LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081219\
Data File : BG042156.D
Acq On : 12 Aug 2019 21:34
Operator : HP/JU
Sample : K4161-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOE8

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\SOM-EPA-BG080319MA.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.140	5	9	28	rVB	1201585	1942906	16.36%	4.638%
2	3.405	49	54	58	rBV	16987	27641	0.23%	0.066%
3	3.440	58	60	69	rVB4	9043	16583	0.14%	0.040%
4	3.699	98	104	111	rBV4	7928	15781	0.13%	0.038%
5	4.075	163	168	173	rBV2	7452	12553	0.11%	0.030%
6	6.096	506	512	515	rBV3	7229	12633	0.11%	0.030%
7	6.701	611	615	621	rVB4	8890	13938	0.12%	0.033%
8	7.183	688	697	711	rBV2	100786	225665	1.90%	0.539%
9	7.341	717	724	735	rBV	248793	443402	3.73%	1.059%
10	7.553	752	760	770	rBV	330235	589930	4.97%	1.408%
11	8.023	833	840	849	rBV	276539	476698	4.01%	1.138%
12	8.170	859	865	872	rVB	13158	22033	0.19%	0.053%
13	8.481	909	918	926	rVB5	5684	12219	0.10%	0.029%
14	8.734	954	961	974	rBV	280752	520303	4.38%	1.242%
15	9.192	1031	1039	1050	rBV	327116	606651	5.11%	1.448%
16	9.756	1125	1135	1143	rBV2	16497	37453	0.32%	0.089%
17	9.921	1156	1163	1179	rVB	295636	547505	4.61%	1.307%
18	10.209	1203	1212	1217	rBV	60262	111963	0.94%	0.267%
19	10.256	1217	1220	1227	rVB2	18721	31087	0.26%	0.074%
20	10.467	1248	1256	1268	rBV	504596	950127	8.00%	2.268%
21	10.849	1312	1321	1327	rBV	392635	709312	5.97%	1.693%
22	10.902	1327	1330	1337	rVB3	19921	30231	0.25%	0.072%
23	10.978	1337	1343	1354	rBV	78742	166371	1.40%	0.397%
24	12.330	1570	1573	1581	rBV3	6715	12223	0.10%	0.029%
25	12.435	1587	1591	1598	rBV3	10439	22541	0.19%	0.054%
26	13.898	1832	1840	1847	rVB	90089	132419	1.11%	0.316%
27	14.086	1865	1872	1877	rBV	913769	1409167	11.86%	3.364%
28	14.128	1877	1879	1887	rVB	79643	103945	0.88%	0.248%
29	14.374	1914	1921	1932	rBV	1057574	1749708	14.73%	4.177%
30	14.686	1966	1974	1983	rBV2	649414	1055699	8.89%	2.520%
31	14.885	2000	2008	2022	rBV2	66610	166813	1.40%	0.398%
32	15.679	2136	2143	2150	rBV	1479534	2260676	19.03%	5.397%
33	15.796	2156	2163	2177	rBV	361855	565620	4.76%	1.350%
34	15.920	2177	2184	2191	rVB3	18913	35844	0.30%	0.086%

LSC Area Percent Report

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Data File : BG042156.D
Acq On : 12 Aug 2019 21:34
Operator : HP/JU
Sample : K4161-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOE8

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\SOM-EPA-BG080319MA.M
Title : SVOA CALIBRATION

35	16.325	2248	2253	2258	rBV	60969	108952	0.92%	0.260%
36	16.372	2258	2261	2272	rVV	26375	54426	0.46%	0.130%
37	16.460	2272	2276	2281	rVB5	9840	16392	0.14%	0.039%
38	17.435	2435	2442	2452	rBV2	833085	1265238	10.65%	3.020%
39	17.535	2452	2459	2467	rVV2	1525069	2371970	19.97%	5.662%
40	17.618	2467	2473	2479	rVB	93291	146831	1.24%	0.351%
41	17.994	2532	2537	2540	rBV5	7809	12566	0.11%	0.030%
42	18.041	2542	2545	2549	rVV2	17430	21036	0.18%	0.050%
43	18.328	2589	2594	2600	rBV2	71254	115823	0.98%	0.276%
44	18.663	2648	2651	2660	rVB8	12126	20652	0.17%	0.049%
45	19.263	2749	2753	2756	rBV5	15507	26053	0.22%	0.062%
46	19.457	2783	2786	2793	rVB	29309	46273	0.39%	0.110%
47	19.533	2795	2799	2805	rBV	131588	164780	1.39%	0.393%
48	19.598	2807	2810	2816	rVB8	20793	31964	0.27%	0.076%
49	19.709	2823	2829	2832	rBV3	24121	42792	0.36%	0.102%
50	19.827	2842	2849	2859	rBV	1976471	2874985	24.21%	6.863%
51	20.062	2885	2889	2896	rBV	234499	284855	2.40%	0.680%
52	20.596	2976	2980	2985	rBV2	38498	51941	0.44%	0.124%
53	20.843	3015	3022	3026	rBV	8920315	11877110	100.00%	28.354%
54	21.202	3079	3083	3087	rVB	63163	79029	0.67%	0.189%
55	21.372	3107	3112	3119	rBV2	109507	199984	1.68%	0.477%
56	21.683	3160	3165	3166	rBV	113428	157581	1.33%	0.376%
57	21.719	3166	3171	3177	rVV2	848427	1456398	12.26%	3.477%
58	21.777	3177	3181	3194	rVB	261599	514374	4.33%	1.228%
59	23.246	3427	3431	3438	rVB2	43694	75671	0.64%	0.181%
60	24.075	3567	3572	3579	rVB3	48491	104703	0.88%	0.250%
61	24.768	3678	3690	3706	rBV	1103174	3096554	26.07%	7.392%
62	24.985	3717	3727	3747	rVB2	525754	1632713	13.75%	3.898%

