LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062623\
Data File : BP015733.D
Acq On : 27 Jun 2023 02:54
Operator : MA/JU
Sample : 03085-19
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DCFQ8

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-BP062623.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP015734.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.387	32	34	38	rVB3	11184	11955	0.34%	0.036%
2	3.846	107	112	121	rBV2	57783	105969	2.99%	0.316%
3	3.934	123	127	133	rVB	51183	67074	1.89%	0.200%
4	4.052	143	147	155	rVB	20186	33194	0.94%	0.099%
5	4.157	162	165	171	rVB	11298	17769	0.50%	0.053%
6	4.393	201	205	211	rVB	75818	96013	2.71%	0.286%
7	4.734	260	263	269	rBV8	7529	10547	0.30%	0.031%
8	4.822	271	278	284	rBV	27756	43643	1.23%	0.130%
9	5.104	324	326	331	rVB4	4220	5622	0.16%	0.017%
10	5.228	340	347	359	rVB8	8010	22053	0.62%	0.066%
11	6.028	481	483	490	rVB8	2934	5196	0.15%	0.015%
12	6.916	628	634	636	rBV7	4259	6747	0.19%	0.020%
13	7.246	683	690	707	rBV2	54439	185255	5.22%	0.552%
14	7.393	709	715	730	rVB	65287	130151	3.67%	0.388%
15	7.598	743	750	757	rBV	93235	180685	5.09%	0.538%
16	8.063	822	829	844	rBV	516840	960399	27.07%	2.861%
17	8.810	947	956	969	rBV3	37685	128447	3.62%	0.383%
18	8.922	969	975	984	rVB	50824	111787	3.15%	0.333%
19	9.263	1026	1033	1049	rBV	67987	166860	4.70%	0.497%
20	9.604	1086	1091	1095	rVB8	2975	6273	0.18%	0.019%
21	9.992	1149	1157	1171	rBV3	41992	141226	3.98%	0.421%
22	10.381	1219	1223	1225	rBV5	3838	5210	0.15%	0.016%
23	10.581	1249	1257	1273	rBV4	43574	170356	4.80%	0.508%
24	10.892	1301	1310	1332	rVV	570955	1272932	35.88%	3.792%
25	11.104	1338	1346	1354	rBV2	26191	81473	2.30%	0.243%
26	12.098	1510	1515	1520	rVB7	2662	5999	0.17%	0.018%
27	12.581	1592	1597	1609	rVB7	9218	22552	0.64%	0.067%
28	12.786	1627	1632	1640	rBV4	7000	15062	0.42%	0.045%
29	13.598	1766	1770	1776	rVB5	14260	24508	0.69%	0.073%
30	13.698	1782	1787	1790	rBV7	2282	4605	0.13%	0.014%
31	13.898	1815	1821	1822	rBV6	4827	7252	0.20%	0.022%
32	14.033	1840	1844	1848	rBV6	7127	12933	0.36%	0.039%
33	14.128	1851	1860	1874	rVV	160868	306439	8.64%	0.913%
34	14.410	1902	1908	1920	rBV	208813	402057	11.33%	1.198%
35	14.716	1952	1960	1967	rBV	856621	1388017	39.12%	4.135%
36	14.780	1967	1971	1980	rVB	58716	107036	3.02%	0.319%

LSC Area Percent Report

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Data File : BP015733.D
Acq On : 27 Jun 2023 02:54
Operator : MA/JU
Sample : 03085-19
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFQ8

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-BP062623.MA.M
Title : SVOA CALIBRATION

37	15.033	2007	2014	2015	rBV3	14697	26501	0.75%	0.079%
38	15.127	2024	2030	2037	rBV	29150	57518	1.62%	0.171%
39	15.192	2040	2041	2048	rVV6	8371	11745	0.33%	0.035%
40	15.533	2097	2099	2103	rVB5	3302	4878	0.14%	0.015%
41	15.716	2123	2130	2136	rBV	246327	423756	11.94%	1.262%
42	15.774	2136	2140	2153	rVB	72918	134877	3.80%	0.402%
43	15.880	2153	2158	2165	rBV4	34512	83376	2.35%	0.248%
44	15.927	2165	2166	2172	rVB6	13164	18004	0.51%	0.054%
45	16.022	2178	2182	2183	rBV4	4373	4549	0.13%	0.014%
46	16.074	2186	2191	2198	rVB4	17561	38789	1.09%	0.116%
47	16.216	2210	2215	2223	rBV	15667	35251	0.99%	0.105%
48	16.451	2251	2255	2262	rVB6	7999	16824	0.47%	0.050%
49	16.774	2302	2310	2315	rBV6	14493	32285	0.91%	0.096%
50	16.827	2315	2319	2323	rVB6	5690	8623	0.24%	0.026%
51	16.969	2341	2343	2345	rBV3	4545	4572	0.13%	0.014%
52	16.998	2345	2348	2352	rVV6	9419	14324	0.40%	0.043%
53	17.039	2352	2355	2359	rVV6	8333	12138	0.34%	0.036%
54	17.145	2366	2373	2378	rBV	41446	76700	2.16%	0.228%
55	17.216	2379	2385	2390	rVV8	16362	44012	1.24%	0.131%
56	17.292	2394	2398	2405	rVV	49322	76452	2.15%	0.228%
57	17.351	2406	2408	2411	rVV4	5545	4799	0.14%	0.014%
58	17.474	2422	2429	2433	rBV	1072158	1653400	46.60%	4.926%
59	17.516	2433	2436	2442	rVV	1038452	1511539	42.61%	4.503%
60	17.580	2442	2447	2450	rVV2	271465	485762	13.69%	1.447%
61	17.610	2450	2452	2461	rVV	221635	345694	9.74%	1.030%
62	17.686	2463	2465	2472	rVB3	17232	26763	0.75%	0.080%
63	17.892	2493	2500	2511	rBV	149447	291965	8.23%	0.870%
64	18.333	2570	2575	2580	rBV2	122367	195159	5.50%	0.581%
65	18.386	2580	2584	2591	rVB	139033	187463	5.28%	0.558%
66	18.463	2594	2597	2602	rBV2	37461	53385	1.50%	0.159%
67	18.527	2602	2608	2612	rBV3	155010	262929	7.41%	0.783%
68	18.627	2623	2625	2630	rVB3	15523	17654	0.50%	0.053%
69	18.680	2631	2634	2637	rBV5	19027	25446	0.72%	0.076%
70	18.815	2653	2657	2663	rBV	79513	116938	3.30%	0.348%
71	18.874	2663	2667	2675	rVB2	80916	141893	4.00%	0.423%
72	19.051	2694	2697	2702	rVB2	22670	30411	0.86%	0.091%
73	19.104	2702	2706	2707	rBV2	22063	30347	0.86%	0.090%
74	19.215	2721	2725	2729	rBV	55344	79196	2.23%	0.236%
75	19.368	2748	2751	2758	rVB2	86667	127895	3.60%	0.381%
76	19.474	2763	2769	2776	rBV	2099973	2762658	77.87%	8.230%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062623\
Data File : BP015733.D
Acq On : 27 Jun 2023 02:54
Operator : MA/JU
Sample : 03085-19
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFQ8

