LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111423\
Data File : BP018164.D
Acq On : 14 Nov 2023 20:06
Operator : MA/JU
Sample : 05337-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCDJ5

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: BP018164.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.117	3	5	10	rVB	124704	122084	4.19%	0.546%
2	3.164	10	13	23	rVB	19056	28156	0.97%	0.126%
3	3.781	115	118	122	rVB3	4189	5726	0.20%	0.026%
4	3.899	133	138	144	rBV8	3918	10646	0.37%	0.048%
5	3.970	149	150	156	rVB6	2937	4138	0.14%	0.018%
6	4.269	199	201	207	rVB4	4131	5777	0.20%	0.026%
7	4.417	221	226	233	rBV2	23773	33146	1.14%	0.148%
8	5.852	464	470	475	rBV4	10007	18328	0.63%	0.082%
9	6.740	618	621	627	rVB6	3374	4916	0.17%	0.022%
10	6.958	652	658	671	rBV	98586	205352	7.05%	0.918%
11	7.140	683	689	699	rBV	285531	457010	15.69%	2.043%
12	7.311	711	718	729	rBV	336967	596444	20.48%	2.666%
13	7.787	792	799	812	rBV	198151	345345	11.86%	1.544%
14	8.510	916	922	943	rBV	274081	534825	18.37%	2.391%
15	8.993	996	1004	1017	rBV	353520	627983	21.57%	2.807%
16	9.422	1074	1077	1082	rVB6	2276	4016	0.14%	0.018%
17	9.475	1082	1086	1089	rBV6	3098	6219	0.21%	0.028%
18	9.704	1117	1125	1147	rBV	328515	619293	21.27%	2.768%
19	10.181	1199	1206	1209	rBV7	12103	20470	0.70%	0.091%
20	10.234	1209	1215	1237	rVV	324746	805528	27.66%	3.601%
21	10.475	1253	1256	1261	rVB5	3599	5760	0.20%	0.026%
22	10.604	1269	1278	1289	rVB	273757	459471	15.78%	2.054%
23	10.869	1316	1323	1328	rBV	7425	19632	0.67%	0.088%
24	11.010	1340	1347	1354	rVB10	7678	18814	0.65%	0.084%
25	11.163	1367	1373	1375	rBV7	3400	6627	0.23%	0.030%
26	11.334	1398	1402	1406	rVB7	2622	3996	0.14%	0.018%
27	11.416	1406	1416	1425	rBV7	15050	57533	1.98%	0.257%
28	11.504	1425	1431	1435	rBV9	4340	10265	0.35%	0.046%
29	11.546	1435	1438	1443	rBV7	3960	7517	0.26%	0.034%
30	11.651	1454	1456	1462	rVB6	3887	5015	0.17%	0.022%
31	12.046	1518	1523	1528	rVB9	2247	3464	0.12%	0.015%
32	12.116	1533	1535	1541	rVB6	1725	2957	0.10%	0.013%
33	12.228	1549	1554	1561	rBV7	5048	10739	0.37%	0.048%
34	12.298	1561	1566	1568	rBV3	13420	24436	0.84%	0.109%
35	13.304	1731	1737	1744	rVB2	25990	42764	1.47%	0.191%
36	13.669	1796	1799	1803	rBV6	2355	3411	0.12%	0.015%

LSC Area Percent Report

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Data File : BP018164.D
Acq On : 14 Nov 2023 20:06
Operator : MA/JU
Sample : 05337-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCDJ5

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	13.887	1830	1836	1851	rBV	957204	1337255	45.92%	5.977%
38	14.163	1876	1883	1896	rBV2	888676	1297916	44.57%	5.801%
39	14.469	1928	1935	1944	rBV	402782	595254	20.44%	2.661%
40	14.704	1971	1975	1978	rBV6	3829	5237	0.18%	0.023%
41	14.763	1980	1985	1996	rBV3	31060	107202	3.68%	0.479%
42	15.210	2058	2061	2067	rBV7	2450	4726	0.16%	0.021%
43	15.469	2097	2105	2113	rBV	1281384	1768291	60.73%	7.904%
44	15.534	2115	2116	2125	rVB9	7918	11605	0.40%	0.052%
45	15.628	2126	2132	2144	rBV	363745	609108	20.92%	2.723%
46	15.816	2161	2164	2169	rVB7	2138	3713	0.13%	0.017%
47	15.887	2171	2176	2180	rVB3	8869	13302	0.46%	0.059%
48	15.928	2180	2183	2188	rBV3	6089	8215	0.28%	0.037%
49	16.134	2216	2218	2223	rVB6	2855	3288	0.11%	0.015%
50	16.187	2223	2227	2233	rBV	22153	33512	1.15%	0.150%
51	16.281	2238	2243	2247	rVV	59149	81032	2.78%	0.362%
52	16.339	2248	2253	2259	rVV3	67818	137638	4.73%	0.615%
53	16.404	2259	2264	2268	rVV4	58042	102762	3.53%	0.459%
54	16.445	2268	2271	2275	rVV	38059	50838	1.75%	0.227%
55	16.498	2275	2280	2282	rVV3	18550	27062	0.93%	0.121%
56	16.551	2286	2289	2293	rVV	19369	22604	0.78%	0.101%
57	16.598	2293	2297	2305	rVB4	47109	89701	3.08%	0.401%
58	16.675	2305	2310	2314	rBV	54970	76595	2.63%	0.342%
59	16.745	2315	2322	2328	rVB4	43664	104980	3.61%	0.469%
60	16.963	2355	2359	2361	rBV5	2988	4336	0.15%	0.019%
61	17.045	2371	2373	2375	rBV3	3229	3563	0.12%	0.016%
62	17.128	2385	2387	2391	rVB4	3164	3191	0.11%	0.014%
63	17.216	2397	2402	2403	rBV	56856	65517	2.25%	0.293%
64	17.251	2403	2408	2414	rVV	520080	750435	25.77%	3.354%
65	17.345	2418	2424	2438	rBV2	1398993	2099765	72.11%	9.386%
66	17.504	2449	2451	2457	rVB7	5498	6198	0.21%	0.028%
67	17.881	2510	2515	2521	rBV	250621	294559	10.12%	1.317%
68	18.104	2548	2553	2557	rBV7	15624	27343	0.94%	0.122%
69	18.192	2565	2568	2573	rVB4	5987	8169	0.28%	0.037%
70	18.310	2584	2588	2594	rBV	36963	54802	1.88%	0.245%
71	19.175	2732	2735	2739	rVB2	18132	19928	0.68%	0.089%
72	19.233	2741	2745	2746	rBV4	24706	25574	0.88%	0.114%
73	19.480	2785	2787	2790	rBV3	8264	7286	0.25%	0.033%
74	19.604	2802	2808	2816	rBV	2113069	2678658	91.99%	11.973%
75	21.380	3105	3110	3122	rBV	661338	899108	30.88%	4.019%
76	23.686	3494	3502	3512	rVB2	1474299	2911900	100.00%	13.016%

