LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111423\
Data File : BP018156.D
Acq On : 14 Nov 2023 15:36
Operator : MA/JU
Sample : 05337-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : GCDH9

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-BP111023.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP018156.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.164	10	13	19	rVB	15093	18098	0.51%	0.062%
2	3.623	87	91	95	rBV2	28569	50535	1.43%	0.172%
3	3.899	136	138	141	rVB3	4140	3779	0.11%	0.013%
4	5.046	328	333	338	rVB8	3740	5083	0.14%	0.017%
5	6.746	619	622	630	rVB8	3528	5229	0.15%	0.018%
6	6.964	649	659	672	rBV2	60409	134598	3.80%	0.458%
7	7.140	682	689	700	rBV	313614	502779	14.20%	1.710%
8	7.311	711	718	729	rBV	296711	520066	14.69%	1.769%
9	7.787	792	799	814	rBV	355115	589950	16.67%	2.006%
10	8.516	917	923	937	rBV	194298	382093	10.80%	1.300%
11	8.993	996	1004	1022	rBV	383150	695695	19.66%	2.366%
12	9.169	1031	1034	1037	rVB3	6056	7569	0.21%	0.026%
13	9.705	1117	1125	1140	rBV	319738	603726	17.06%	2.053%
14	10.234	1208	1215	1232	rBV	361162	755382	21.34%	2.569%
15	10.605	1270	1278	1290	rBV	498228	814488	23.01%	2.770%
16	10.793	1303	1310	1336	rBV	226992	574185	16.22%	1.953%
17	11.410	1406	1415	1419	rBV7	8608	22732	0.64%	0.077%
18	11.499	1425	1430	1431	rBV4	2660	3694	0.10%	0.013%
19	11.657	1451	1457	1465	rVB7	6219	13150	0.37%	0.045%
20	12.228	1548	1554	1560	rBV8	5025	11153	0.32%	0.038%
21	13.040	1686	1692	1694	rBV7	2597	3775	0.11%	0.013%
22	13.304	1730	1737	1746	rBV	87823	146895	4.15%	0.500%
23	13.893	1831	1837	1853	rBV	1035785	1579564	44.63%	5.372%
24	14.163	1876	1883	1898	rBV	994459	1499865	42.37%	5.101%
25	14.469	1928	1935	1946	rBV	720153	1072932	30.31%	3.649%
26	14.704	1971	1975	1976	rBV3	3465	3835	0.11%	0.013%
27	14.775	1981	1987	2001	rBV4	20648	80431	2.27%	0.274%
28	15.110	2035	2044	2048	rBV	13476	21319	0.60%	0.073%
29	15.469	2098	2105	2113	rBV	1402094	1989500	56.21%	6.767%
30	15.628	2126	2132	2143	rBV	476506	738284	20.86%	2.511%
31	15.887	2172	2176	2179	rBV	16925	23584	0.67%	0.080%
32	15.928	2179	2183	2187	rVV	13199	17971	0.51%	0.061%
33	15.963	2187	2189	2194	rVB4	4066	6117	0.17%	0.021%
34	16.187	2223	2227	2235	rBV	37968	56514	1.60%	0.192%
35	16.281	2237	2243	2247	rVV	119425	165490	4.68%	0.563%
36	16.339	2247	2253	2259	rVV2	148223	312264	8.82%	1.062%

LSC Area Percent Report

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Data File : BP018156.D
Acq On : 14 Nov 2023 15:36
Operator : MA/JU
Sample : 05337-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCDH9

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-BP111023.MA.M
Title : SVOA CALIBRATION

37	16.404	2259	2264	2268	rVV2	122965	214979	6.07%	0.731%
38	16.445	2268	2271	2275	rVV	71946	99490	2.81%	0.338%
39	16.504	2275	2281	2283	rVV2	35373	68910	1.95%	0.234%
40	16.551	2287	2289	2293	rVV	36244	40417	1.14%	0.137%
41	16.604	2293	2298	2305	rVV4	84221	163754	4.63%	0.557%
42	16.675	2305	2310	2315	rVV	120984	181974	5.14%	0.619%
43	16.716	2315	2317	2319	rVV3	33920	40270	1.14%	0.137%
44	16.751	2319	2323	2329	rVB	52444	80584	2.28%	0.274%
45	16.887	2342	2346	2348	rBV5	3838	6245	0.18%	0.021%
46	16.922	2348	2352	2356	rVV7	6770	10434	0.29%	0.035%
47	17.004	2364	2366	2371	rVB5	6247	6138	0.17%	0.021%
48	17.045	2371	2373	2377	rVB5	4233	4625	0.13%	0.016%
49	17.081	2377	2379	2381	rBV3	3526	3971	0.11%	0.014%
50	17.192	2394	2398	2400	rBV4	6290	8838	0.25%	0.030%
51	17.245	2400	2407	2418	rVV	989439	1380130	38.99%	4.694%
52	17.351	2418	2425	2432	rBV	1674519	2395623	67.68%	8.148%
53	17.410	2433	2435	2441	rVB	21872	30100	0.85%	0.102%
54	17.498	2447	2450	2451	rBV3	7023	6498	0.18%	0.022%
55	17.528	2451	2455	2459	rVV	44361	58655	1.66%	0.199%
56	17.586	2459	2465	2468	rVV2	67771	99502	2.81%	0.338%
57	17.616	2468	2470	2475	rVV2	38769	55693	1.57%	0.189%
58	17.675	2475	2480	2484	rVV	65513	87108	2.46%	0.296%
59	17.716	2484	2487	2490	rVV2	14403	18864	0.53%	0.064%
60	17.757	2490	2494	2497	rVB2	31110	37928	1.07%	0.129%
61	17.804	2497	2502	2504	rBV	40511	54804	1.55%	0.186%
62	17.834	2504	2507	2510	rVV2	19612	22877	0.65%	0.078%
63	17.881	2510	2515	2518	rVV2	94083	135199	3.82%	0.460%
64	17.910	2518	2520	2523	rVV	65838	74009	2.09%	0.252%
65	17.963	2527	2529	2537	rVB2	27194	36186	1.02%	0.123%
66	18.104	2548	2553	2558	rBV5	19823	33731	0.95%	0.115%
67	18.192	2564	2568	2572	rBV2	11849	17555	0.50%	0.060%
68	18.310	2586	2588	2593	rVB4	9362	12301	0.35%	0.042%
69	18.498	2618	2620	2625	rBV6	4122	6678	0.19%	0.023%
70	19.175	2732	2735	2739	rBV4	23310	30645	0.87%	0.104%
71	19.233	2741	2745	2746	rBV3	30045	31870	0.90%	0.108%
72	19.345	2762	2764	2772	rVB8	10272	12081	0.34%	0.041%
73	19.480	2785	2787	2792	rVB6	13922	13888	0.39%	0.047%
74	19.604	2803	2808	2818	rBV	2378235	3143636	88.82%	10.692%
75	21.380	3105	3110	3118	rBV	1231903	1633380	46.15%	5.555%
76	23.010	3385	3387	3394	rVB	100107	150808	4.26%	0.513%