Sum of corrected areas: 41889286

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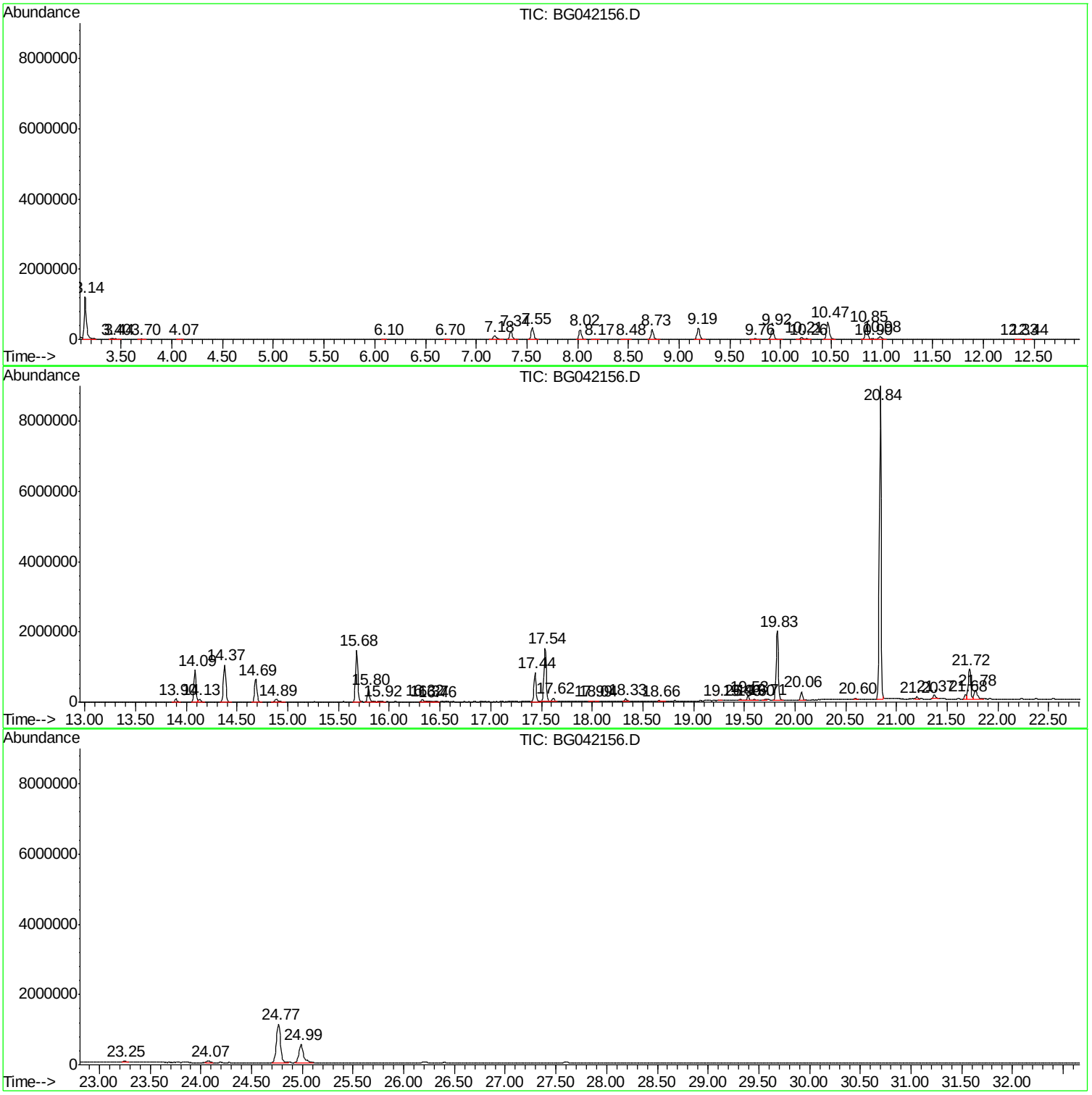
Sample : K4161-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ETOE8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

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Operator : HP/JU
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Instrument : BNA_G
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Quant Title : SVOA CALIBRATION

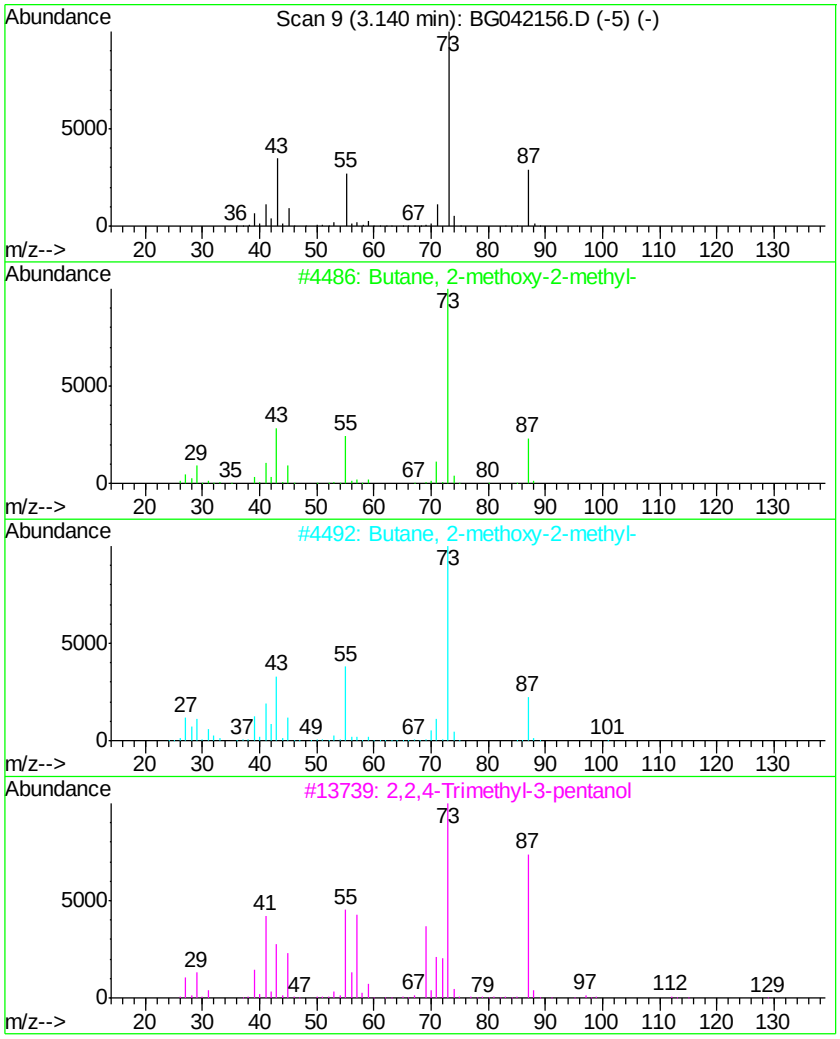
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

