LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072821\
Data File : BG049541.D
Acq On : 28 Jul 2021 20:30
Operator : CG/JU
Sample : M3106-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGD18

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_G\METHODS\SFAM-EPA-BG072421.M
Title : SVOA CALIBRATION

Signal : TIC: BG049541.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.080	3	7	16	rBV	93753	186662	35.70%	3.454%
2	3.162	16	21	27	rVB	146351	221199	42.31%	4.093%
3	3.885	140	144	146	rBV5	3955	5962	1.14%	0.110%
4	3.961	155	157	161	rVB3	4510	5173	0.99%	0.096%
5	5.553	426	428	433	rVB2	963	1211	0.23%	0.022%
6	6.340	559	562	563	rBV	1182	1331	0.25%	0.025%
7	6.822	642	644	647	rBV	983	1261	0.24%	0.023%
8	7.198	703	708	722	rVB	43465	79222	15.15%	1.466%
9	7.368	731	737	745	rBV	26426	47116	9.01%	0.872%
10	7.574	766	772	780	rVB2	42060	73598	14.08%	1.362%
11	8.050	846	853	864	rBV	117298	204071	39.03%	3.776%
12	8.755	967	973	980	rBV2	47886	85598	16.37%	1.584%
13	9.213	1044	1051	1060	rBV2	42385	79194	15.15%	1.465%
14	9.941	1169	1175	1182	rBV	40674	72558	13.88%	1.342%
15	10.488	1262	1268	1278	rBV	54948	103022	19.70%	1.906%
16	10.640	1290	1294	1295	rBV	2523	2554	0.49%	0.047%
17	10.869	1325	1333	1341	rBV	156263	285248	54.56%	5.278%
18	11.005	1347	1356	1363	rBV2	48579	87749	16.78%	1.624%
19	11.956	1515	1518	1520	rVB	1232	1218	0.23%	0.023%
20	13.572	1789	1793	1796	rVB	2278	2338	0.45%	0.043%
21	14.094	1876	1882	1891	rBV	115879	177822	34.01%	3.290%
22	14.394	1926	1933	1941	rVB	117988	193259	36.96%	3.576%
23	14.700	1978	1985	1992	rBV	251489	398821	76.28%	7.379%
24	14.758	1992	1995	2000	rVB2	4451	4027	0.77%	0.075%
25	14.893	2013	2018	2029	rBV2	39844	73480	14.05%	1.360%
26	15.058	2044	2046	2049	rVB2	1651	1256	0.24%	0.023%
27	15.581	2132	2135	2138	rBV	1545	2043	0.39%	0.038%
28	15.692	2147	2154	2161	rBV	157027	240682	46.03%	4.453%
29	15.810	2168	2174	2182	rBV2	37584	61599	11.78%	1.140%
30	15.927	2190	2194	2198	rVB	2004	2637	0.50%	0.049%
31	15.974	2200	2202	2206	rBV	1643	1866	0.36%	0.035%
32	16.062	2210	2217	2221	rBV3	2835	5947	1.14%	0.110%
33	16.121	2221	2227	2232	rBV2	4440	8835	1.69%	0.163%
34	16.209	2237	2242	2247	rVB2	3669	6053	1.16%	0.112%
35	16.338	2261	2264	2271	rVB3	4116	7480	1.43%	0.138%
36	16.427	2273	2279	2284	rBV	21744	31058	5.94%	0.575%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072821\
Data File : BG049541.D
Acq On : 28 Jul 2021 20:30
Operator : CG/JU
Sample : M3106-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGD18

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_G\METHODS\SFAM-EPA-BG072421.M
Title : SVOA CALIBRATION

37	16.521	2290	2295	2299	rBV	52542	72081	13.79%	1.334%
38	16.579	2300	2305	2311	rVB3	40116	81509	15.59%	1.508%
39	16.638	2311	2315	2319	rBV2	46662	66044	12.63%	1.222%
40	16.685	2319	2323	2327	rVB	31049	41295	7.90%	0.764%
41	16.738	2327	2332	2333	rBV	9763	13362	2.56%	0.247%
42	16.838	2344	2349	2356	rVB4	47191	87393	16.72%	1.617%
43	16.908	2356	2361	2365	rBV	54637	82100	15.70%	1.519%
44	16.979	2370	2373	2381	rVB3	32323	51039	9.76%	0.944%
45	17.108	2390	2395	2396	rBV	2272	2062	0.39%	0.038%
46	17.190	2406	2409	2411	rBV	1875	2070	0.40%	0.038%
47	17.361	2435	2438	2445	rVB3	6341	9767	1.87%	0.181%
48	17.449	2445	2453	2464	rBV	317735	483196	92.42%	8.940%
49	17.549	2464	2470	2479	rVV2	165939	258394	49.42%	4.781%
50	17.637	2481	2485	2489	rVV3	3287	4724	0.90%	0.087%
51	17.819	2514	2516	2518	rVB	1608	1360	0.26%	0.025%
52	17.936	2531	2536	2540	rBV	1390	1902	0.36%	0.035%
53	18.107	2562	2565	2568	rBV2	1692	1578	0.30%	0.029%
54	18.330	2597	2603	2608	rBV3	5217	7257	1.39%	0.134%
55	18.530	2634	2637	2640	rBV2	1186	1266	0.24%	0.023%
56	18.671	2658	2661	2662	rBV	1346	1518	0.29%	0.028%
57	18.864	2691	2694	2698	rVB2	2044	2943	0.56%	0.054%
58	19.000	2714	2717	2720	rVB2	1358	1704	0.33%	0.032%
59	19.229	2753	2756	2758	rBV	1759	2118	0.41%	0.039%
60	19.258	2758	2761	2765	rVV3	3241	4695	0.90%	0.087%
61	19.393	2782	2784	2787	rVB	1609	1510	0.29%	0.028%
62	19.499	2798	2802	2806	rBV2	12432	18338	3.51%	0.339%
63	19.599	2817	2819	2822	rBV2	2018	1409	0.27%	0.026%
64	19.834	2853	2859	2863	rBV	212292	313356	59.93%	5.798%
65	21.725	3175	3181	3188	rBV	290033	502808	96.17%	9.303%
66	25.009	3732	3740	3750	rVB3	179243	522839	100.00%	9.674%

