LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111723\
Data File : BP018255.D
Acq On : 18 Nov 2023 11:33
Operator : MA/JU
Sample : 05370-07
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCDQ3

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: BP018255.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.158	9	12	16	rVB	16638	18531	0.95%	0.112%
2	3.599	85	87	100	rBV	55831	112970	5.78%	0.680%
3	3.775	112	117	121	rVB4	5248	6114	0.31%	0.037%
4	3.899	136	138	142	rVB5	2797	2957	0.15%	0.018%
5	4.211	188	191	194	rBV5	1758	2628	0.13%	0.016%
6	4.946	314	316	321	rBV6	1689	2058	0.11%	0.012%
7	5.246	365	367	369	rVB2	3037	2394	0.12%	0.014%
8	6.558	585	590	591	rBV5	1519	2321	0.12%	0.014%
9	6.781	626	628	632	rVB5	1755	2214	0.11%	0.013%
10	6.963	654	659	674	rBV	30569	77840	3.98%	0.469%
11	7.128	681	687	699	rBV	187512	312371	15.98%	1.881%
12	7.305	711	717	737	rBV	185949	371905	19.02%	2.240%
13	7.587	762	765	768	rVB5	1764	2151	0.11%	0.013%
14	7.781	792	798	813	rBV	160450	296711	15.18%	1.787%
15	8.269	878	881	885	rBV6	1204	2185	0.11%	0.013%
16	8.510	916	922	937	rBV2	118960	261415	13.37%	1.574%
17	8.816	972	974	979	rVB6	1499	2248	0.11%	0.014%
18	8.987	993	1003	1018	rBV	236442	455204	23.29%	2.741%
19	9.157	1031	1032	1037	rVB5	1805	2015	0.10%	0.012%
20	9.263	1048	1050	1056	rVB7	1465	2439	0.12%	0.015%
21	9.699	1115	1124	1141	rBV	197445	406768	20.81%	2.450%
22	9.869	1149	1153	1157	rVB7	1470	2215	0.11%	0.013%
23	10.228	1208	1214	1238	rBV	209641	523399	26.77%	3.152%
24	10.593	1269	1276	1293	rVV	234334	402304	20.58%	2.423%
25	10.781	1302	1308	1328	rBV	178797	459437	23.50%	2.767%
26	11.628	1445	1452	1453	rBV7	2076	3429	0.18%	0.021%
27	12.251	1552	1558	1564	rBV7	3115	8237	0.42%	0.050%
28	13.298	1726	1736	1744	rBV3	47534	86788	4.44%	0.523%
29	13.669	1794	1799	1800	rBV5	1510	2245	0.11%	0.014%
30	13.757	1811	1814	1818	rVB6	1788	2615	0.13%	0.016%
31	13.881	1827	1835	1847	rBV	582869	893561	45.71%	5.381%
32	14.157	1874	1882	1893	rBV	639756	944982	48.34%	5.691%
33	14.228	1893	1894	1898	rVV4	4082	5270	0.27%	0.032%
34	14.287	1902	1904	1908	rVB5	1715	2173	0.11%	0.013%
35	14.457	1925	1933	1947	rVV	329554	497673	25.46%	2.997%
36	14.816	1989	1994	1995	rBV4	6471	8495	0.43%	0.051%

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111723\
Data File : BP018255.D
Acq On : 18 Nov 2023 11:33
Operator : MA/JU
Sample : 05370-07
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCDQ3

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	15.086	2036	2040	2042	rBV5	1481	2559	0.13%	0.015%
38	15.463	2095	2104	2113	rBV	818939	1229105	62.88%	7.402%
39	15.628	2126	2132	2145	rBV	235075	429754	21.98%	2.588%
40	15.798	2159	2161	2167	rVB7	2026	2777	0.14%	0.017%
41	15.881	2170	2175	2178	rBV	13877	19623	1.00%	0.118%
42	15.922	2178	2182	2187	rVV4	9561	16173	0.83%	0.097%
43	15.963	2187	2189	2194	rVB6	3593	4278	0.22%	0.026%
44	16.098	2206	2212	2213	rBV6	1863	3694	0.19%	0.022%
45	16.181	2221	2226	2231	rBV	29623	39779	2.03%	0.240%
46	16.275	2236	2242	2246	rVV	92143	127099	6.50%	0.765%
47	16.333	2246	2252	2258	rVV3	108800	219289	11.22%	1.321%
48	16.398	2258	2263	2267	rVV2	89066	157536	8.06%	0.949%
49	16.439	2267	2270	2275	rVV	60822	78568	4.02%	0.473%
50	16.498	2275	2280	2281	rVV	27237	41153	2.11%	0.248%
51	16.516	2281	2283	2285	rVV	28758	32815	1.68%	0.198%
52	16.545	2285	2288	2291	rVV	25664	34151	1.75%	0.206%
53	16.598	2291	2297	2304	rVV4	66267	129018	6.60%	0.777%
54	16.669	2304	2309	2314	rVV	82640	124636	6.38%	0.751%
55	16.710	2314	2316	2318	rVV3	20707	24278	1.24%	0.146%
56	16.739	2318	2321	2327	rVB	37222	52129	2.67%	0.314%
57	16.881	2340	2345	2346	rBV5	2868	3847	0.20%	0.023%
58	17.004	2361	2366	2370	rVB6	3354	4920	0.25%	0.030%
59	17.039	2370	2372	2375	rBV4	2740	2703	0.14%	0.016%
60	17.239	2401	2406	2418	rBV	446452	621185	31.78%	3.741%
61	17.345	2418	2424	2443	rVV	973136	1488144	76.13%	8.962%
62	17.498	2446	2450	2455	rVB8	4073	6290	0.32%	0.038%
63	17.592	2465	2466	2470	rVB3	3150	2613	0.13%	0.016%
64	17.875	2510	2514	2521	rBV10	8834	13386	0.68%	0.081%
65	18.092	2547	2551	2559	rBV3	28561	45147	2.31%	0.272%
66	18.180	2565	2566	2573	rVB4	3421	5595	0.29%	0.034%
67	18.304	2583	2587	2594	rBV	27636	42532	2.18%	0.256%
68	18.427	2607	2608	2611	rBV2	2244	2218	0.11%	0.013%
69	18.933	2692	2694	2696	rBV3	3123	2554	0.13%	0.015%
70	19.016	2705	2708	2712	rVB5	13350	14241	0.73%	0.086%
71	19.175	2731	2735	2739	rVB4	13098	17668	0.90%	0.106%
72	19.251	2745	2748	2753	rVB2	11200	18801	0.96%	0.113%
73	19.345	2759	2764	2767	rBV6	19683	29943	1.53%	0.180%
74	19.598	2802	2807	2818	rBV	1436532	1927566	98.61%	11.608%
75	21.380	3105	3110	3121	rBV	498208	701912	35.91%	4.227%
76	23.686	3496	3502	3515	rVB2	960807	1954834	100.00%	11.772%