LSC Area Percent Report

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Operator : MA/JU
Sample : 05337-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
GCDH9

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

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Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
Title : SVOA CALIBRATION

77	23.686	3494	3502	3511	rVB	1702144	3539509	100.00%	12.038%
78	23.851	3523	3530	3540	rVB	787967	1690409	47.76%	5.749%
79	24.427	3623	3628	3634	rVB2	108007	229365	6.48%	0.780%

Sum of corrected areas: 29401985

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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
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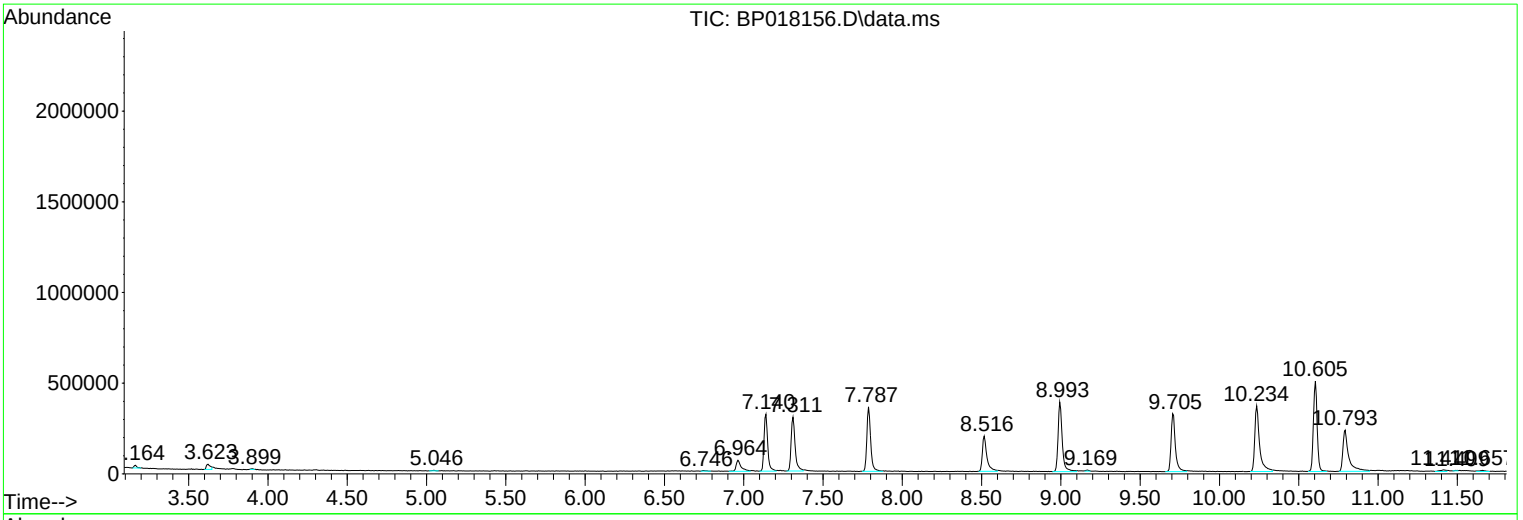
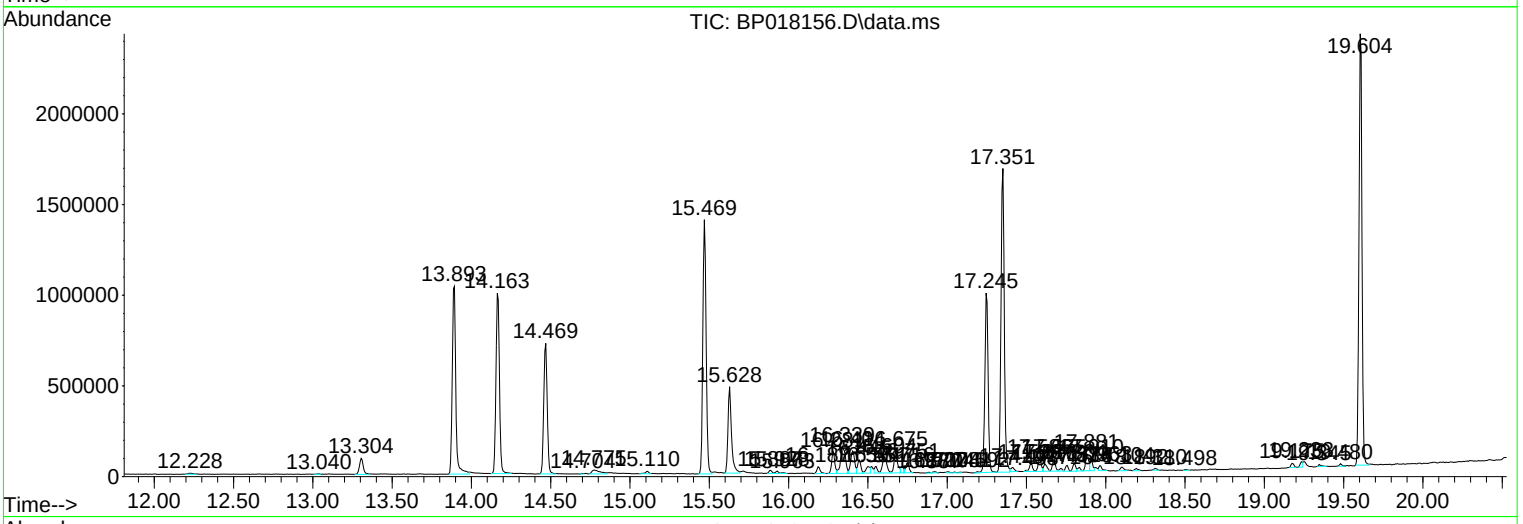
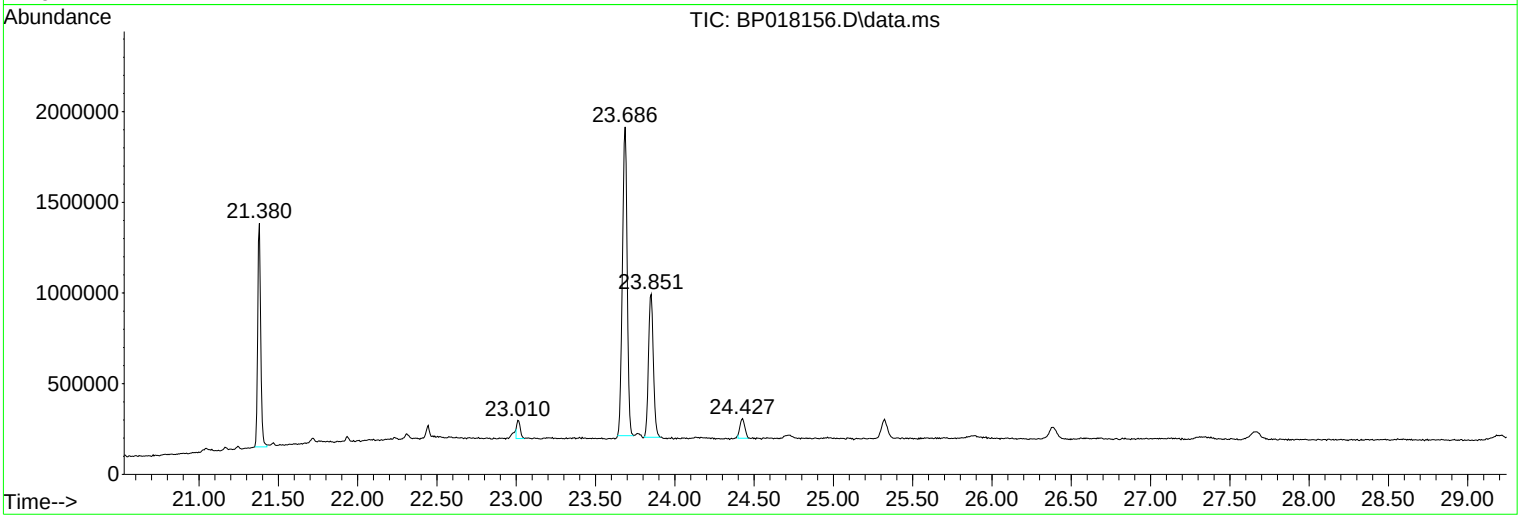
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
Quant Title : SVOA CALIBRATION

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







Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111423\
Data File : BP018156.D
Acq On : 14 Nov 2023 15:36
Operator : MA/JU
Sample : 05337-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCDH9

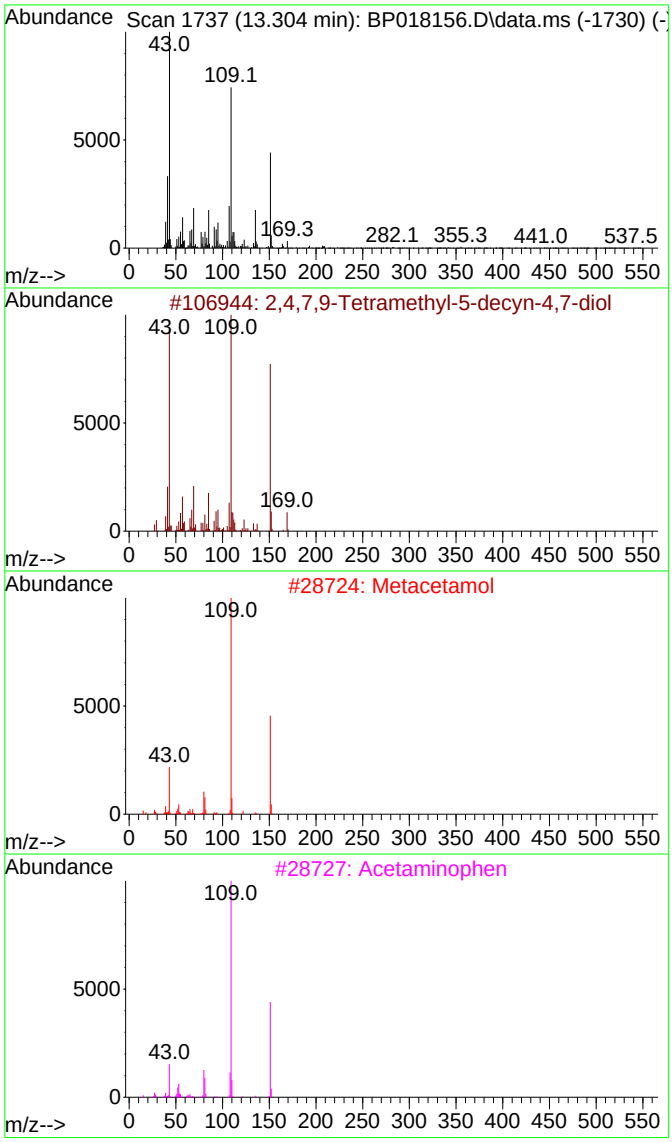
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
Quant Title : SVOA CALIBRATION

