LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110723\
Data File : BP017924.D
Acq On : 07 Nov 2023 10:25
Operator : MA/JU
Sample : 05168-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

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-BP110623.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP017924.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	23	26	34	rVB	17465	23094	0.13%	0.009%
2	6.187	521	527	534	rBV4	9542	20106	0.12%	0.008%
3	7.052	662	674	694	rBV2	2237147	4101689	23.89%	1.611%
4	7.205	694	700	708	rBV	256520	390304	2.27%	0.153%
5	7.299	708	716	723	rBV	532191	746721	4.35%	0.293%
6	7.375	723	729	731	rBV	372649	564337	3.29%	0.222%
7	7.411	731	735	743	rVB	1464337	2228485	12.98%	0.875%
8	7.728	781	789	798	rBV	839872	1300063	7.57%	0.511%
9	7.852	804	810	811	rBV	282343	333264	1.94%	0.131%
10	7.893	811	817	824	rVB	3448464	5274936	30.73%	2.072%
11	8.199	861	869	878	rVB	2393485	3653731	21.28%	1.435%
12	8.581	925	934	943	rBV	426559	703485	4.10%	0.276%
13	8.681	943	951	962	rVB	1964068	2960727	17.25%	1.163%
14	8.911	981	990	999	rVB	2064340	3301462	19.23%	1.297%
15	9.058	1008	1015	1018	rBV	357899	564641	3.29%	0.222%
16	9.105	1018	1023	1042	rVB	649962	1092647	6.36%	0.429%
17	9.769	1127	1136	1138	rBV	338881	544355	3.17%	0.214%
18	9.805	1138	1142	1154	rVB	818195	1345827	7.84%	0.529%
19	10.099	1185	1192	1203	rBV	1076773	1616632	9.42%	0.635%
20	10.322	1216	1230	1250	rBV2	1123313	2664565	15.52%	1.047%
21	10.675	1279	1290	1293	rBV	354096	597586	3.48%	0.235%
22	10.728	1293	1299	1309	rVV	4654560	7338431	42.75%	2.883%
23	10.852	1313	1320	1331	rVV	282455	546523	3.18%	0.215%
24	10.940	1332	1335	1346	rVB8	8992	17726	0.10%	0.007%
25	11.975	1503	1511	1527	rBV	2264067	3744668	21.81%	1.471%
26	12.263	1555	1560	1570	rVB5	9828	18865	0.11%	0.007%
27	12.769	1640	1646	1652	rBV	15315	23943	0.14%	0.009%
28	12.951	1669	1677	1683	rBV	1806337	2648381	15.43%	1.040%
29	13.022	1683	1689	1715	rVB	3609804	5484284	31.95%	2.154%
30	13.363	1740	1747	1748	rBV	43271	59083	0.34%	0.023%
31	13.404	1748	1754	1764	rVV	2446293	3516223	20.48%	1.381%
32	13.493	1764	1769	1774	rVV2	23309	40228	0.23%	0.016%
33	13.575	1778	1783	1790	rVB2	28750	46062	0.27%	0.018%
34	13.946	1840	1846	1859	rVB	844723	1205252	7.02%	0.473%
35	14.157	1874	1882	1888	rBV	5028550	6970412	40.60%	2.738%
36	14.257	1888	1899	1910	rVB2	6561833	10525326	61.31%	4.135%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110723\
Data File : BP017924.D
Acq On : 07 Nov 2023 10:25
Operator : MA/JU
Sample : 05168-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

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-BP110623.MA.M
Title : SVOA CALIBRATION

37	14.528	1936	1945	1950	rBV	540271	792722	4.62%	0.311%
38	14.593	1950	1956	1965	rVB	5188555	7412962	43.18%	2.912%
39	14.798	1981	1991	2006	rBV2	2502293	4656406	27.12%	1.829%
40	14.940	2007	2015	2029	rVB	2730234	3896074	22.69%	1.530%
41	15.151	2045	2051	2057	rBV2	56557	83301	0.49%	0.033%
42	15.357	2079	2086	2091	rBV	7566589	9700670	56.51%	3.811%
43	15.434	2095	2099	2106	rVB6	17882	28684	0.17%	0.011%
44	15.528	2108	2115	2118	rBV	1198779	1687234	9.83%	0.663%
45	15.575	2118	2123	2135	rVB2	7434068	10715817	62.42%	4.210%
46	15.675	2135	2140	2151	rBV	433182	597789	3.48%	0.235%
47	15.828	2162	2166	2171	rBV2	28892	40073	0.23%	0.016%
48	16.069	2201	2207	2212	rBV5	11470	23133	0.13%	0.009%
49	16.128	2212	2217	2222	rVV2	35090	58596	0.34%	0.023%
50	16.175	2222	2225	2230	rVB2	19021	27770	0.16%	0.011%
51	16.292	2239	2245	2255	rVB4	26749	56342	0.33%	0.022%
52	16.398	2255	2263	2267	rBV	47081	62499	0.36%	0.025%
53	16.569	2284	2292	2297	rBV	8694686	12089132	70.42%	4.749%
54	16.657	2303	2307	2315	rVB10	11243	22374	0.13%	0.009%
55	16.769	2322	2326	2332	rVB2	19355	24603	0.14%	0.010%
56	16.934	2344	2354	2372	rBV	5681539	7857530	45.77%	3.087%
57	17.092	2375	2381	2388	rVB6	45139	106421	0.62%	0.042%
58	17.304	2406	2417	2420	rBV	675217	1033983	6.02%	0.406%
59	17.345	2420	2424	2429	rVV	2800565	3797973	22.12%	1.492%
60	17.404	2429	2434	2436	rVV	1351823	1822928	10.62%	0.716%
61	17.439	2436	2440	2451	rVV	3969612	5309667	30.93%	2.086%
62	17.534	2451	2456	2462	rVB6	15692	24799	0.14%	0.010%
63	17.657	2474	2477	2484	rVB2	20552	30089	0.18%	0.012%
64	17.739	2485	2491	2496	rBV3	14359	32867	0.19%	0.013%
65	17.863	2508	2512	2514	rBV2	24814	33397	0.19%	0.013%
66	17.922	2514	2522	2529	rVB3	157452	274108	1.60%	0.108%
67	18.151	2555	2561	2568	rBV	444974	618828	3.60%	0.243%
68	18.239	2570	2576	2581	rVV	8856047	10735942	62.54%	4.217%
69	18.345	2591	2594	2599	rBV5	19520	27520	0.16%	0.011%
70	18.404	2600	2604	2609	rVB4	28953	38111	0.22%	0.015%
71	18.534	2620	2626	2632	rBV3	55217	137821	0.80%	0.054%
72	18.639	2641	2644	2650	rVB	38675	51676	0.30%	0.020%
73	18.722	2653	2658	2668	rVB	397699	503835	2.93%	0.198%
74	19.034	2706	2711	2713	rBV5	20130	32870	0.19%	0.013%
75	19.063	2713	2716	2719	rVV2	72950	75794	0.44%	0.030%
76	19.192	2734	2738	2741	rBV	63501	74235	0.43%	0.029%