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-BP062623.MA.M
Title : SVOA CALIBRATION

77	19.557	2781	2783	2790	rVB4	32015	68760	1.94%	0.205%
78	19.621	2792	2794	2797	rVB	27286	29716	0.84%	0.089%
79	19.710	2807	2809	2817	rVB	57869	85712	2.42%	0.255%
80	19.798	2819	2824	2826	rBV3	736905	1005734	28.35%	2.996%
81	19.827	2826	2829	2837	rVV	1555480	2104358	59.32%	6.269%
82	19.898	2838	2841	2850	rVB	85210	135676	3.82%	0.404%
83	20.004	2856	2859	2864	rVB	82259	109494	3.09%	0.326%
84	20.139	2878	2882	2883	rBV	81082	102166	2.88%	0.304%
85	20.204	2891	2893	2899	rVB	47171	65285	1.84%	0.194%
86	20.310	2908	2911	2915	rVB	178752	225984	6.37%	0.673%
87	20.404	2924	2927	2931	rBV	94877	127872	3.60%	0.381%
88	21.045	3033	3036	3043	rBV	196840	265628	7.49%	0.791%
89	21.204	3059	3063	3066	rBV3	242177	351797	9.92%	1.048%
90	21.286	3073	3077	3081	rBV3	155209	277423	7.82%	0.826%
91	21.345	3084	3087	3094	rVB	209288	287308	8.10%	0.856%
92	21.557	3117	3123	3128	rBV2	1701725	3547734	100.00%	10.569%
93	21.598	3128	3130	3139	rVB	829649	1064708	30.01%	3.172%
94	23.256	3409	3412	3417	rVB	269976	399680	11.27%	1.191%
95	23.327	3418	3424	3430	rBV	752087	1946910	54.88%	5.800%
96	23.880	3514	3518	3522	rBV	343186	628044	17.70%	1.871%
97	23.933	3523	3527	3533	rVV3	549304	1118729	31.53%	3.333%
98	23.998	3533	3538	3546	rVB	517004	1082161	30.50%	3.224%
99	24.109	3551	3557	3563	rBV	972017	2037208	57.42%	6.069%
100	24.698	3653	3657	3666	rVB	361321	759673	21.41%	2.263%