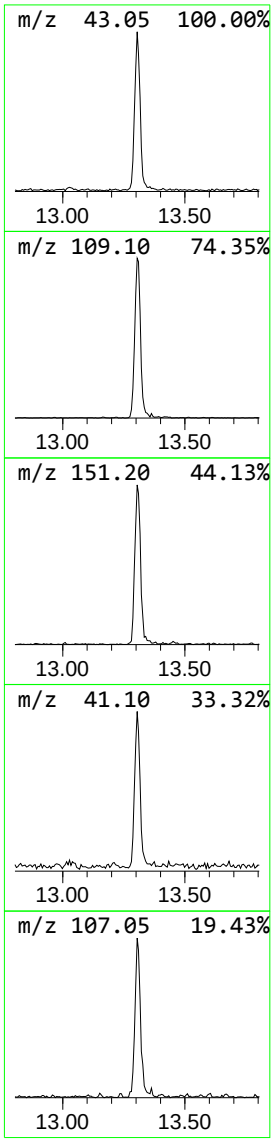
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.304	2.74 ng/ul	146895	Acenaphthene-d10	14.469

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	72
2	Metacetamol	151	C8H9NO2	000621-42-1	58
3	Acetaminophen	151	C8H9NO2	000103-90-2	52
4	Diacetamate	193	C10H11NO3	002623-33-8	50
5	Metacetamol	151	C8H9NO2	000621-42-1	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111423\
Data File : BP018156.D
Acq On : 14 Nov 2023 15:36
Operator : MA/JU
Sample : 05337-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCDH9

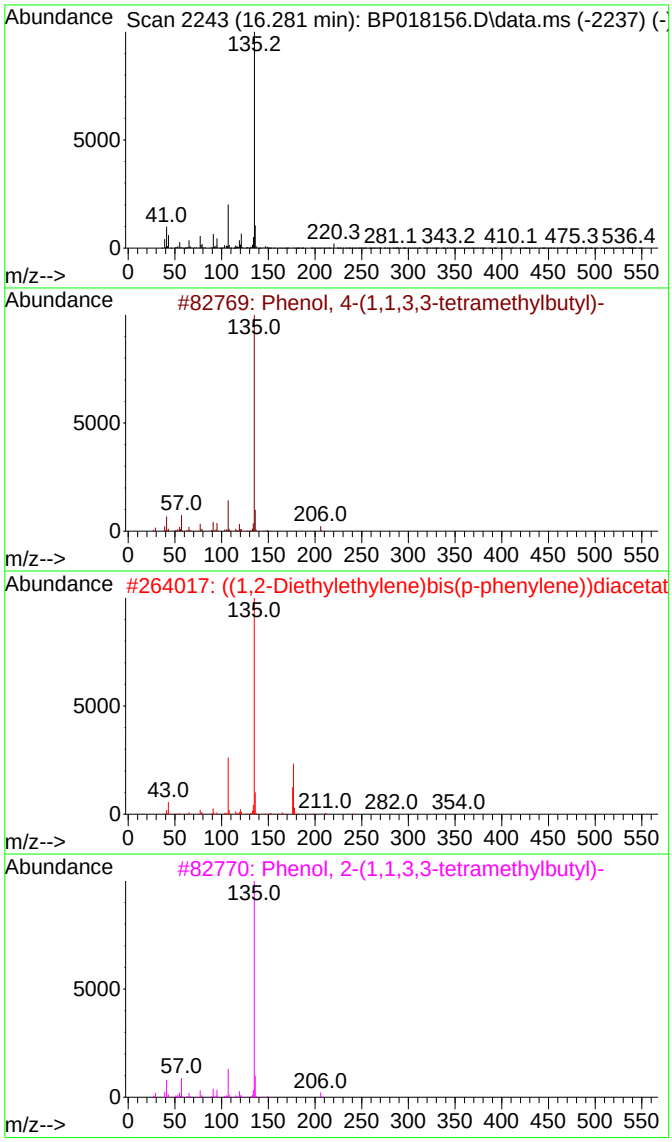
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
Quant Title : SVOA CALIBRATION

