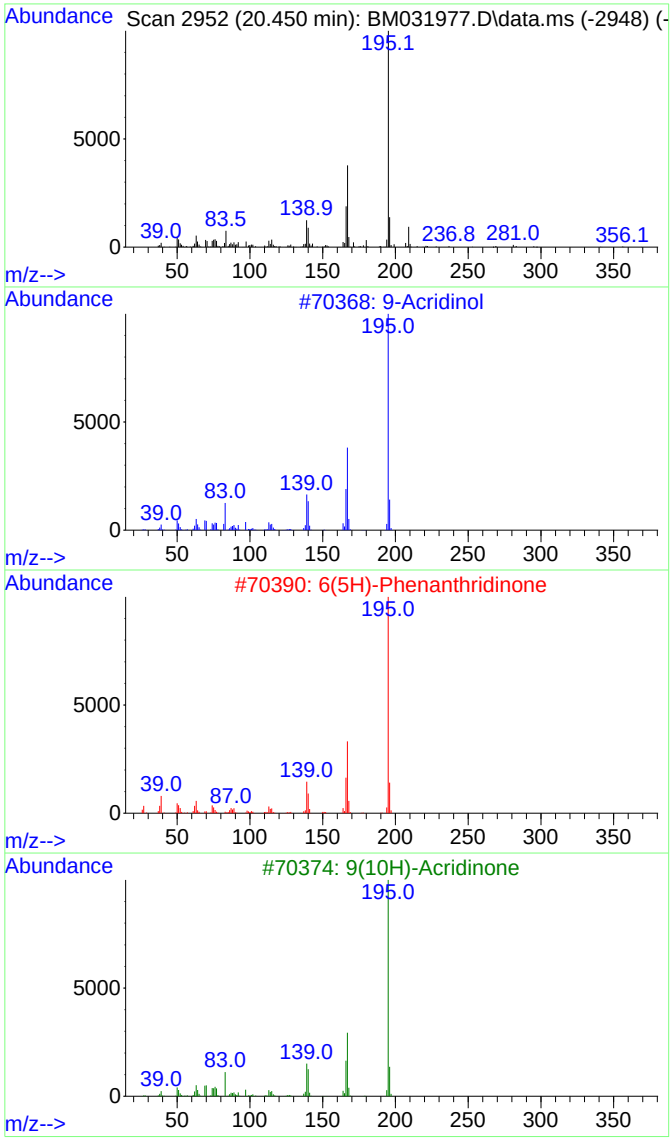
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

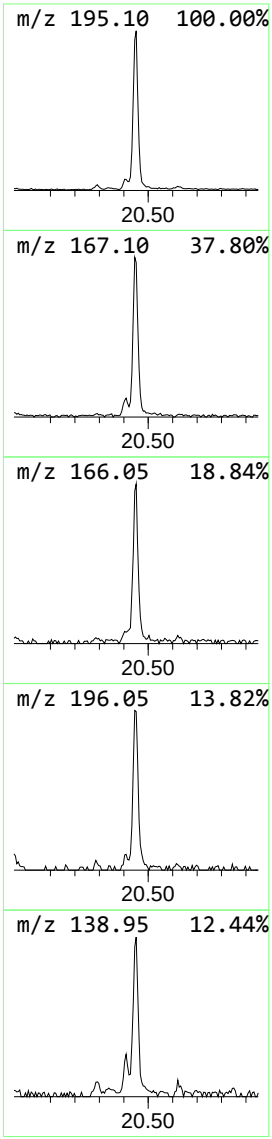
****

Peak Number 12 9-Acridinol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.450	3.29 ng/ul	308383	Chrysene-d12	21.109

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Acridinol	195	C13H9NO	000643-62-9	95
2	6(5H)-Phenanthridinone	195	C13H9NO	001015-89-0	94
3	9(10H)-Acridinone	195	C13H9NO	000578-95-0	94
4	9(10H)-Acridinone	195	C13H9NO	000578-95-0	94
5	9(10H)-Acridinone	195	C13H9NO	000578-95-0	93





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Sample : M3448-03DL 2X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBKD5DL