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111723\
Data File : BP018255.D
Acq On : 18 Nov 2023 11:33
Operator : MA/JU
Sample : O5370-07
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCDQ3

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

77	23.857	3525	3531	3541	rVB	350207	742523	37.98%	4.472%

Sum of corrected areas: 16605298

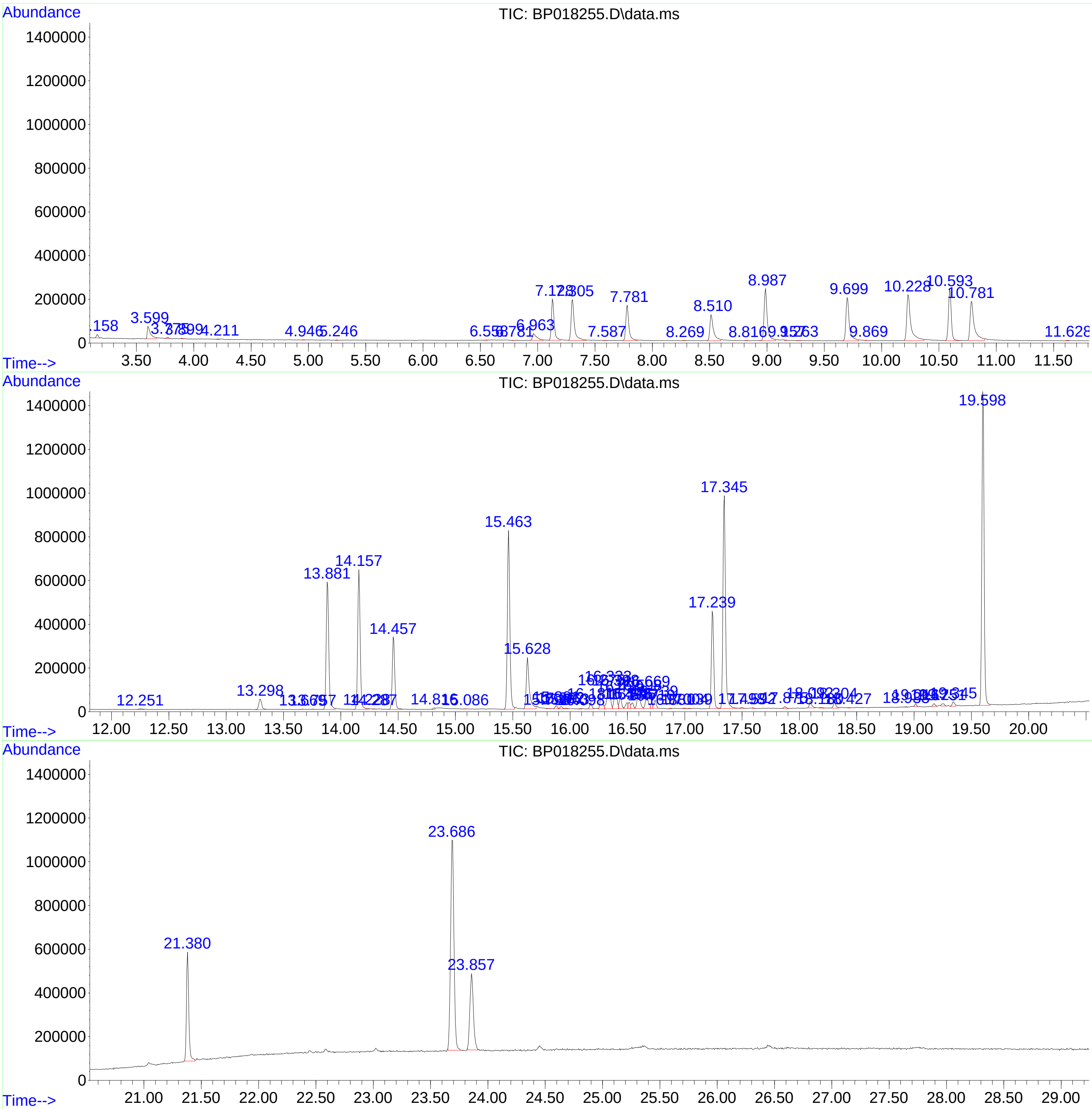
LSC Report - Integrated Chromatogram

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111723\
Data File : BP018255.D
Acq On : 18 Nov 2023 11:33
Operator : MA/JU
Sample : 05370-07
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCDQ3

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



Library Search Compound Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111723\
Data File : BP018255.D
Acq On : 18 Nov 2023 11:33
Operator : MA/JU
Sample : 05370-07
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCDQ3

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

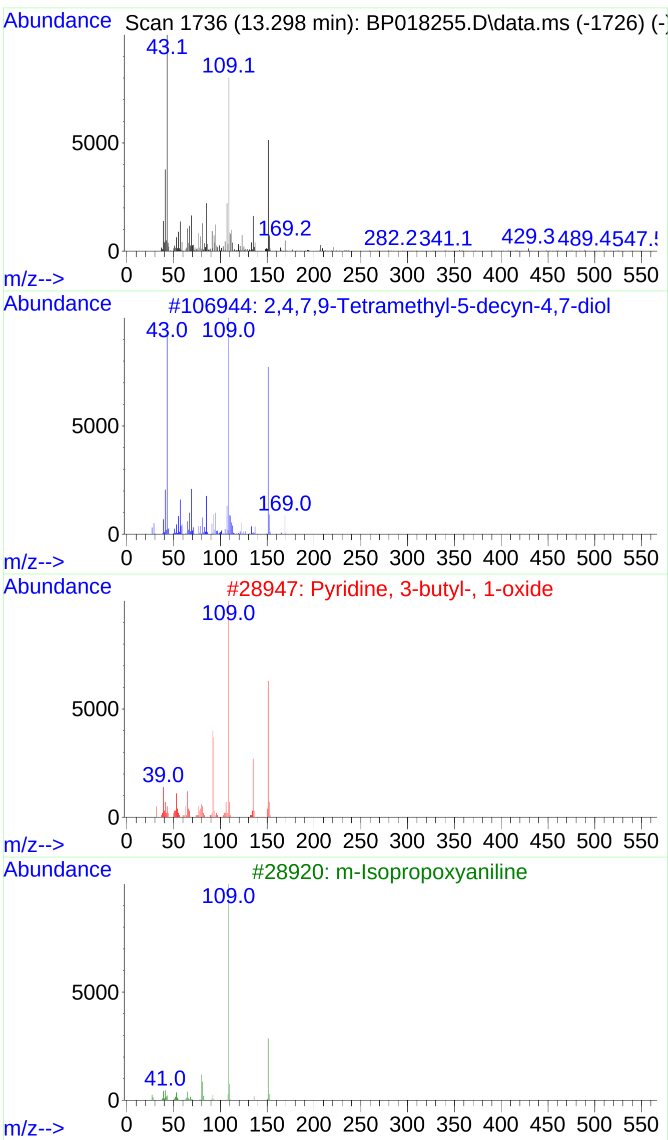
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

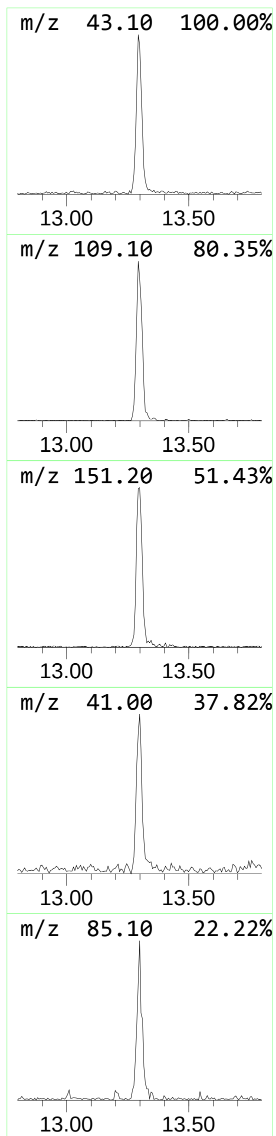
****

Peak Number 1 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.298	3.49 ng/ul	86788	Acenaphthene-d10	14.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	58
2	Pyridine, 3-butyl-, 1-oxide	151	C9H13NO	031396-33-5	50
3	m-Isopropoxyaniline	151	C9H13NO	041406-00-2	49
4	Metacetamol	151	C8H9NO2	000621-42-1	49
5	Acetaminophen	151	C8H9NO2	000103-90-2	49





Library Search Compound Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111723\
Data File : BP018255.D
Acq On : 18 Nov 2023 11:33
Operator : MA/JU
Sample : 05370-07
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCDQ3

