LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111723\
Data File : BP018250.D
Acq On : 18 Nov 2023 08:44
Operator : MA/JU
Sample : 05370-02
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCDP8

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: BP018250.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	20	rVB	20356	26533	0.92%	0.112%
2	3.599	84	87	103	rBV	67766	131712	4.57%	0.555%
3	3.769	114	116	124	rVB3	8477	12164	0.42%	0.051%
4	6.958	651	658	674	rBV	74948	172922	6.00%	0.728%
5	7.128	682	687	705	rBV	206739	348264	12.09%	1.467%
6	7.299	710	716	736	rBV	239154	453761	15.75%	1.911%
7	7.781	791	798	813	rBV	258440	460224	15.97%	1.939%
8	8.510	915	922	945	rBV	203477	425339	14.76%	1.792%
9	8.987	994	1003	1021	rBV	274801	522846	18.14%	2.202%
10	9.152	1025	1031	1038	rVB2	18181	32736	1.14%	0.138%
11	9.699	1116	1124	1144	rBV	234617	470806	16.34%	1.983%
12	9.828	1144	1146	1149	rVV4	3010	3687	0.13%	0.016%
13	10.228	1207	1214	1238	rBV	273876	630793	21.89%	2.657%
14	10.593	1269	1276	1290	rVB	369388	615678	21.37%	2.593%
15	10.781	1301	1308	1334	rBV	221826	566959	19.68%	2.388%
16	10.981	1335	1342	1349	rVB	9727	26152	0.91%	0.110%
17	11.140	1363	1369	1381	rVB	5400	18802	0.65%	0.079%
18	11.404	1403	1414	1423	rBV5	16303	54800	1.90%	0.231%
19	11.481	1423	1427	1431	rVV7	5441	10293	0.36%	0.043%
20	11.528	1431	1435	1442	rVB5	6651	13638	0.47%	0.057%
21	11.646	1450	1455	1462	rVB3	10164	18843	0.65%	0.079%
22	11.804	1476	1482	1486	rBV7	6356	12492	0.43%	0.053%
23	12.240	1550	1556	1562	rBV7	2974	7139	0.25%	0.030%
24	13.298	1729	1736	1744	rBV2	17214	29445	1.02%	0.124%
25	13.669	1792	1799	1801	rBV6	3318	6783	0.24%	0.029%
26	13.734	1803	1810	1816	rVV10	2582	6142	0.21%	0.026%
27	13.881	1829	1835	1849	rBV	807463	1155919	40.11%	4.869%
28	14.157	1875	1882	1900	rBV	810867	1190877	41.33%	5.016%
29	14.457	1926	1933	1943	rBV	576604	861558	29.90%	3.629%
30	14.781	1980	1988	1998	rBV6	24700	94997	3.30%	0.400%
31	15.204	2055	2060	2062	rBV4	5004	6979	0.24%	0.029%
32	15.239	2064	2066	2071	rVB6	3054	3558	0.12%	0.015%
33	15.322	2078	2080	2084	rVB5	2908	2981	0.10%	0.013%
34	15.463	2096	2104	2119	rBV	1137309	1614941	56.04%	6.802%
35	15.628	2126	2132	2143	rBV	273120	488052	16.94%	2.056%
36	15.881	2170	2175	2179	rBV2	14438	20697	0.72%	0.087%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111723\
Data File : BP018250.D
Acq On : 18 Nov 2023 08:44
Operator : MA/JU
Sample : 05370-02
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCDP8