LSC Area Percent Report

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Acq On : 14 Nov 2023 20:06
Operator : MA/JU
Sample : 05337-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCDJ5

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	23.851	3523	3530	3539	rVB	415148	882335	30.30%	3.944%

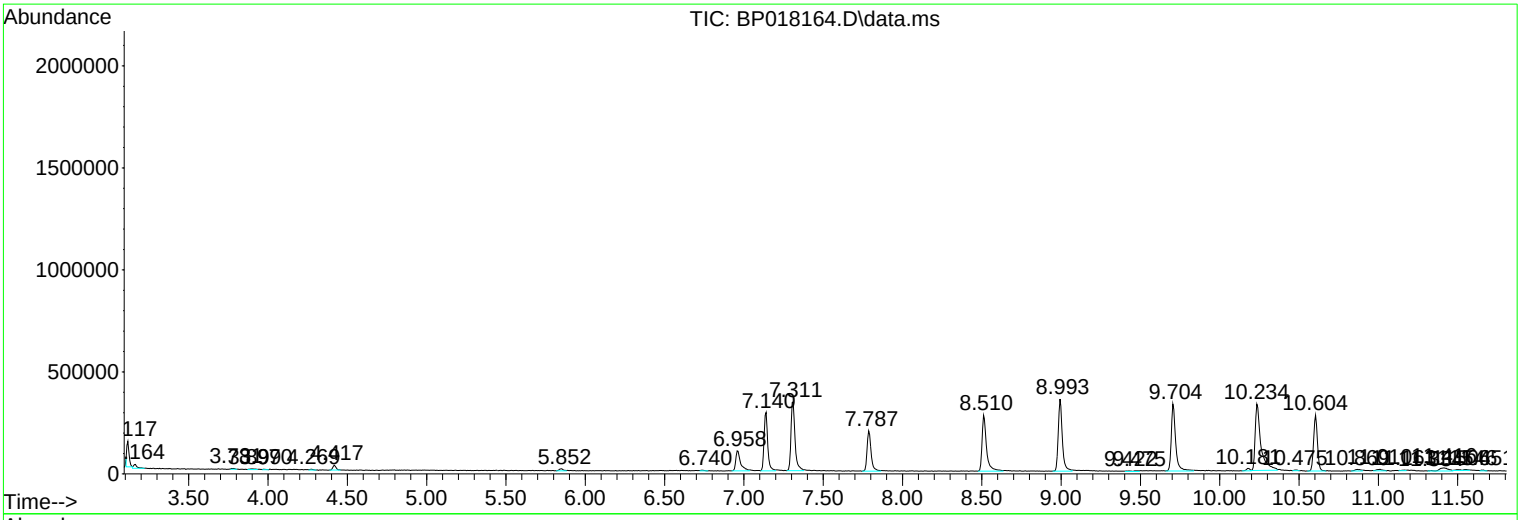
Sum of corrected areas: 22372306

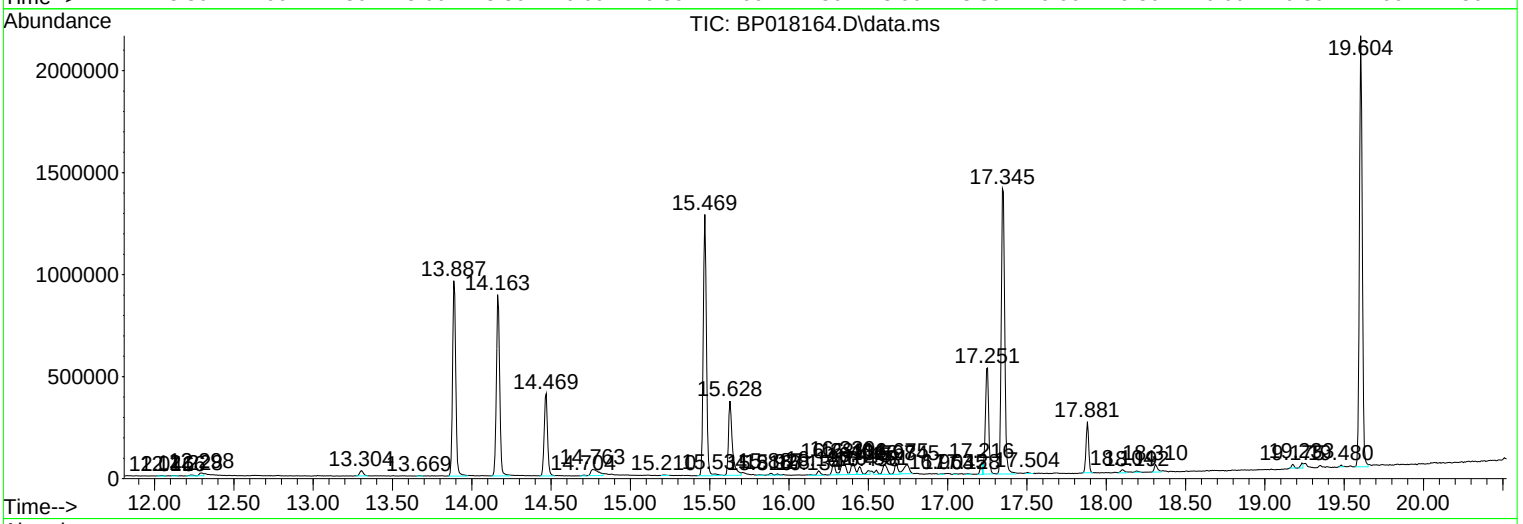
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111423\
Data File : BP018164.D
Acq On : 14 Nov 2023 20:06
Operator : MA/JU
Sample : 05337-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