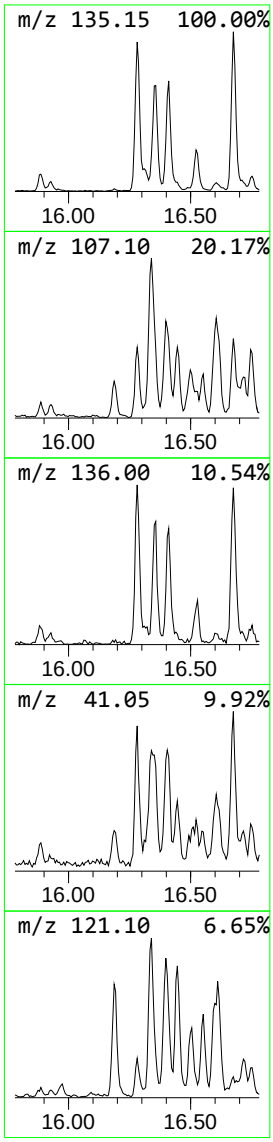
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Phenol, 4-(1,1,3,3-tetramet... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.281	2.40 ng/ul	165490	Phenanthrene-d10	17.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	86
2	((1,2-Diethylethylene)bis(p-phen...	354	C22H26O4	004547-76-6	72
3	Phenol, 2-(1,1,3,3-tetramethylbu...	206	C14H22O	003884-95-5	72
4	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	72
5	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	64





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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
Quant Title : SVOA CALIBRATION

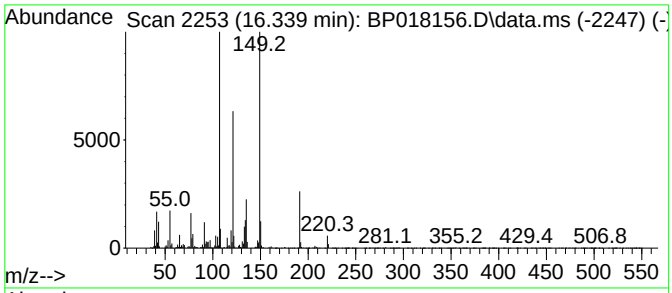
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

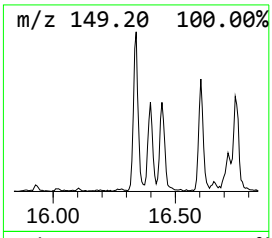
****

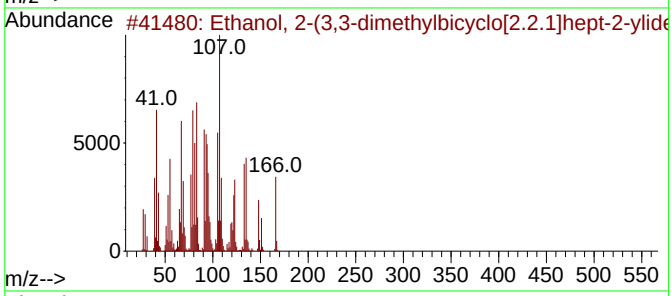
Peak Number 3 unknown-01 Concentration Rank 1

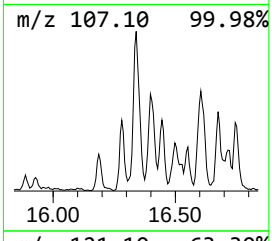
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.340	4.53 ng/ul	312264	Phenanthrene-d10	17.245

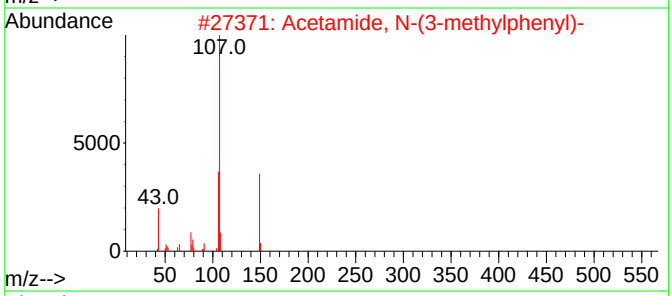
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(3,3-dimethylbicyclo[...	166	C11H18O	002226-05-3	42
2	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	38
3	Pyridine-3-carbonitrile, 1,2-dih...	191	C9H9N3O2	220098-92-0	38
4	Acetamide, N-(4-methylphenyl)-	149	C9H11NO	000103-89-9	38
5	5H-Pyrrolo(3,2-d)pyrimidine-2,4-...	149	C6H7N5	1000244-21-4	35

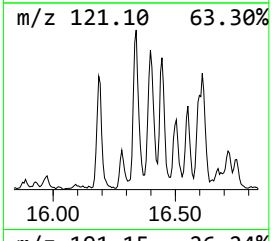


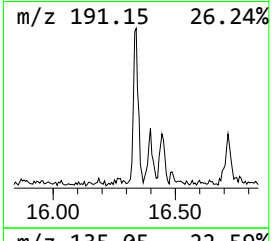


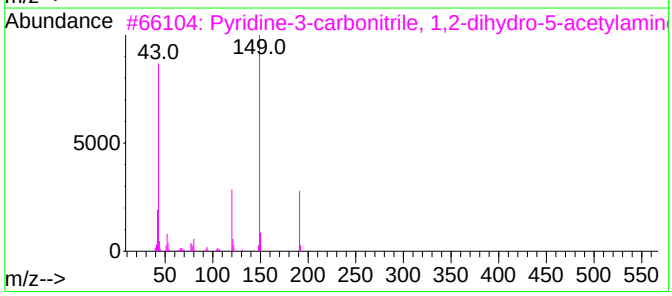


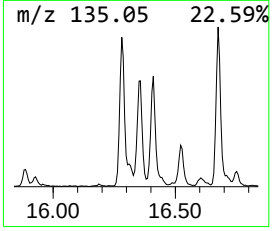












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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
Quant Title : SVOA CALIBRATION