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	15.922	2179	2182	2186	rVV5	6340	10057	0.35%	0.042%
38	15.963	2186	2189	2194	rVB4	4597	5727	0.20%	0.024%
39	16.116	2214	2215	2220	rVB5	3227	4463	0.15%	0.019%
40	16.181	2220	2226	2231	rBV	48938	68562	2.38%	0.289%
41	16.275	2236	2242	2246	rVV	116881	159487	5.53%	0.672%
42	16.328	2246	2251	2257	rVV2	141727	261827	9.09%	1.103%
43	16.392	2257	2262	2266	rVV3	108460	193882	6.73%	0.817%
44	16.439	2266	2270	2274	rVV	79106	114174	3.96%	0.481%
45	16.492	2274	2279	2281	rVV2	45156	67636	2.35%	0.285%
46	16.516	2281	2283	2285	rVV2	37166	43549	1.51%	0.183%
47	16.539	2285	2287	2291	rVV	40915	51045	1.77%	0.215%
48	16.598	2291	2297	2303	rVV4	92070	184080	6.39%	0.775%
49	16.669	2304	2309	2313	rVV	113068	167091	5.80%	0.704%
50	16.710	2313	2316	2318	rVV3	32624	46382	1.61%	0.195%
51	16.739	2318	2321	2329	rVB	51062	72690	2.52%	0.306%
52	16.881	2339	2345	2347	rBV5	7338	12152	0.42%	0.051%
53	16.957	2355	2358	2360	rBV3	5645	6592	0.23%	0.028%
54	17.039	2369	2372	2375	rBV4	5437	6567	0.23%	0.028%
55	17.081	2375	2379	2382	rVV6	3740	5020	0.17%	0.021%
56	17.239	2400	2406	2417	rBV	813609	1118301	38.81%	4.711%
57	17.345	2418	2424	2440	rVV	1346615	1984774	68.88%	8.360%
58	17.869	2510	2513	2520	rVB8	10006	14175	0.49%	0.060%
59	17.986	2529	2533	2538	rBV8	11868	20861	0.72%	0.088%
60	18.092	2547	2551	2559	rBV2	47145	73623	2.55%	0.310%
61	18.180	2564	2566	2567	rBV2	5264	4051	0.14%	0.017%
62	19.169	2731	2734	2741	rBV5	19408	32139	1.12%	0.135%
63	19.251	2745	2748	2757	rVB2	23390	35996	1.25%	0.152%
64	19.339	2760	2763	2768	rBV7	19408	28955	1.00%	0.122%
65	19.598	2802	2807	2818	rBV	1929750	2579818	89.53%	10.867%
66	21.039	3049	3052	3063	rVB7	51289	106499	3.70%	0.449%
67	21.380	3105	3110	3120	rBV	1014550	1399160	48.56%	5.894%
68	23.692	3495	3503	3521	rVB	1444053	2881566	100.00%	12.138%
69	23.857	3523	3531	3544	rVB	651937	1460001	50.67%	6.150%