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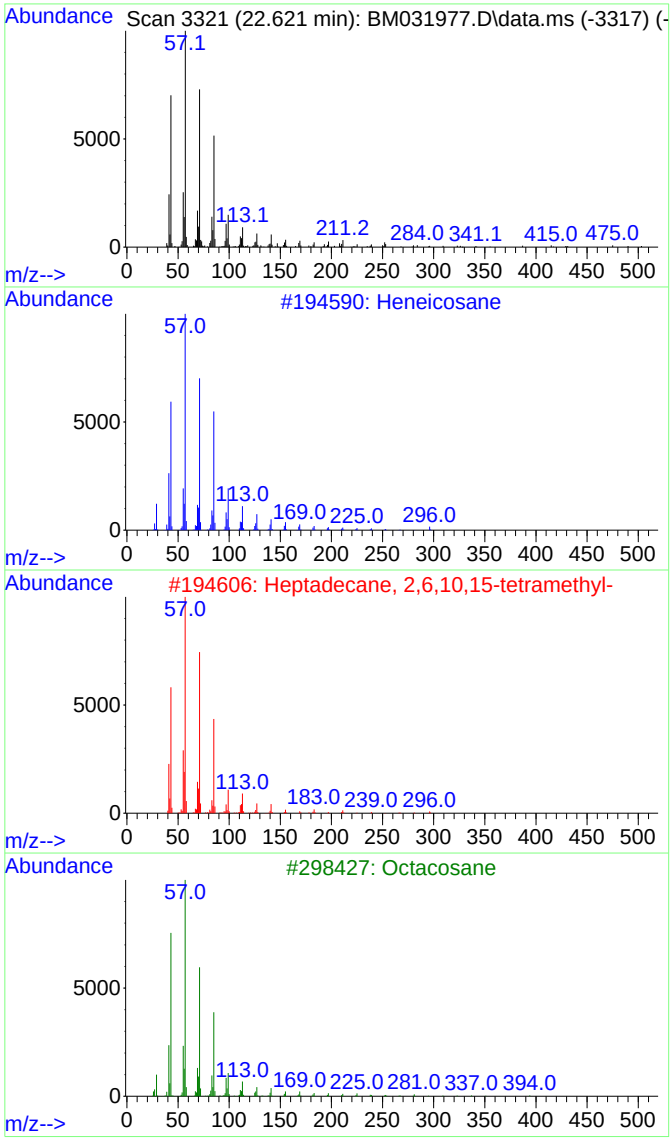
Quant Title : SVOA CALIBRATION

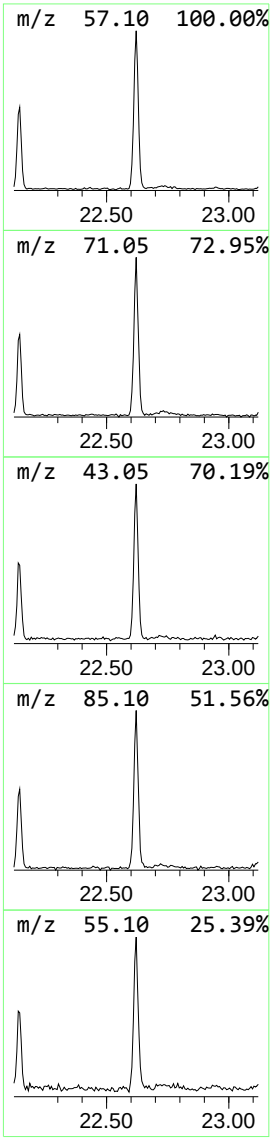
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.621	2.66 ng/ul	224485	Perylene-d12	23.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	97
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	95
3	Octacosane	394	C28H58	000630-02-4	90
4	Octacosane, 2-methyl-	408	C29H60	001560-98-1	90
5	Hexacosane	366	C26H54	000630-01-3	90