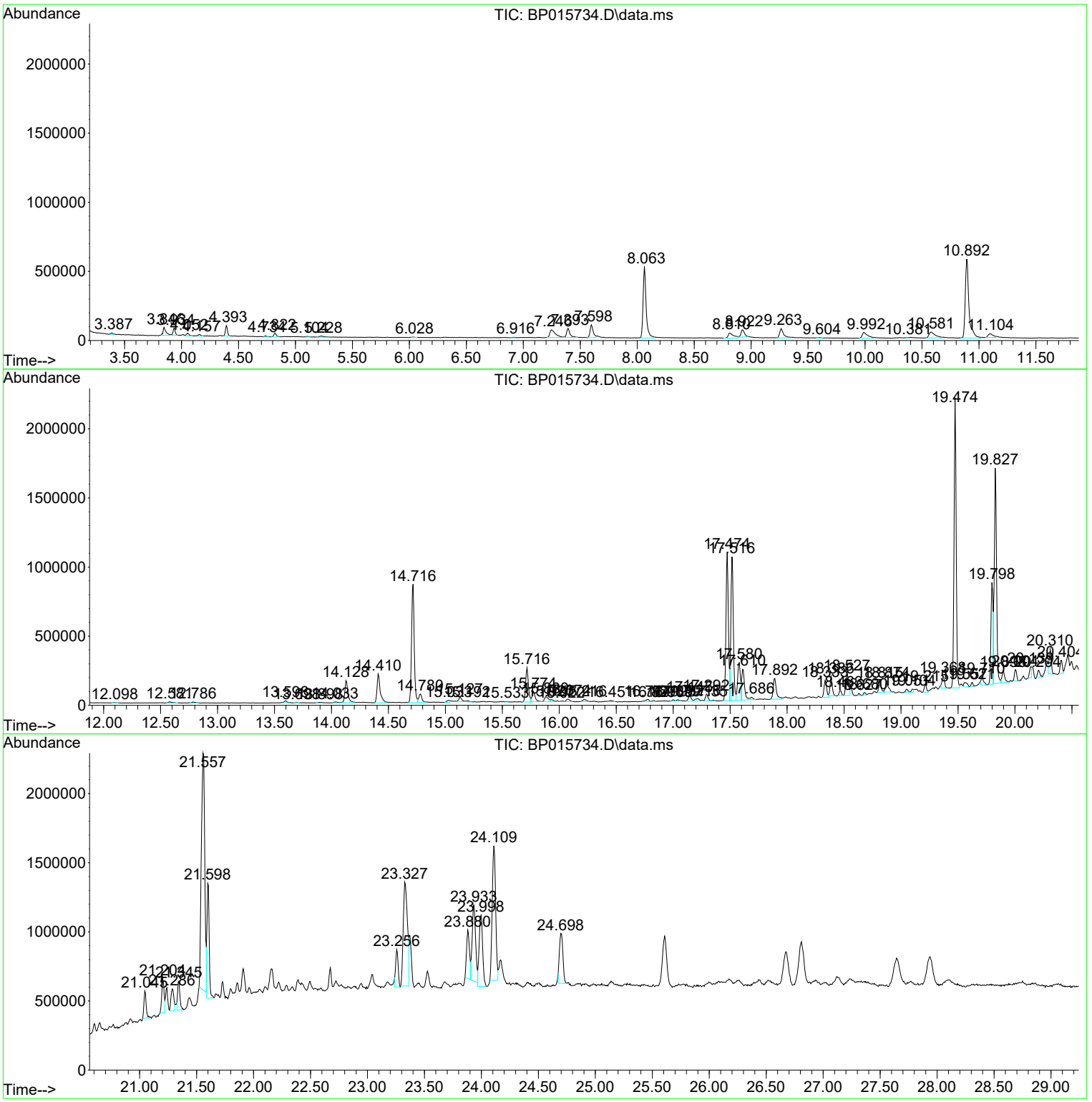
Sum of corrected areas: 33567526

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062623\
Data File : BP015733.D
Acq On : 27 Jun 2023 02:54
Operator : MA/JU
Sample : 03085-19
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFQ8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.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\BP062623\
Data File : BP015733.D
Acq On : 27 Jun 2023 02:54
Operator : MA/JU
Sample : 03085-19
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFQ8

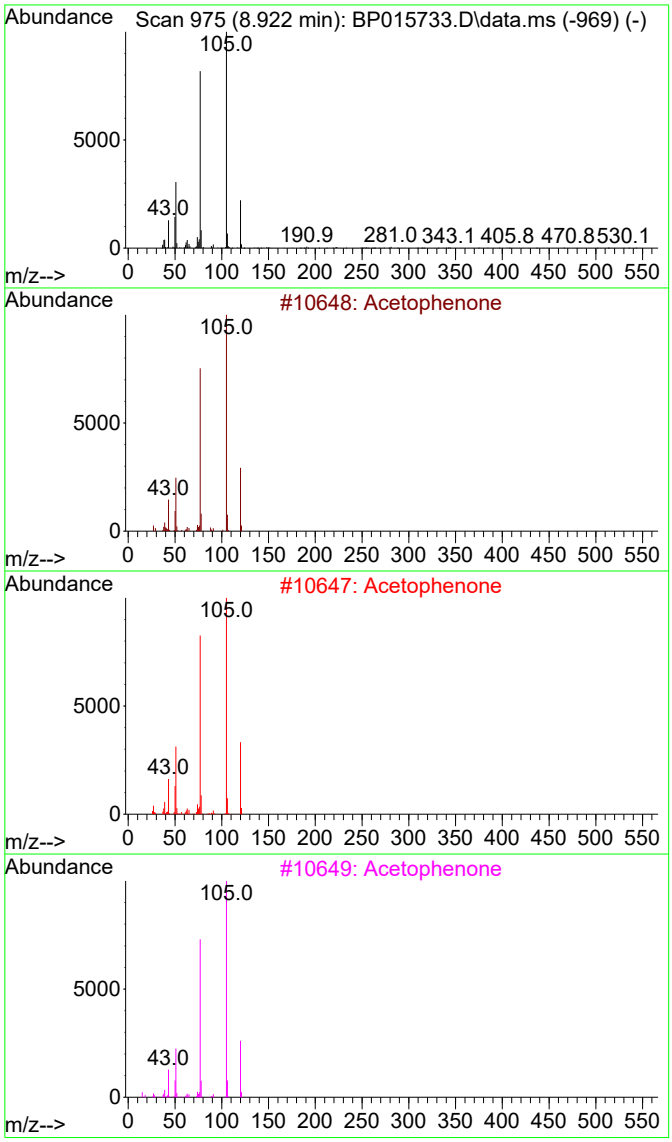
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

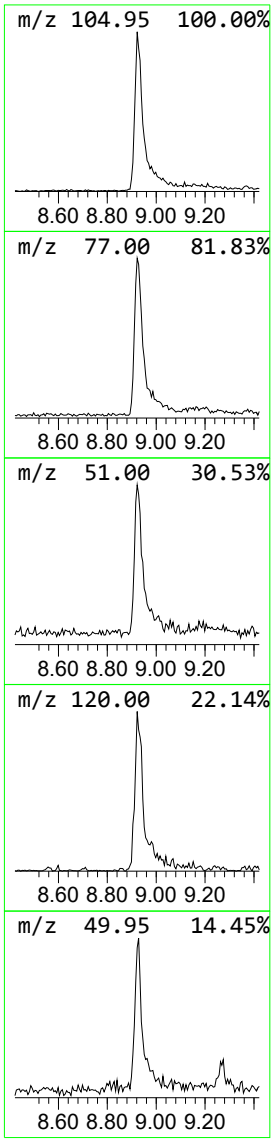
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Aceto phenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.922	2.33 ng/ul	111787	1,4-Dichlorobenzene-d4	8.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetophenone	120	C8H8O	000098-86-2	91
2	Acetophenone	120	C8H8O	000098-86-2	91
3	Acetophenone	120	C8H8O	000098-86-2	91
4	Acetophenone	120	C8H8O	000098-86-2	90
5	1-Butanone, 3-methyl-1-phenyl-	162	C11H14O	000582-62-7	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062623\
Data File : BP015733.D
Acq On : 27 Jun 2023 02:54
Operator : MA/JU
Sample : 03085-19
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFQ8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

