LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121323\
Data File : BP018820.D
Acq On : 13 Dec 2023 23:45
Operator : MA/JU
Sample : 05627-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCLD0

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-BP120123.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP018820.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.258	26	29	40	rVB	65004	88087	0.24%	0.080%
2	3.358	42	46	52	rVB	33211	46722	0.13%	0.043%
3	3.681	97	101	115	rBV	296534	451924	1.23%	0.411%
4	5.340	377	383	388	rBV	57827	86716	0.24%	0.079%
5	5.470	399	405	416	rBV	150446	314338	0.86%	0.286%
6	5.840	461	468	473	rBV	103619	158834	0.43%	0.145%
7	7.005	658	666	672	rBV	238471	370354	1.01%	0.337%
8	7.169	685	694	702	rBV	955010	1487711	4.05%	1.354%
9	7.364	721	727	739	rBV	929708	1419989	3.87%	1.292%
10	7.481	739	747	752	rVB	26054	44181	0.12%	0.040%
11	7.834	799	807	814	rBV	949696	1479442	4.03%	1.346%
12	7.905	814	819	824	rVV	28503	44360	0.12%	0.040%
13	8.546	921	928	938	rBV	706443	1094515	2.98%	0.996%
14	8.993	998	1004	1014	rVB	1023212	1628431	4.43%	1.482%
15	9.552	1094	1099	1105	rVB5	24491	40244	0.11%	0.037%
16	9.716	1119	1127	1140	rBV	723646	1203262	3.28%	1.095%
17	10.252	1210	1218	1234	rBV	1229025	2037998	5.55%	1.854%
18	10.628	1272	1282	1290	rBV	1187564	1912424	5.21%	1.740%
19	10.769	1297	1306	1320	rBV	985940	1677560	4.57%	1.526%
20	11.281	1387	1393	1400	rVB	24927	44912	0.12%	0.041%
21	12.216	1546	1552	1557	rVB2	24980	38158	0.10%	0.035%
22	12.404	1575	1584	1594	rBV	111066	196977	0.54%	0.179%
23	13.369	1743	1748	1756	rBV3	27780	48245	0.13%	0.044%
24	13.881	1827	1835	1846	rBV	2534510	3484397	9.48%	3.170%
25	13.998	1850	1855	1862	rVB3	27539	42732	0.12%	0.039%
26	14.157	1872	1882	1892	rBV	2822008	4035943	10.99%	3.672%
27	14.463	1926	1934	1942	rBV	1758071	2536523	6.90%	2.308%
28	14.675	1964	1970	1983	rBV	184525	355362	0.97%	0.323%
29	15.457	2096	2103	2109	rBV	3883110	5451606	14.84%	4.960%
30	15.575	2117	2123	2135	rBV	1007035	1348416	3.67%	1.227%
31	15.698	2139	2144	2149	rVB4	24838	37424	0.10%	0.034%
32	16.616	2296	2300	2310	rVB5	31223	46874	0.13%	0.043%
33	17.034	2365	2371	2378	rBV	573702	844656	2.30%	0.769%
34	17.210	2395	2401	2408	rVV	2306818	3185728	8.67%	2.899%
35	17.310	2411	2418	2429	rBV	4625037	6323573	17.21%	5.754%
36	17.387	2429	2431	2439	rVB5	22708	37743	0.10%	0.034%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121323\
Data File : BP018820.D
Acq On : 13 Dec 2023 23:45
Operator : MA/JU
Sample : 05627-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCLD0

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-BP120123.MA.M
Title : SVOA CALIBRATION

37	17.504	2447	2451	2458	rVB	29593	44798	0.12%	0.041%
38	17.845	2505	2509	2513	rBV	77148	97159	0.26%	0.088%
39	17.981	2528	2532	2541	rBV7	31280	53020	0.14%	0.048%
40	18.104	2548	2553	2560	rBV	432391	635029	1.73%	0.578%
41	18.186	2560	2567	2572	rVV2	23111230	36738694	100.00%	33.427%
42	18.851	2676	2680	2690	rVB	107028	142855	0.39%	0.130%
43	19.128	2722	2727	2734	rBV2	77292	147663	0.40%	0.134%
44	19.198	2734	2739	2740	rBV	96690	128623	0.35%	0.117%
45	19.222	2740	2743	2753	rVB2	122003	203477	0.55%	0.185%
46	19.333	2756	2762	2770	rBV2	220835	403318	1.10%	0.367%
47	19.551	2791	2799	2804	rBV	6126861	8179341	22.26%	7.442%
48	20.163	2900	2903	2909	rBV	39579	51147	0.14%	0.047%
49	21.022	3045	3049	3057	rBV4	124796	227027	0.62%	0.207%
50	21.298	3091	3096	3102	rBV	3222840	4049342	11.02%	3.684%
51	22.527	3301	3305	3314	rVB	960986	1328274	3.62%	1.209%
52	23.510	3464	3472	3486	rVB2	4894591	9330416	25.40%	8.489%
53	23.663	3491	3498	3513	rVB	2289287	4500035	12.25%	4.094%