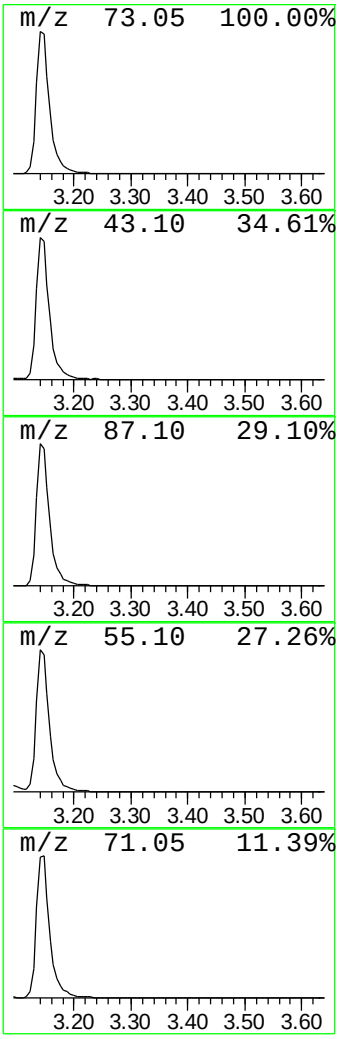
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.14	81.52 ng/ul	1942910	1,4-Dichlorobenzene-d4	8.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	74
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081219\
Data File : BG042156.D
Acq On : 12 Aug 2019 21:34
Operator : HP/JU
Sample : K4161-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOE8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

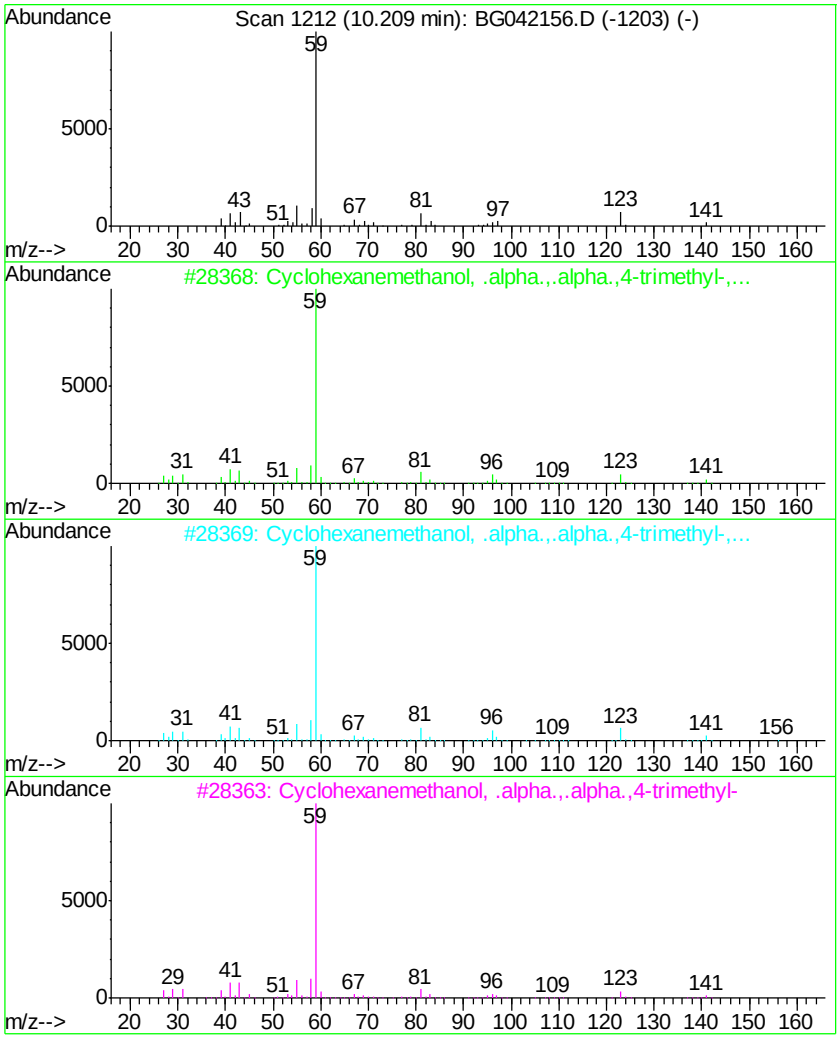
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

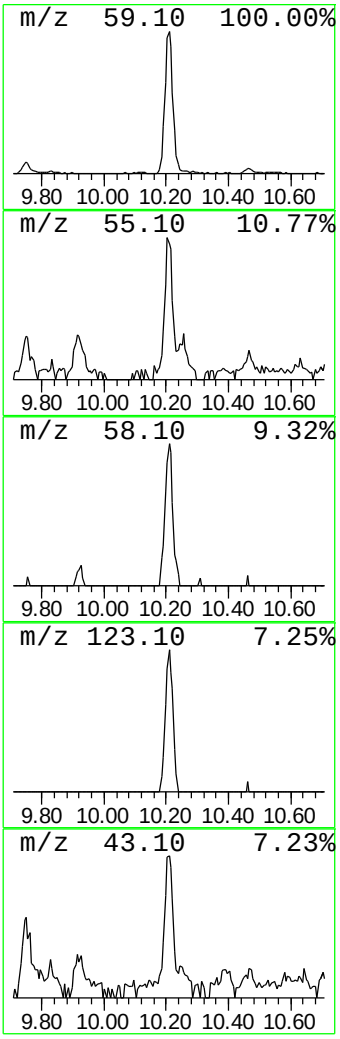
****

Peak Number 2 Cyclohexanemethanol, .alpha... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.21	3.16 ng/ul	111963	Naphthalene-d8	10.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	007322-63-6	83
2	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	005114-00-1	83
3	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	000498-81-7	83
4	Butane, 2-methoxy-3-methyl-	102	C6H14O	062016-49-3	64
5	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	000498-81-7	47





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081219\
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Sample : K4161-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOE8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