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

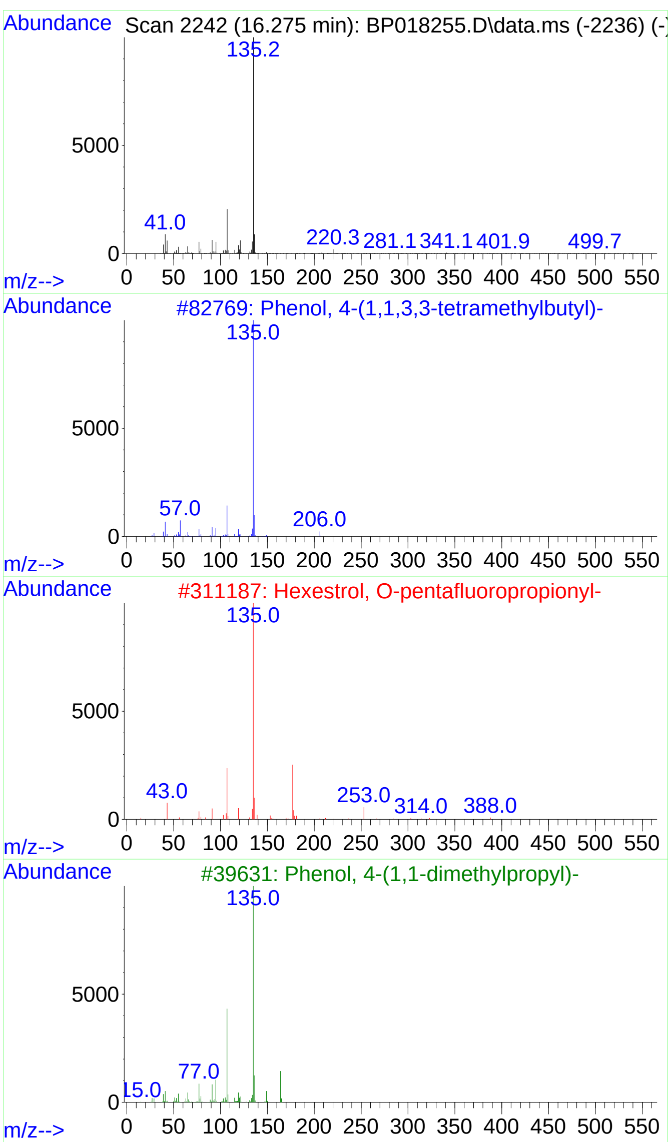
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

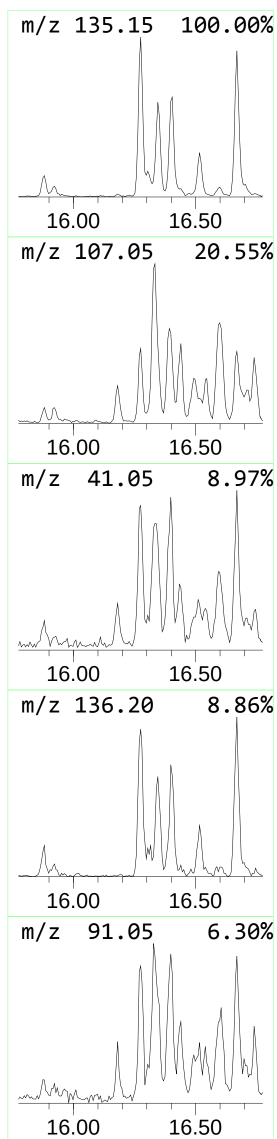
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.275	4.09 ng/ul	127099	Phenanthrene-d10	17.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
2	Hexestrol, O-pentafluoropropionyl-	416	C21H21F5O3	1010365-43-4	72
3	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	72
4	4-(1,1-Dimethylpropyl)phenyl ace...	206	C13H18O2	1000373-45-3	72
5	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	72





Library Search Compound Report

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Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111723\
Data File : BP018255.D
Acq On    : 18 Nov 2023  11:33
Operator  : MA/JU
Sample    : 05370-07
Misc      :
ALS Vial  : 44   Sample Multiplier: 1