Sum of corrected areas: 109906579

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121323\
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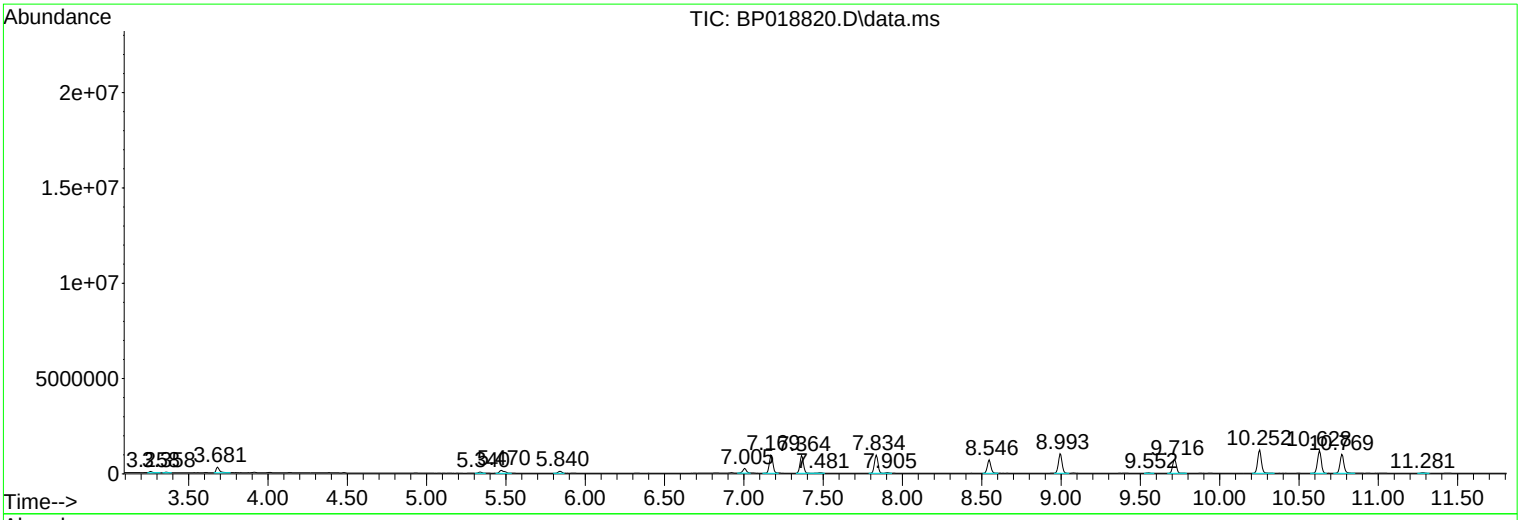
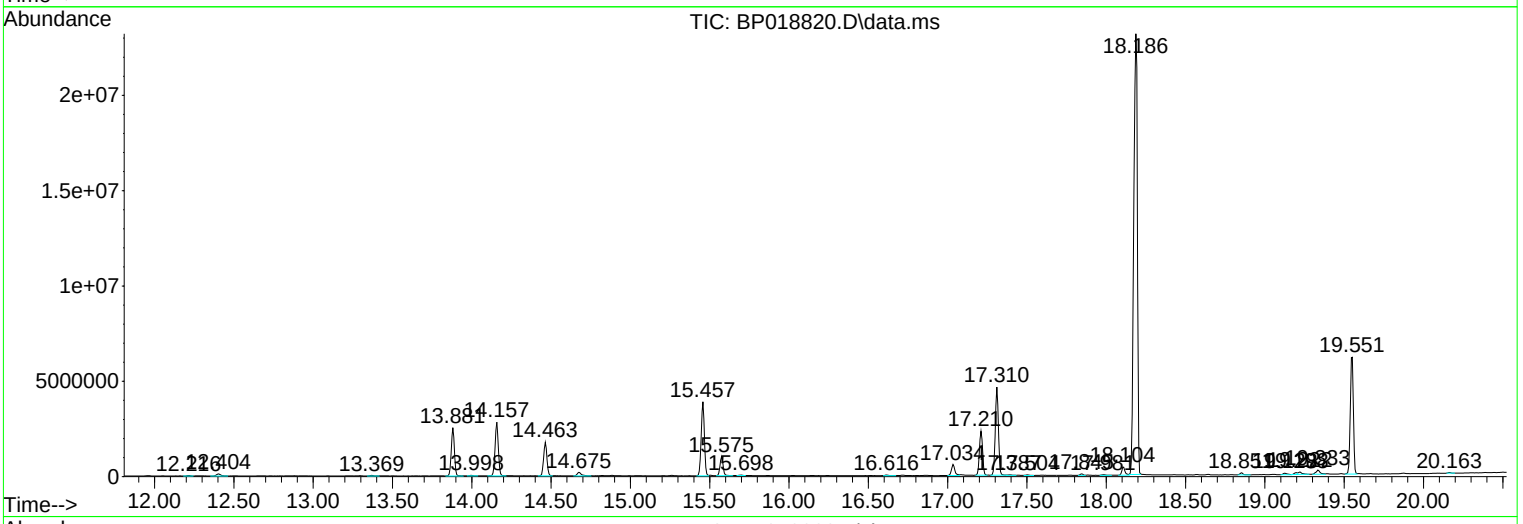
Acq On : 13 Dec 2023 23:45
Operator : MA/JU
Sample : 05627-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