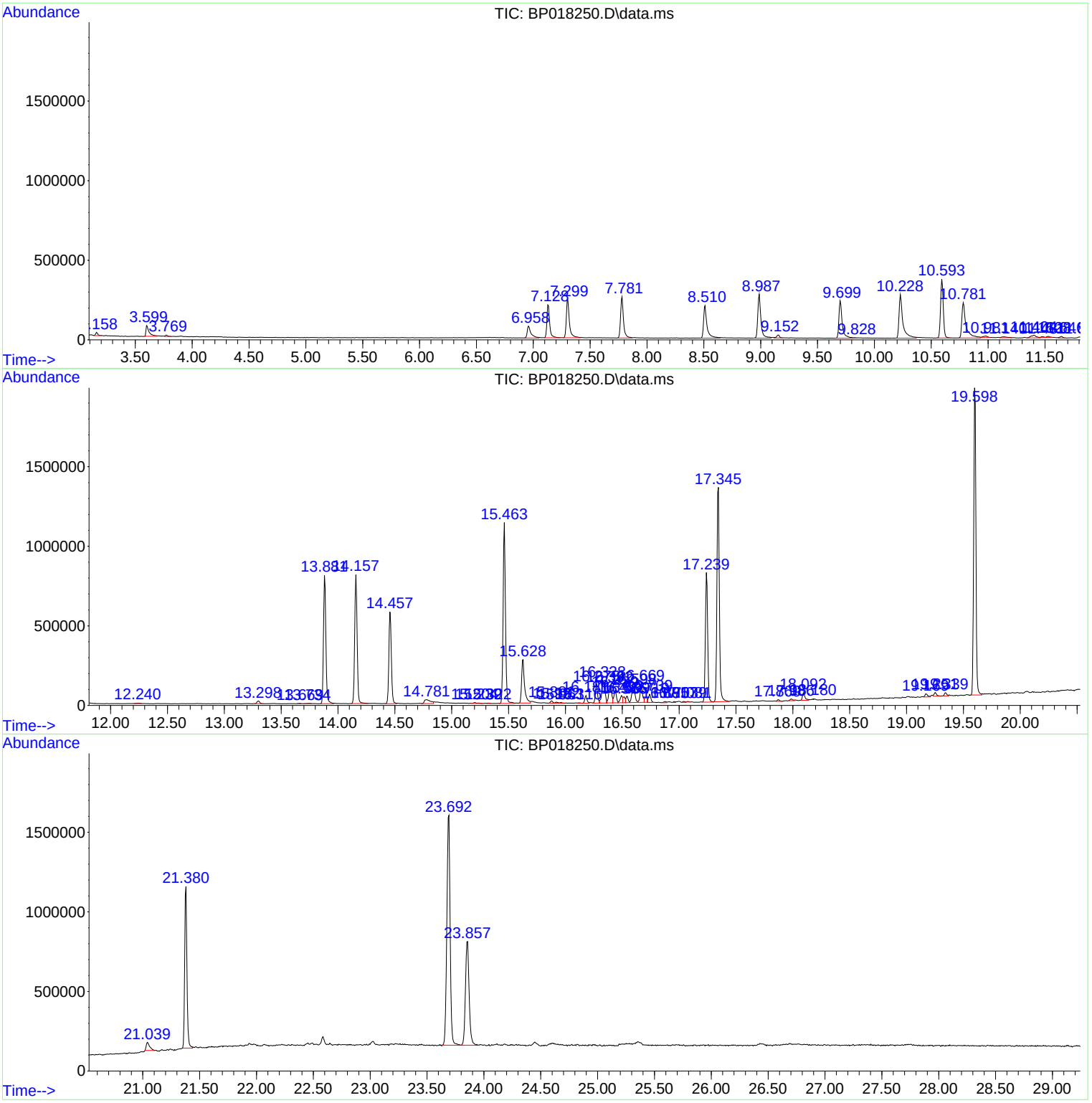
Sum of corrected areas: 23740414

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111723\
Data File : BP018250.D
Acq On : 18 Nov 2023 08:44
Operator : MA/JU
Sample : 05370-02
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCDP8

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\BP111723\
Data File : BP018250.D
Acq On : 18 Nov 2023 08:44
Operator : MA/JU
Sample : 05370-02
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BNA_P
ClientSampleId :
GCDP8

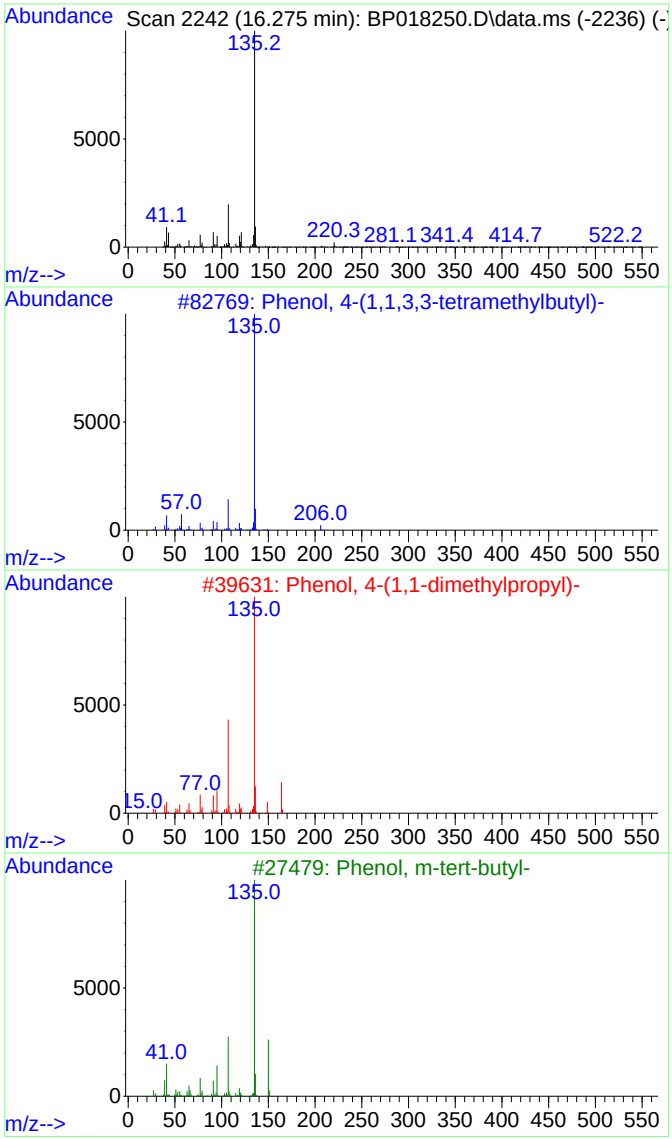
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
Quant Title : SVOA CALIBRATION