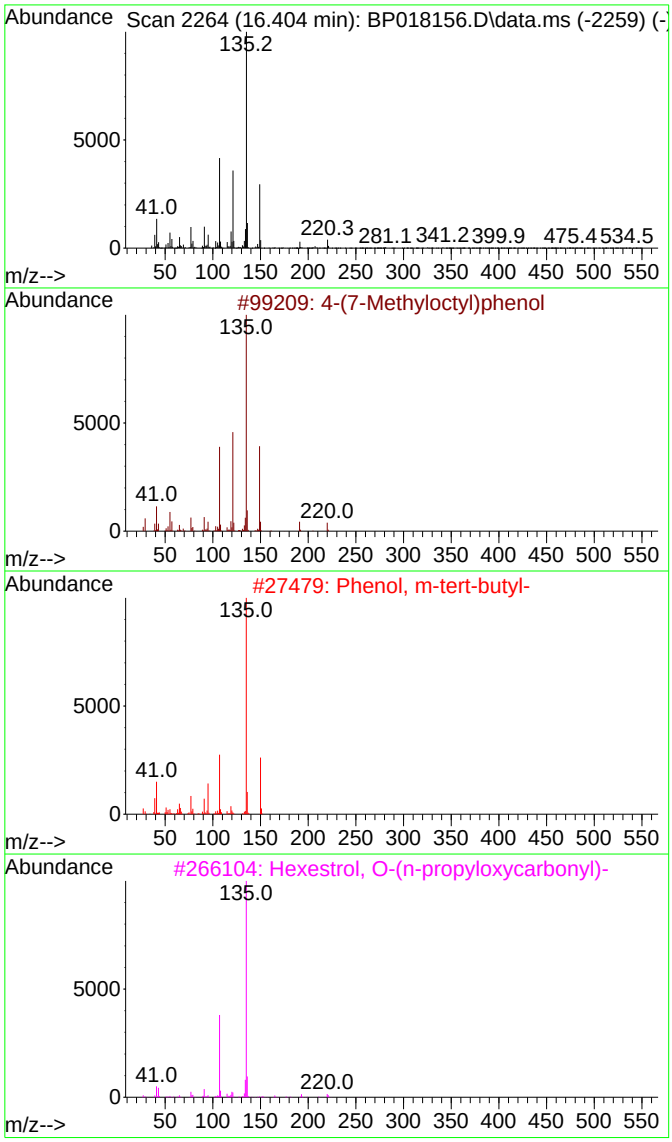
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

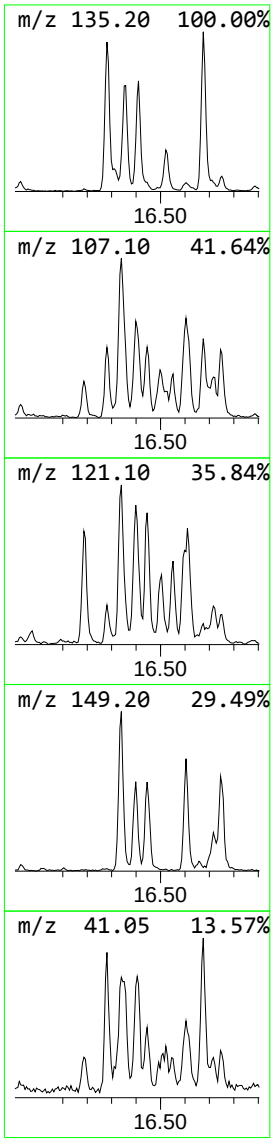
****

Peak Number 4 4-(7-Methyloctyl)phenol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.404	3.12 ng/ul	214979	Phenanthrene-d10	17.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(7-Methyloctyl)phenol	220	C15H24O	024518-48-7	96
2	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	74
3	Hexestrol, O-(n-propyloxycarbonyl)-	356	C22H28O4	1000487-65-1	64
4	meso-Hexestrol, O,O'-bis(n-propy...	442	C26H34O6	1000487-65-0	64
5	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	64





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Data File : BP018156.D
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Sample : 05337-04
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BNA_P
ClientSampleId :
GCDH9

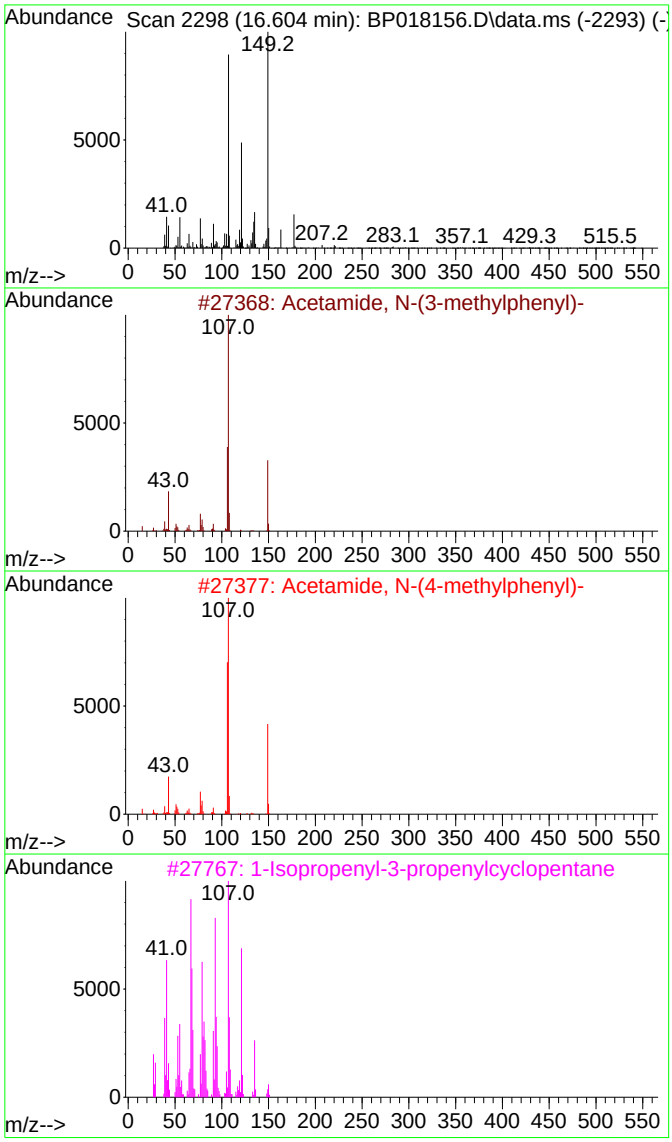
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
Quant Title : SVOA CALIBRATION