LSC Area Percent Report

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Acq On : 07 Nov 2023 10:25
Operator : MA/JU
Sample : 05168-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

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-BP110623.MA.M
Title : SVOA CALIBRATION

77	19.328	2755	2761	2766	rVV	10250729	13521145	78.76%	5.312%
78	19.392	2767	2772	2785	rBV2	259386	397393	2.31%	0.156%
79	19.563	2797	2801	2809	rBV	89252	137155	0.80%	0.054%
80	19.651	2811	2816	2818	rBV2	1771249	2333649	13.59%	0.917%
81	19.686	2818	2822	2827	rVB	4913401	6129412	35.70%	2.408%
82	20.116	2892	2895	2904	rVB5	36634	63850	0.37%	0.025%
83	20.263	2917	2920	2926	rVB	136132	145693	0.85%	0.057%
84	20.457	2950	2953	2958	rVB4	43077	73565	0.43%	0.029%
85	21.098	3054	3062	3069	rBV3	347062	738259	4.30%	0.290%
86	21.210	3078	3081	3086	rBV	293153	307899	1.79%	0.121%
87	21.286	3089	3094	3099	rVV	15657764	17167706	100.00%	6.744%
88	21.410	3108	3115	3120	rBV	8467367	11435386	66.61%	4.492%
89	21.469	3120	3125	3130	rVB	11711749	14222664	82.85%	5.587%
90	22.145	3237	3240	3246	rVB	233607	288719	1.68%	0.113%
91	23.057	3392	3395	3401	rVB	148643	219785	1.28%	0.086%
92	23.204	3410	3420	3430	rVB	7850970	14491394	84.41%	5.693%
93	23.745	3505	3512	3522	rVB2	1096549	2229795	12.99%	0.876%
94	23.910	3533	3540	3549	rVB	545039	1105551	6.44%	0.434%
95	26.592	3982	3996	4007	rVB	2790213	8743027	50.93%	3.435%