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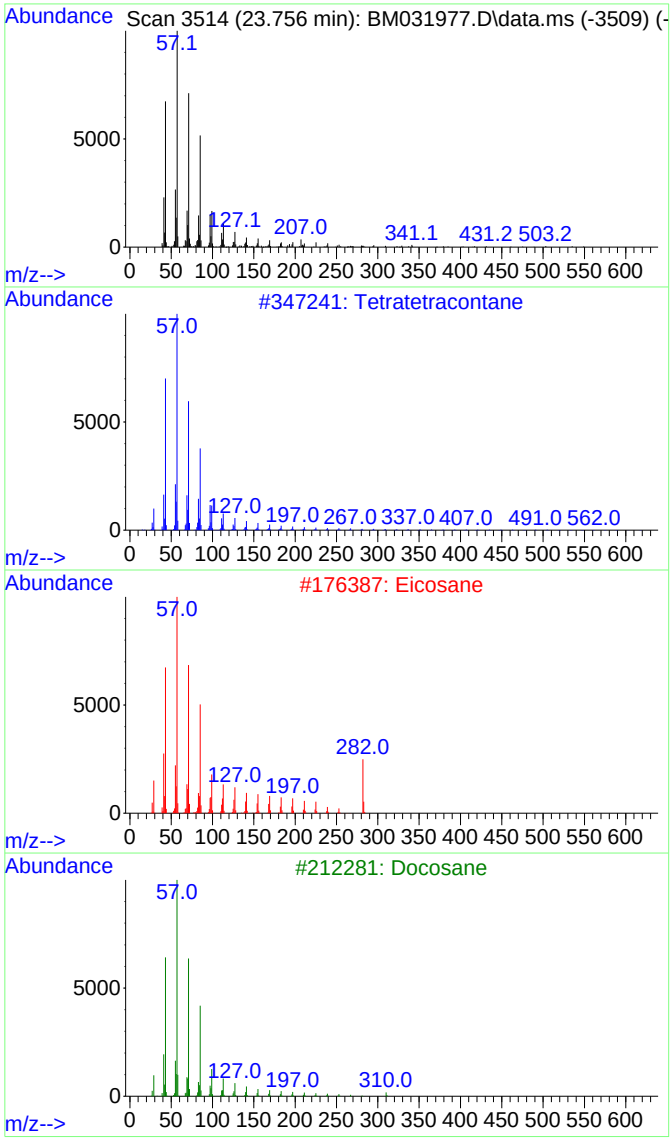
Quant Title : SVOA CALIBRATION

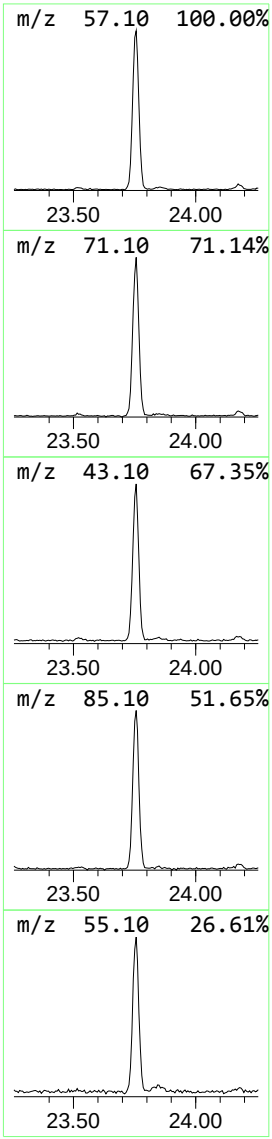
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.756	6.14 ng/ul	517917	Perylene-d12	23.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	93
2	Eicosane	282	C20H42	000112-95-8	91
3	Docosane	310	C22H46	000629-97-0	90
4	Heptacosane	380	C27H56	000593-49-7	90
5	Hexacosane	366	C26H54	000630-01-3	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083021\
Data File : BM031977.D
Acq On : 31 Aug 2021 09:27
Operator : CG/JU
Sample : M3448-03DL 2X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBKD5DL