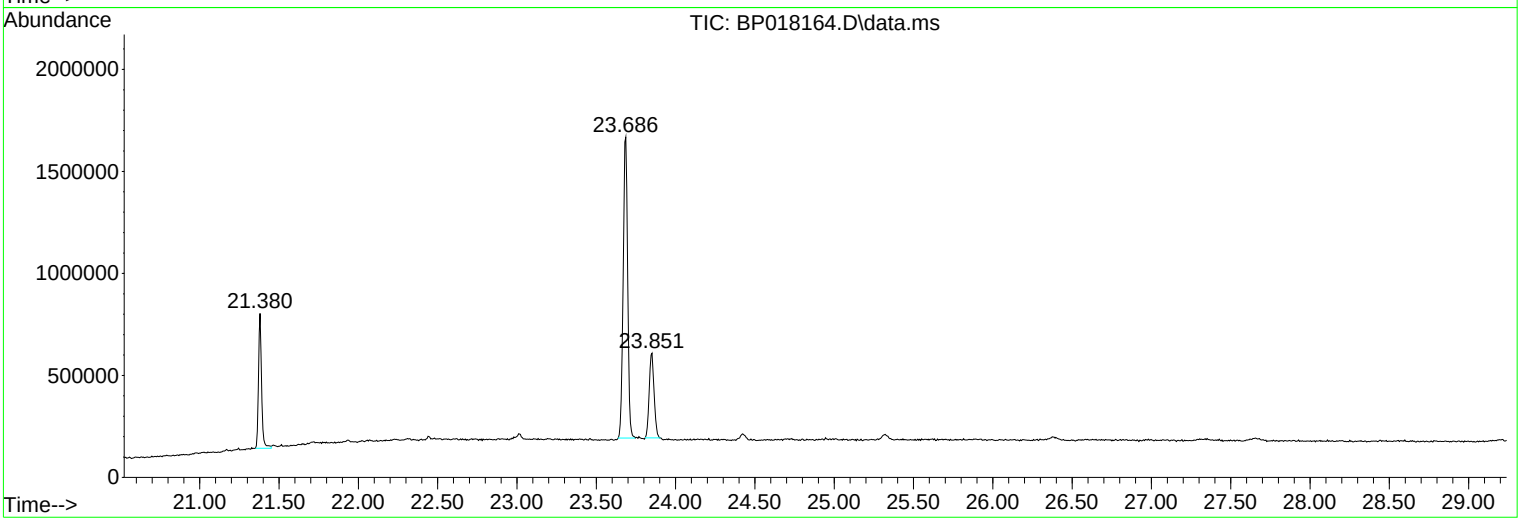
Instrument :
BNA_P
ClientSampleId :
GCDJ5

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 : BP018164.D
Acq On : 14 Nov 2023 20:06
Operator : MA/JU
Sample : 05337-10
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ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCDJ5

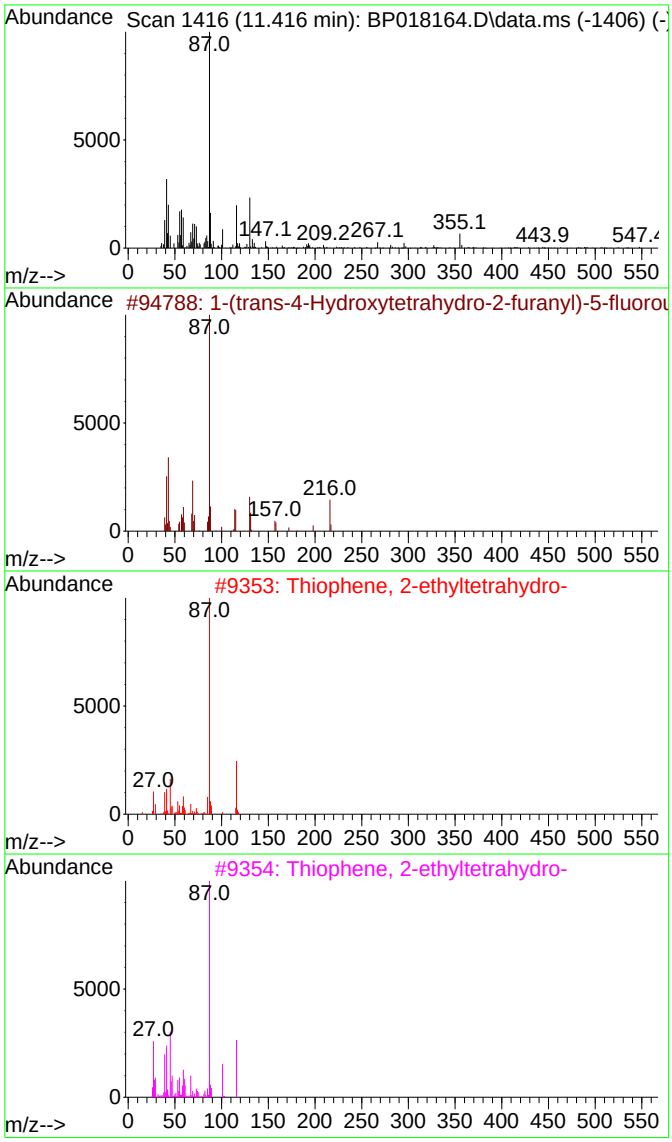
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
Quant Title : SVOA CALIBRATION

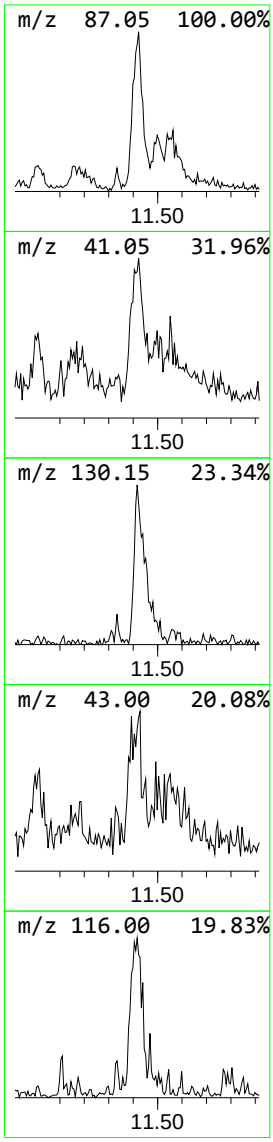
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 1-(trans-4-Hydroxytetrahydr... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.416	2.50 ng/ul	57533	Naphthalene-d8	10.604