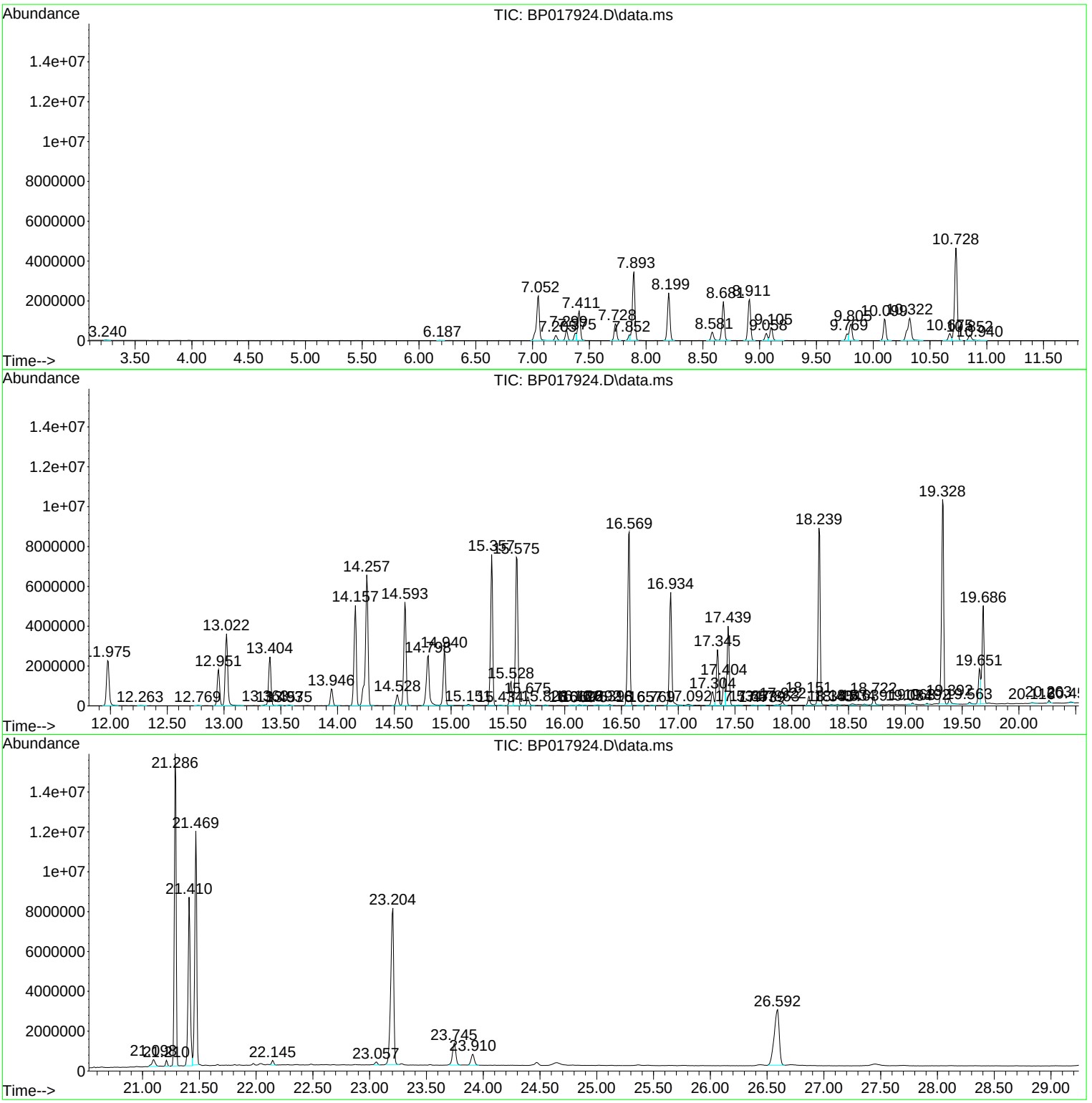
Sum of corrected areas: 254562686

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110723\
Data File : BP017924.D
Acq On : 07 Nov 2023 10:25
Operator : MA/JU
Sample : 05168-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110623.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\BP110723\
Data File : BP017924.D
Acq On : 07 Nov 2023 10:25
Operator : MA/JU
Sample : 05168-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

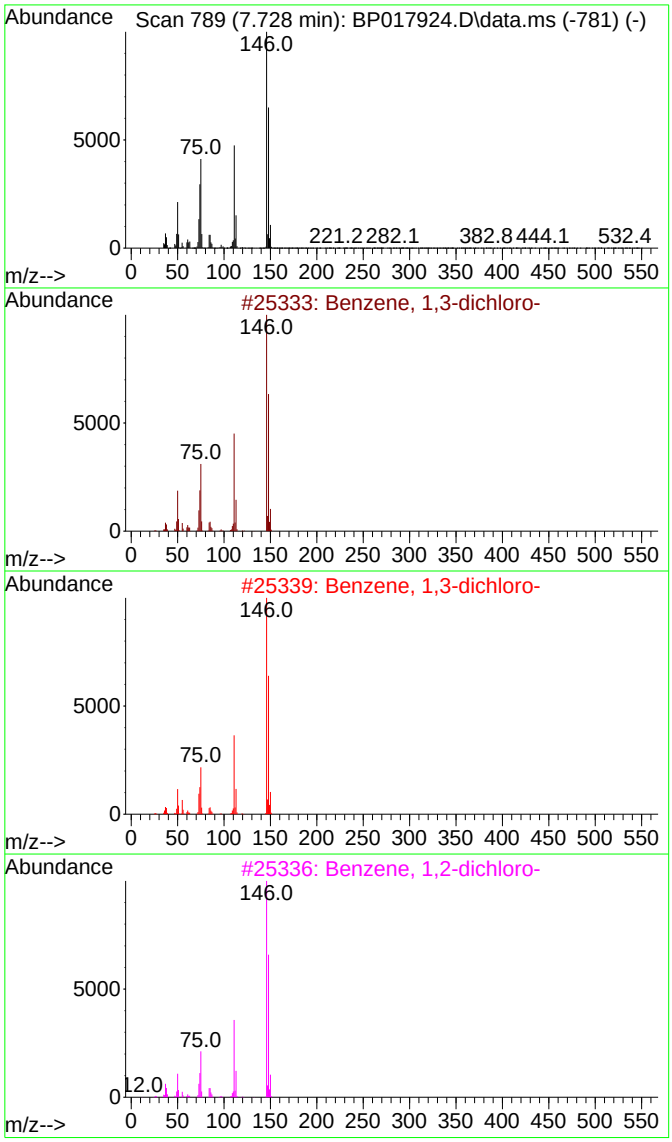
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110623.MA.M
Quant Title : SVOA CALIBRATION

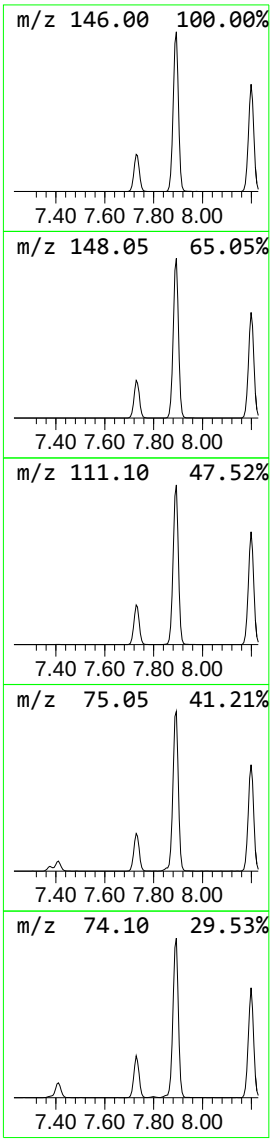
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Benzene, 1,3-dichloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.728	78.02 ng/ul	1300060	1,4-Dichlorobenzene-d4	7.852