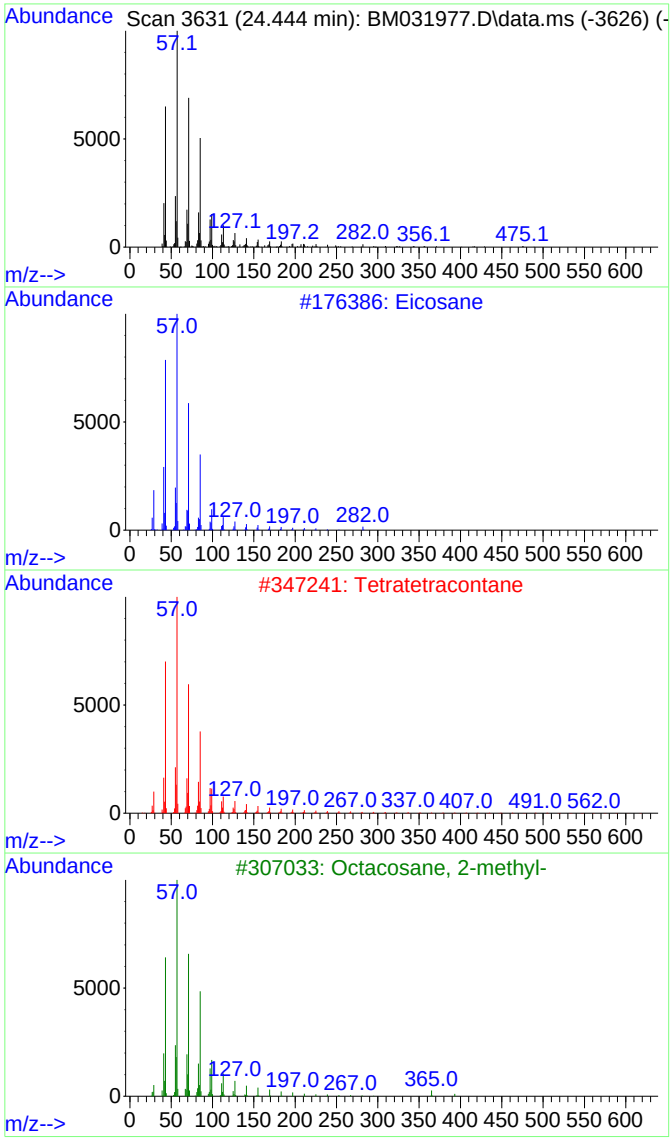
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.M
Quant Title : SVOA CALIBRATION

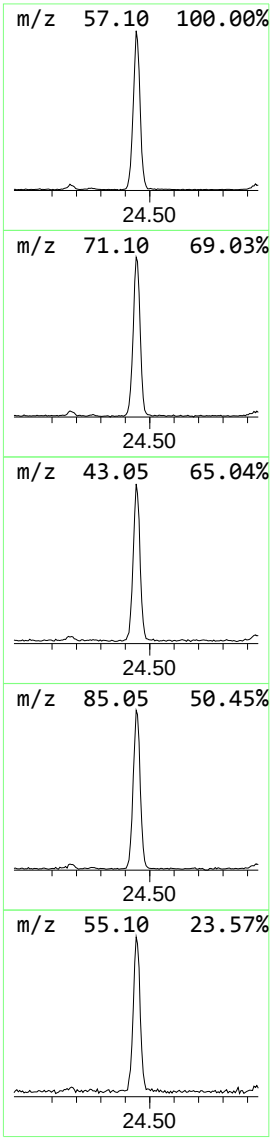
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.444	6.97 ng/ul	587957	Perylene-d12	23.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Tetratetracontane	619	C44H90	007098-22-8	90
3	Octacosane, 2-methyl-	408	C29H60	001560-98-1	90
4	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	87
5	Docosane	310	C22H46	000629-97-0	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083021\
Data File : BM031977.D
Acq On : 31 Aug 2021 09:27
Operator : CG/JU
Sample : M3448-03DL 2X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBKD5DL

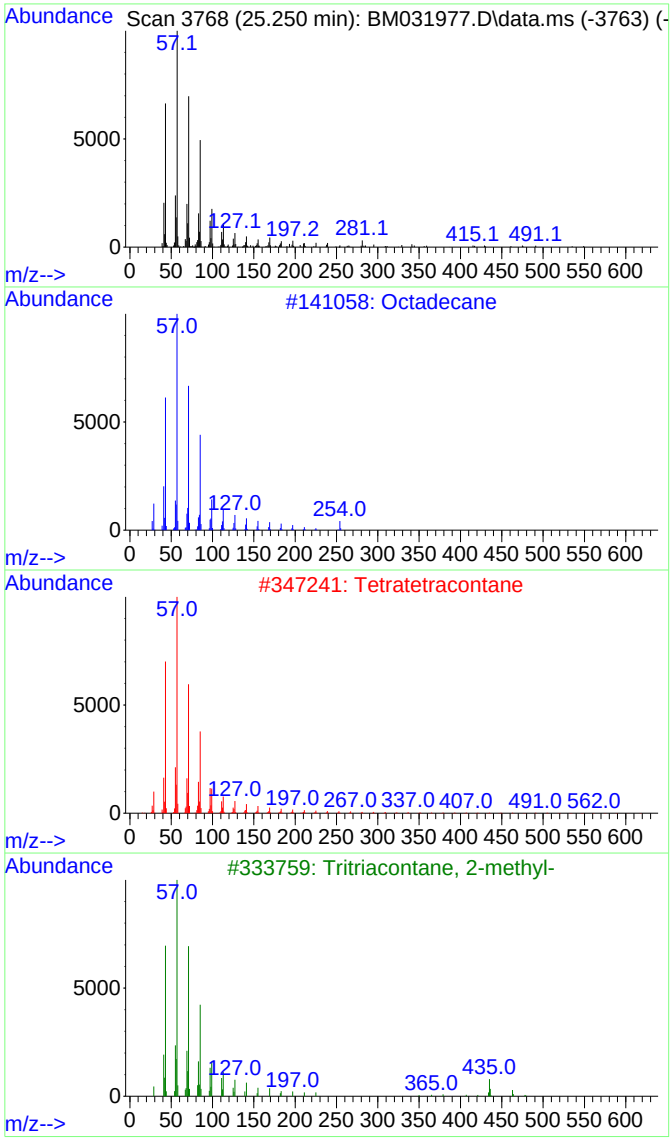
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.M
Quant Title : SVOA CALIBRATION