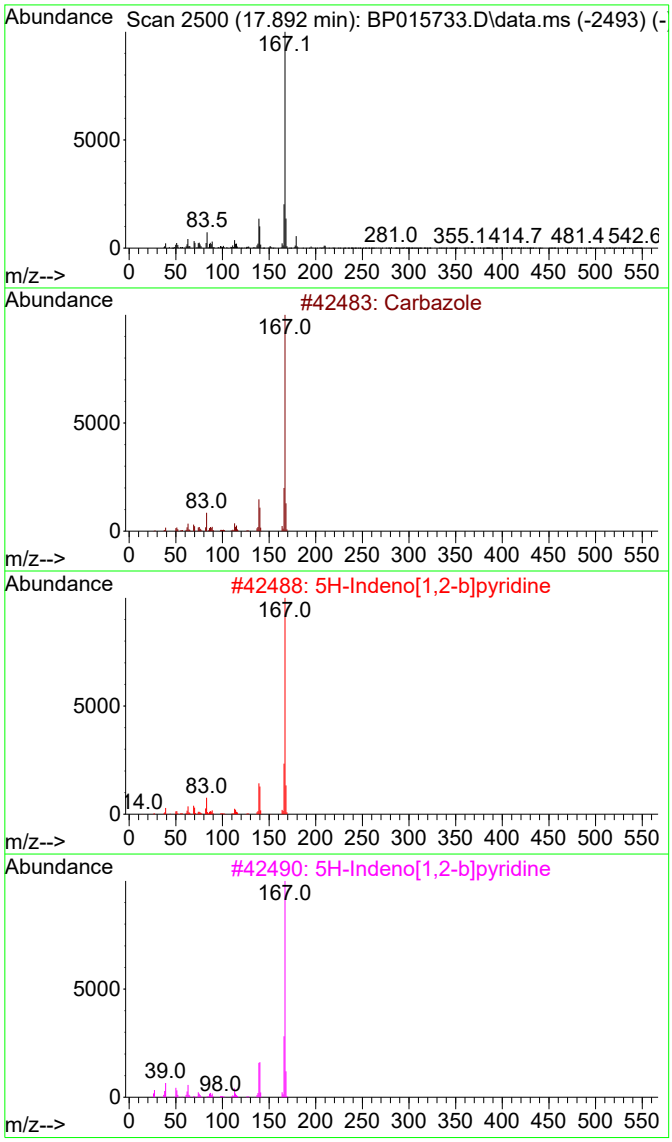
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

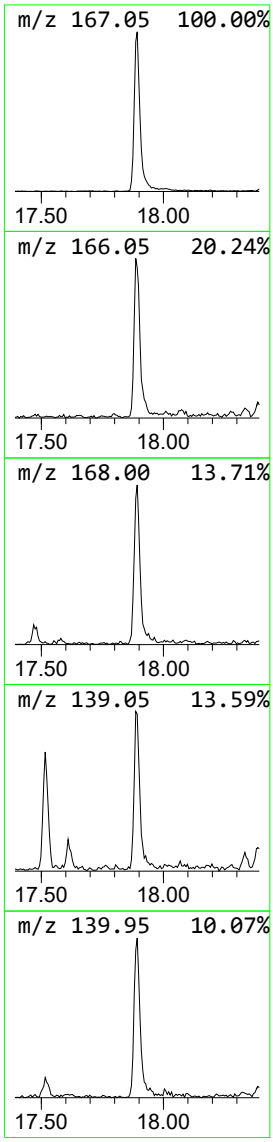
****

Peak Number 2 Carba zole Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.892	3.53 ng/ul	291965	Phenanthrene-d10	17.474

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbazole	167	C12H9N	000086-74-8	96
2	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	94
3	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	90
4	Carbazole	167	C12H9N	000086-74-8	90
5	9H-Carbazole-9-methanol	197	C13H11NO	002409-36-1	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062623\
Data File : BP015733.D
Acq On : 27 Jun 2023 02:54
Operator : MA/JU
Sample : 03085-19
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFQ8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