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	98
2	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	97
3	Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	97
4	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	96
5	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110723\
Data File : BP017924.D
Acq On : 07 Nov 2023 10:25
Operator : MA/JU
Sample : 05168-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110623.MA.M
Quant Title : SVOA CALIBRATION

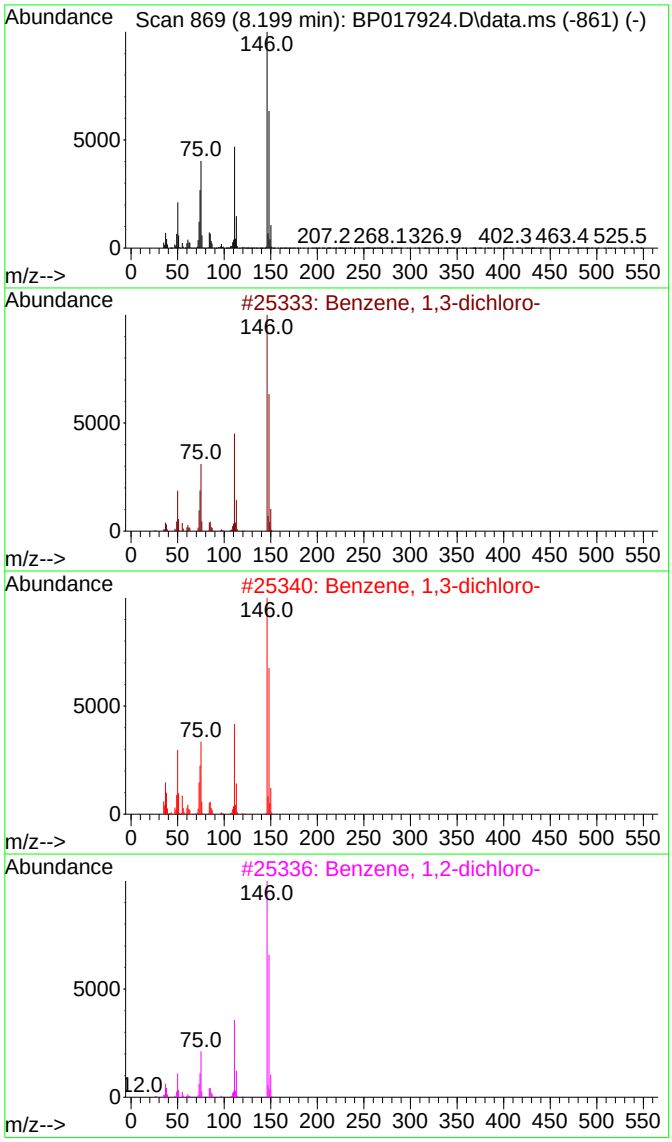
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

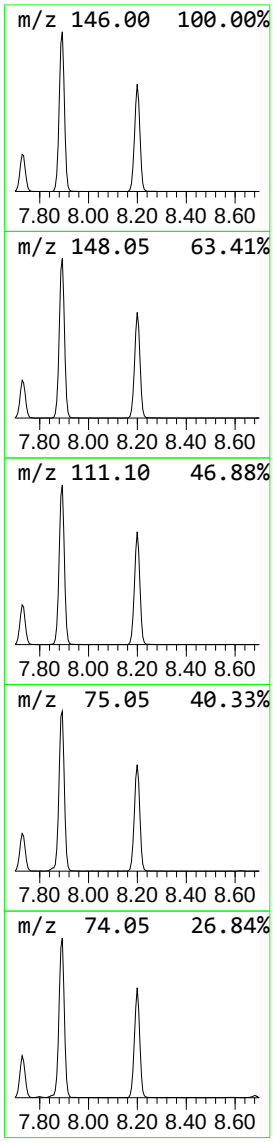
****

Peak Number 2 Benzene, 1,2-dichloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.199	219.27 ng/ul	3653730	1,4-Dichlorobenzene-d4	7.852

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	98
2	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	97
3	Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	97
4	Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	96
5	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110723\
Data File : BP017924.D
Acq On : 07 Nov 2023 10:25
Operator : MA/JU
Sample : 05168-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110623.MA.M
Quant Title : SVOA CALIBRATION

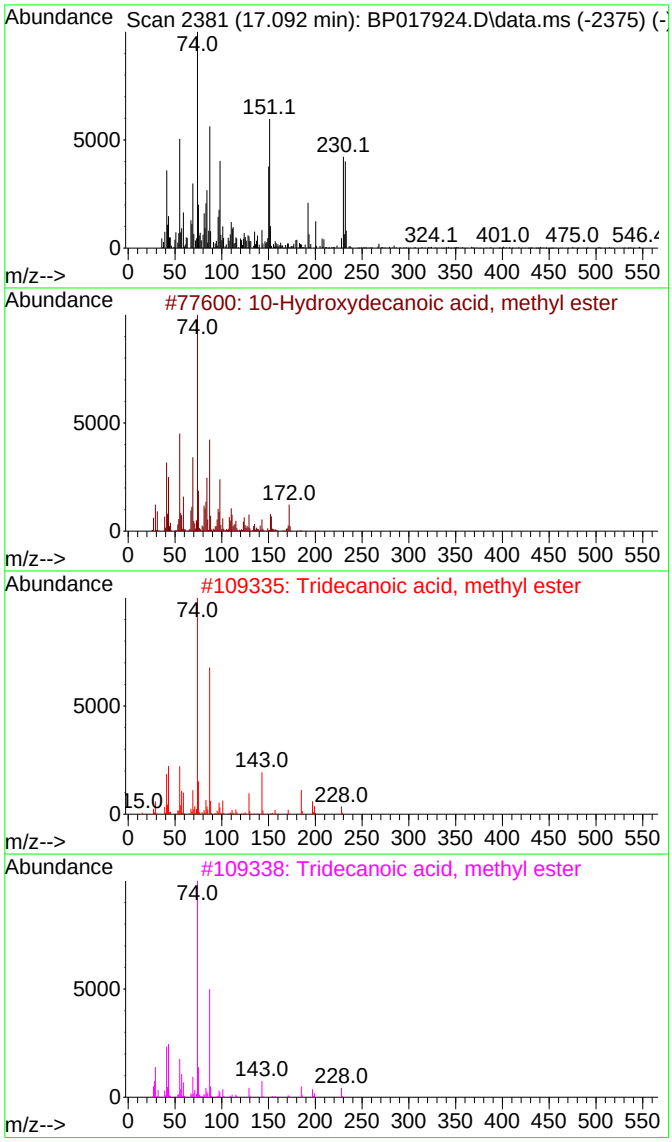
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