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(trans-4-Hydroxytetrahydro-2-f...	216	C8H9FN2O4	1000281-70-3	50
2	Thiophene, 2-ethyltetrahydro-	116	C6H12S	001551-32-2	42
3	Thiophene, 2-ethyltetrahydro-	116	C6H12S	001551-32-2	42
4	Hydrazine, 1,1-dipropyl-	116	C6H16N2	004986-50-9	42
5	Hydrazine, 1-ethyl-1-(1-methylpr...	116	C6H16N2	020325-97-7	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111423\
Data File : BP018164.D
Acq On : 14 Nov 2023 20:06
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ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCDJ5

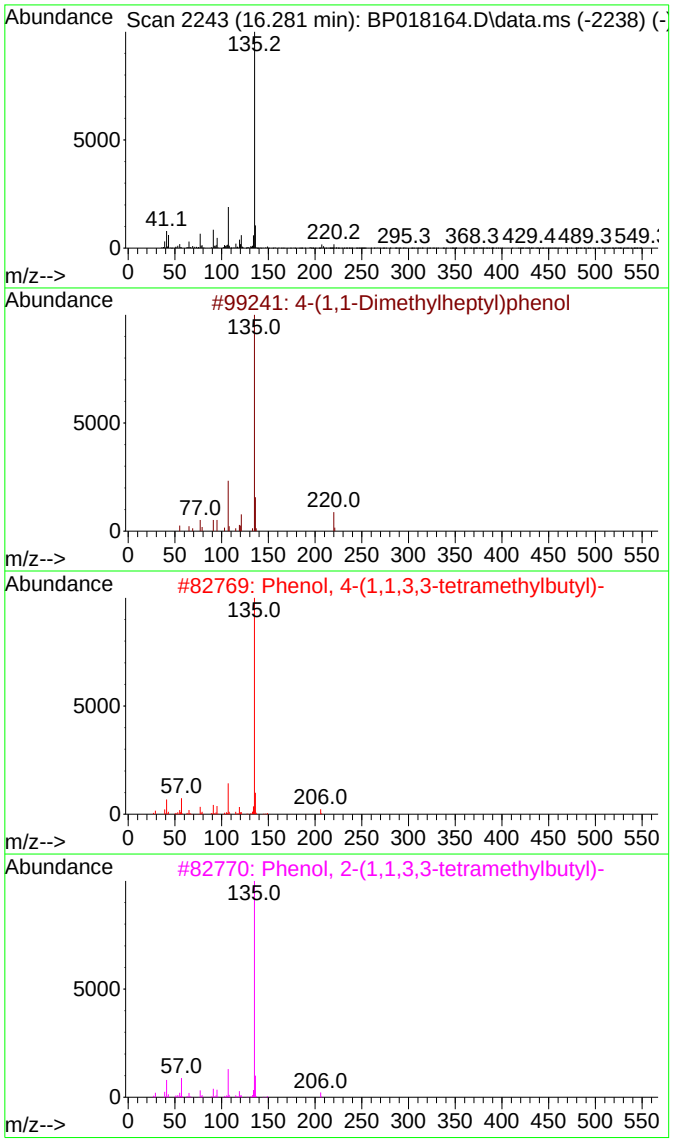
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
Quant Title : SVOA CALIBRATION

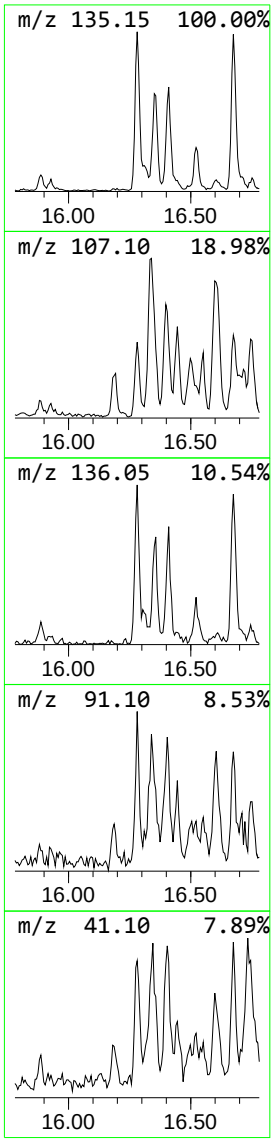
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 4-(1,1-Dimethylheptyl)phenol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.281	2.16 ng/ul	81032	Phenanthrene-d10	17.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(1,1-Dimethylheptyl)phenol	220	C15H24O	1000384-80-3	91
2	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	86
3	Phenol, 2-(1,1,3,3-tetramethylbu...	206	C14H22O	003884-95-5	78
4	4-(1,1-Dimethylpropyl)phenyl ace...	206	C13H18O2	1000373-45-3	78
5	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111423\
Data File : BP018164.D
Acq On : 14 Nov 2023 20:06
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Sample : 05337-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCDJ5