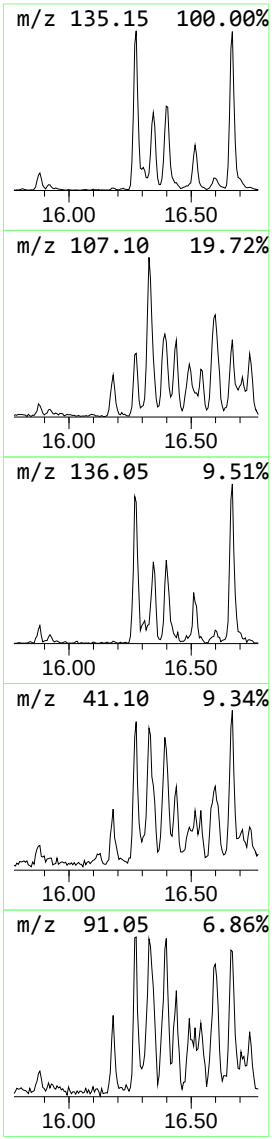
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Phenol, 4-(1,1,3,3-tetramet... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.275	2.85 ng/ul	159487	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	80
2	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	78
3	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	78
4	((1,2-Diethylethylene)bis(p-phen...	354	C22H26O4	004547-76-6	72
5	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111723\
Data File : BP018250.D
Acq On : 18 Nov 2023 08:44
Operator : MA/JU
Sample : 05370-02
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCDP8

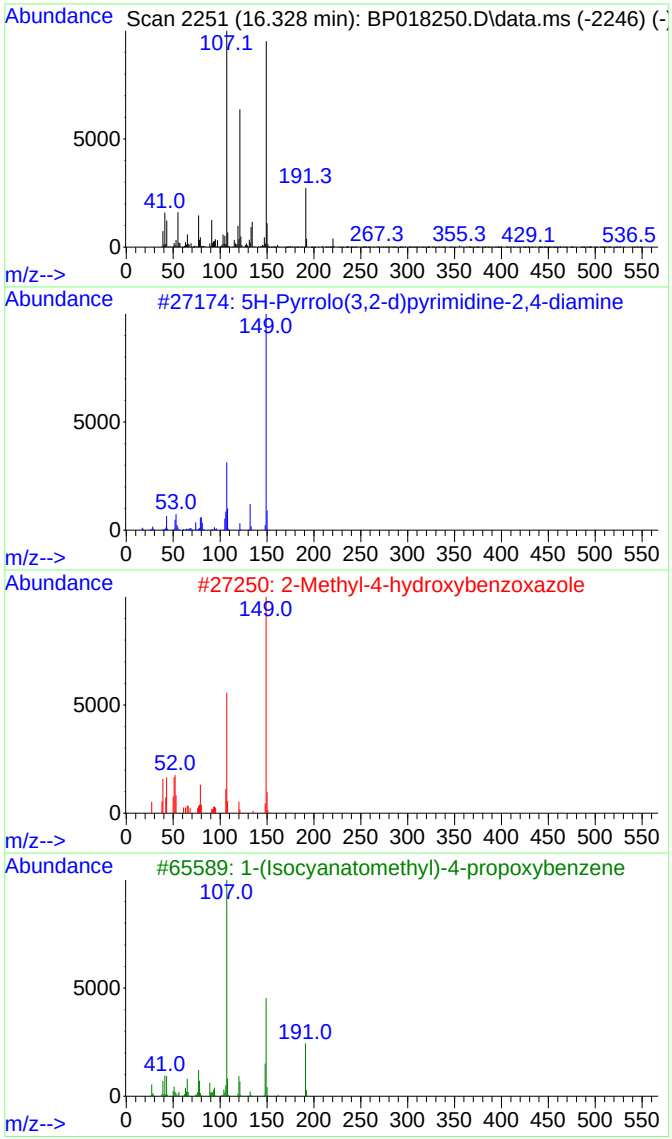
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
Quant Title : SVOA CALIBRATION

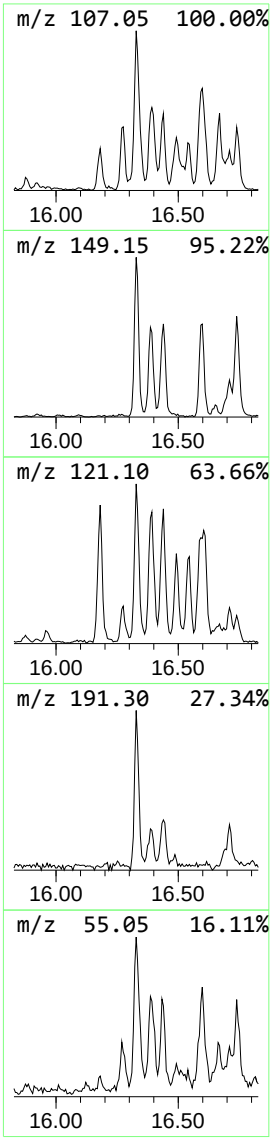
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 5H-Pyrrolo(3,2-d)pyrimidine... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.328	4.68 ng/ul	261827	Phenanthrene-d10	17.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Pyrrolo(3,2-d)pyrimidine-2,4-...	149	C6H7N5	1000244-21-4	64
2	2-Methyl-4-hydroxybenzoxazole	149	C8H7NO2	051110-60-2	53
3	1-(Isocyanatomethyl)-4-propoxybe...	191	C11H13NO2	936095-07-7	50
4	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	43
5	Pyridine-3-carbonitrile, 1,2-dih...	191	C9H9N3O2	220098-92-0	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111723\
Data File : BP018250.D
Acq On : 18 Nov 2023 08:44
Operator : MA/JU
Sample : 05370-02
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCDP8