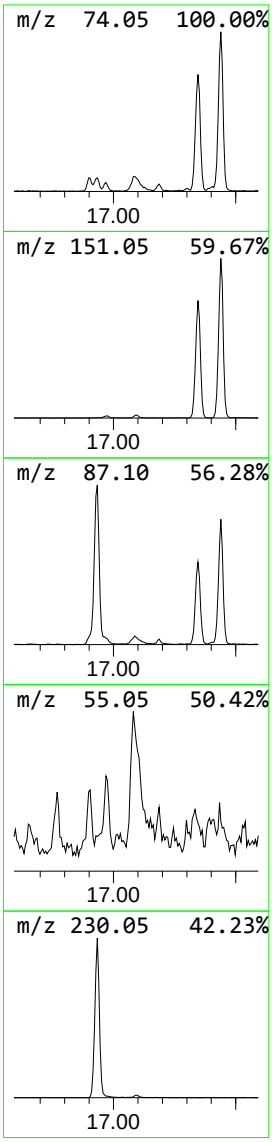
****

Peak Number 4 unknown-01 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.092	2.06 ng/ul	106421	Phenanthrene-d10	17.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10-Hydroxydecanoic acid, methyl ...	202	C11H22O3	002640-94-0	38
2	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	25
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	25
4	Undecanoic acid, methyl ester	200	C12H24O2	001731-86-8	25
5	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110723\
Data File : BP017924.D
Acq On : 07 Nov 2023 10:25
Operator : MA/JU
Sample : 05168-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

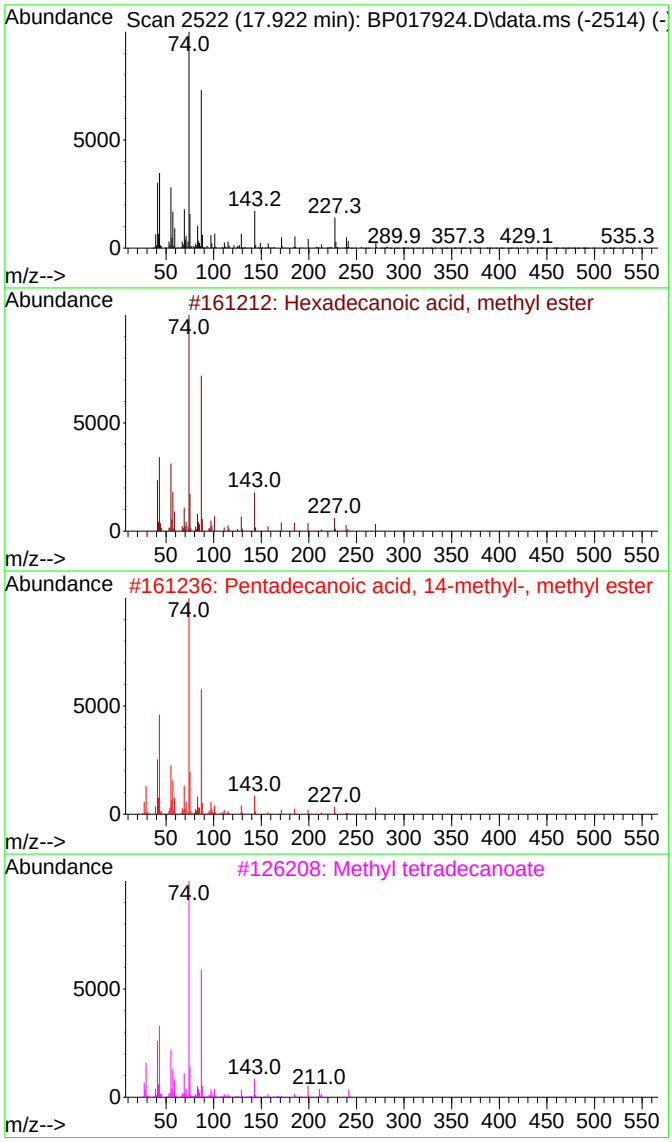
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110623.MA.M
Quant Title : SVOA CALIBRATION

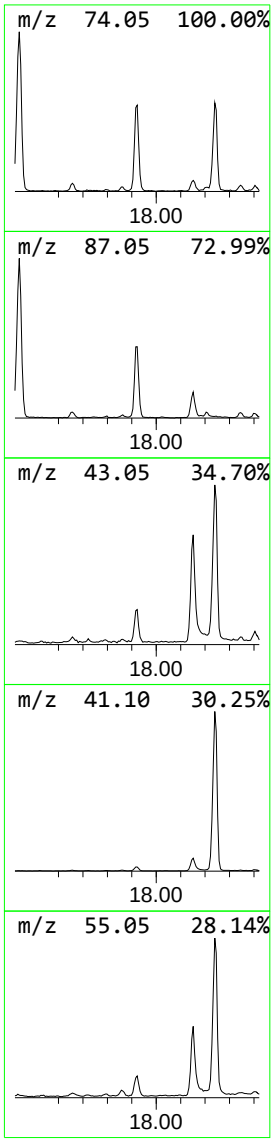
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Hexadecanoic acid, methyl e... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.922	5.30 ng/ul	274108	Phenanthrene-d10	17.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	93
3	Methyl tetradecanoate	242	C15H30O2	000124-10-7	91
4	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	90
5	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110723\
Data File : BP017924.D
Acq On : 07 Nov 2023 10:25
Operator : MA/JU
Sample : 05168-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110623.MA.M
Quant Title : SVOA CALIBRATION