Sum of corrected areas: 5404787

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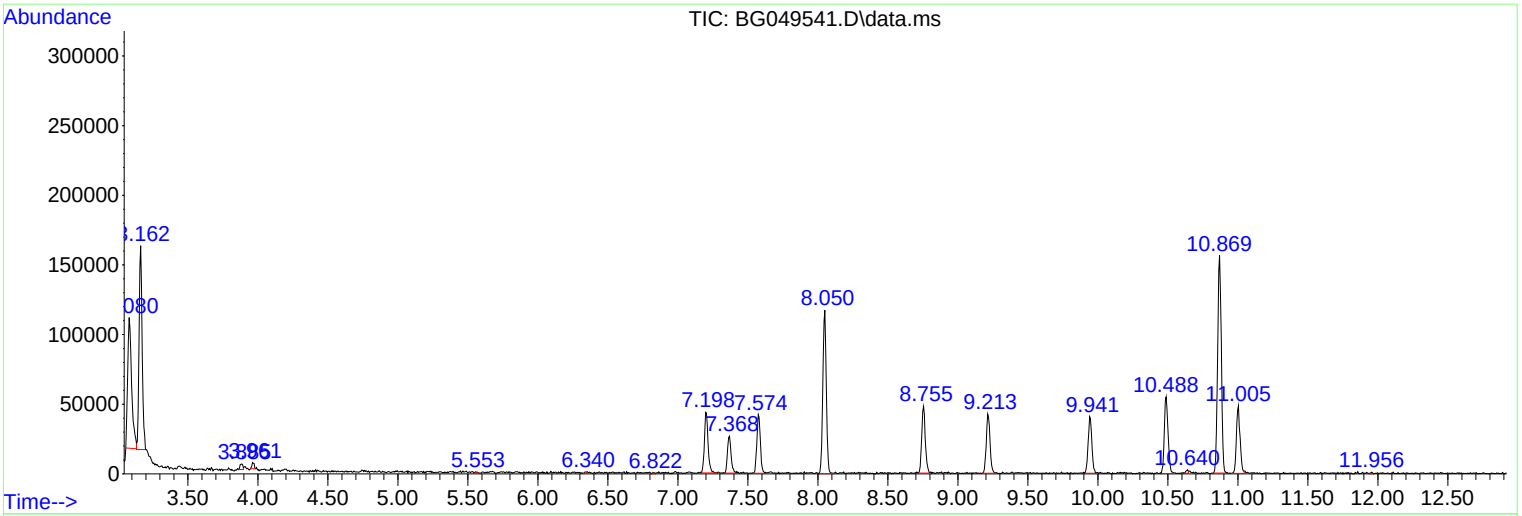
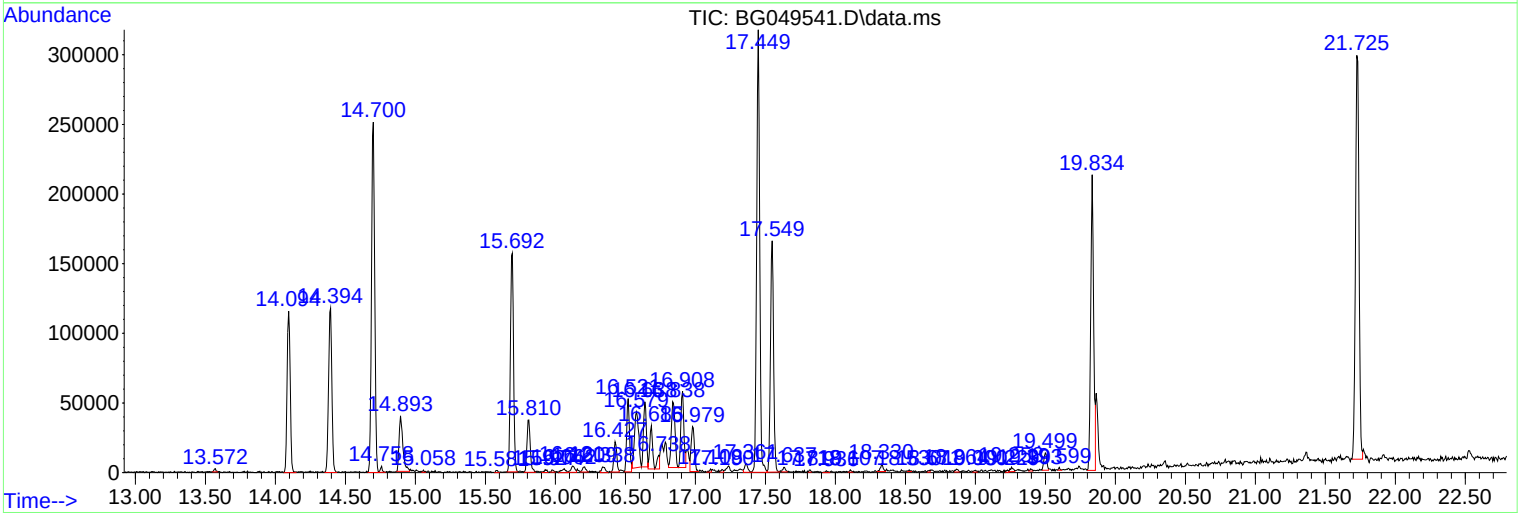
Misc :
ALS Vial : 16 Sample Multiplier: 1