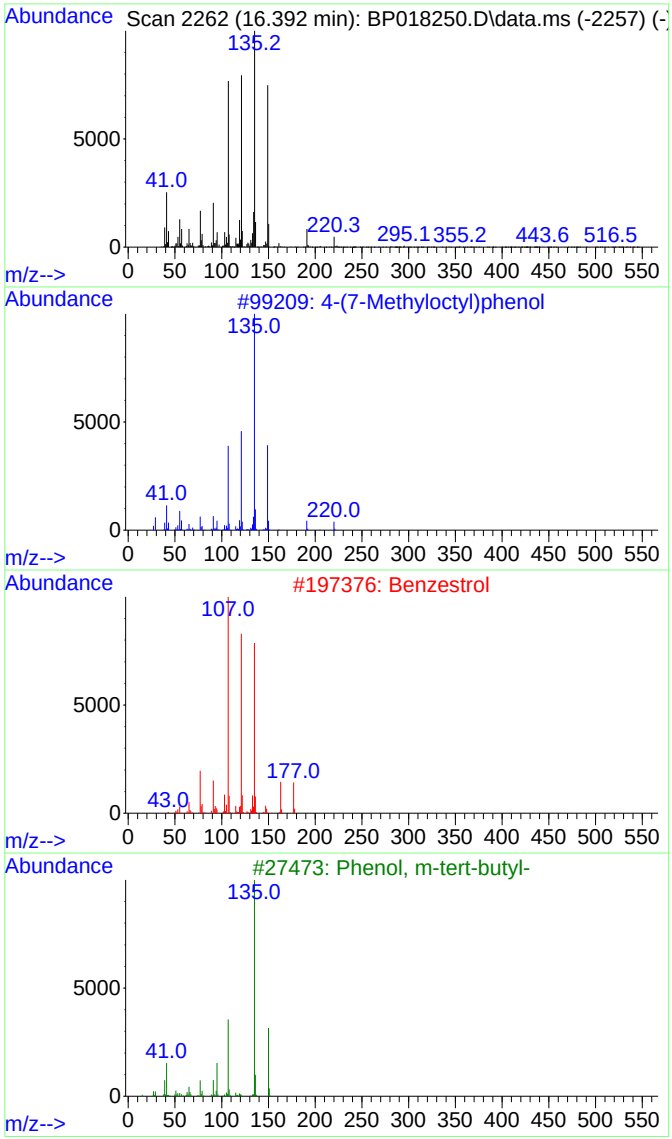
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
Quant Title : SVOA CALIBRATION

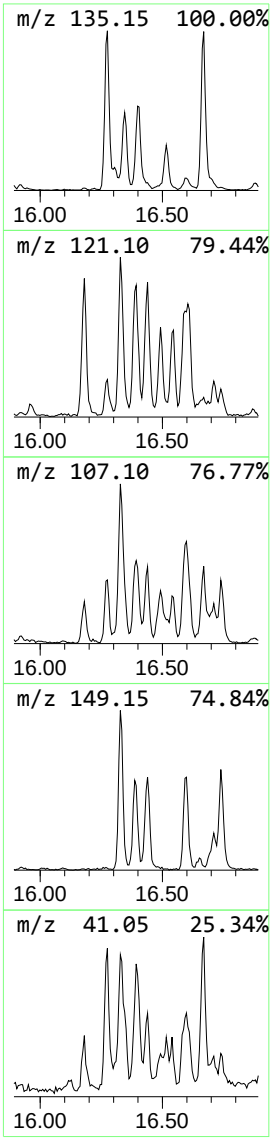
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 4-(7-Methyloctyl)phenol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.392	3.47 ng/ul	193882	Phenanthrene-d10	17.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(7-Methyloctyl)phenol	220	C15H24O	024518-48-7	50
2	Benzestrol	298	C20H26O2	000085-95-0	46
3	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	43
4	Phenol, 2-(1,1-dimethylethyl)-	150	C10H14O	000088-18-6	43
5	Hexestrol, O-(n-propyloxycarbonyl)-	356	C22H28O4	1000487-65-1	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111723\
Data File : BP018250.D
Acq On : 18 Nov 2023 08:44
Operator : MA/JU
Sample : 05370-02
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCDP8