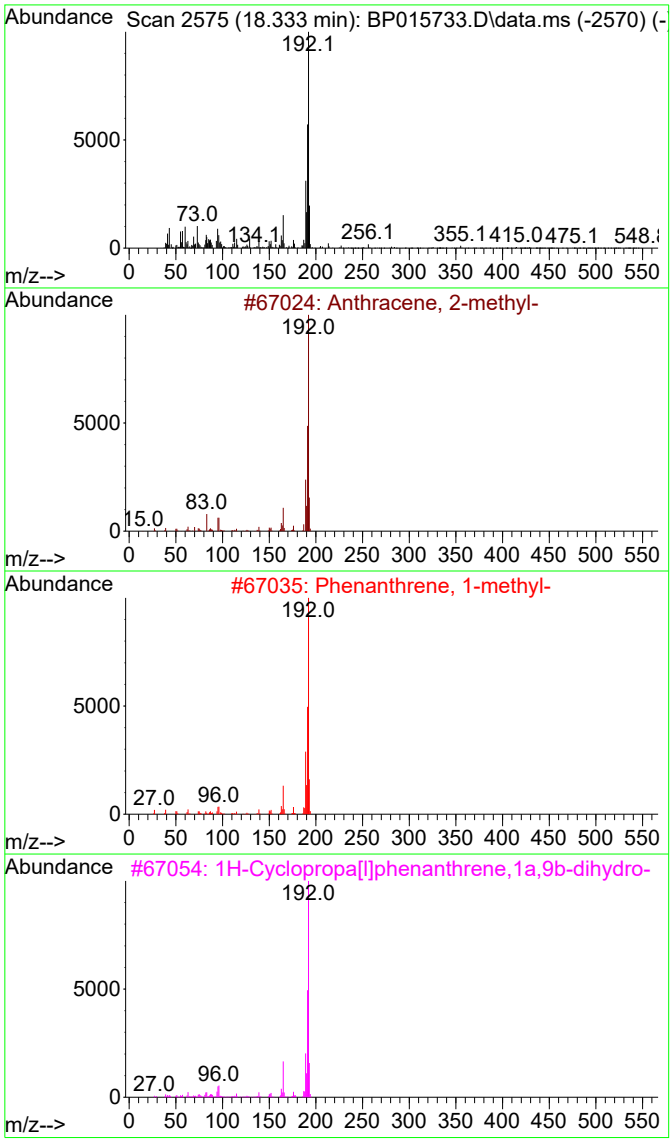
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

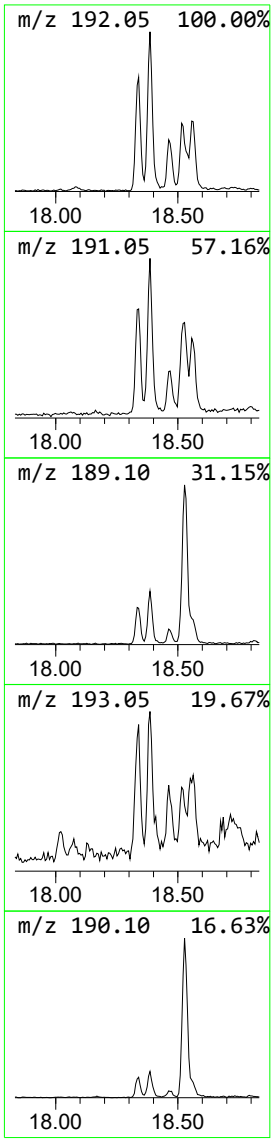
****

Peak Number 3 Anthracene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.333	2.36 ng/ul	195159	Phenanthrene-d10	17.474

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062623\
Data File : BP015733.D
Acq On : 27 Jun 2023 02:54
Operator : MA/JU
Sample : 03085-19
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFQ8

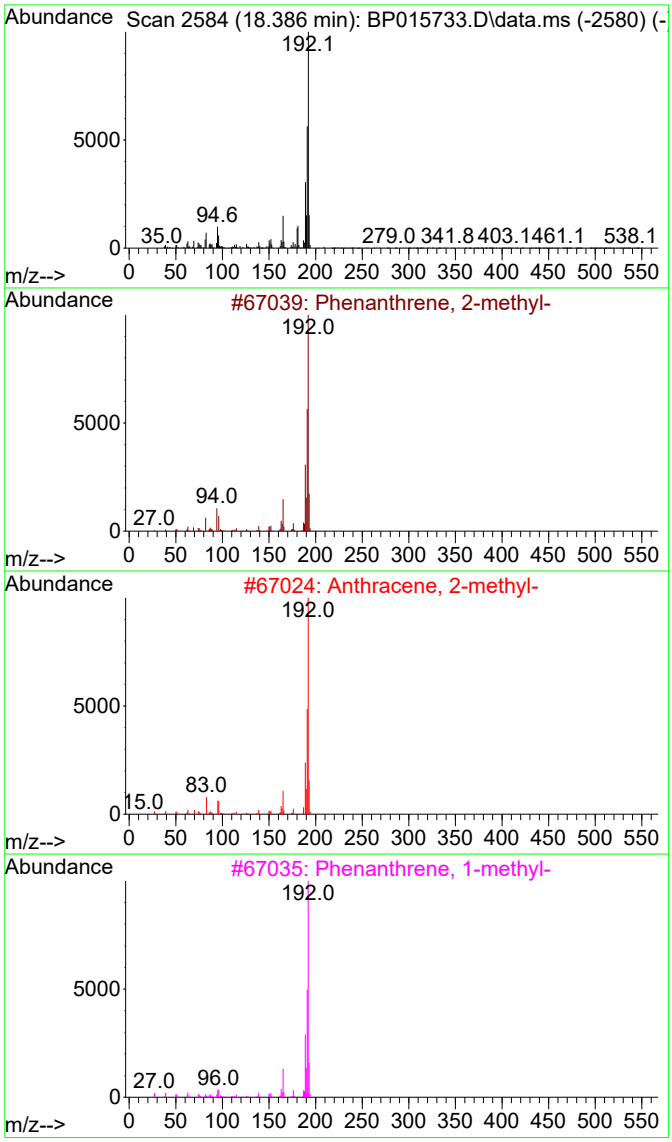
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

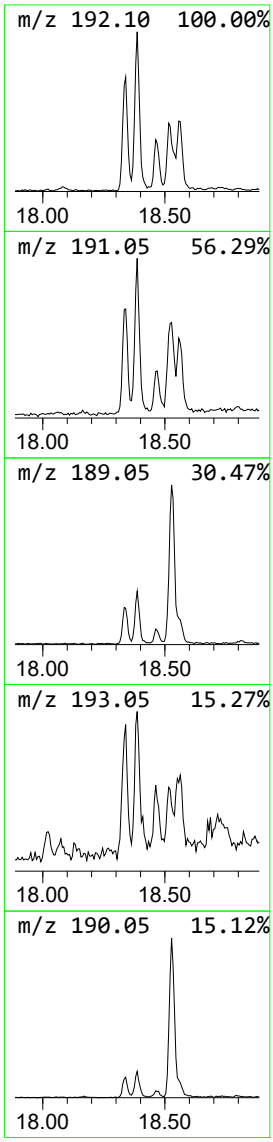
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.386	2.27 ng/ul	187463	Phenanthrene-d10	17.474