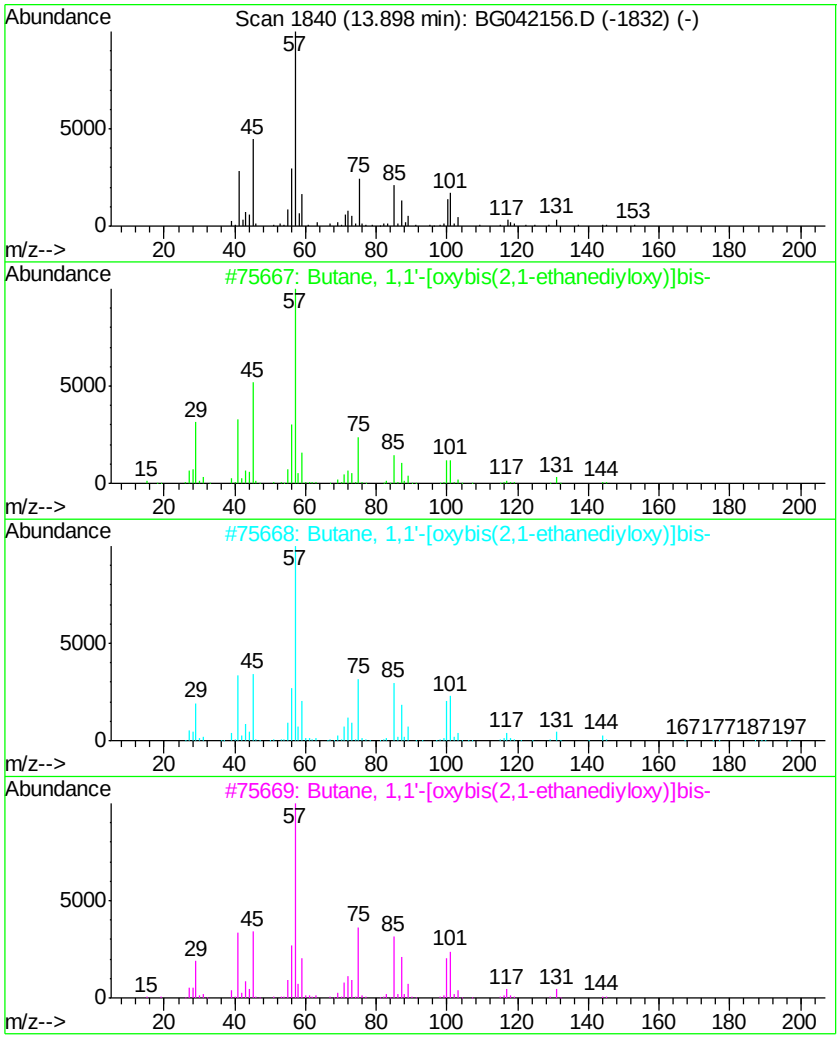
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

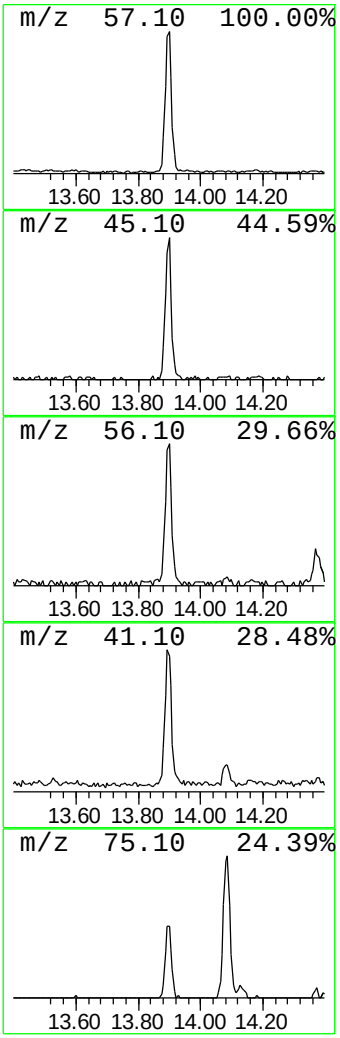
****

Peak Number 3 Butane, 1,1'-[oxybis(2,1-et... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.90	2.51 ng/ul	132419	Acenaphthene-d10	14.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 1,1'-[oxybis(2,1-ethaned...	218	C12H26O3	000112-73-2	91
2	Butane, 1,1'-[oxybis(2,1-ethaned...	218	C12H26O3	000112-73-2	58
3	Butane, 1,1'-[oxybis(2,1-ethaned...	218	C12H26O3	000112-73-2	58
4	2-Pentanol, 4,4-dimethyl-	116	C7H16O	006144-93-0	43
5	Carbonic acid, bis(1-methylpropy...	174	C9H18O3	000623-63-2	43





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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOE8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

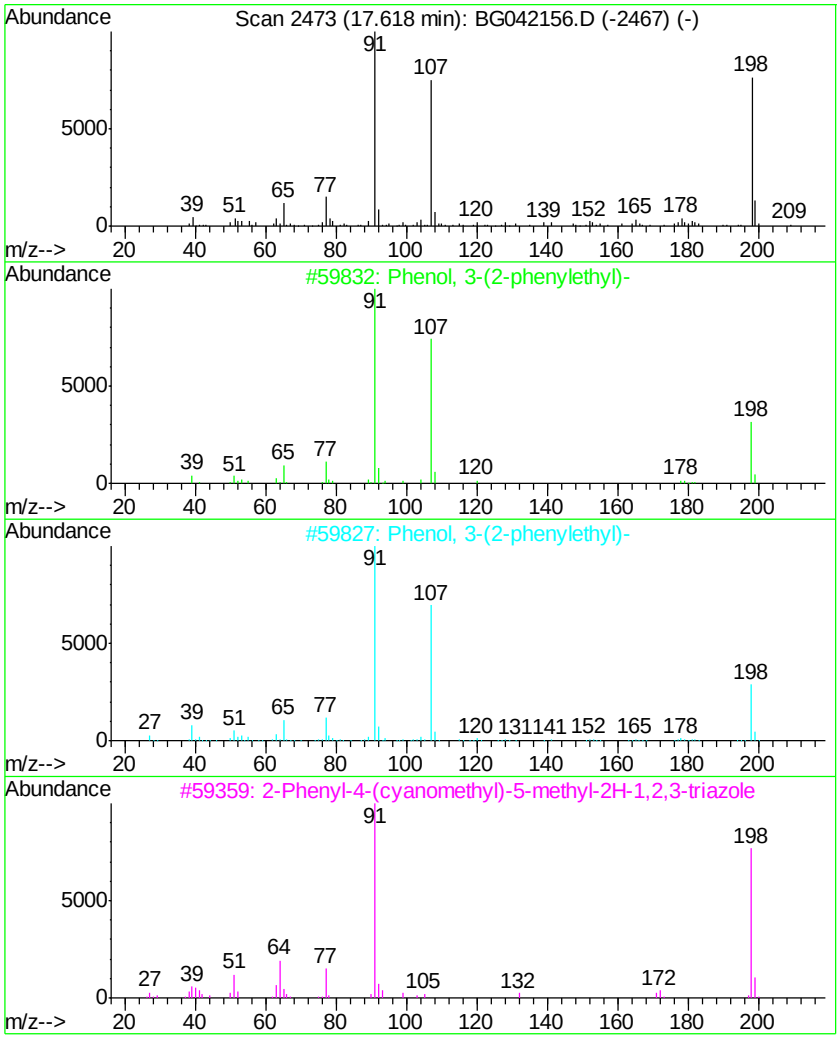
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