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

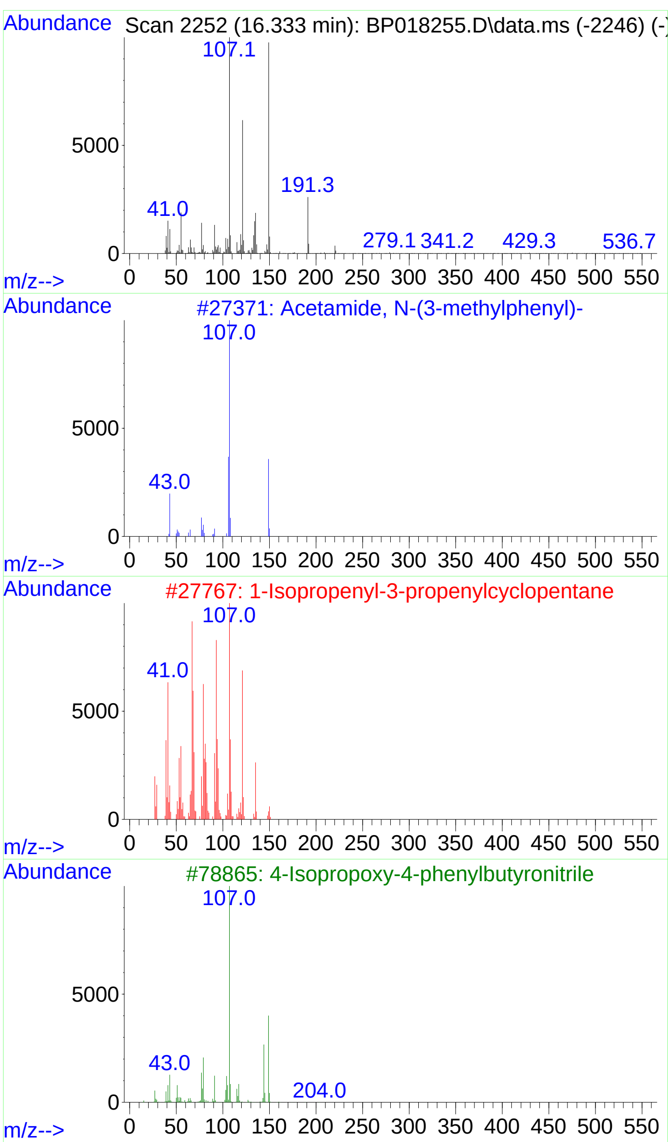
TIC Library    : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P
```

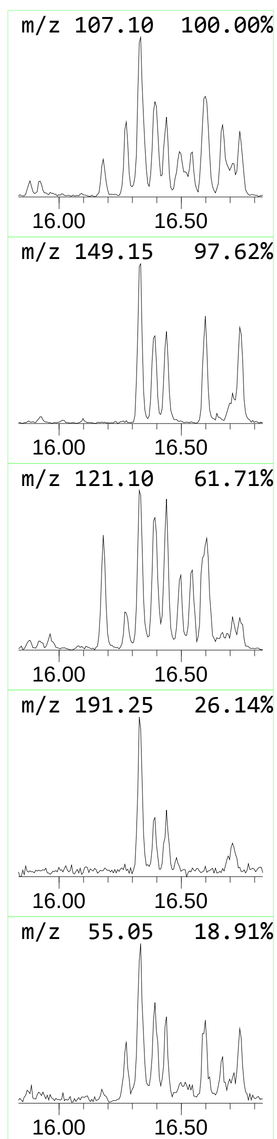
Instrument :
BNA_P
ClientSampleId :
GCDQ3