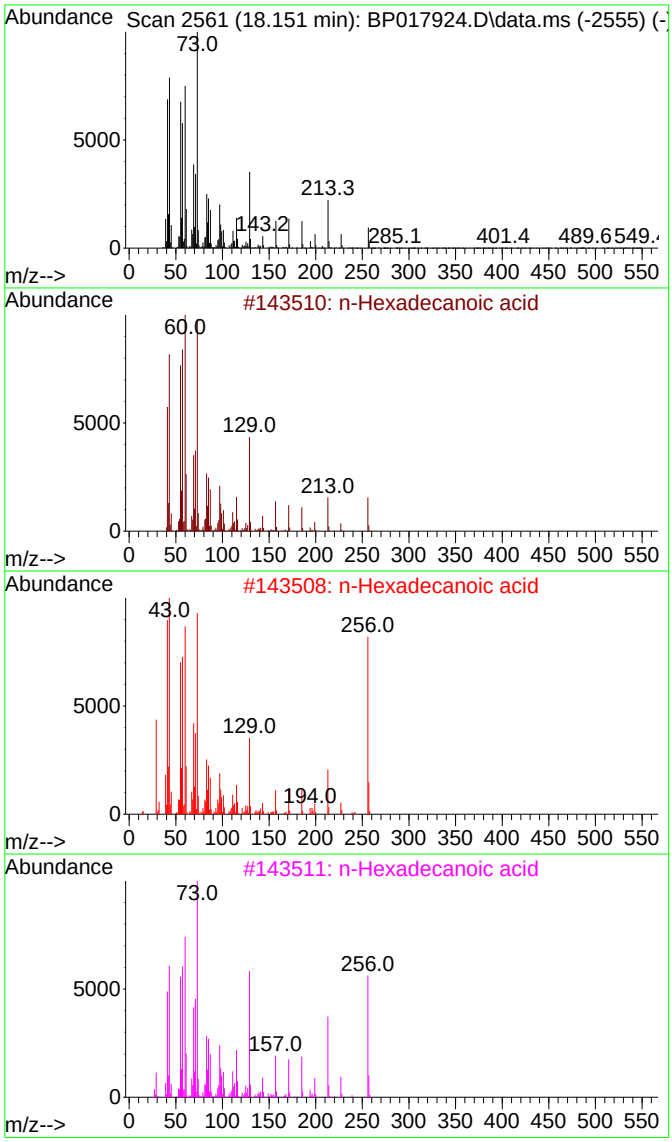
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

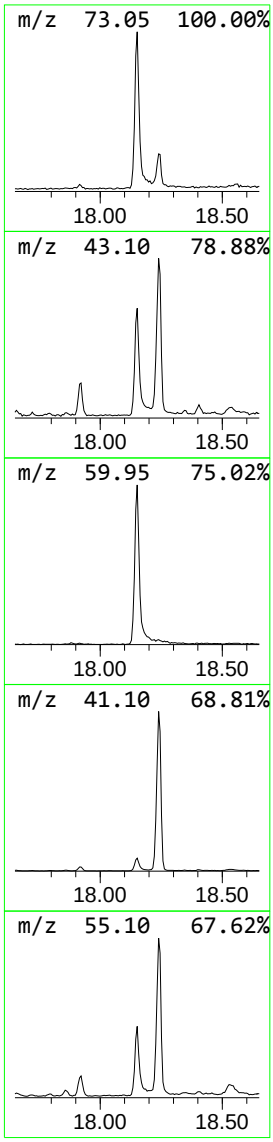
****

Peak Number 6 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.151	11.97 ng/ul	618828	Phenanthrene-d10	17.304

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	98
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110723\
Data File : BP017924.D
Acq On : 07 Nov 2023 10:25
Operator : MA/JU
Sample : 05168-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

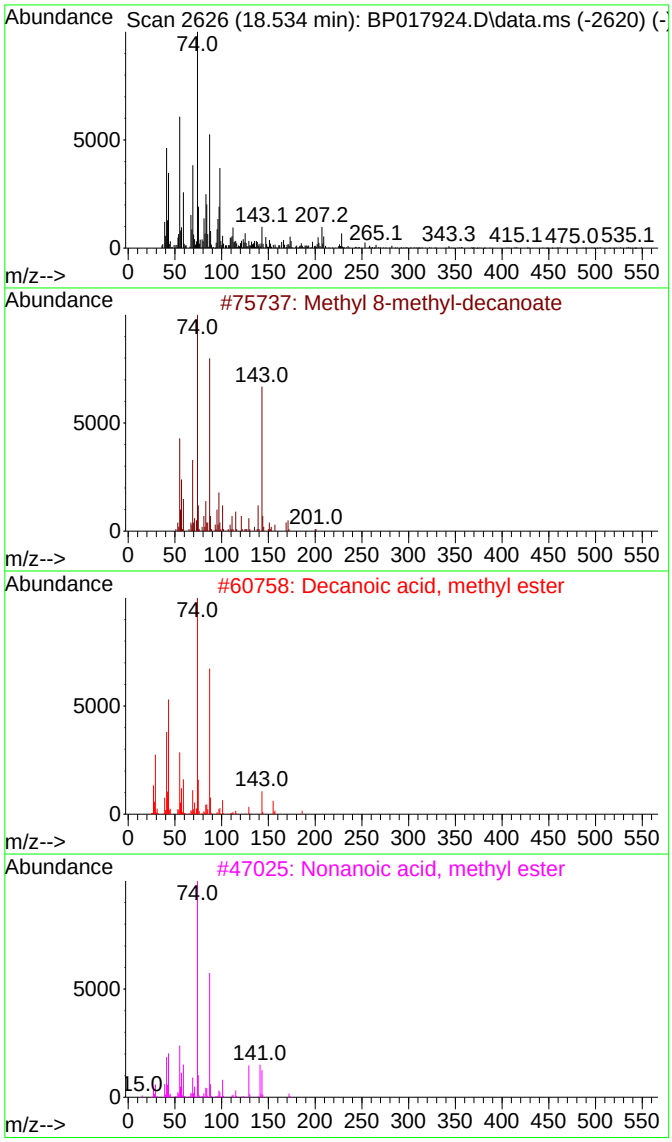
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110623.MA.M
Quant Title : SVOA CALIBRATION