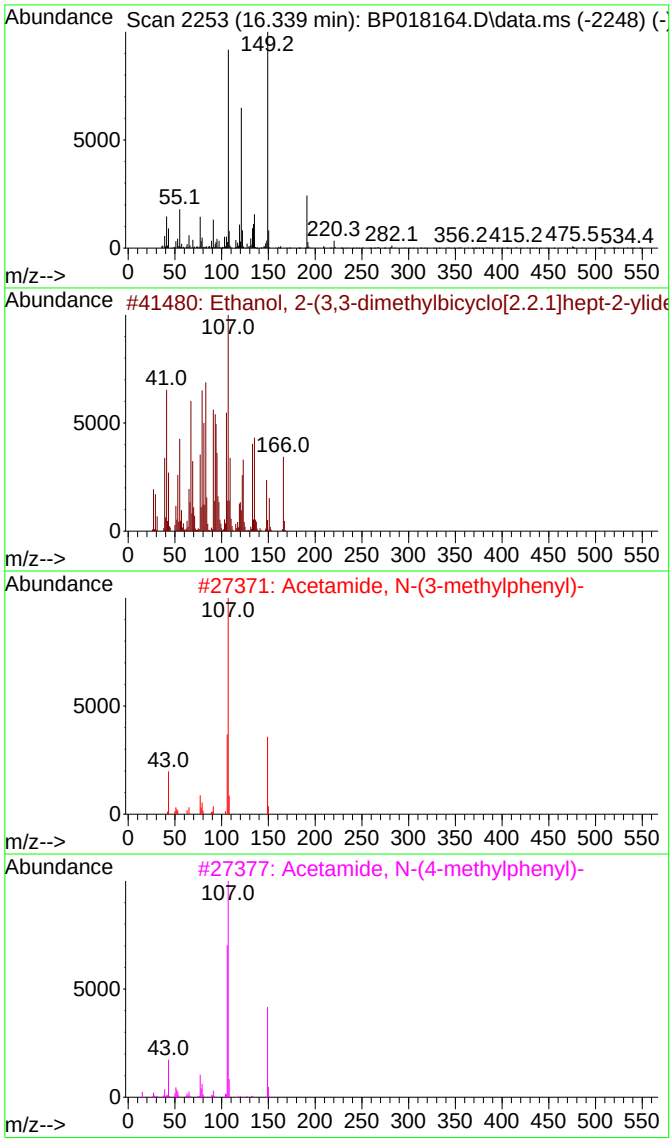
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
Quant Title : SVOA CALIBRATION

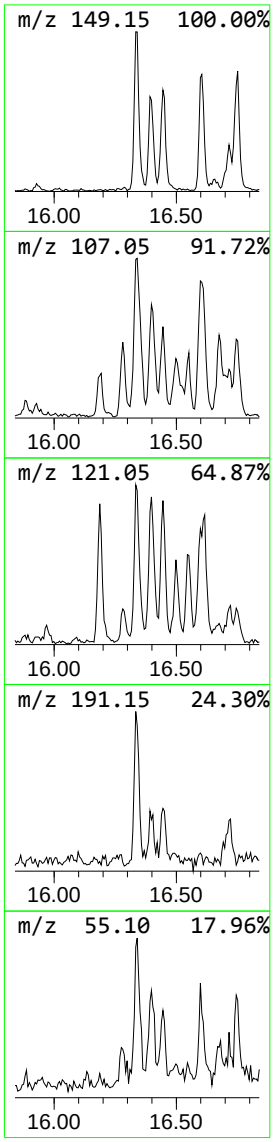
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Ethanol, 2-(3,3-dimethylbic... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.339	3.67 ng/ul	137638	Phenanthrene-d10	17.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(3,3-dimethylbicyclo[...	166	C11H18O	002226-05-3	80
2	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	58
3	Acetamide, N-(4-methylphenyl)-	149	C9H11NO	000103-89-9	52
4	1H-Benzoimidazole, 2-benzyl-1-(4...	356	C24H24N2O	1000303-65-3	50
5	Benzenepropanoic acid, 2-propeny...	190	C12H14O2	015814-45-6	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111423\
Data File : BP018164.D
Acq On : 14 Nov 2023 20:06
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Sample : 05337-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCDJ5

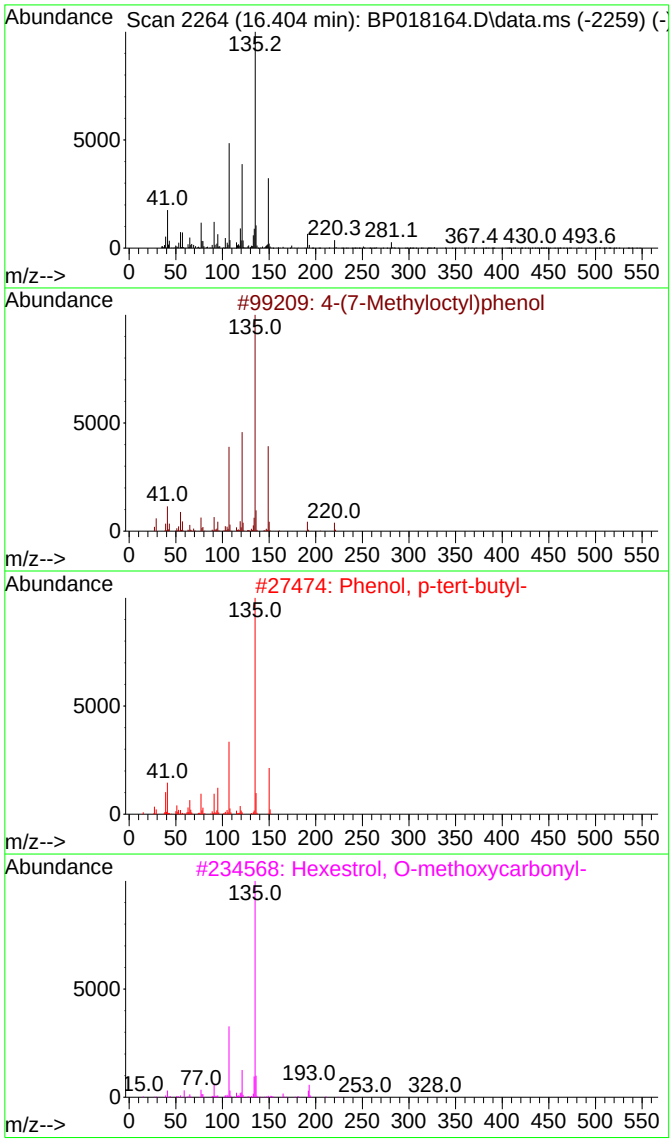
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
Quant Title : SVOA CALIBRATION