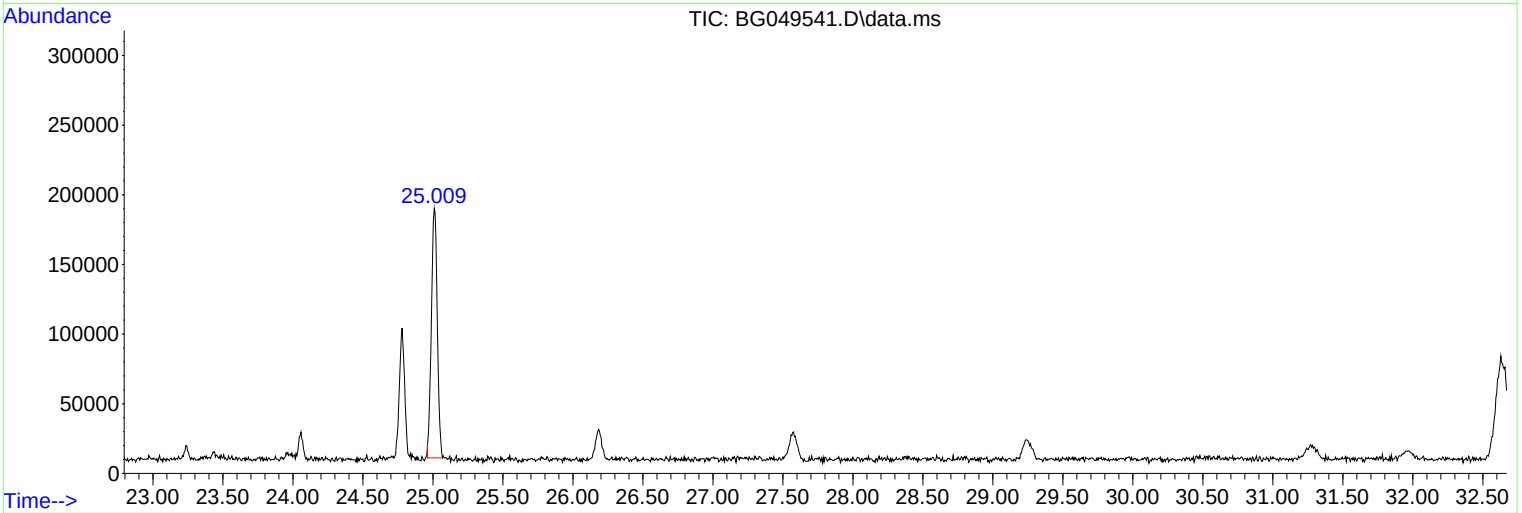
Instrument :
BNA_G
ClientSampleId :
BGD18

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION

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







Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072821\
Data File : BG049541.D
Acq On : 28 Jul 2021 20:30
Operator : CG/JU
Sample : M3106-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGD18

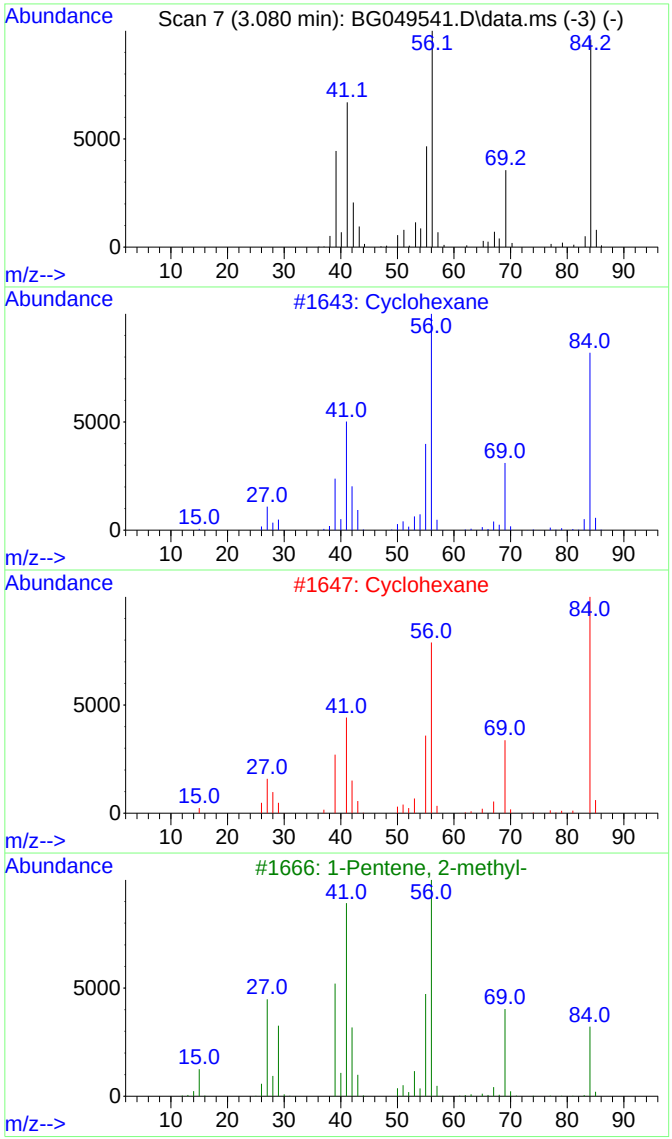
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION

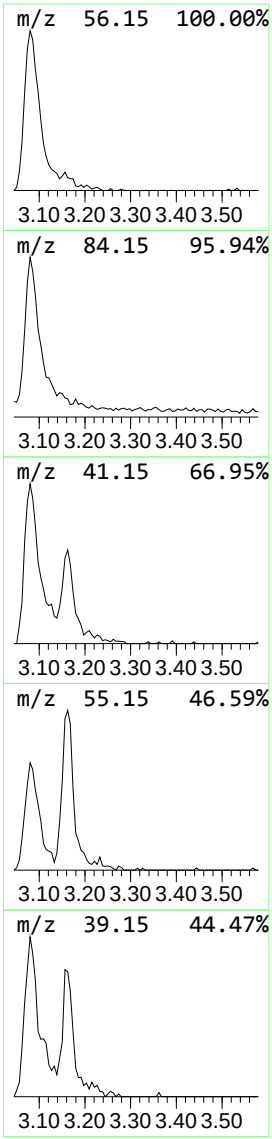
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Cyclic3.080 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.080	18.29 ng/ul	186662	1,4-Dichlorobenzene-d4	8.050