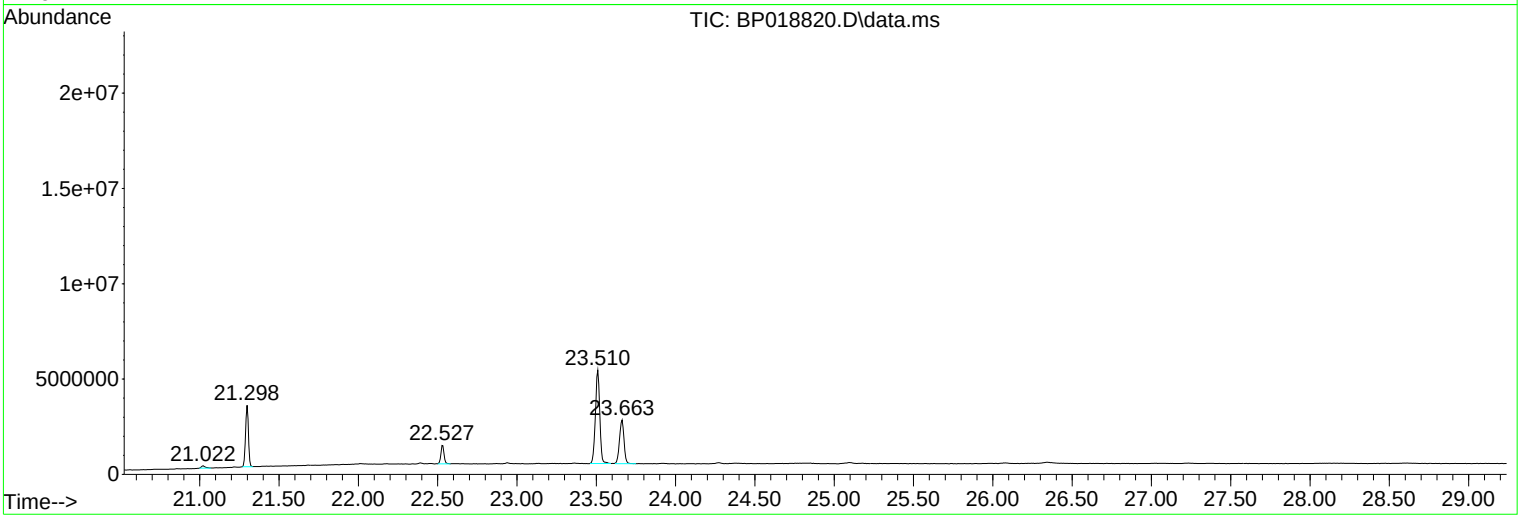
Instrument :
BNA_P
ClientSampleId :
DCLD0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.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\BP121323\
Data File : BP018820.D
Acq On : 13 Dec 2023 23:45
Operator : MA/JU
Sample : 05627-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCLD0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