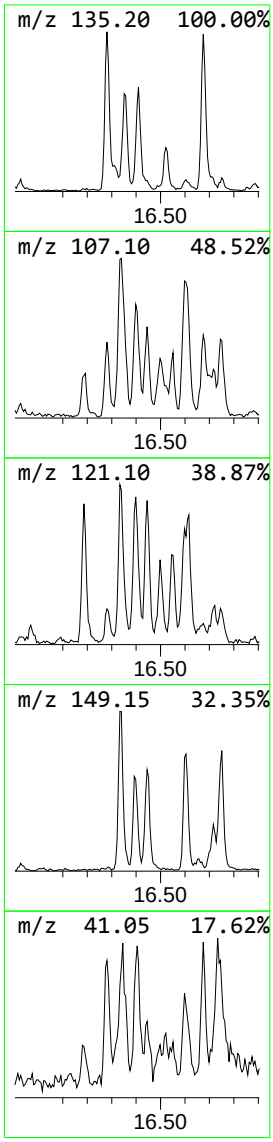
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.404	2.74 ng/ul	102762	Phenanthrene-d10	17.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(7-Methyloctyl)phenol	220	C15H24O	024518-48-7	91
2	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	59
3	Hexestrol, O-methoxycarbonyl-	328	C20H24O4	1000487-66-3	59
4	Hexestrol, O-pentafluoropropionyl-	416	C21H21F5O3	1010365-43-4	59
5	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111423\
Data File : BP018164.D
Acq On : 14 Nov 2023 20:06
Operator : MA/JU
Sample : 05337-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCDJ5

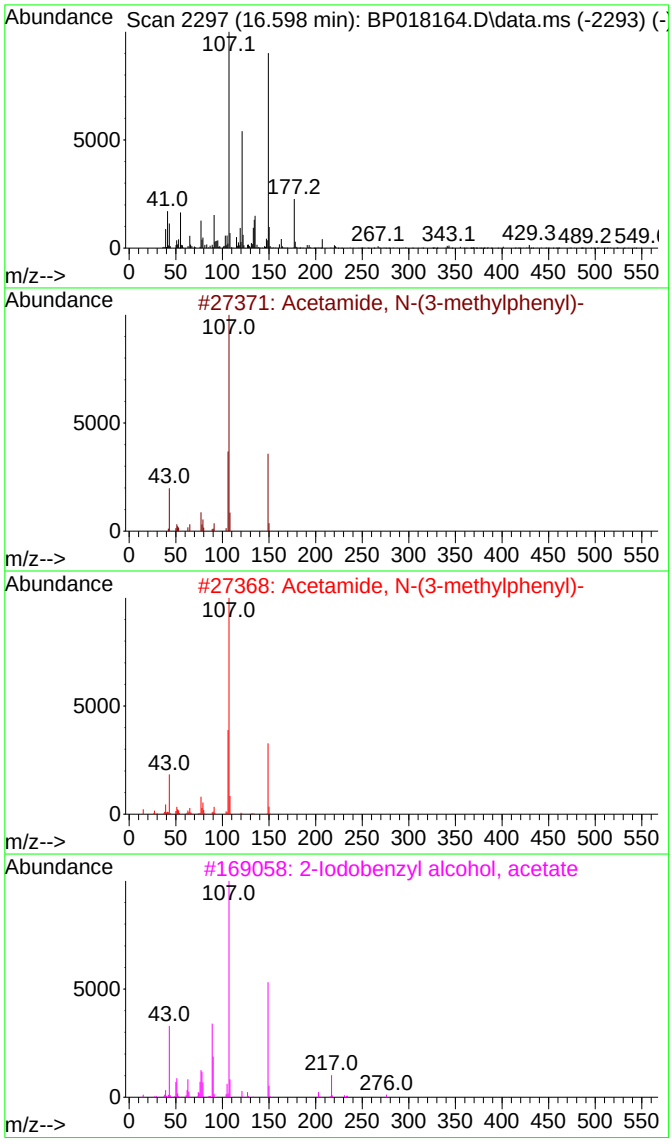
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
Quant Title : SVOA CALIBRATION

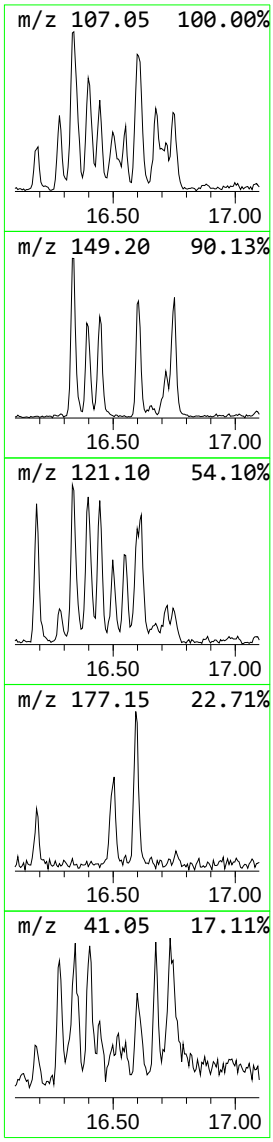
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Acetamide, N-(3-methylphenyl)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.598	2.39 ng/ul	89701	Phenanthrene-d10	17.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	62
2	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	58
3	2-Iodobenzyl alcohol, acetate	276	C9H9IO2	1000364-47-1	53
4	Methyl (1s,3s,5R,7S)-3-methylada...	208	C13H20O2	1010504-39-1	38
5	1-Isopropenyl-3-propenylcyclopen...	150	C11H18	1000192-81-2	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111423\
Data File : BP018164.D
Acq On : 14 Nov 2023 20:06
Operator : MA/JU
Sample : 05337-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCDJ5