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062623\
Data File : BP015733.D
Acq On : 27 Jun 2023 02:54
Operator : MA/JU
Sample : 03085-19
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFQ8

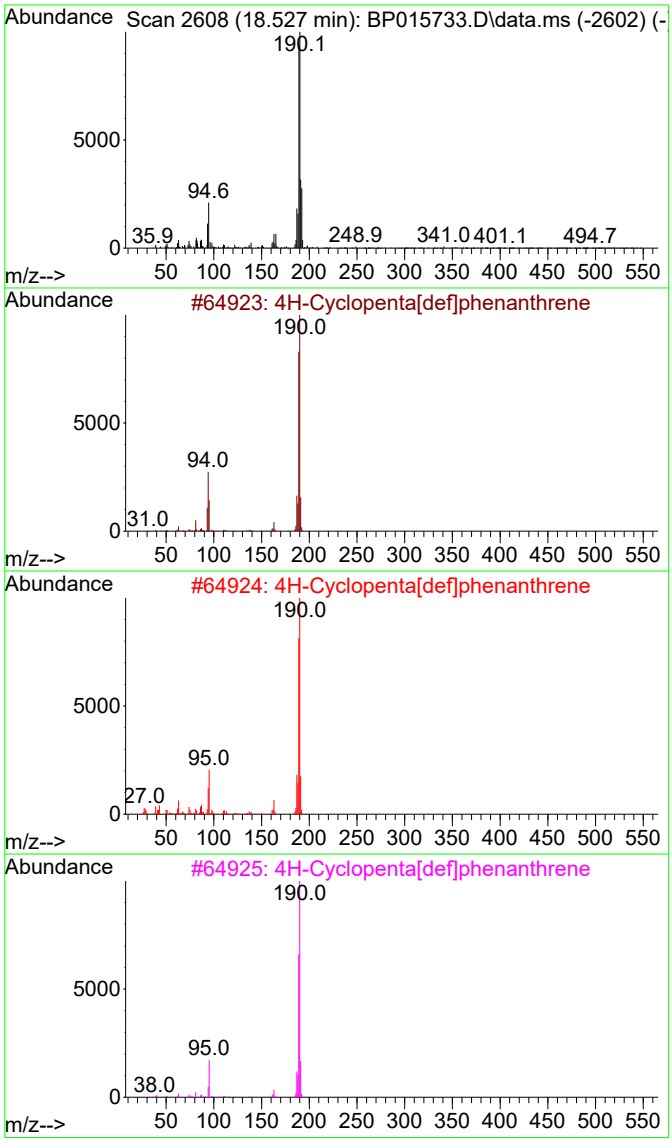
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

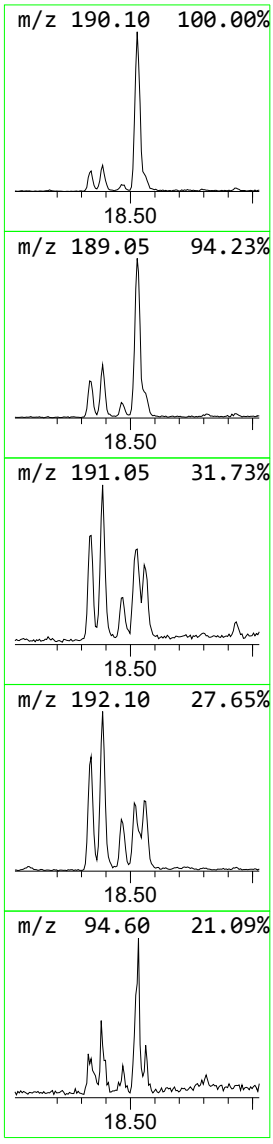
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.527	3.18 ng/ul	262929	Phenanthrene-d10	17.474

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
4	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
5	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062623\
Data File : BP015733.D
Acq On : 27 Jun 2023 02:54
Operator : MA/JU
Sample : 03085-19
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFQ8

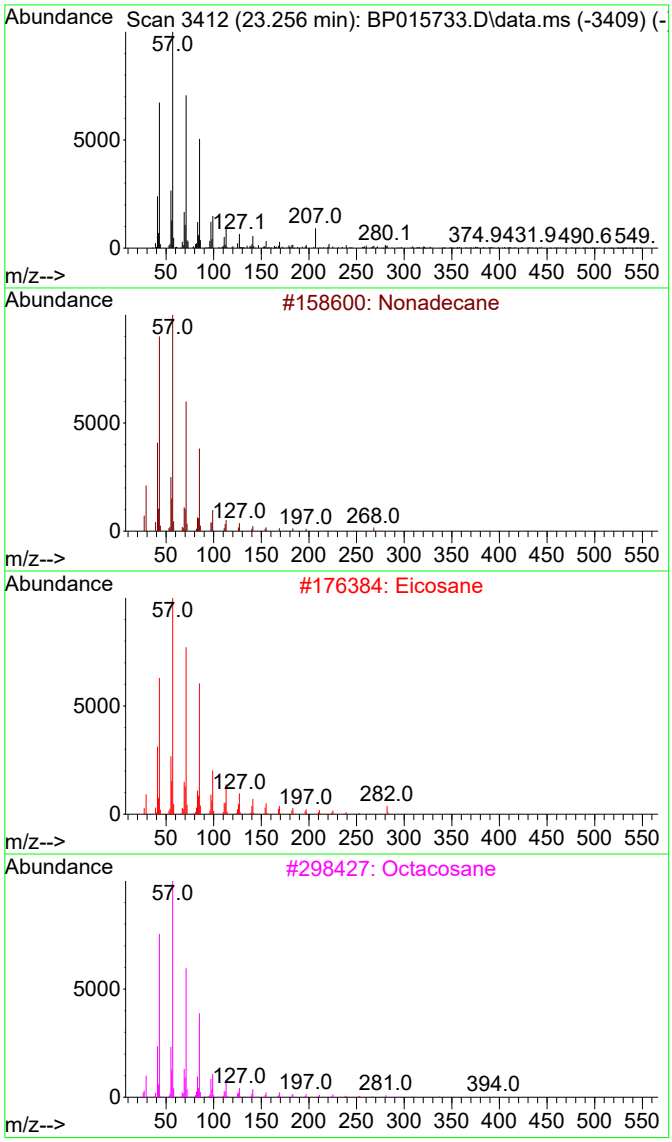
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