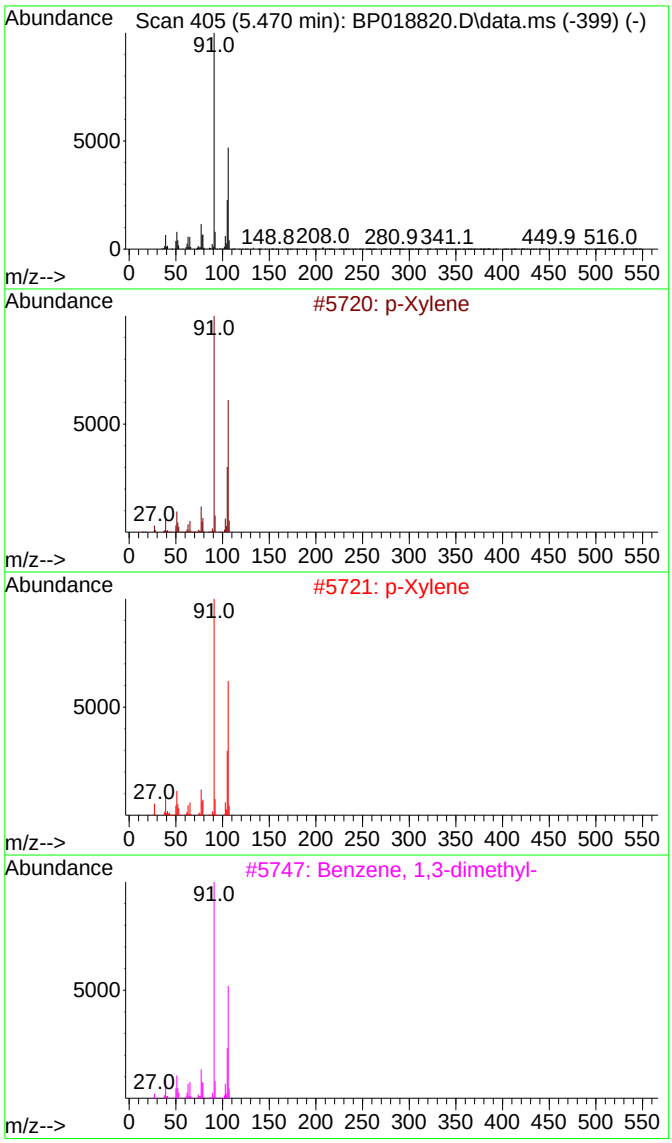
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

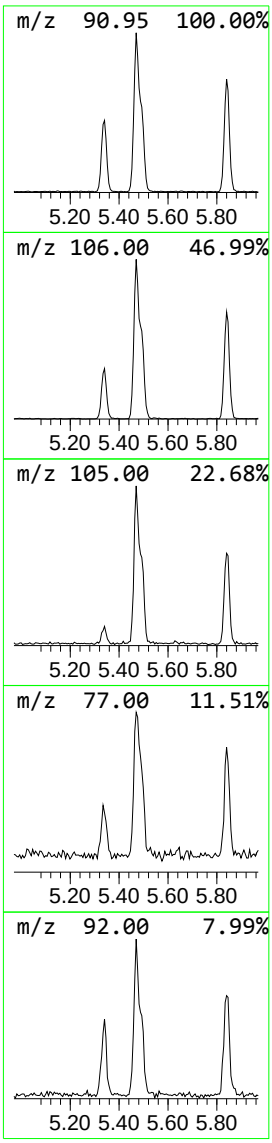
****

Peak Number 1 p-Xylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.470	4.25 ng/ul	314338	1,4-Dichlorobenzene-d4	7.834

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Xylene	106	C8H10	000106-42-3	95
2	p-Xylene	106	C8H10	000106-42-3	95
3	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	95
4	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	94
5	p-Xylene	106	C8H10	000106-42-3	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121323\
Data File : BP018820.D
Acq On : 13 Dec 2023 23:45
Operator : MA/JU
Sample : 05627-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCLD0

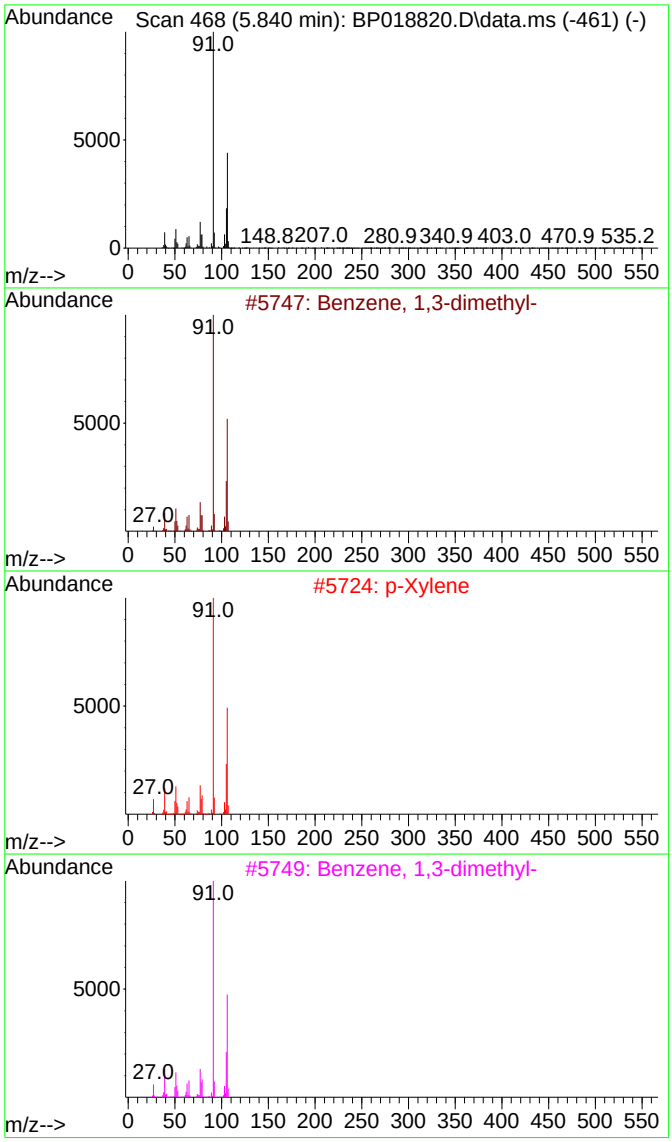
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