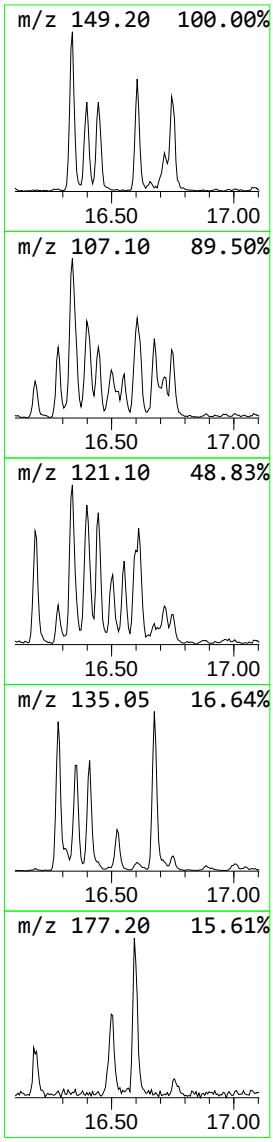
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Acetamide, N-(3-methylphenyl)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.604	2.37 ng/ul	163754	Phenanthrene-d10	17.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	64
2	Acetamide, N-(4-methylphenyl)-	149	C9H11NO	000103-89-9	53
3	1-Isopropenyl-3-propenylcyclopen...	150	C11H18	1000192-81-2	38
4	Phenol, 2-methyl-4-(1,1,3,3-tetr...	220	C15H24O	002219-84-3	38
5	3',4'-Formoxylidide	149	C9H11NO	006639-60-7	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111423\
Data File : BP018156.D
Acq On : 14 Nov 2023 15:36
Operator : MA/JU
Sample : 05337-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCDH9

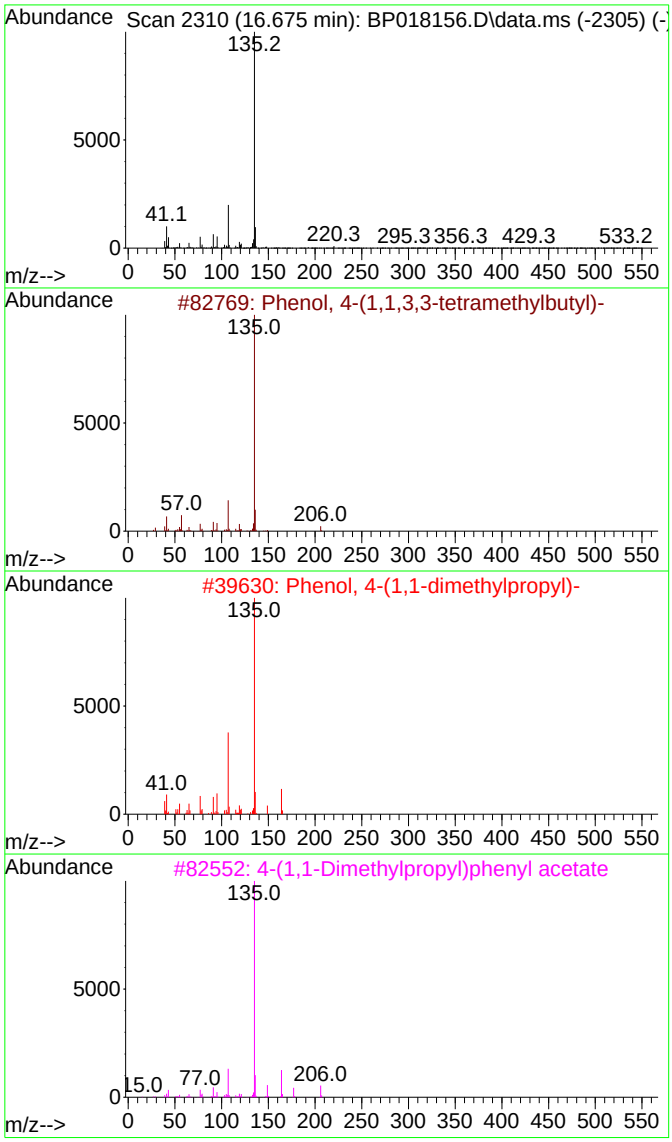
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
Quant Title : SVOA CALIBRATION