```
**********************************************************************
Peak Number  3  Acetamide, N-(3-methylphenyl)-  Concentration Rank  1
```

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.334	7.06 ng/ul	219289	Phenanthrene-d10	17.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	58
2	1-Isopropenyl-3-propenylcyclopen...	150	C11H18	1000192-81-2	46
3	4-Isopropoxy-4-phenylbutyronitrile	203	C13H17NO	1010370-35-3	38
4	Ethanol, 2-(3,3-dimethylbicyclo[...	166	C11H18O	002226-05-3	38
5	Ethanone, 2-(1-methylethoxy)-1,2...	254	C17H18O2	006652-28-4	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111723\
Data File : BP018255.D
Acq On : 18 Nov 2023 11:33
Operator : MA/JU
Sample : 05370-07
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCDQ3

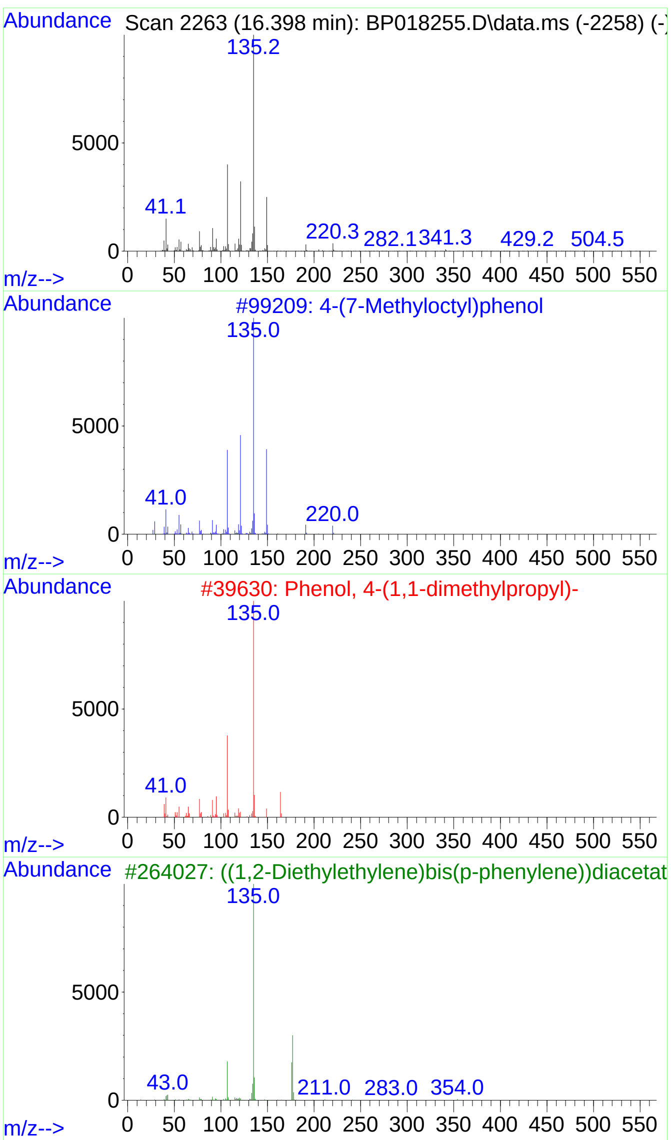
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
Quant Title : SVOA CALIBRATION

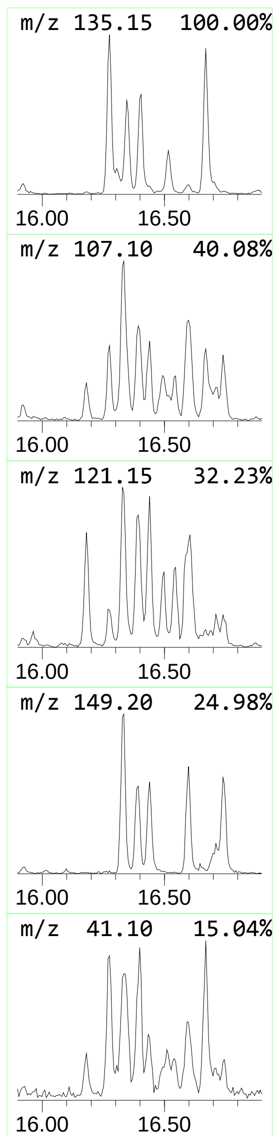
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.398	5.07 ng/ul	157536	Phenanthrene-d10	17.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(7-Methyloctyl)phenol	220	C15H24O	024518-48-7	93