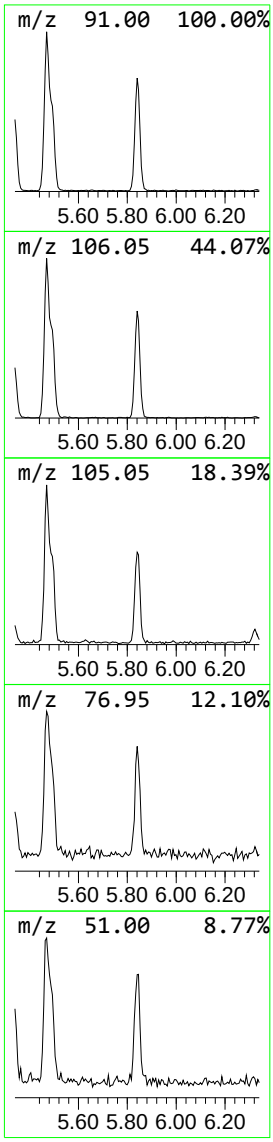
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, 1,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.840	2.15 ng/ul	158834	1,4-Dichlorobenzene-d4	7.834

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2	p-Xylene	106	C8H10	000106-42-3	97
3	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
4	p-Xylene	106	C8H10	000106-42-3	95
5	o-Xylene	106	C8H10	000095-47-6	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121323\
Data File : BP018820.D
Acq On : 13 Dec 2023 23:45
Operator : MA/JU
Sample : 05627-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCLD0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

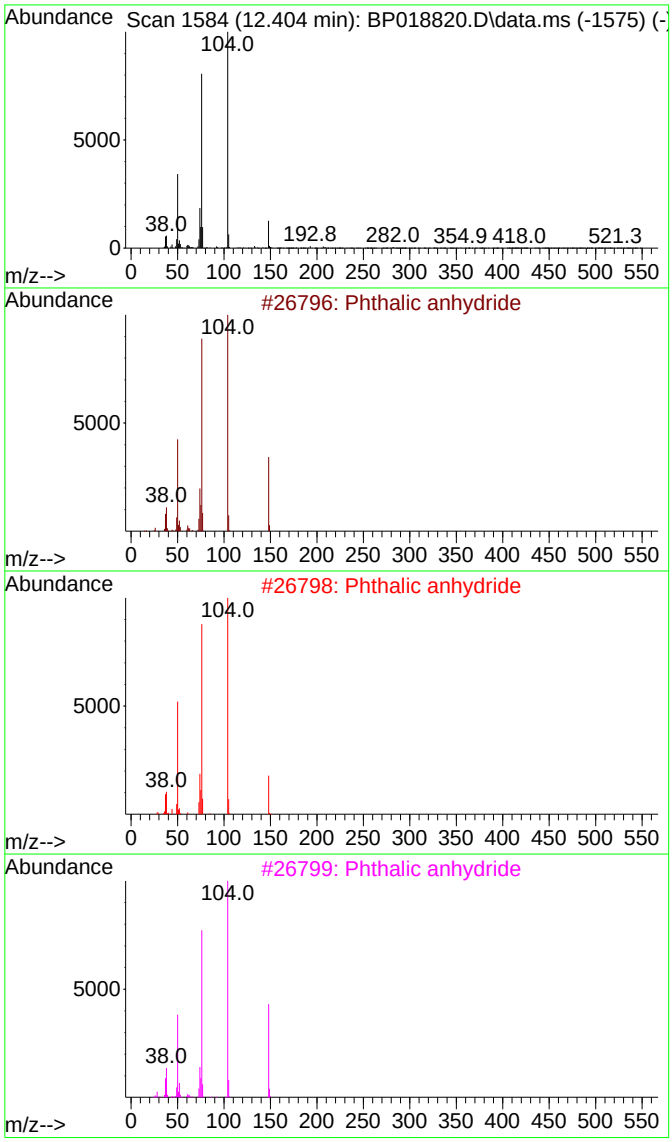
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