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	94
2	Cyclohexane	84	C6H12	000110-82-7	81
3	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	72
4	Cyclohexane	84	C6H12	000110-82-7	68
5	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072821\
Data File : BG049541.D
Acq On : 28 Jul 2021 20:30
Operator : CG/JU
Sample : M3106-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGD18

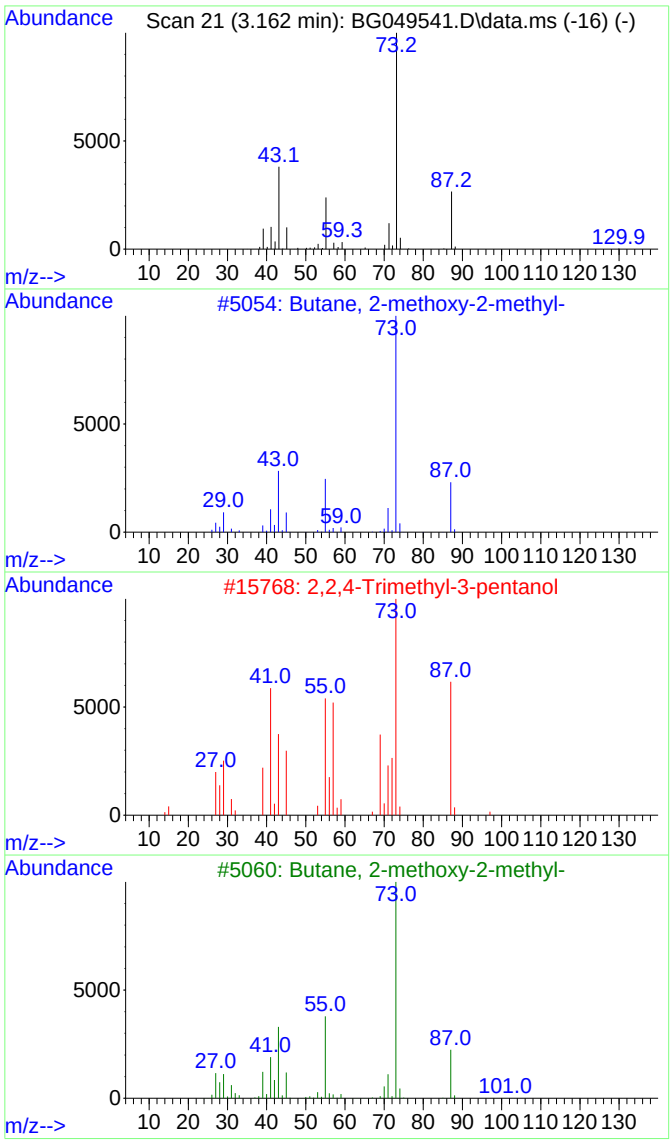
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION

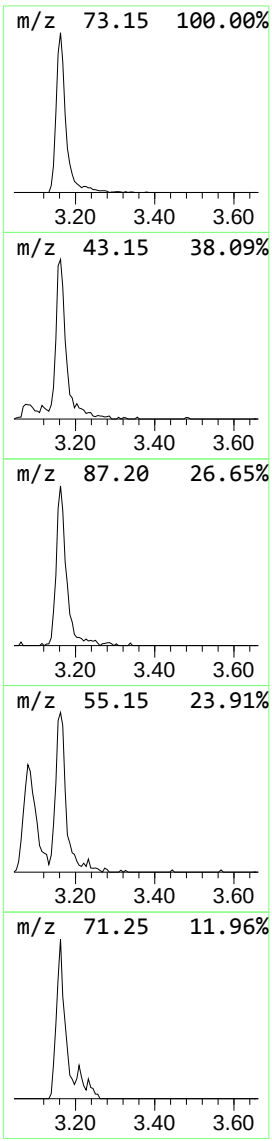
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.162	21.68 ng/ul	221199	1,4-Dichlorobenzene-d4	8.050

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	64
3	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
4	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
5	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	33





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072821\
Data File : BG049541.D
Acq On : 28 Jul 2021 20:30
Operator : CG/JU
Sample : M3106-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGD18

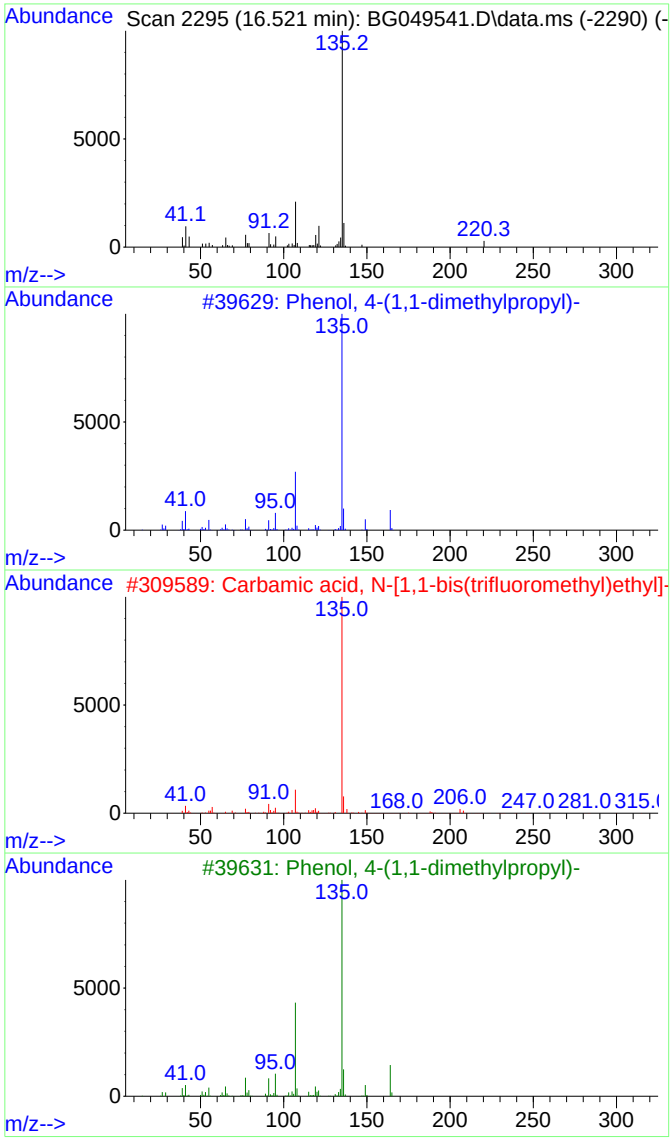
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION