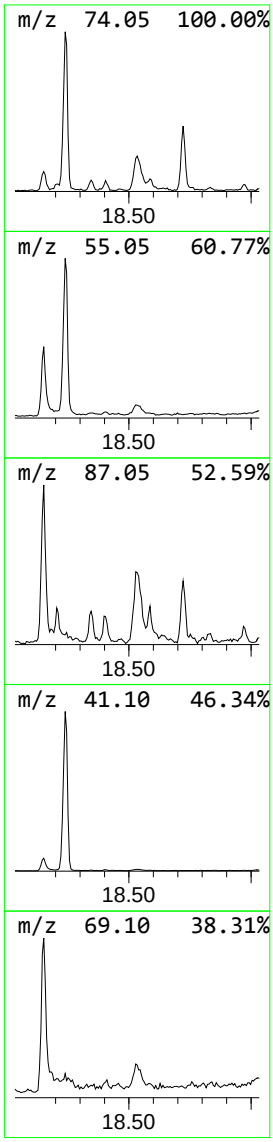
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Methyl 8-methyl-decanoate Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.534	2.67 ng/ul	137821	Phenanthrene-d10	17.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 8-methyl-decanoate	200	C12H24O2	1010336-49-1	76
2	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	60
3	Nonanoic acid, methyl ester	172	C10H20O2	001731-84-6	53
4	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	53
5	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110723\
Data File : BP017924.D
Acq On : 07 Nov 2023 10:25
Operator : MA/JU
Sample : 05168-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

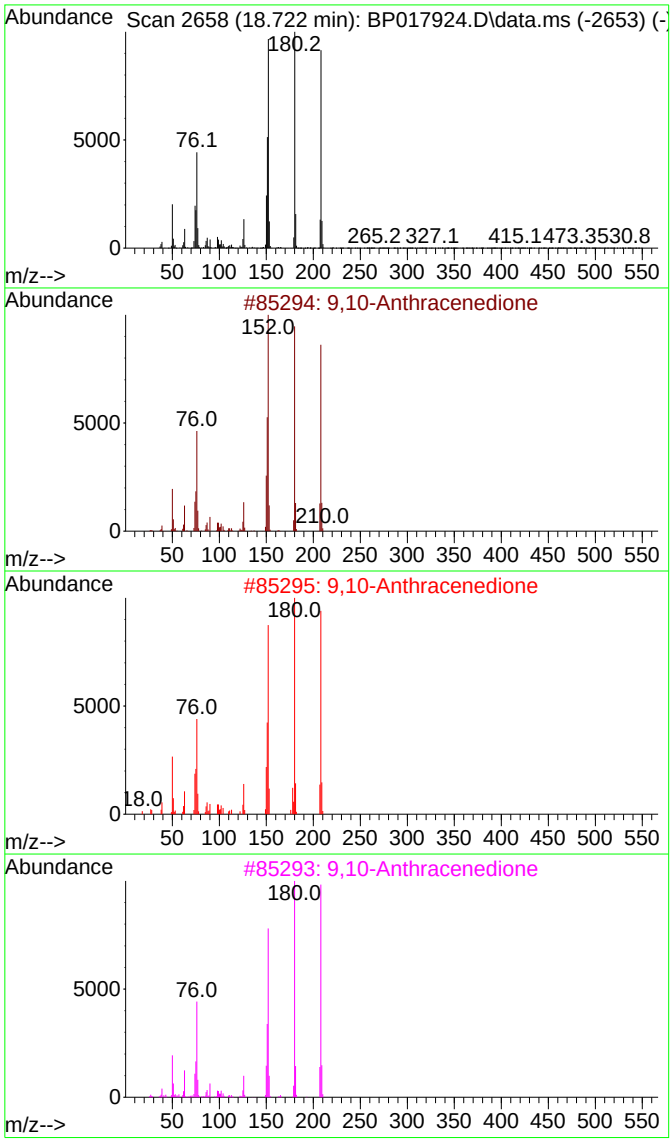
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110623.MA.M
Quant Title : SVOA CALIBRATION