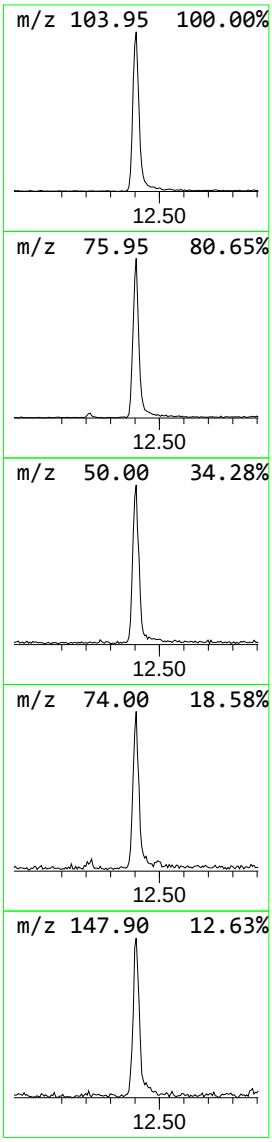
****

Peak Number 3 Phthalic anhydride Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.404	2.06 ng/ul	196977	Naphthalene-d8	10.628

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic anhydride	148	C8H4O3	000085-44-9	95
2	Phthalic anhydride	148	C8H4O3	000085-44-9	95
3	Phthalic anhydride	148	C8H4O3	000085-44-9	91
4	Ninhydrin	178	C9H6O4	000485-47-2	86
5	Indan-1,2,3-trione	160	C9H4O3	000938-24-9	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121323\
Data File : BP018820.D
Acq On : 13 Dec 2023 23:45
Operator : MA/JU
Sample : 05627-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCLD0

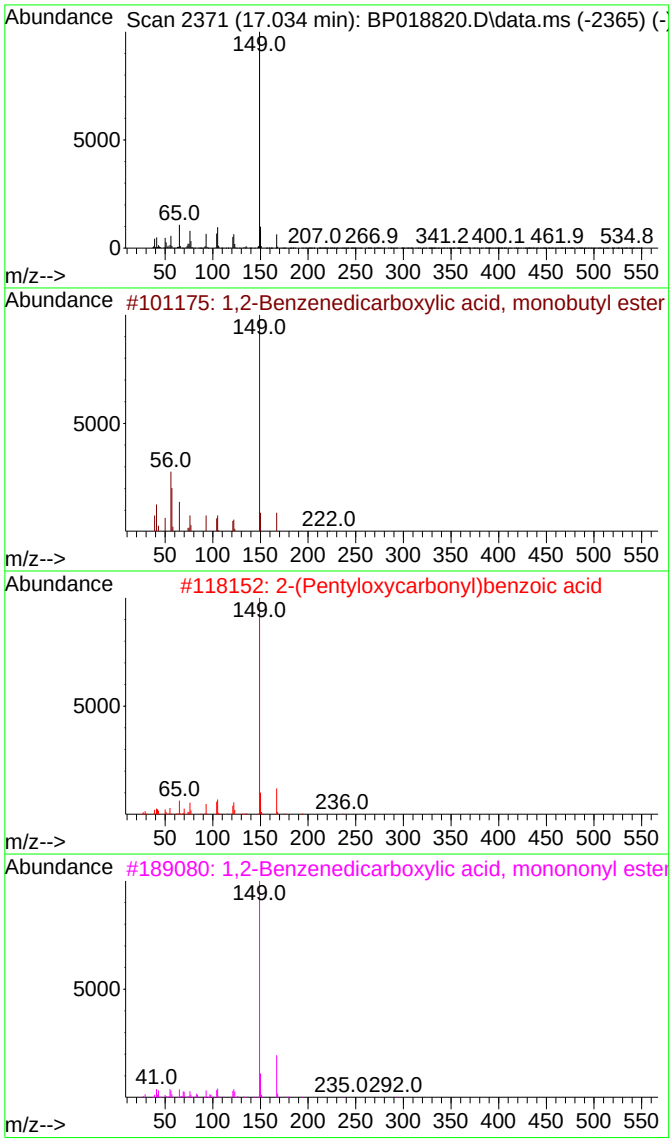
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

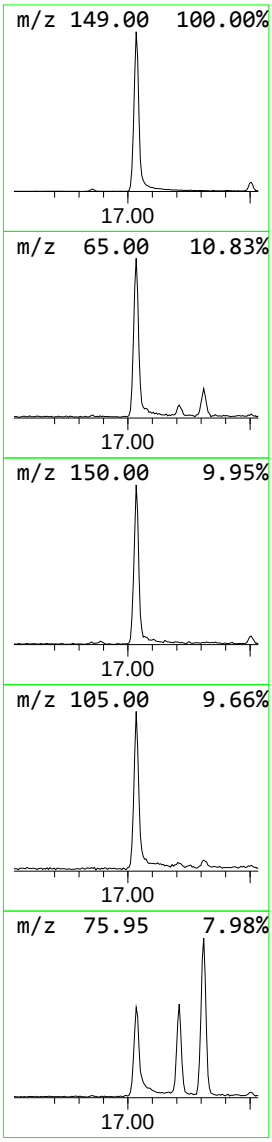
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1,2-Benzenedicarboxylic aci... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.034	5.30 ng/ul	844656	Phenanthrene-d10	17.210