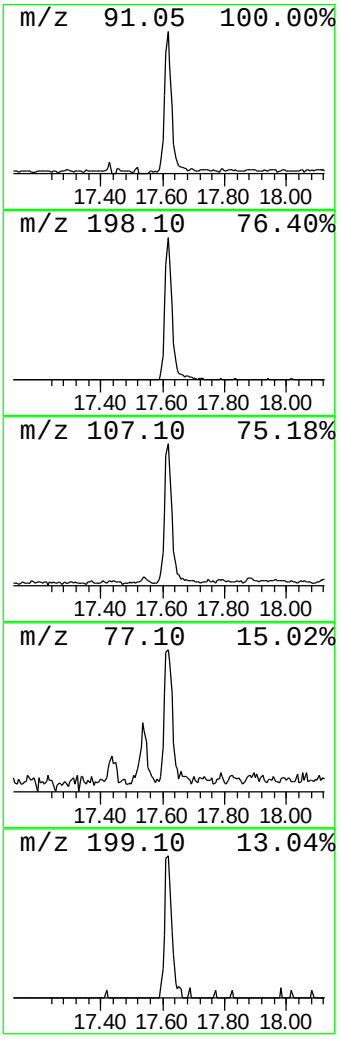
****

Peak Number 4 Phenol, 3-(2-phenylethyl)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.62	2.32 ng/ul	146831	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-(2-phenylethyl)-	198	C14H14O	033675-75-1	94
2	Phenol, 3-(2-phenylethyl)-	198	C14H14O	033675-75-1	94
3	2-Phenyl-4-(cyanomethyl)-5-methy...	198	C11H10N4	013322-20-8	43
4	Benzene, 1-methyl-2-(phenylmetho...	198	C14H14O	019578-70-2	43
5	Oxirane, 2-methyl-3-[(phenylmeth...	178	C11H14O2	116296-88-9	43





Library Search Compound Report

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Data File : BG042156.D
Acq On : 12 Aug 2019 21:34
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Sample : K4161-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOE8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

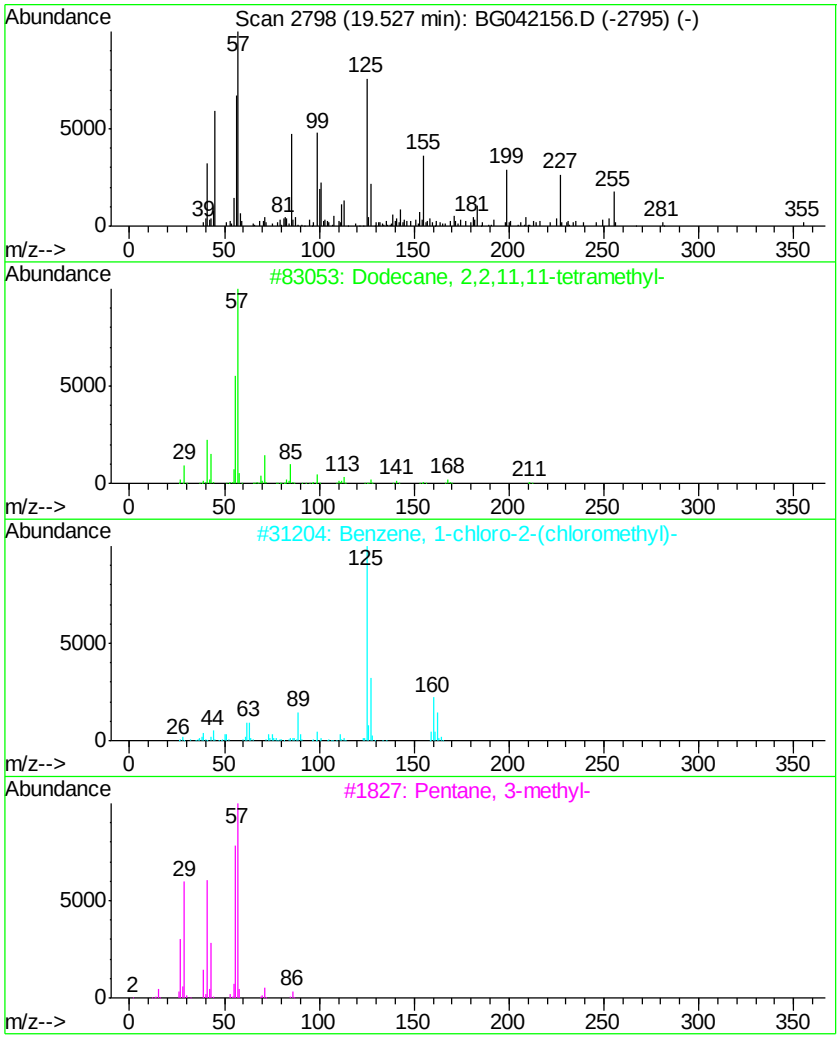
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