2	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	72
3	((1,2-Diethylethylene)bis(p-phen...	354	C22H26O4	004547-76-6	72
4	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	64
5	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111723\
Data File : BP018255.D
Acq On : 18 Nov 2023 11:33
Operator : MA/JU
Sample : 05370-07
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCDQ3

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

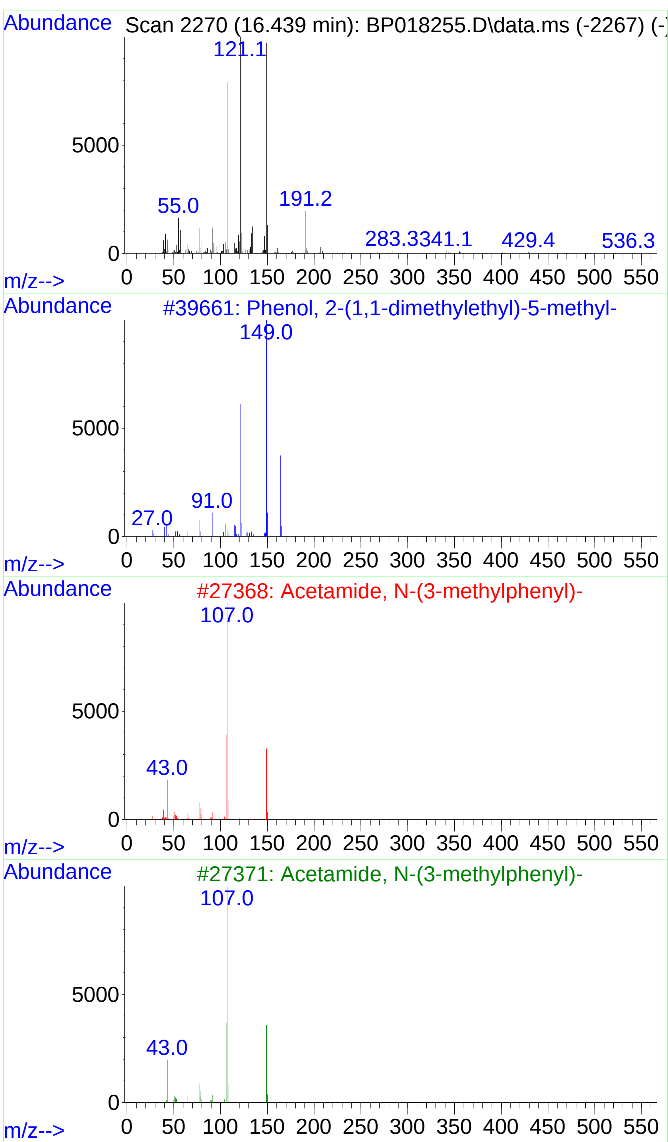
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

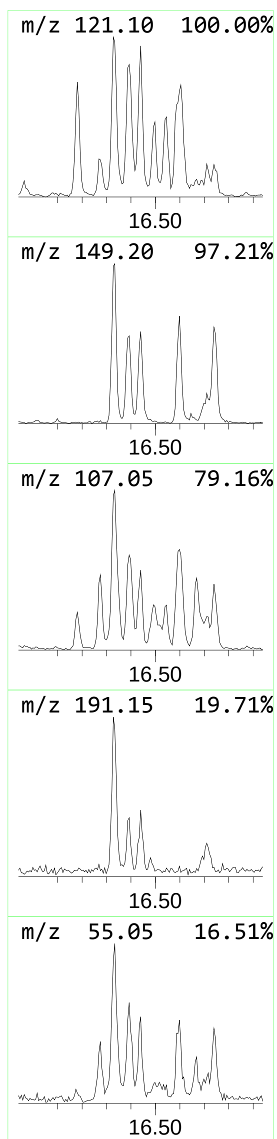
****

Peak Number 5 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.439	2.53 ng/ul	78568	Phenanthrene-d10	17.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-(1,1-dimethylethyl)-5-...	164	C11H16O	000088-60-8	47
2	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	46
3	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	46
4	Acetamide, N-(2-methylphenyl)-	149	C9H11NO	000120-66-1	43
5	1-Phenanthrenecarboxylic acid, 7...	318	C20H30O3	056051-66-2	41





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111723\
Data File : BP018255.D