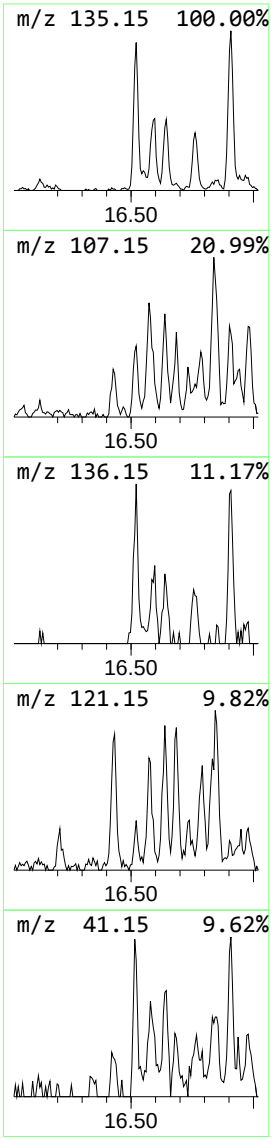
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.521	2.98 ng/ul	72081	Phenanthrene-d10	17.449

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	72
2	Carbamic acid, N-[1,1-bis(triflu...	413	C19H25F6NO2	296242-69-8	72
3	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	72
4	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	64
5	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072821\
Data File : BG049541.D
Acq On : 28 Jul 2021 20:30
Operator : CG/JU
Sample : M3106-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGD18

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION

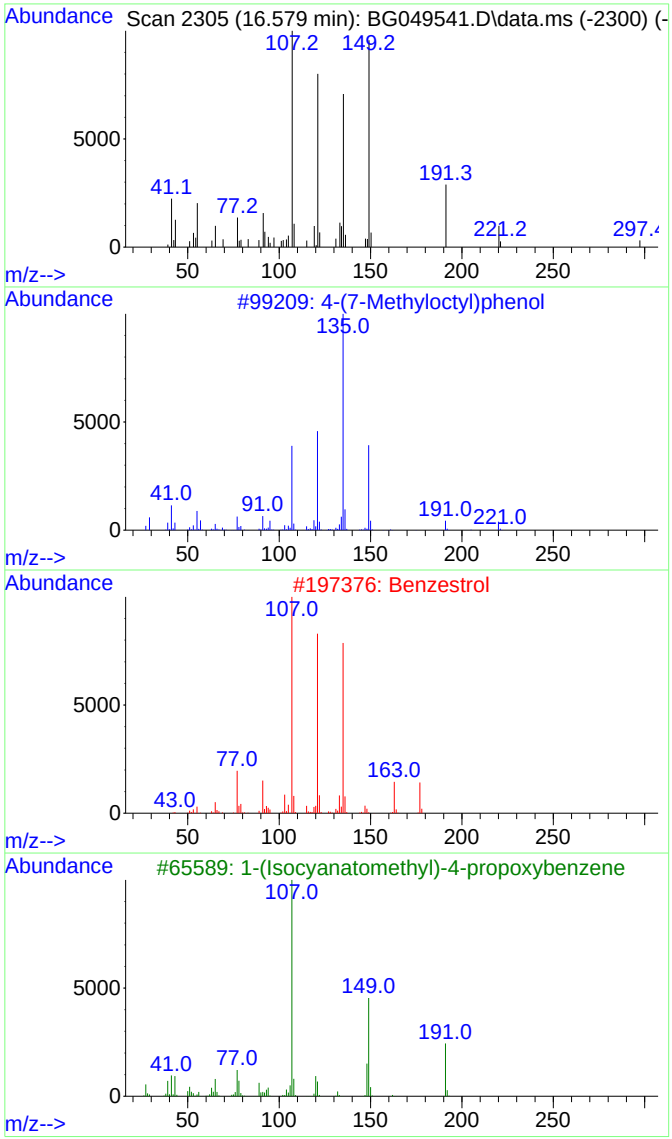
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

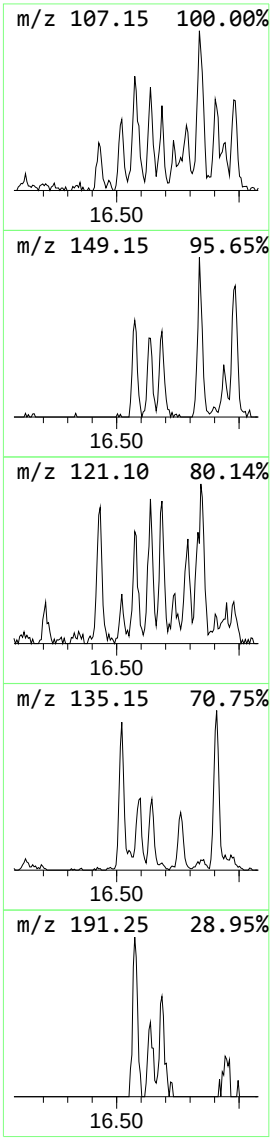
****

Peak Number 4 4-(7-Methyloctyl)phenol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.579	3.37 ng/ul	81509	Phenanthrene-d10	17.449

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(7-Methyloctyl)phenol	220	C15H24O	024518-48-7	74
2	Benzestrol	298	C20H26O2	000085-95-0	52
3	1-(Isocyanatomethyl)-4-propoxybe...	191	C11H13NO2	936095-07-7	35
4	Phenol, 2-(1,1-dimethylethyl)-4-...	164	C11H16O	002409-55-4	35
5	Gardamide	191	C12H17NO	084434-18-4	22