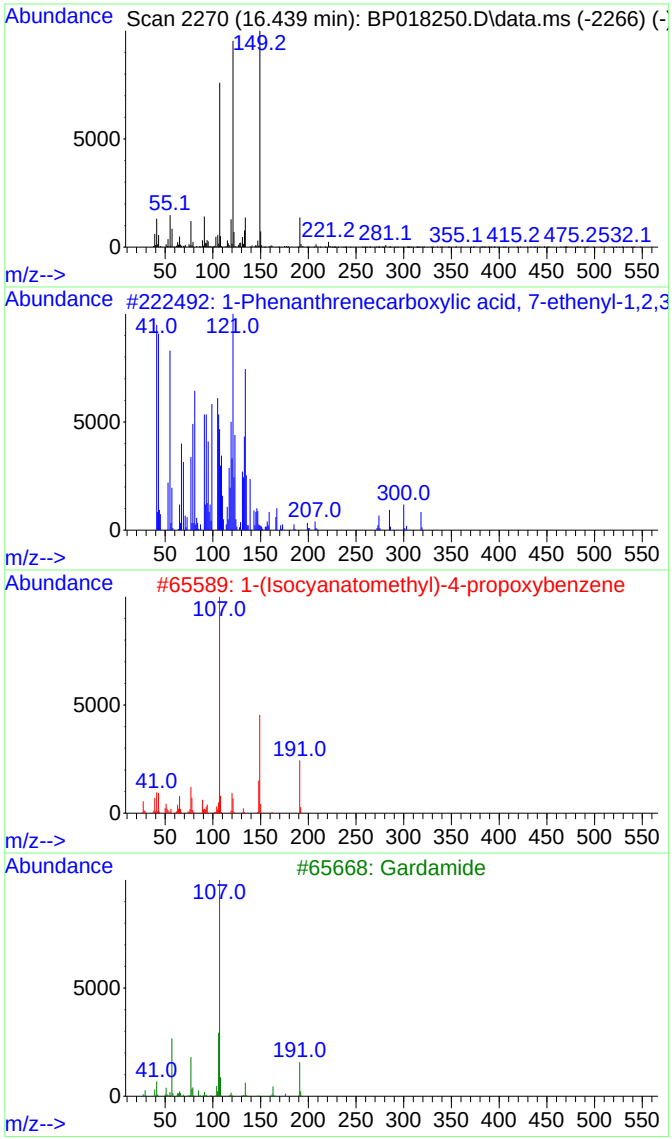
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
Quant Title : SVOA CALIBRATION

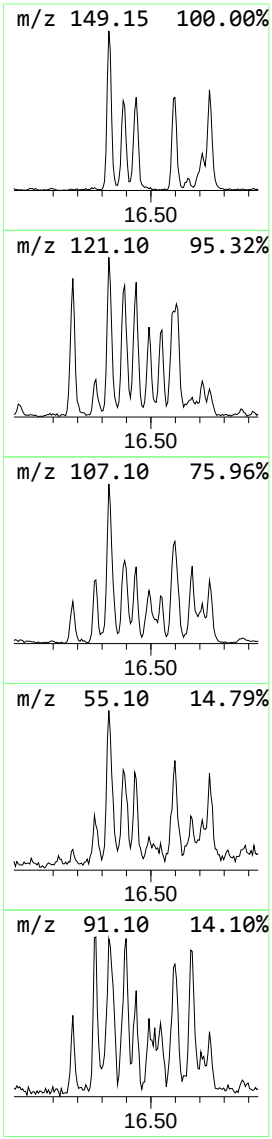
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1-Phenanthrenecarboxylic ac... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.439	2.04 ng/ul	114174	Phenanthrene-d10	17.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenanthrenecarboxylic acid, 7...	318	C20H30O3	056051-66-2	93
2	1-(Isocyanatomethyl)-4-propoxybe...	191	C11H13NO2	936095-07-7	30
3	Gardamide	191	C12H17NO	084434-18-4	25
4	1,2-Benzenedicarboxylic acid, di...	250	C14H18O4	000131-16-8	22
5	Acetamide, N-(2-methylphenyl)-	149	C9H11NO	000120-66-1	22