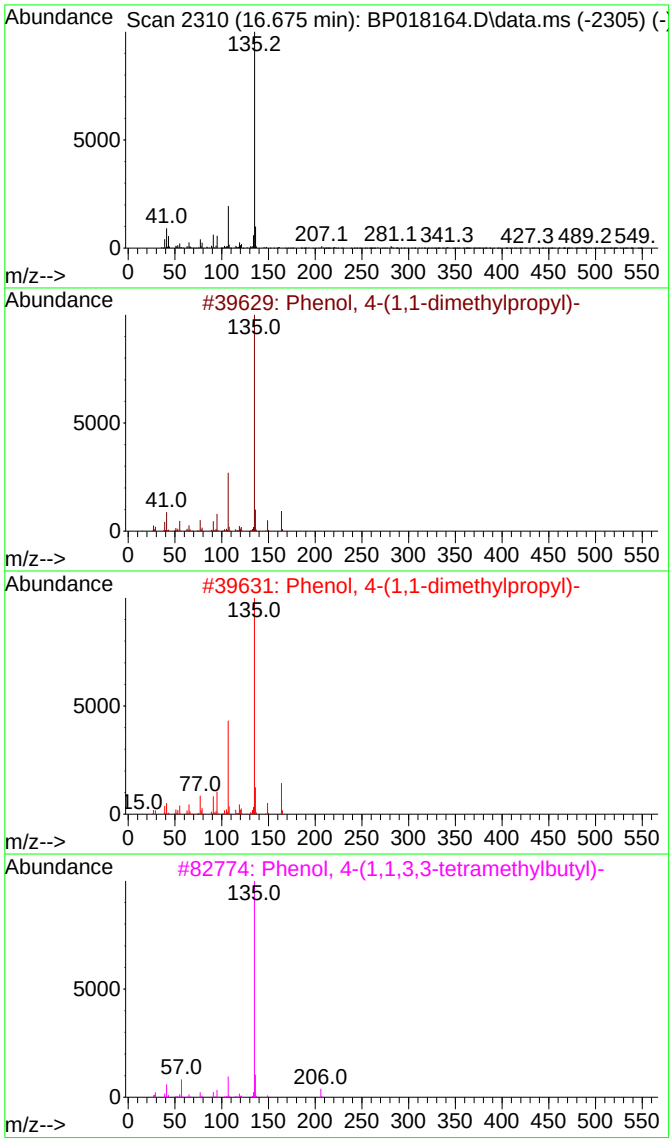
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
Quant Title : SVOA CALIBRATION

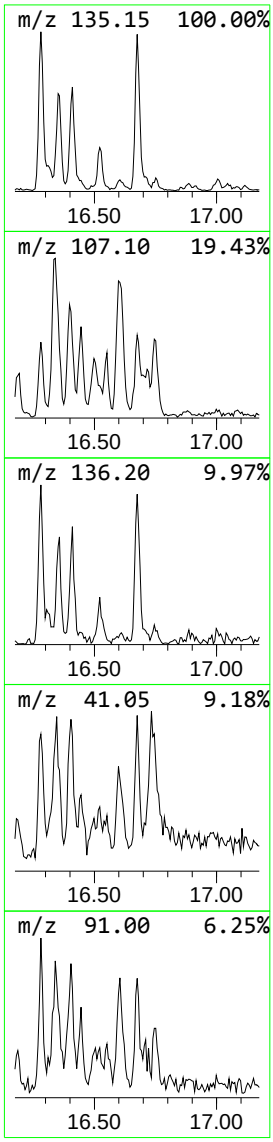
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Phenol, 4-(1,1-dimethylprop... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.675	2.04 ng/ul	76595	Phenanthrene-d10	17.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	78
2	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	72
3	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	64
4	Benzoic acid, 4-(bromomethyl)-	214	C8H7BrO2	006232-88-8	64
5	Phenol, 2-(1,1,3,3-tetramethylbu...	206	C14H22O	003884-95-5	64





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Data File : BP018164.D
Acq On : 14 Nov 2023 20:06
Operator : MA/JU
Sample : 05337-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCDJ5

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

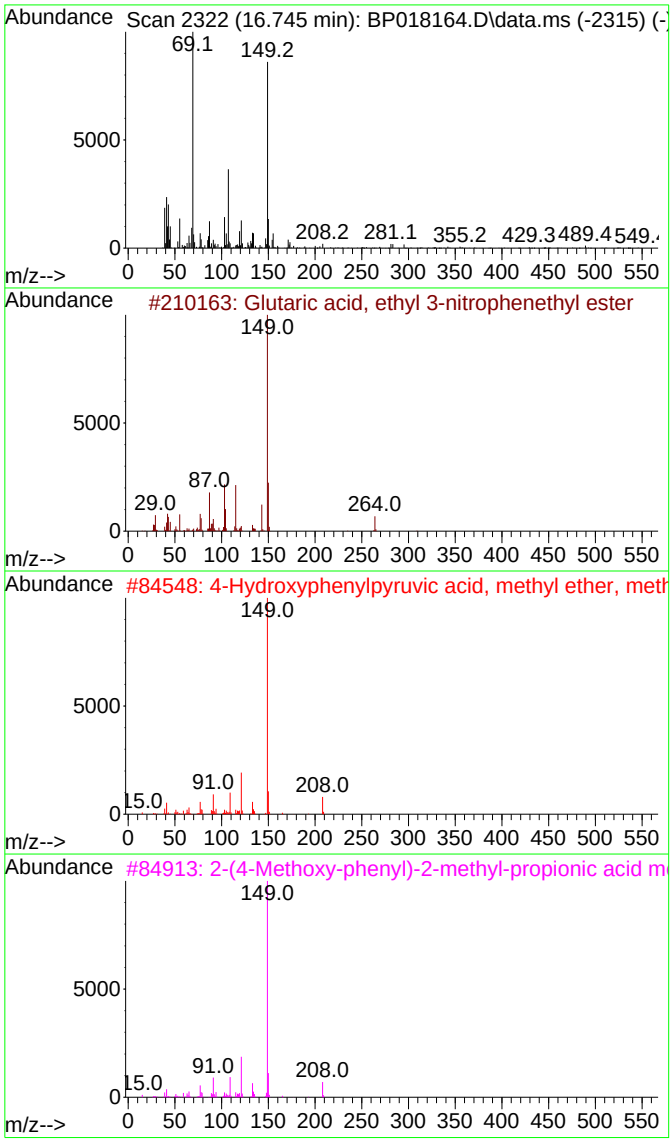
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