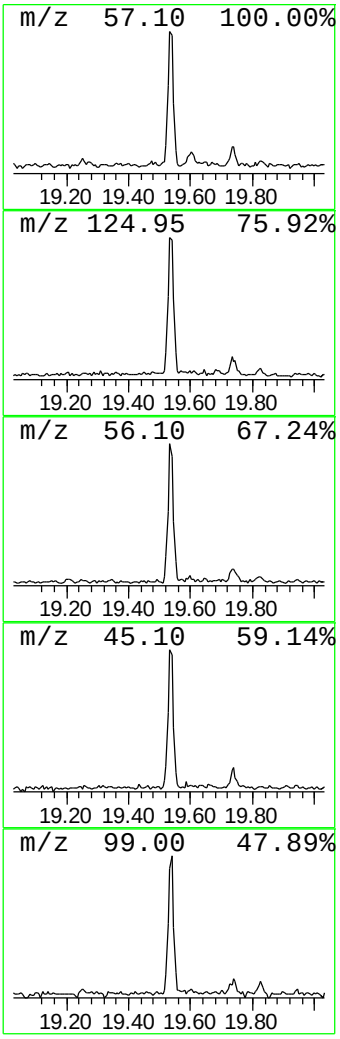
****

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.53	2.60 ng/ul	164780	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,2,11,11-tetramethyl-	226	C16H34	127204-12-0	14
2	Benzene, 1-chloro-2-(chloromethyl)-	160	C7H6Cl2	000611-19-8	11
3	Pentane, 3-methyl-	86	C6H14	000096-14-0	10
4	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	10
5	1-Pyrrolidinocarbonylmethyl pipe...	197	C10H19N3O	039890-45-4	10





Library Search Compound Report

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Instrument : BNA_G
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

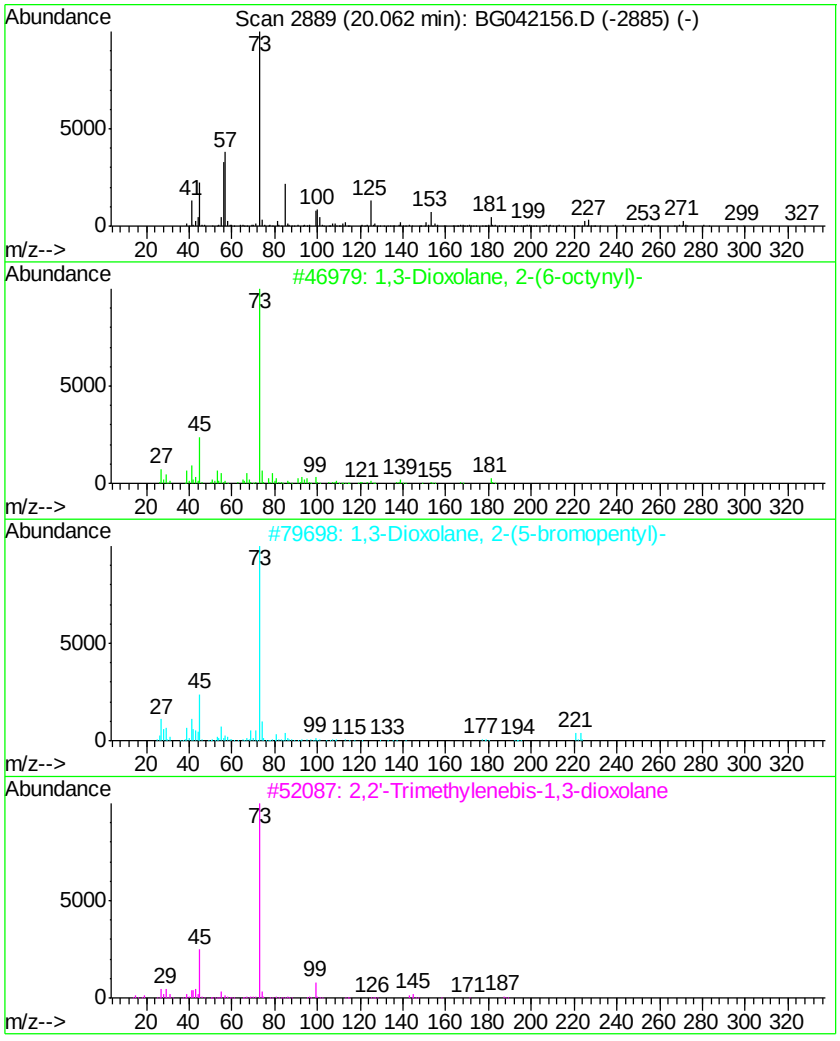
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

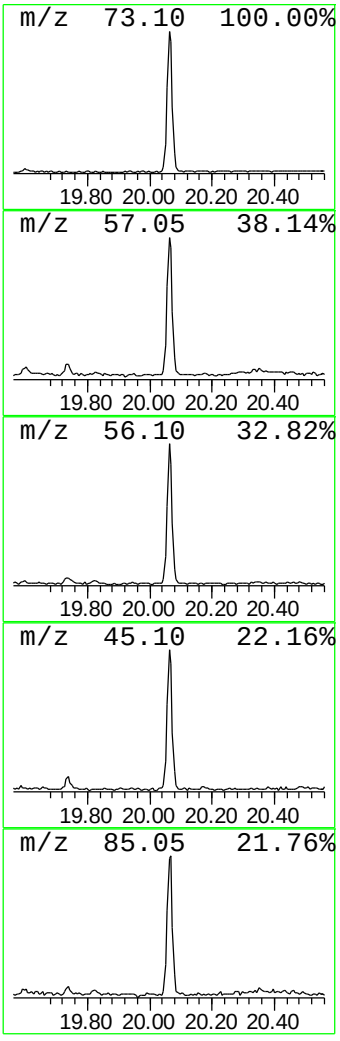
****

Peak Number 6 unknown01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.06	3.91 ng/ul	284855	Chrysene-d12	21.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolane, 2-(6-octynyl)-	182	C11H18O2	056741-65-2	27
2	1,3-Dioxolane, 2-(5-bromopentyl)-	222	C8H15BrO2	056741-68-5	16
3	2,2'-Trimethylenebis-1,3-dioxolane	188	C9H16O4	006543-04-0	16
4	2,2'-Trimethylenebis-1,3-dioxolane	188	C9H16O4	006543-04-0	12
5	1,3-Dioxolane, 2-ethyl-	102	C5H10O2	002568-96-9	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081219\
Data File : BG042156.D
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Operator : HP/JU
Sample : K4161-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOE8