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072821\
Data File : BG049541.D
Acq On : 28 Jul 2021 20:30
Operator : CG/JU
Sample : M3106-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGD18

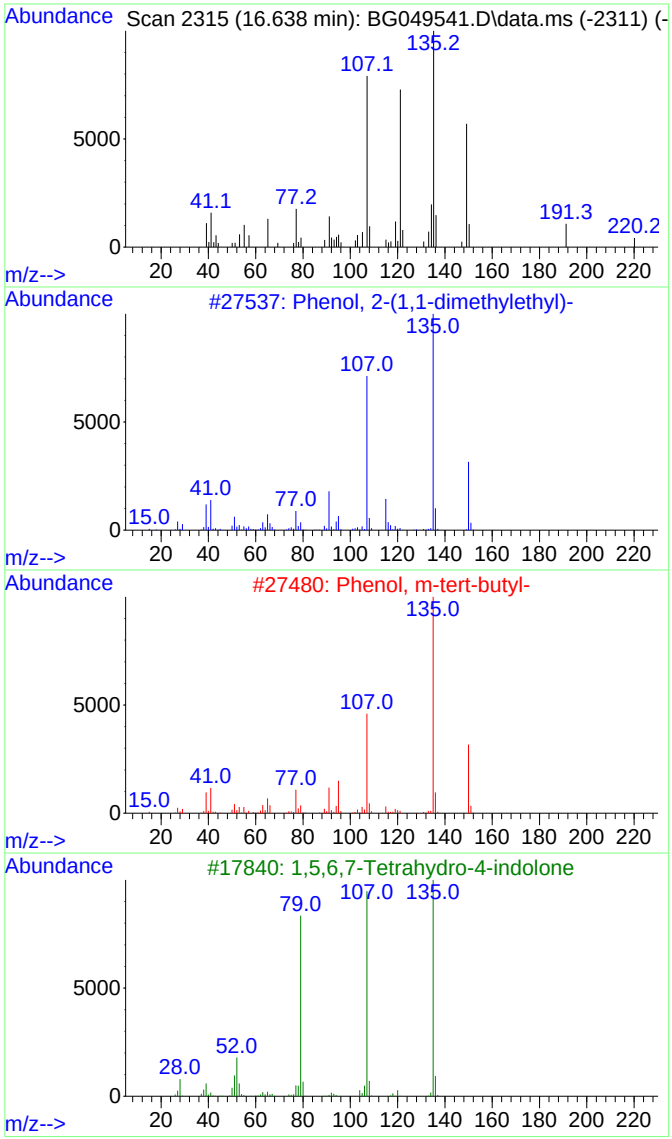
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION

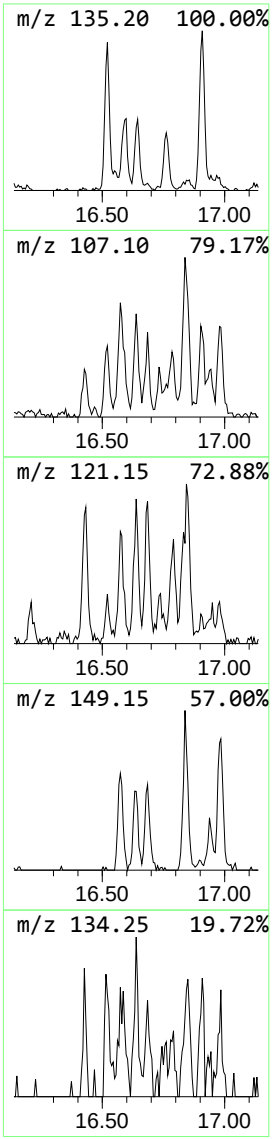
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Phenol, 2-(1,1-dimethylethyl)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.638	2.73 ng/ul	66044	Phenanthrene-d10	17.449

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-(1,1-dimethylethyl)-	150	C10H14O	000088-18-6	58
2	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	50
3	1,5,6,7-Tetrahydro-4-indolone	135	C8H9NO	013754-86-4	47
4	Benzestrol	298	C20H26O2	000085-95-0	43
5	Silane, trimethylphenyl-	150	C9H14Si	000768-32-1	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072821\
Data File : BG049541.D
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Operator : CG/JU
Sample : M3106-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGD18

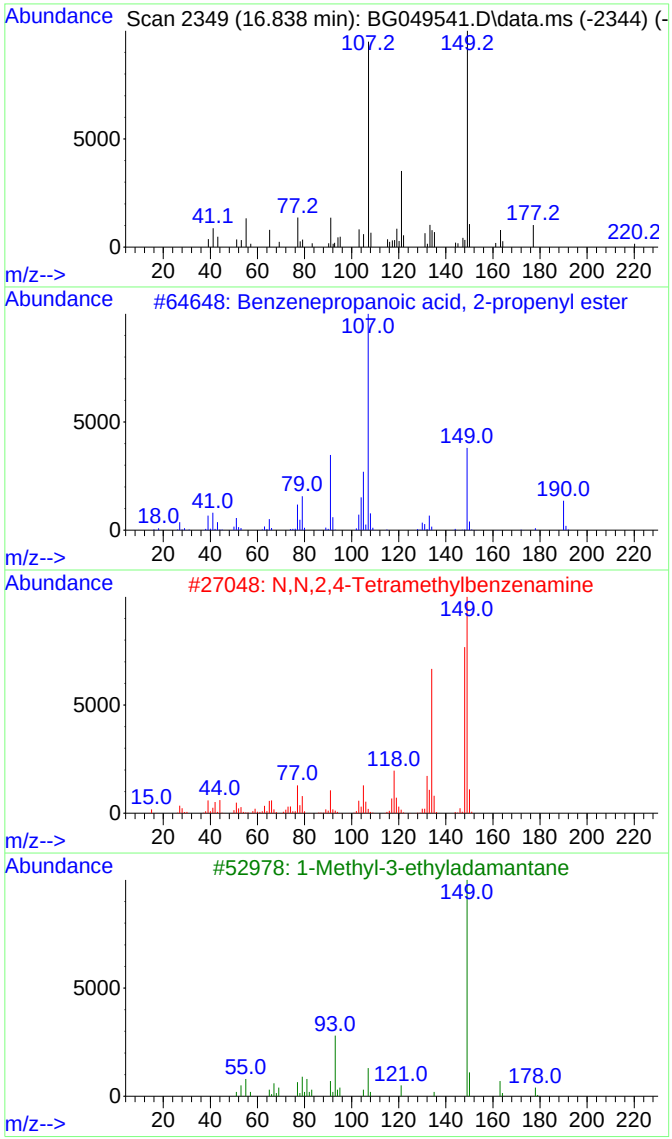
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION