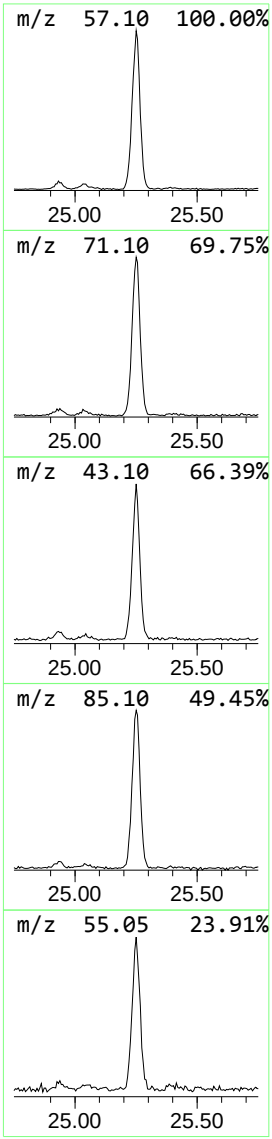
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.250	5.78 ng/ul	487941	Perylene-d12	23.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	93
2	Tetratetracontane	619	C44H90	007098-22-8	90
3	Tritriacontane, 2-methyl-	479	C34H70	066214-27-5	90
4	Triacontane	422	C30H62	000638-68-6	90
5	Hexacosane	366	C26H54	000630-01-3	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083021\
Data File : BM031977.D
Acq On : 31 Aug 2021 09:27
Operator : CG/JU
Sample : M3448-03DL 2X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBKD5DL

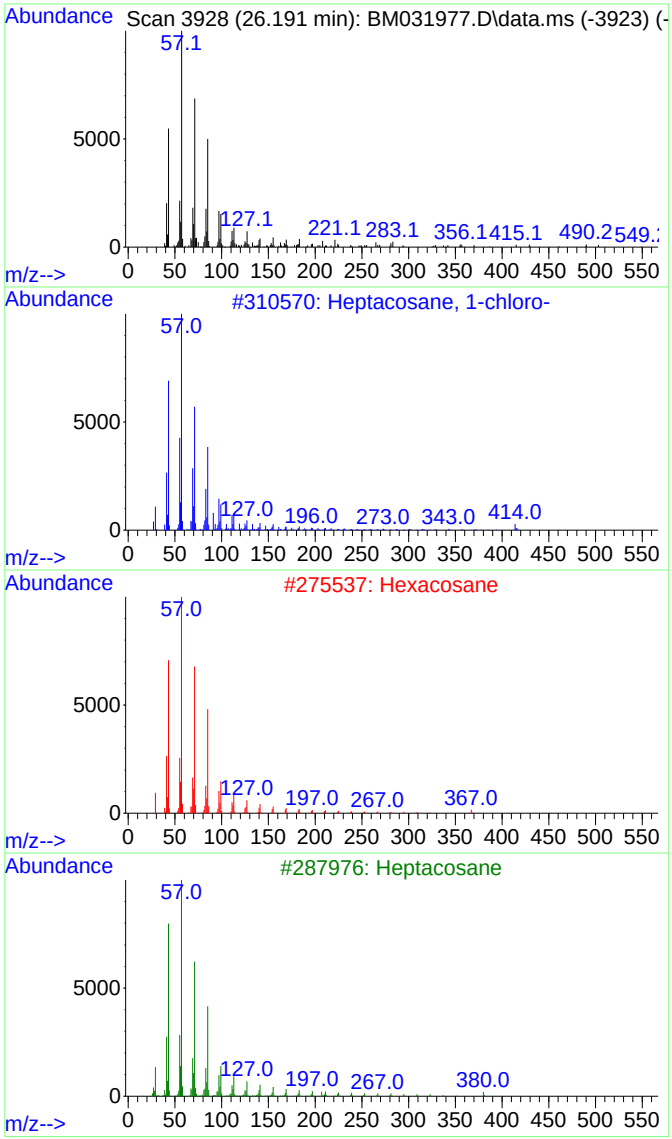
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.M
Quant Title : SVOA CALIBRATION