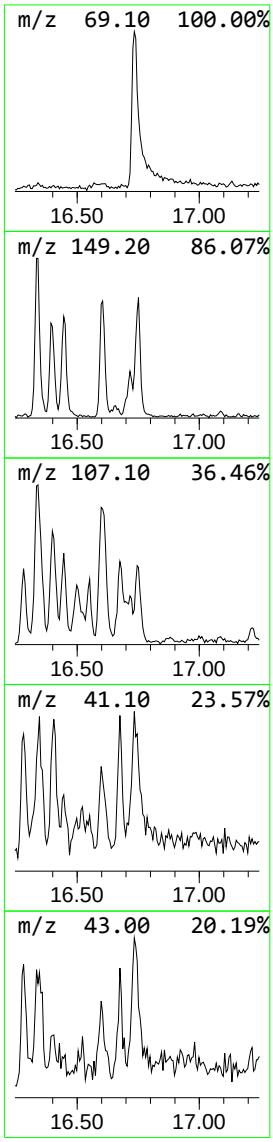
****

Peak Number 7 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.745	2.80 ng/ul	104980	Phenanthrene-d10	17.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Glutaric acid, ethyl 3-nitrophen...	309	C15H19NO6	1000376-74-4	43
2	4-Hydroxyphenylpyruvic acid, met...	208	C11H12O4	1000332-83-9	38
3	2-(4-Methoxy-phenyl)-2-methyl-pr...	208	C12H16O3	006274-50-6	38
4	Glutaric acid, hexyl 3-nitrophen...	365	C19H27NO6	1000376-74-9	38
5	1,3-Cyclopentadiene, 5,5-dimethy...	178	C13H22	1000163-88-0	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111423\
Data File : BP018164.D
Acq On : 14 Nov 2023 20:06
Operator : MA/JU
Sample : 05337-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCDJ5

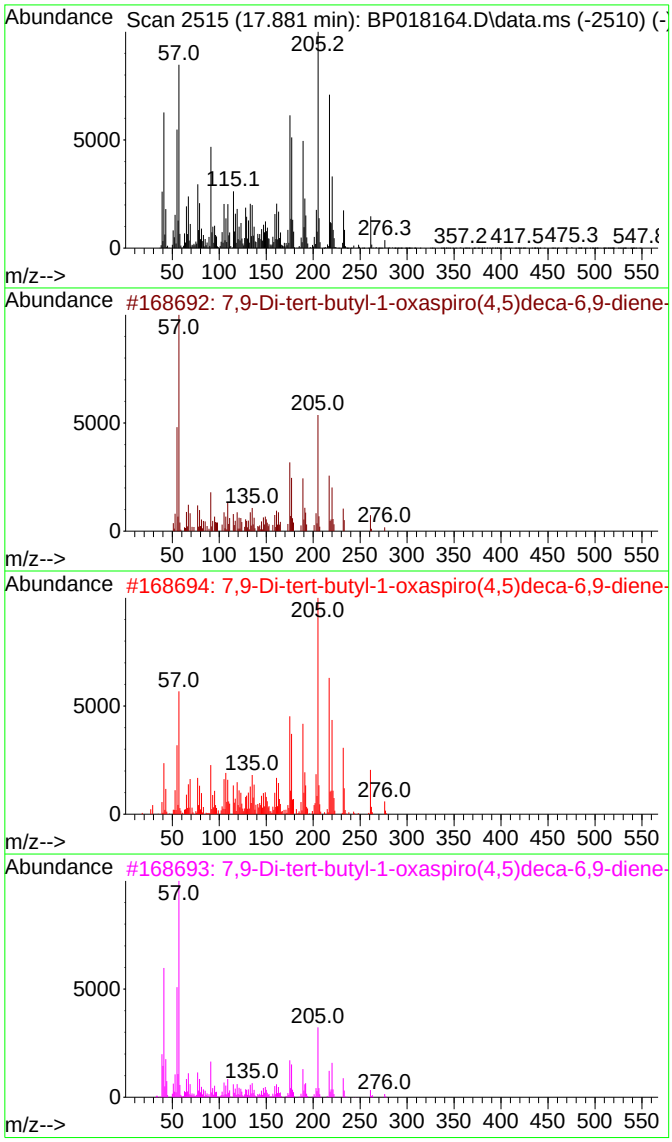
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
Quant Title : SVOA CALIBRATION

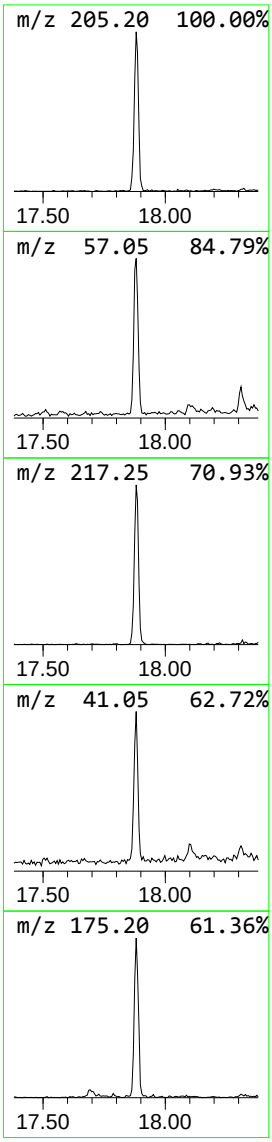
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.881	7.85 ng/ul	294559	Phenanthrene-d10	17.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	99
2	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	95
3	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	89
4	1-(3-Amino-4,6-dimethylthieno[2,...	220	C11H12N2OS	052505-42-7	50
5	Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	45





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111423\
Data File : BP018164.D
Acq On : 14 Nov 2023 20:06
Operator : MA/JU
Sample : 05337-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCDJ5

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
1-(trans-4-Hydr...	11.416	2.5	ng/ul	57533	2	10.604	459471	20.0
4-(1,1-Dimethyl...	16.281	2.2	ng/ul	81032	4	17.251	750435	20.0
Ethanol, 2-(3,3...	16.339	3.7	ng/ul	137638	4	17.251	750435	20.0
4-(7-Methylocty...	16.404	2.7	ng/ul	102762	4	17.251	750435	20.0
Acetamide, N-(3...	16.598	2.4	ng/ul	89701	4	17.251	750435	20.0
Phenol, 4-(1,1-...	16.675	2.0	ng/ul	76595	4	17.251	750435	20.0
unknown-01	16.745	2.8	ng/ul	104980	4	17.251	750435	20.0
7,9-Di-tert-but...	17.881	7.8	ng/ul	294559	4	17.251	750435	20.0