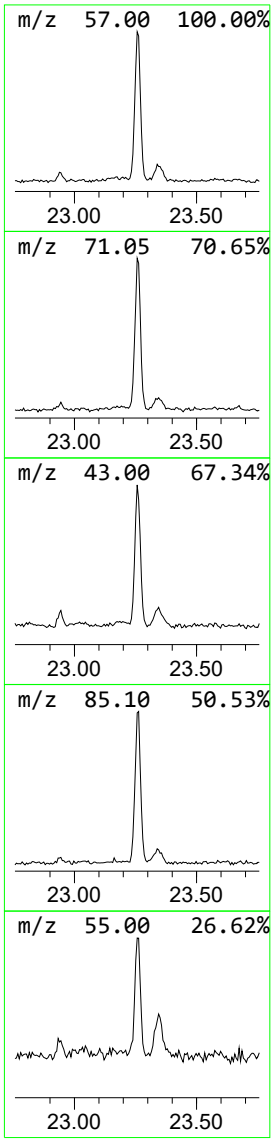
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.256	3.92 ng/ul	399680	Perylene-d12	24.109

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	96
2	Eicosane	282	C20H42	000112-95-8	91
3	Octacosane	394	C28H58	000630-02-4	87
4	Octacosane	394	C28H58	000630-02-4	87
5	Nonadecane	268	C19H40	000629-92-5	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062623\
Data File : BP015733.D
Acq On : 27 Jun 2023 02:54
Operator : MA/JU
Sample : 03085-19
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFQ8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

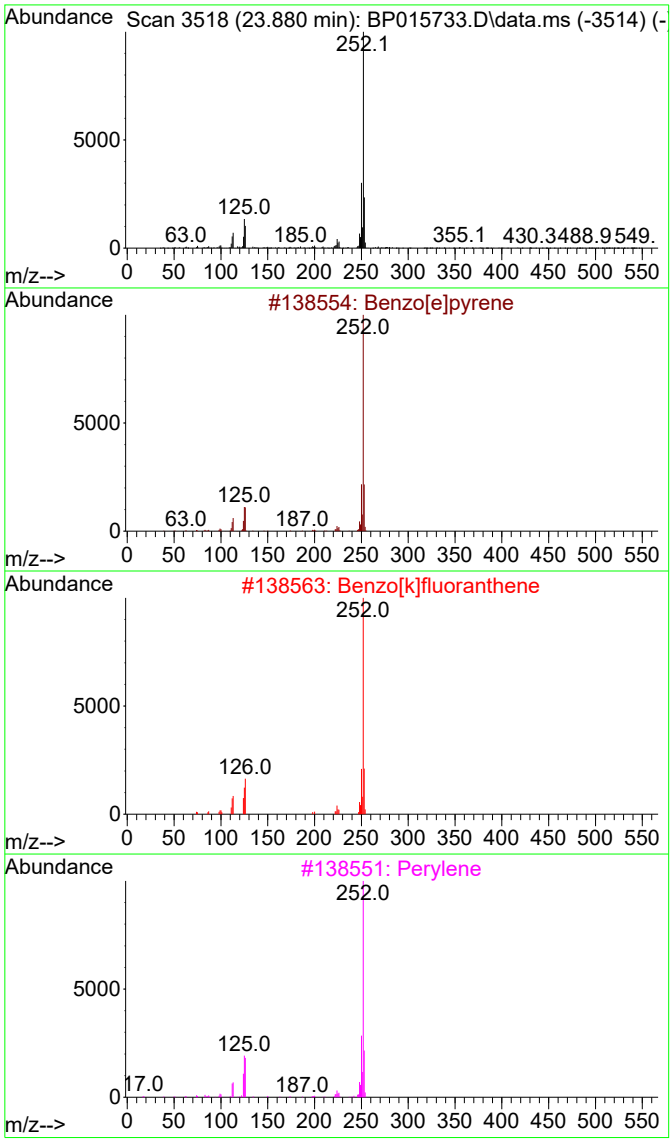
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

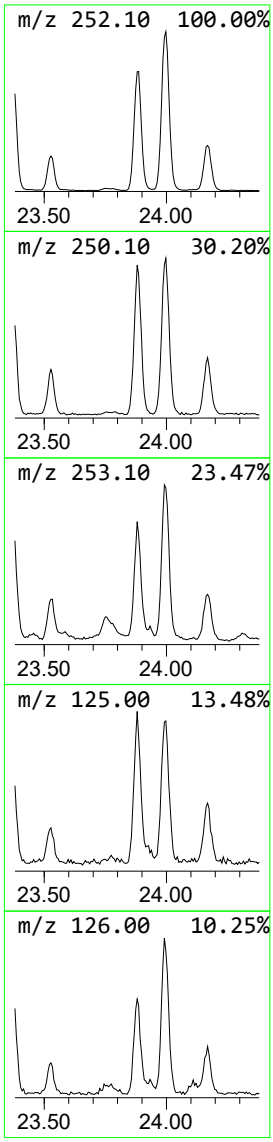
****

Peak Number 7 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.880	6.17 ng/ul	628044	Perylene-d12	24.109