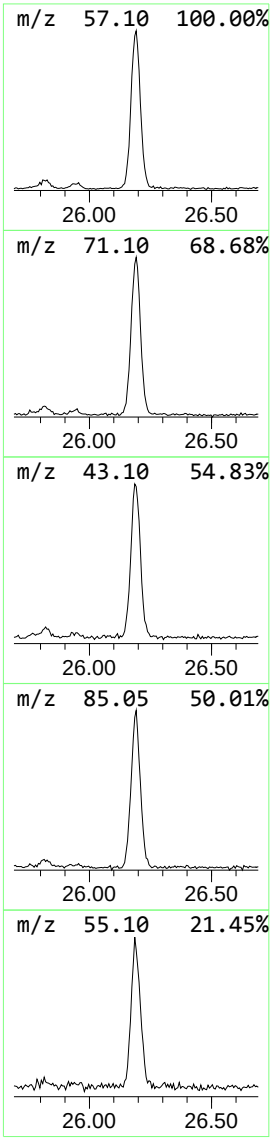
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Heptacosane, 1-chloro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.191	4.75 ng/ul	401082	Perylene-d12	23.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	90
2	Hexacosane	366	C26H54	000630-01-3	87
3	Heptacosane	380	C27H56	000593-49-7	87
4	Tetratetracontane	619	C44H90	007098-22-8	87
5	Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083021\
Data File : BM031977.D
Acq On : 31 Aug 2021 09:27
Operator : CG/JU
Sample : M3448-03DL 2X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBKD5DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.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
Indane	7.863	9.9	ng/ul	238677	1	7.504	481051	20.0
Benzene, 2-ethe...	9.663	2.2	ng/ul	81383	2	10.263	725102	20.0
Benzo[b]thiophe...	11.827	2.0	ng/ul	74298	2	10.263	725102	20.0
Naphthalene, 1,...	13.463	4.1	ng/ul	241711	3	14.145	1169600	20.0
Fluorene, 2,4a-...	15.363	2.2	ng/ul	127396	3	14.145	1169600	20.0
Dibenzofuran, 4...	15.651	2.0	ng/ul	147891	4	16.904	1449020	20.0
unknown-01	15.886	4.1	ng/ul	297137	4	16.904	1449020	20.0
Dibenzothiophene	16.721	2.4	ng/ul	174781	4	16.904	1449020	20.0
9H-Carbazole, 9...	17.827	2.4	ng/ul	171230	4	16.904	1449020	20.0
4H-Cyclopenta[d...	17.974	2.5	ng/ul	182382	4	16.904	1449020	20.0
4H-Benzo[def]ca...	19.727	3.0	ng/ul	284091	5	21.109	1873570	20.0
9-Acridinol	20.450	3.3	ng/ul	308383	5	21.109	1873570	20.0
(DEL) Alkane: S...	22.621	2.7	ng/ul	224485	6	23.250	1687070	20.0
(DEL) Alkane: S...	23.756	6.1	ng/ul	517917	6	23.250	1687070	20.0
(DEL) Alkane: S...	24.444	7.0	ng/ul	587957	6	23.250	1687070	20.0
(DEL) Alkane: S...	25.250	5.8	ng/ul	487941	6	23.250	1687070	20.0
Heptacosane, 1-...	26.191	4.8	ng/ul	401082	6	23.250	1687070	20.0