Acq On : 18 Nov 2023 11:33
Operator : MA/JU
Sample : 05370-07
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCDQ3

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

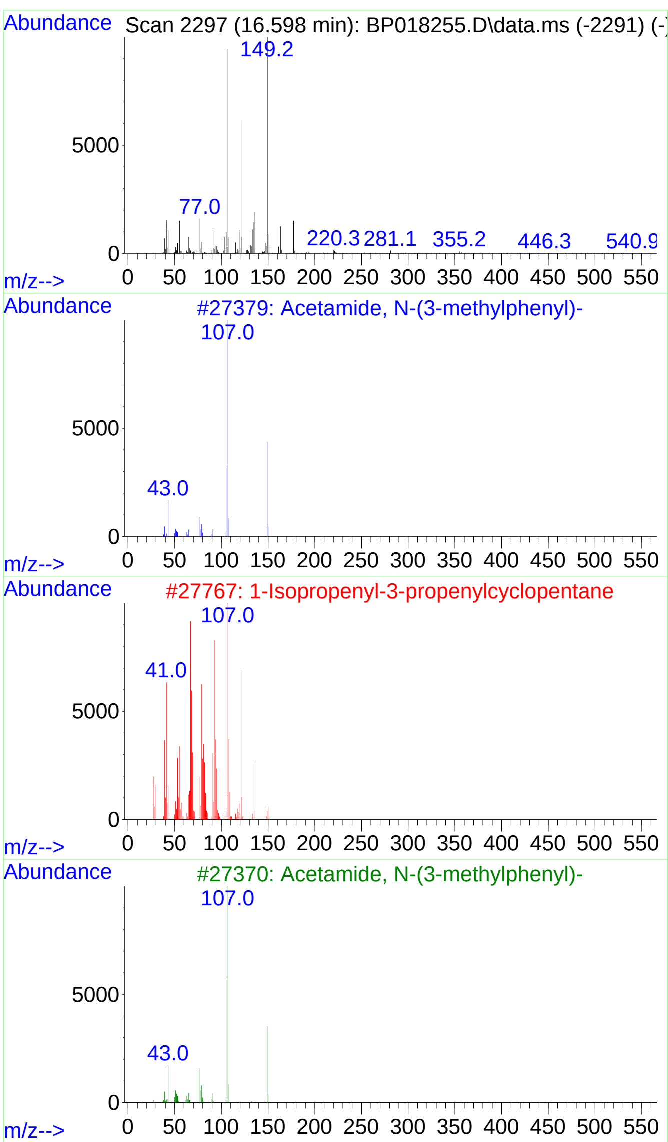
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

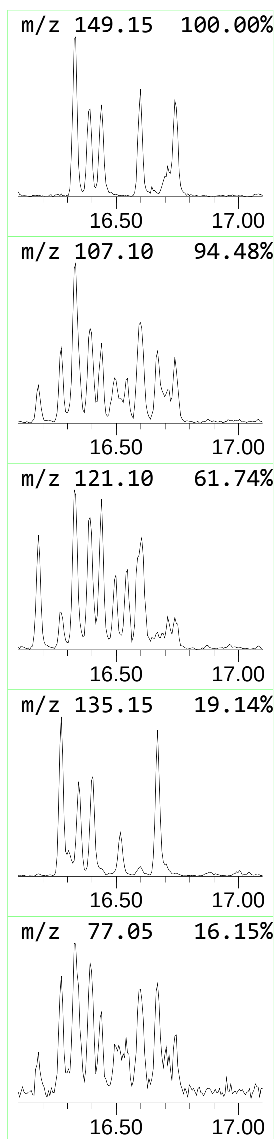
****

Peak Number 6 unknown-02 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.598	4.15 ng/ul	129018	Phenanthrene-d10	17.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	50
2	1-Isopropenyl-3-propenylcyclopen...	150	C11H18	1000192-81-2	46
3	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	43
4	5H-Pyrrolo(3,2-d)pyrimidine-2,4-...	149	C6H7N5	1000244-21-4	38
5	Benzene, 1-ethoxy-4-ethyl-	150	C10H14O	001585-06-4	27





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Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111723\
Data File : BP018255.D
Acq On    : 18 Nov 2023  11:33
Operator  : MA/JU
Sample    : 05370-07
Misc      :
ALS Vial  : 44   Sample Multiplier: 1

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
```
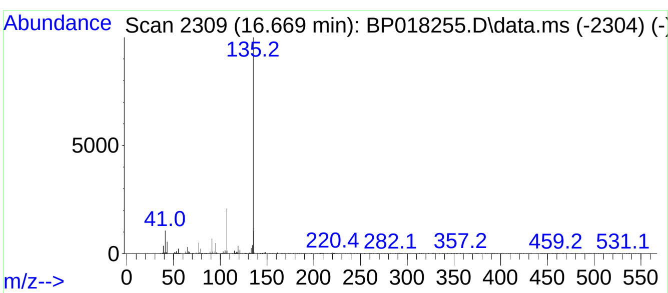
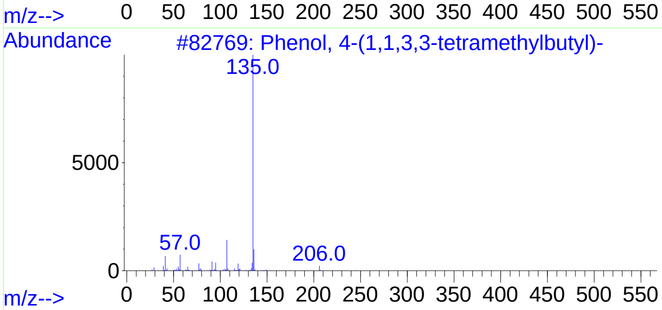