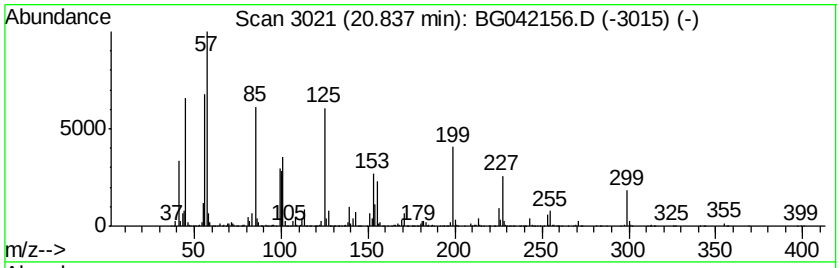
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

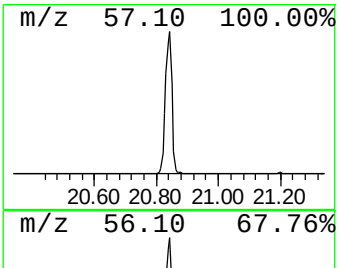
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Ethanol, 2-butoxy-, phospha... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.84	163.10 ng/ul	11877100	Chrysene-d12	21.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-butoxy-, phosphate (3:1)	398	C18H39O7P	000078-51-3	90
2	Ethanol, 2-butoxy-, phosphate (3:1)	398	C18H39O7P	000078-51-3	89
3	Ethanol, 2-butoxy-, phosphate (3:1)	398	C18H39O7P	000078-51-3	81
4	Ethanol, 2-butoxy-, phosphate (3:1)	398	C18H39O7P	000078-51-3	42
5	Thiophene-2-carbohydrazide, 5-me...	352	C16H24N4O3S	1000268-68-7	14





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081219\
Data File : BG042156.D
Acq On : 12 Aug 2019 21:34
Operator : HP/JU
Sample : K4161-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOE8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

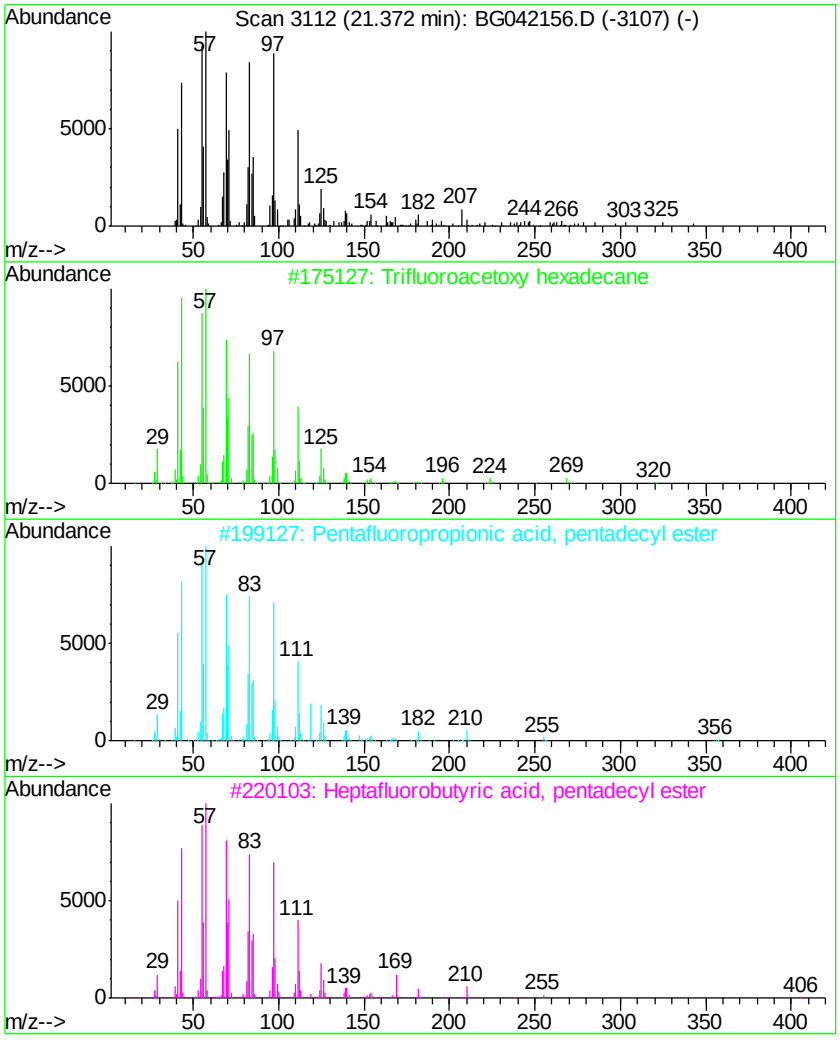
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

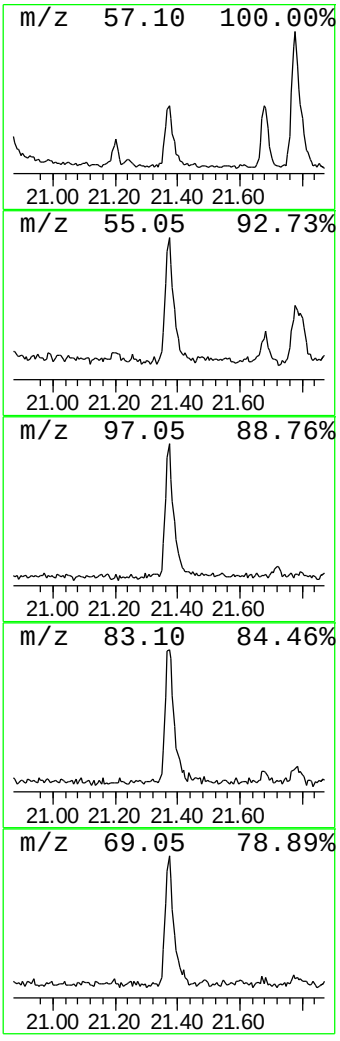
****

Peak Number 8 Trifluoroacetoxy hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.37	2.75 ng/ul	199984	Chrysene-d12	21.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
2	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	91
3	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	91
4	1-Nonadecene	266	C19H38	018435-45-5	91
5	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081219\
Data File : BG042156.D
Acq On : 12 Aug 2019 21:34
Operator : HP/JU
Sample : K4161-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOE8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