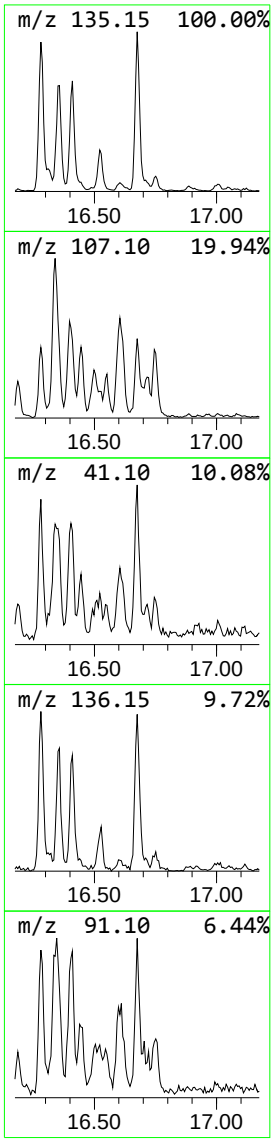
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Phenol, 4-(1,1-dimethylprop... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.675	2.64 ng/ul	181974	Phenanthrene-d10	17.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	87
2	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	83
3	4-(1,1-Dimethylpropyl)phenyl ace...	206	C13H18O2	1000373-45-3	83
4	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	83
5	2-tert-Butylphenol, O-isopropylo...	236	C14H20O3	1000487-38-4	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111423\
Data File : BP018156.D
Acq On : 14 Nov 2023 15:36
Operator : MA/JU
Sample : 05337-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCDH9

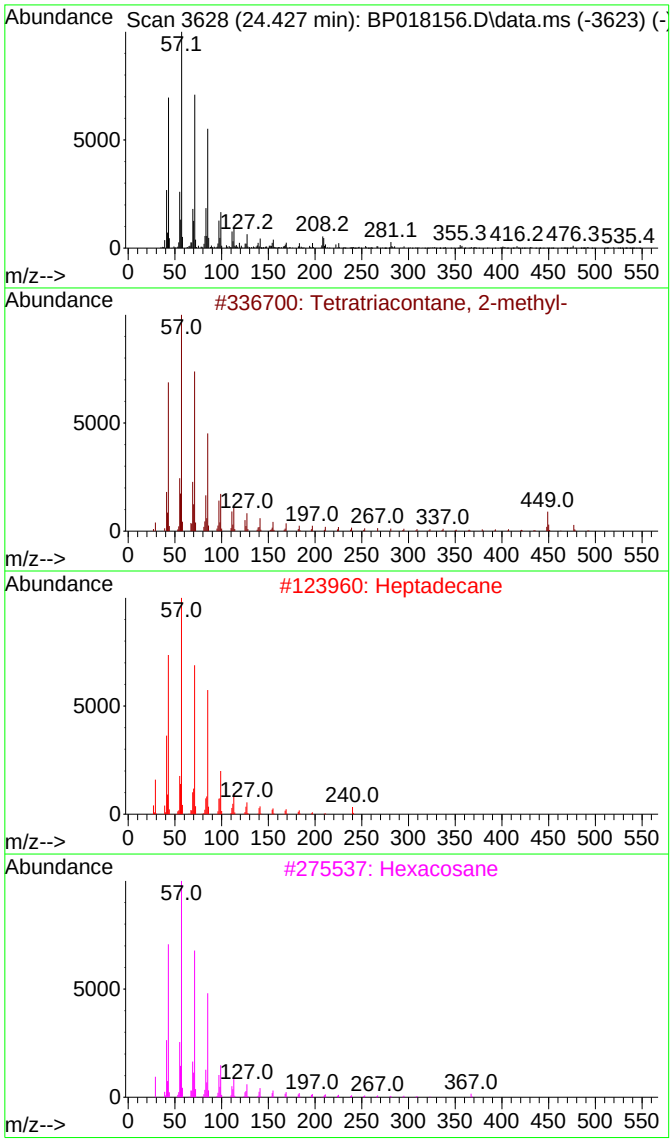
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
Quant Title : SVOA CALIBRATION

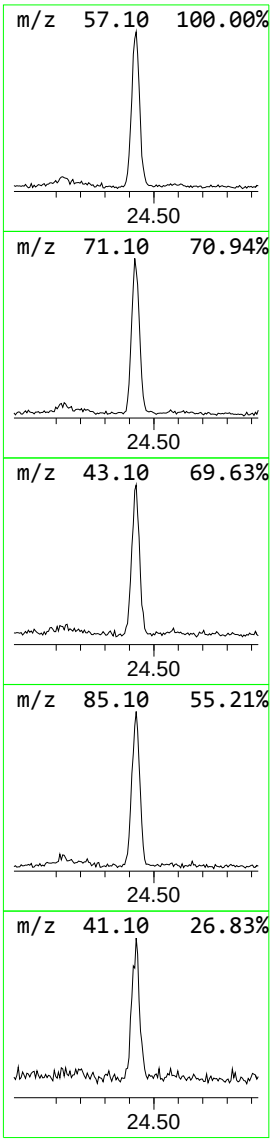
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.427	2.71 ng/ul	229365	Perylene-d12	23.851

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratriacontane, 2-methyl-	493	C35H72	014167-65-8	93
2	Heptadecane	240	C17H36	000629-78-7	93
3	Hexacosane	366	C26H54	000630-01-3	90
4	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	87
5	Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111423\
Data File : BP018156.D
Acq On : 14 Nov 2023 15:36
Operator : MA/JU
Sample : 05337-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCDH9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.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
2,4,7,9-Tetrame...	13.304	2.7	ng/ul	146895	3	14.469	1072930	20.0
Phenol, 4-(1,1,...	16.281	2.4	ng/ul	165490	4	17.245	1380130	20.0
unknown-01	16.340	4.5	ng/ul	312264	4	17.245	1380130	20.0
4-(7-Methylocty...	16.404	3.1	ng/ul	214979	4	17.245	1380130	20.0
Acetamide, N-(3...	16.604	2.4	ng/ul	163754	4	17.245	1380130	20.0
Phenol, 4-(1,1-...	16.675	2.6	ng/ul	181974	4	17.245	1380130	20.0
(DEL) Alkane: S...	24.427	2.7	ng/ul	229365	6	23.851	1690410	20.0