Instrument :
BNA_P
ClientSampleId :
GCDQ3

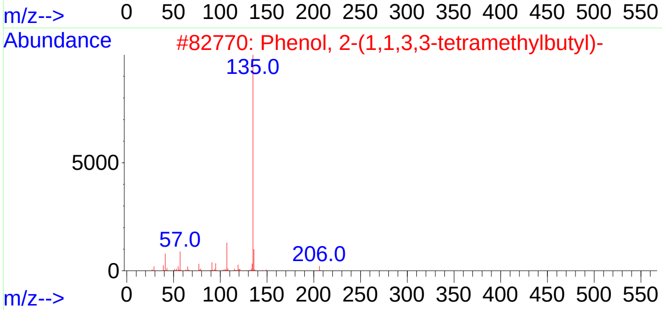
```
*********************************************************************
Peak Number  7  Phenol, 2-(1,1,3,3-tetramet...  Concentration Rank  5
```

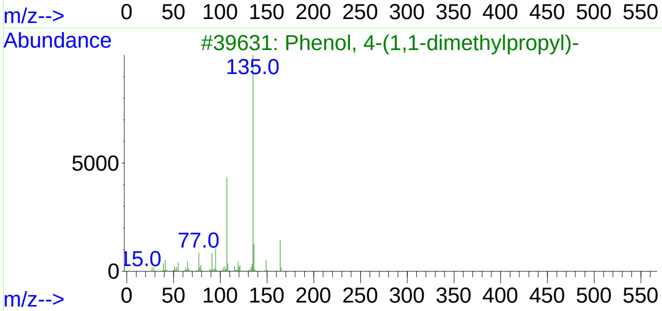
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.669	4.01 ng/ul	124636	Phenanthrene-d10	17.239

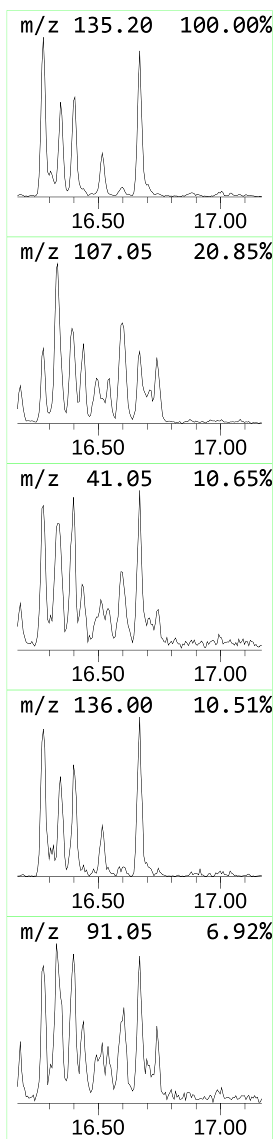
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	91
2	Phenol, 2-(1,1,3,3-tetramethylbu...	206	C14H22O	003884-95-5	91
3	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	78
4	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	78
5	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	72











Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111723\
Data File : BP018255.D
Acq On : 18 Nov 2023 11:33
Operator : MA/JU
Sample : O5370-07
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCDQ3

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...	13.298	3.5	ng/ul	86788	3	14.457	497673	20.0
Phenol, 4-(1,1,...	16.275	4.1	ng/ul	127099	4	17.239	621185	20.0
Acetamide, N-(3...	16.334	7.1	ng/ul	219289	4	17.239	621185	20.0
4-(7-Methylocty...	16.398	5.1	ng/ul	157536	4	17.239	621185	20.0
unknown-01	16.439	2.5	ng/ul	78568	4	17.239	621185	20.0
unknown-02	16.598	4.2	ng/ul	129018	4	17.239	621185	20.0
Phenol, 2-(1,1,...	16.669	4.0	ng/ul	124636	4	17.239	621185	20.0