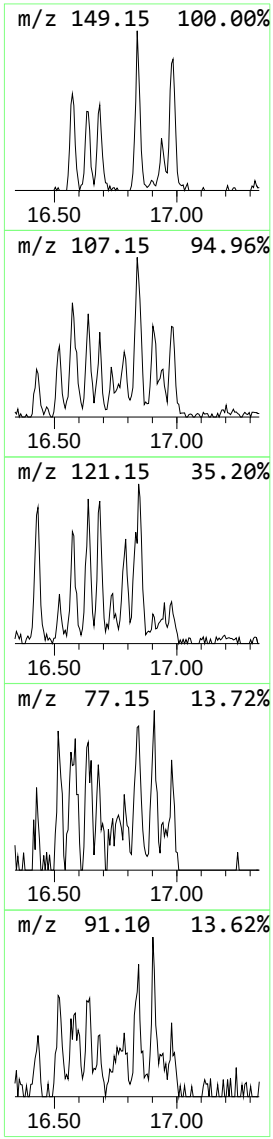
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzenepropanoic acid, 2-pr... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.838	3.62 ng/ul	87393	Phenanthrene-d10	17.449

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenepropanoic acid, 2-propeny...	190	C12H14O2	015814-45-6	50
2	N,N,2,4-Tetramethylbenzenamine	149	C10H15N	000769-53-9	43
3	1-Methyl-3-ethyladamantane	178	C13H22	001687-34-9	43
4	Benzenemethanol, 4-(1,1-dimethyl...	164	C11H16O	000877-65-6	38
5	Phthalic acid, pentyl 1-phenylpr...	354	C22H26O4	1000324-39-1	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072821\
Data File : BG049541.D
Acq On : 28 Jul 2021 20:30
Operator : CG/JU
Sample : M3106-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGD18

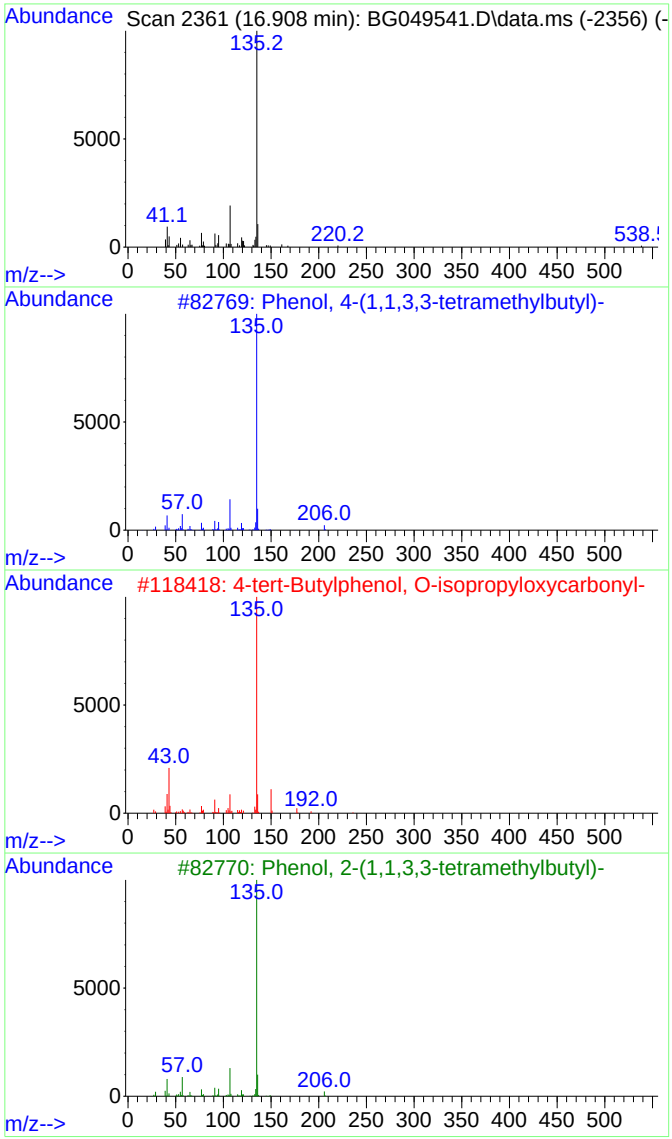
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION

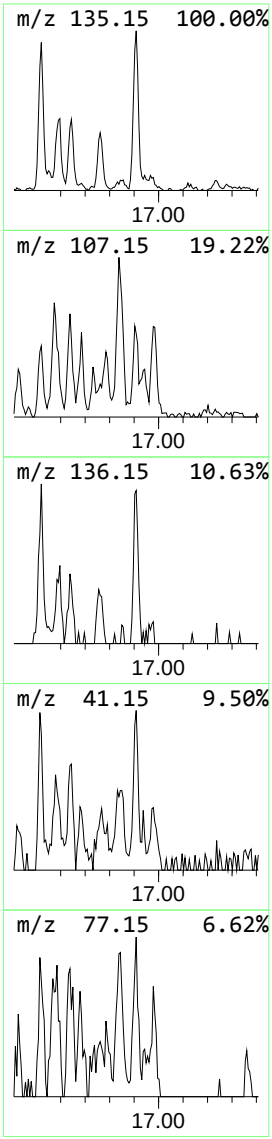
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Phenol, 4-(1,1,3,3-tetramet... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.908	3.40 ng/ul	82100	Phenanthrene-d10	17.449