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111723\
Data File : BP018250.D
Acq On : 18 Nov 2023 08:44
Operator : MA/JU
Sample : 05370-02
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCDP8

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

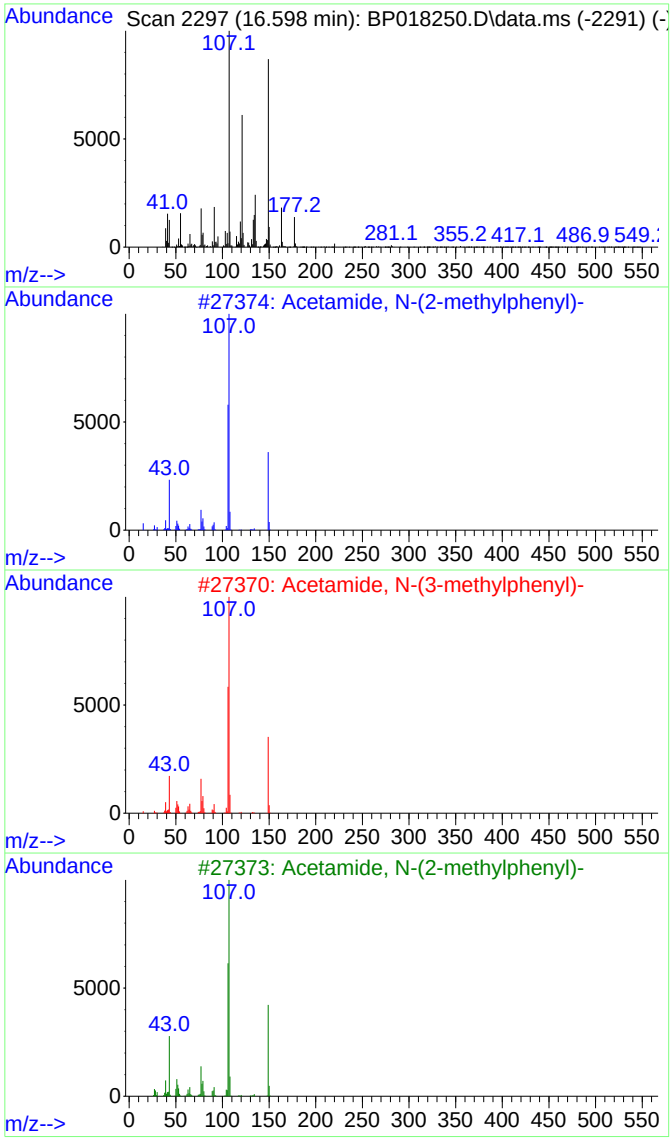
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

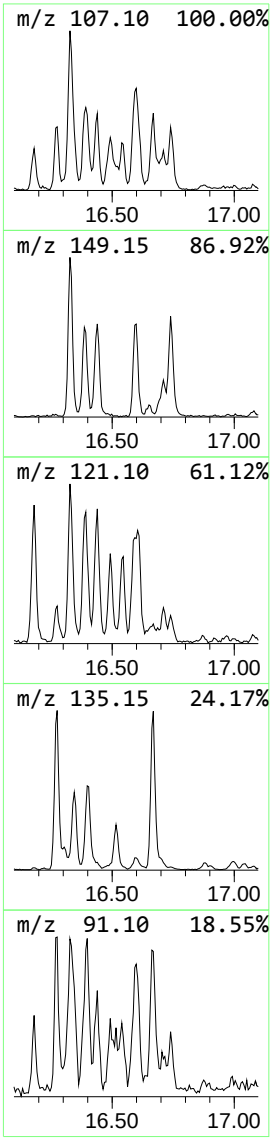
****

Peak Number 5 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.598	3.29 ng/ul	184080	Phenanthrene-d10	17.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, N-(2-methylphenyl)-	149	C9H11NO	000120-66-1	43
2	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	43
3	Acetamide, N-(2-methylphenyl)-	149	C9H11NO	000120-66-1	43
4	Succinic acid, 2-(3-nitrophenyl)...	449	C25H39NO6	1000381-00-2	38
5	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111723\
Data File : BP018250.D
Acq On : 18 Nov 2023 08:44
Operator : MA/JU
Sample : 05370-02
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCDP8