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzenedicarboxylic acid, mo...	222	C12H14O4	000131-70-4	90
2	2-(Pentyloxycarbonyl)benzoic acid	236	C13H16O4	024539-56-8	83
3	1,2-Benzenedicarboxylic acid, mo...	292	C17H24O4	024539-59-1	83
4	1,2-Benzenedicarboxylic acid, mo...	222	C12H14O4	000131-70-4	83
5	1,2-Benzenedicarboxylic acid, bi...	250	C14H18O4	000605-45-8	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121323\
Data File : BP018820.D
Acq On : 13 Dec 2023 23:45
Operator : MA/JU
Sample : 05627-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCLD0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

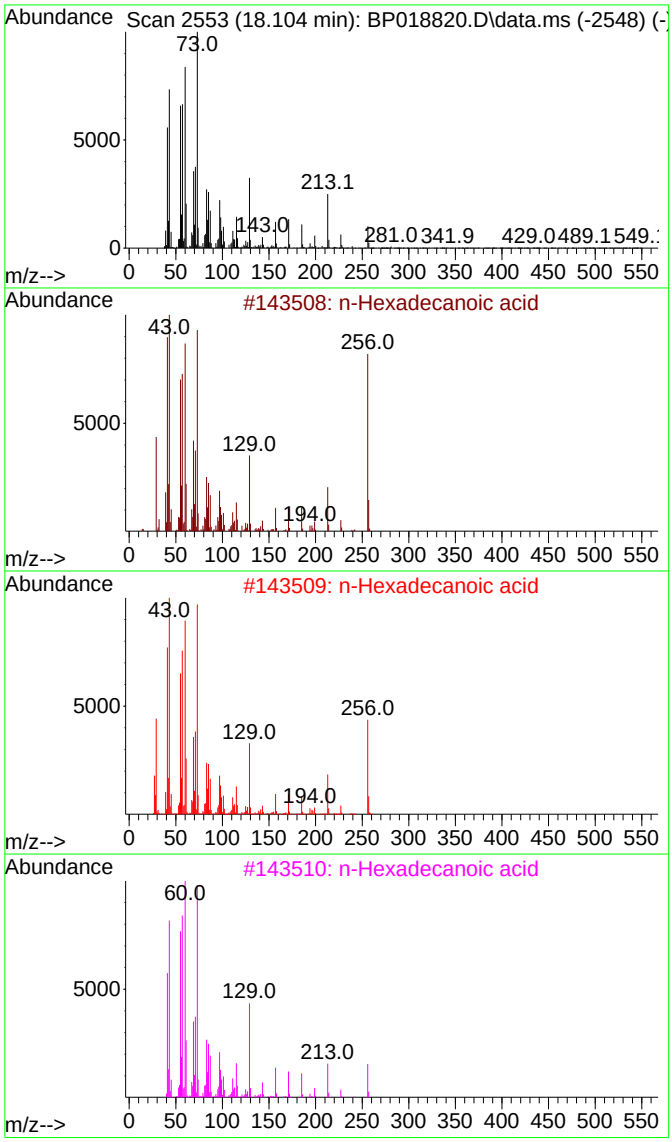
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

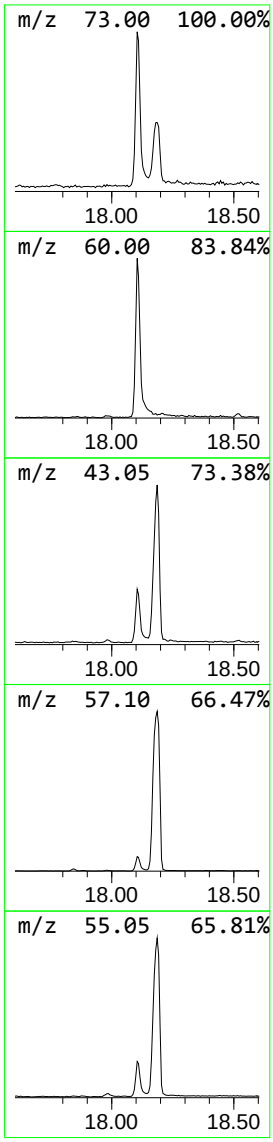
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.104	3.99 ng/ul	635029	Phenanthrene-d10	17.210

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	96
4	Tridecanoic acid	214	C13H26O2	000638-53-9	94
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121323\
Data File : BP018820.D
Acq On : 13 Dec 2023 23:45
Operator : MA/JU
Sample : 05627-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCLD0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