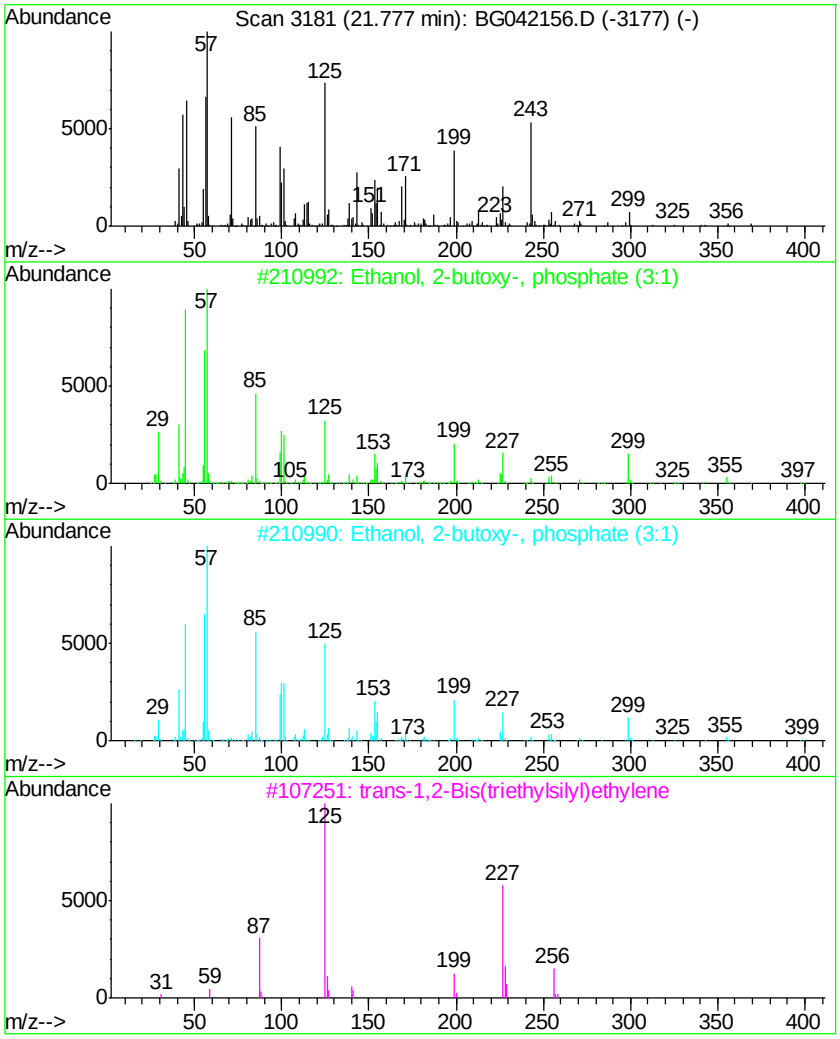
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

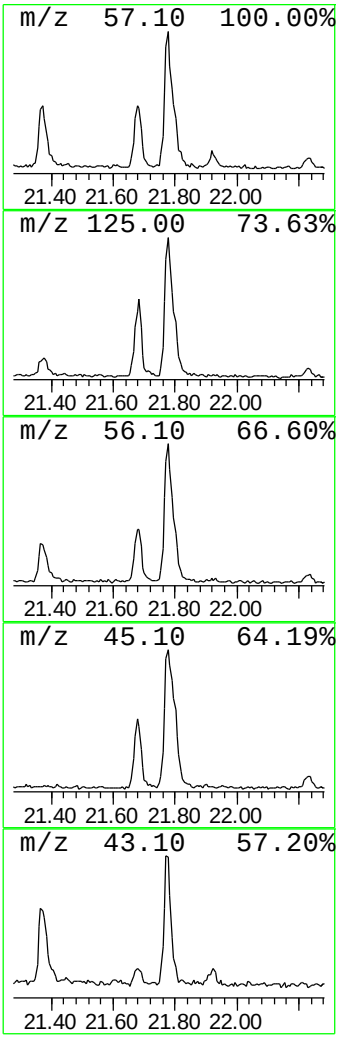
****

Peak Number 9 unknown-02 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.78	7.06 ng/ul	514374	Chrysene-d12	21.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-butoxy-, phosphate (3:1)	398	C18H39O7P	000078-51-3	43
2	Ethanol, 2-butoxy-, phosphate (3:1)	398	C18H39O7P	000078-51-3	37
3	trans-1,2-Bis(triethylsilyl)ethy...	256	C14H32Si2	104014-90-6	14
4	2-(4-Chlorphenyl)-3-(chlomethyl)...	227	C9H7Cl2N3	1000286-43-0	14
5	Tetradecane, 4-methyl-	212	C15H32	025117-24-2	11





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081219\
Data File : BG042156.D
Acq On : 12 Aug 2019 21:34
Operator : HP/JU
Sample : K4161-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOE8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.14	81.5	ng/ul	1942910	1	8.02	476698	20.0
Cyclohexanemethan...	10.21	3.2	ng/ul	111963	2	10.85	709312	20.0
Butane, 1,1'-[oxy...	13.90	2.5	ng/ul	132419	3	14.69	1055700	20.0
Phenol, 3-(2-phen...	17.62	2.3	ng/ul	146831	4	17.44	1265240	20.0
(DEL) Alkane: Str...	19.53	2.6	ng/ul	164780	4	17.44	1265240	20.0
unknown01	20.06	3.9	ng/ul	284855	5	21.72	1456400	20.0
Ethanol, 2-butoxy...	20.84	163.1	ng/ul	11877100	5	21.72	1456400	20.0
Trifluoroacetoxy ...	21.37	2.8	ng/ul	199984	5	21.72	1456400	20.0
unknown-02	21.78	7.1	ng/ul	514374	5	21.72	1456400	20.0