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
2	4-tert-Butylphenol, O-isopropylo...	236	C14H20O3	1201410-82-3	78
3	Phenol, 2-(1,1,3,3-tetramethylbu...	206	C14H22O	003884-95-5	78
4	3-tert-Butylphenol, O-(n-propylo...	236	C14H20O3	1000487-38-2	78
5	4-(1,1-Dimethylpropyl)phenyl ace...	206	C13H18O2	1000373-45-3	72





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Data File : BG049541.D
Acq On : 28 Jul 2021 20:30
Operator : CG/JU
Sample : M3106-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGD18

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION

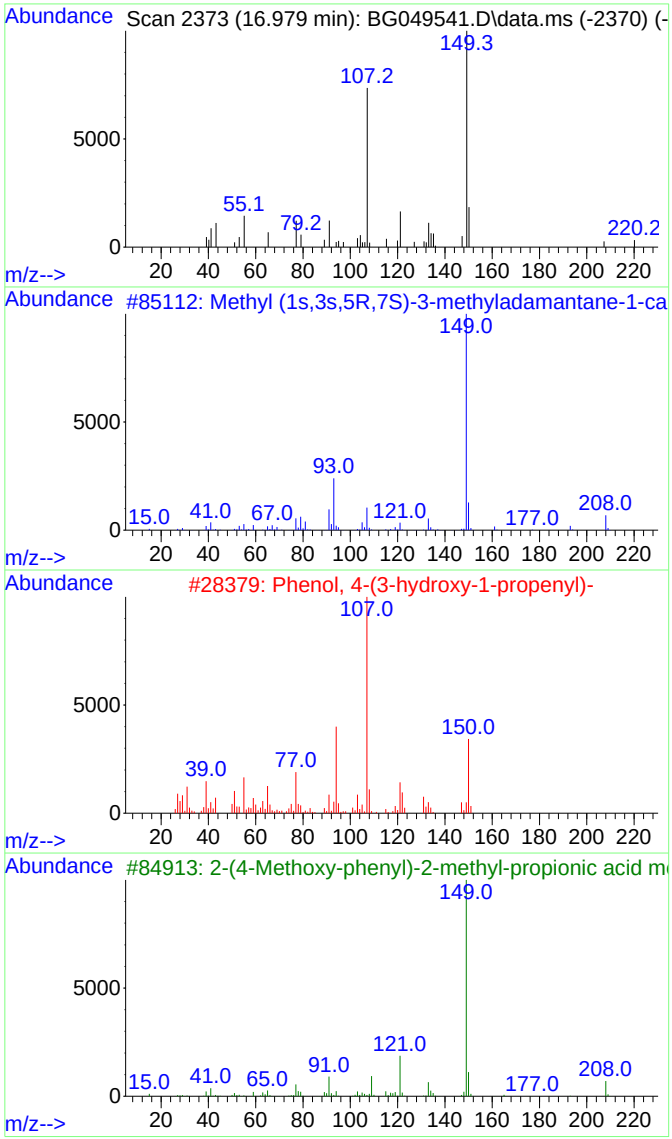
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

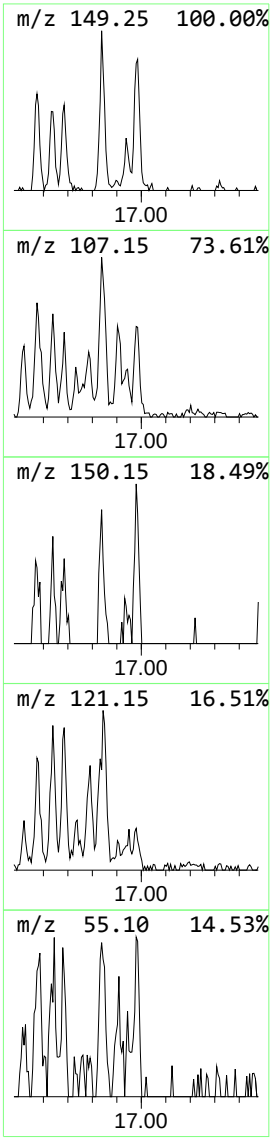
****

Peak Number 8 unknown-01 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.979	2.11 ng/ul	51039	Phenanthrene-d10	17.449

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl (1s,3s,5R,7S)-3-methylada...	208	C13H20O2	1010504-39-1	43
2	Phenol, 4-(3-hydroxy-1-propenyl)-	150	C9H10O2	003690-05-9	38
3	2-(4-Methoxy-phenyl)-2-methyl-pr...	208	C12H16O3	006274-50-6	37
4	ethanone, 1-(4-methoxy-2-methylp...	240	C16H16O2	1000401-19-7	35
5	4-Methylthieno[2,3-b]pyridine	149	C8H7NS	013362-81-7	35





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072821\
Data File : BG049541.D
Acq On : 28 Jul 2021 20:30
Operator : CG/JU
Sample : M3106-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGD18

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.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
(DEL) Alkane: C...	3.080	18.3	ng/ul	186662	1	8.050	204071	20.0
Butane, 2-metho...	3.162	21.7	ng/ul	221199	1	8.050	204071	20.0
Phenol, 4-(1,1-...	16.521	3.0	ng/ul	72081	4	17.449	483196	20.0
4-(7-Methylocty...	16.579	3.4	ng/ul	81509	4	17.449	483196	20.0
Phenol, 2-(1,1-...	16.638	2.7	ng/ul	66044	4	17.449	483196	20.0
Benzenepropanoi...	16.838	3.6	ng/ul	87393	4	17.449	483196	20.0
Phenol, 4-(1,1,...	16.908	3.4	ng/ul	82100	4	17.449	483196	20.0
unknown-01	16.979	2.1	ng/ul	51039	4	17.449	483196	20.0