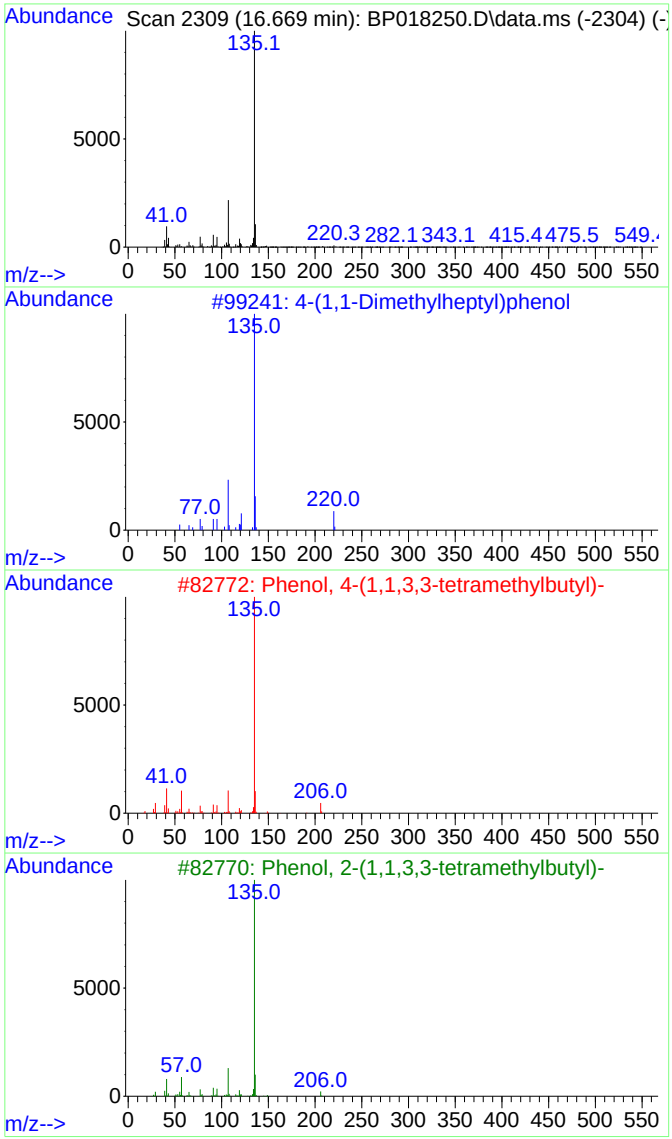
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
Quant Title : SVOA CALIBRATION

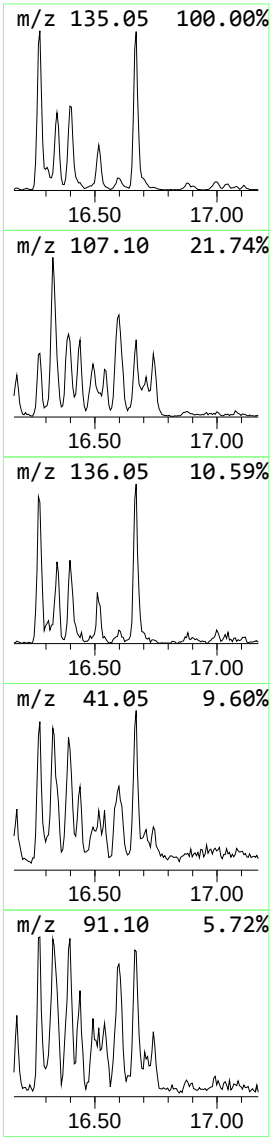
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 4-(1,1-Dimethylheptyl)phenol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.669	2.99 ng/ul	167091	Phenanthrene-d10	17.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(1,1-Dimethylheptyl)phenol	220	C15H24O	1000384-80-3	93
2	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	72
3	Phenol, 2-(1,1,3,3-tetramethylbu...	206	C14H22O	003884-95-5	72
4	2-tert-Butylphenol, O-(n-propylo...	236	C14H20O3	1000487-37-9	72
5	Benzeneacetonitrile, 3-fluoro-	135	C8H6FN	000501-00-8	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111723\
Data File : BP018250.D
Acq On : 18 Nov 2023 08:44
Operator : MA/JU
Sample : 05370-02
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCDP8

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
Phenol, 4-(1,1,...	16.275	2.9	ng/ul	159487	4	17.239	1118300	20.0
5H-Pyrrolo(3,2-...	16.328	4.7	ng/ul	261827	4	17.239	1118300	20.0
4-(7-Methylocty...	16.392	3.5	ng/ul	193882	4	17.239	1118300	20.0
1-Phenanthrenec...	16.439	2.0	ng/ul	114174	4	17.239	1118300	20.0
unknown-01	16.598	3.3	ng/ul	184080	4	17.239	1118300	20.0
4-(1,1-Dimethyl...	16.669	3.0	ng/ul	167091	4	17.239	1118300	20.0