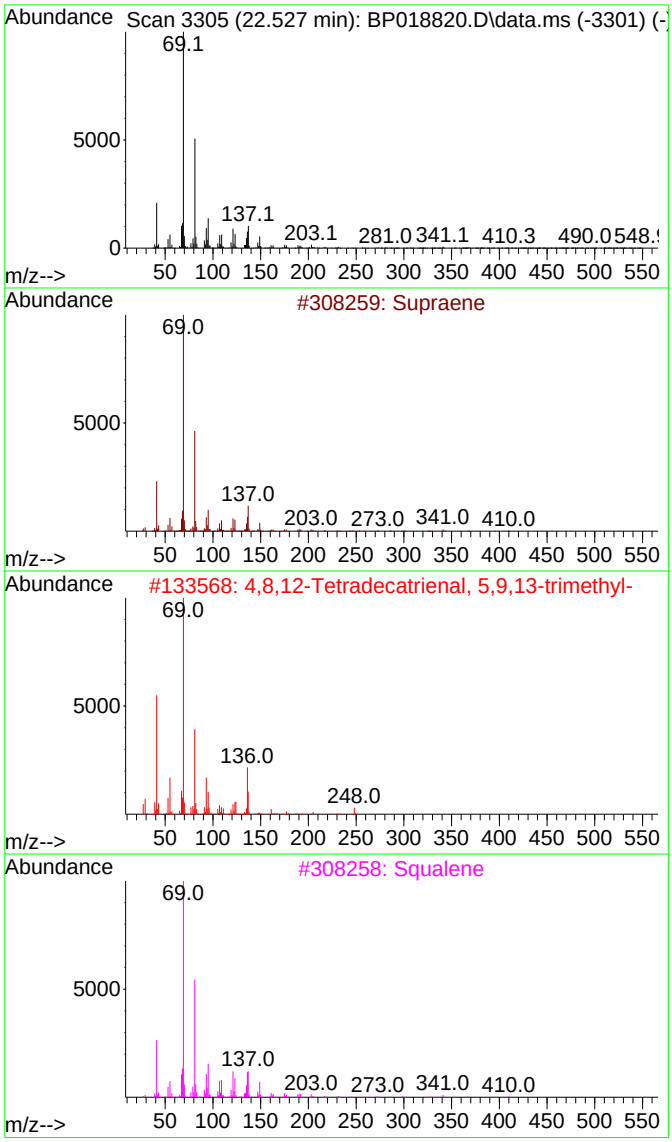
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

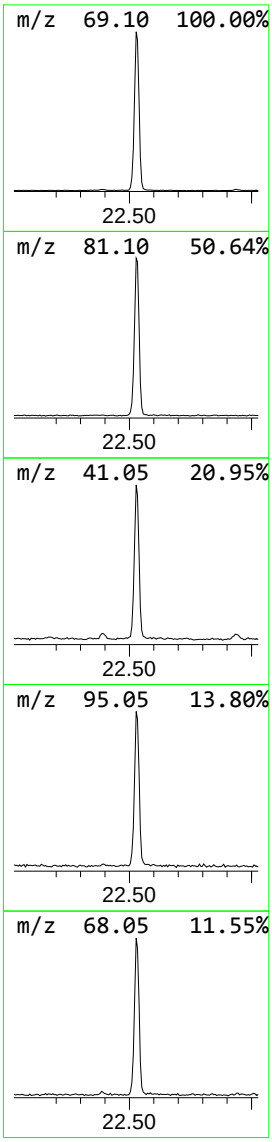
****

Peak Number 6 Supraene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.527	5.90 ng/ul	1328270	Perylene-d12	23.663

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene	410	C30H50	007683-64-9	91
2	4,8,12-Tetradecatrienal, 5,9,13-...	248	C17H28O	066408-55-7	86
3	Squalene	410	C30H50	000111-02-4	83
4	2,3,5-Trimethyl-2,3,5-hexanetric...	203	C12H17N3	003974-79-6	50
5	1,5-Heptadiene, 2,6-dimethyl-	124	C9H16	006709-39-3	47





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121323\
Data File : BP018820.D
Acq On : 13 Dec 2023 23:45
Operator : MA/JU
Sample : 05627-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCLD0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.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
p-Xylene	5.470	4.3	ng/ul	314338	1	7.834	1479440	20.0
Benzene, 1,3-di...	5.840	2.1	ng/ul	158834	1	7.834	1479440	20.0
Phthalic anhydride	12.404	2.1	ng/ul	196977	2	10.628	1912420	20.0
1,2-Benzenedica...	17.034	5.3	ng/ul	844656	4	17.210	3185730	20.0
n-Hexadecanoic ...	18.104	4.0	ng/ul	635029	4	17.210	3185730	20.0
Supraene	22.527	5.9	ng/ul	1328270	6	23.663	4500040	20.0