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Perylene	252	C20H12	000198-55-0	95
4	Perylene	252	C20H12	000198-55-0	95
5	Benzo[a]pyrene	252	C20H12	000050-32-8	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062623\
Data File : BP015733.D
Acq On : 27 Jun 2023 02:54
Operator : MA/JU
Sample : 03085-19
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFQ8

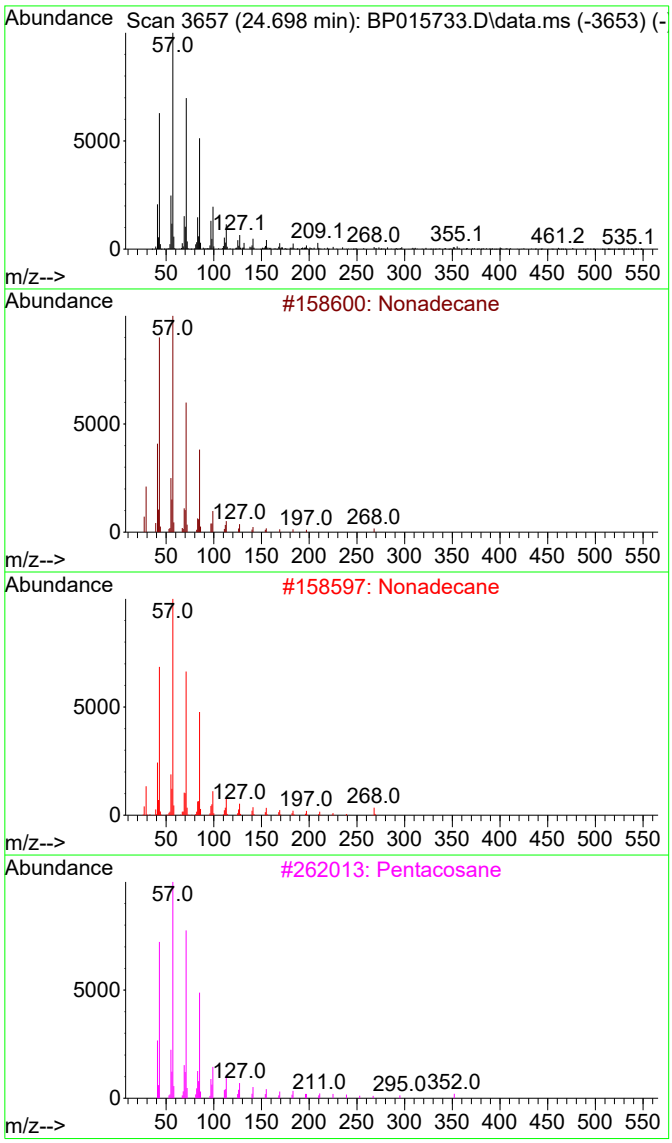
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

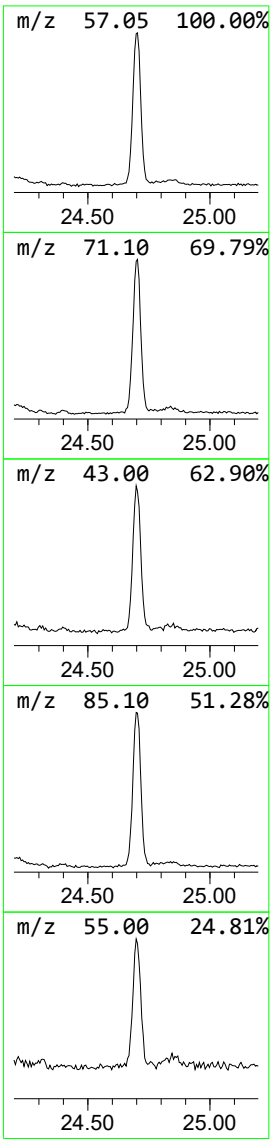
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.698	7.46 ng/ul	759673	Perylene-d12	24.109

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	95
2	Nonadecane	268	C19H40	000629-92-5	93
3	Pentacosane	352	C25H52	000629-99-2	91
4	Docosane, 1-iodo-	436	C22H45I	1000406-31-9	90
5	Dotriacontane, 1-iodo-	576	C32H65I	1000406-32-4	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062623\
Data File : BP015733.D
Acq On : 27 Jun 2023 02:54
Operator : MA/JU
Sample : 03085-19
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFQ8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.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
Aceto phenone	8.922	2.3	ng/ul	111787	1	8.063	960399	20.0
Carba zole	17.892	3.5	ng/ul	291965	4	17.474	1653400	20.0
Anthracene, 2-m...	18.333	2.4	ng/ul	195159	4	17.474	1653400	20.0
Phenanthrene, 2...	18.386	2.3	ng/ul	187463	4	17.474	1653400	20.0
4H-Cyclopenta[d...	18.527	3.2	ng/ul	262929	4	17.474	1653400	20.0
(DEL) Alkane: S...	23.256	3.9	ng/ul	399680	6	24.109	2037210	20.0
Benzo[e]pyrene	23.880	6.2	ng/ul	628044	6	24.109	2037210	20.0
(DEL) Alkane: S...	24.698	7.5	ng/ul	759673	6	24.109	2037210	20.0