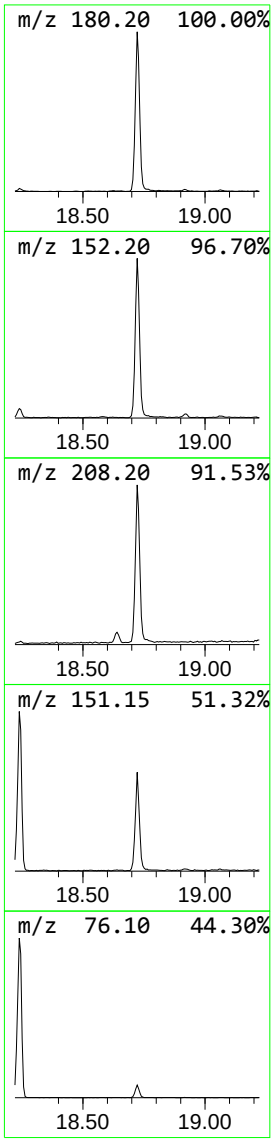
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 9,10-Anthracenedione Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.722	9.75 ng/ul	503835	Phenanthrene-d10	17.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
5	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110723\
Data File : BP017924.D
Acq On : 07 Nov 2023 10:25
Operator : MA/JU
Sample : 05168-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

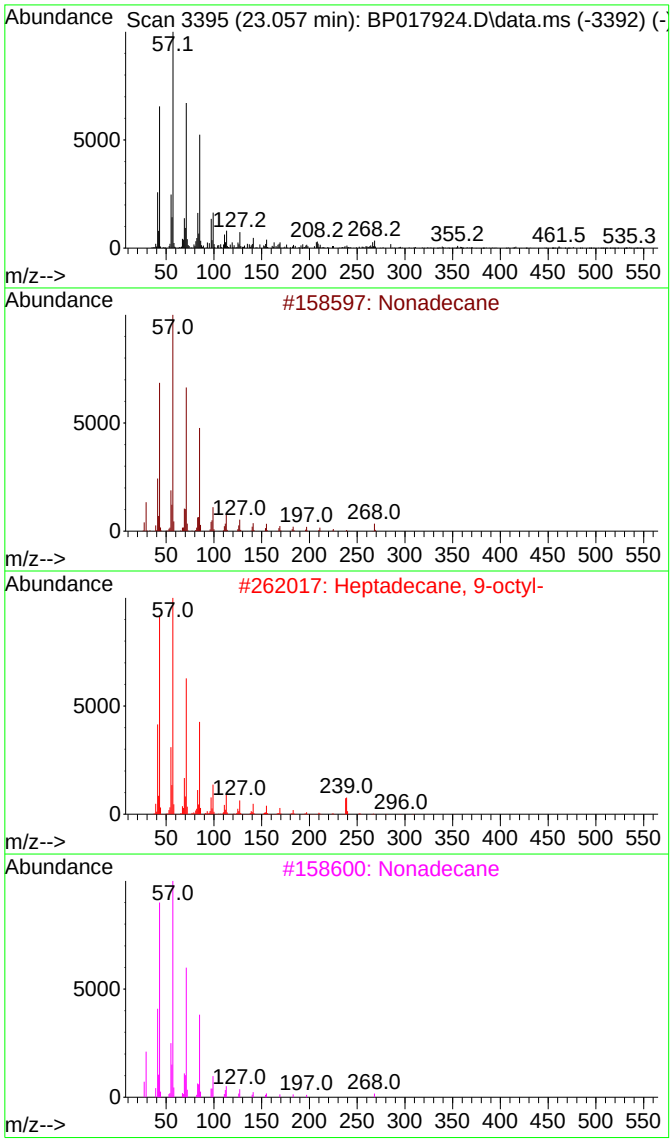
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110623.MA.M
Quant Title : SVOA CALIBRATION

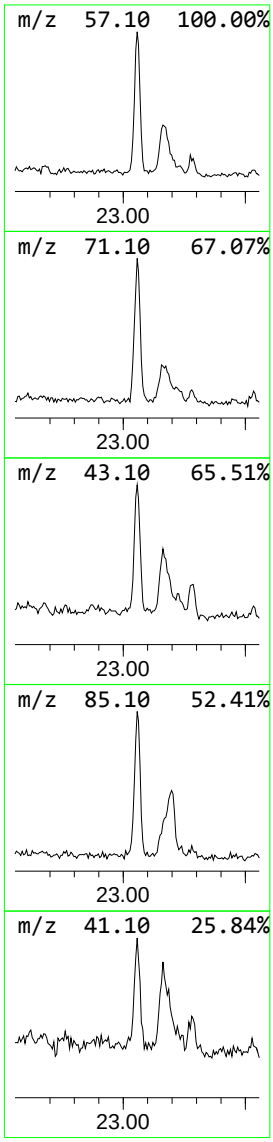
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.057	3.98 ng/ul	219785	Perylene-d12	23.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	98
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
3	Nonadecane	268	C19H40	000629-92-5	91
4	Hexacosane	366	C26H54	000630-01-3	87
5	Octacosane	394	C28H58	000630-02-4	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110723\
Data File : BP017924.D
Acq On : 07 Nov 2023 10:25
Operator : MA/JU
Sample : 05168-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110623.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
Benzene, 1,3-di...	7.728	78.0	ng/ul	1300060	1	7.852	333264	20.0
Benzene, 1,2-di...	8.199	219.3	ng/ul	3653730	1	7.852	333264	20.0
unknown-01	17.092	2.1	ng/ul	106421	4	17.304	1033980	20.0
Hexadecanoic ac...	17.922	5.3	ng/ul	274108	4	17.304	1033980	20.0
n-Hexadecanoic ...	18.151	12.0	ng/ul	618828	4	17.304	1033980	20.0
Methyl 8-methyl...	18.534	2.7	ng/ul	137821	4	17.304	1033980	20.0
9,10-Anthracene...	18.722	9.8	ng/ul	503835	4	17.304	1033980	20.0
(DEL) Alkane: S...	23.057	4.0	ng/ul	219785	6	23.910	1105550	20.0