LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG013019\
Data File : BG039330.D
Acq On : 30 Jan 2019 16:32
Operator : JU/SJ
Sample : K1277-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FRAC-TANK-1-2

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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\8270-BG012919.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.228	19	24	32	rBV	193556	354573	11.64%	1.895%
2	3.305	32	37	48	rVB	119759	179805	5.90%	0.961%
3	5.719	442	448	456	rVB	351548	574643	18.87%	3.071%
4	5.795	456	461	471	rVB2	18251	47077	1.55%	0.252%
5	7.311	711	719	732	rVB2	238889	486956	15.99%	2.602%
6	7.705	779	786	792	rBV	705278	1228662	40.35%	6.566%
7	7.752	792	794	802	rVB	39095	46247	1.52%	0.247%
8	7.940	817	826	834	rVB2	61205	107131	3.52%	0.572%
9	8.180	858	867	880	rBV	157715	287956	9.46%	1.539%
10	8.504	915	922	930	rBV	602123	1025033	33.66%	5.478%
11	9.355	1059	1067	1075	rBV	511374	919273	30.19%	4.912%
12	9.749	1129	1134	1140	rVB2	29590	49562	1.63%	0.265%
13	10.278	1219	1224	1231	rVB3	16023	30532	1.00%	0.163%
14	11.006	1341	1348	1361	rBV	211565	409778	13.46%	2.190%
15	12.762	1642	1647	1655	rVB2	47818	91193	2.99%	0.487%
16	13.156	1707	1714	1719	rBV3	15620	30610	1.01%	0.164%
17	13.227	1719	1726	1732	rVB3	27738	60765	2.00%	0.325%
18	13.432	1750	1761	1769	rVB	1450829	2216234	72.78%	11.843%
19	14.249	1896	1900	1906	rBV	36002	48120	1.58%	0.257%
20	14.807	1989	1995	2002	rBV2	355680	567913	18.65%	3.035%
21	15.982	2190	2195	2200	rBV	332857	460866	15.13%	2.463%
22	16.023	2200	2202	2207	rVB2	33136	40373	1.33%	0.216%
23	16.287	2240	2247	2254	rBV	1162064	1747670	57.39%	9.339%
24	16.381	2254	2263	2268	rVV	77554	121528	3.99%	0.649%
25	17.092	2380	2384	2389	rBV2	24655	35999	1.18%	0.192%
26	17.550	2455	2462	2468	rBV	462512	708164	23.26%	3.784%
27	18.408	2603	2608	2624	rBV2	141830	240037	7.88%	1.283%
28	19.054	2714	2718	2723	rBV	61226	88597	2.91%	0.473%
29	19.671	2819	2823	2832	rBV	64024	99445	3.27%	0.531%
30	20.147	2897	2904	2910	rBV	2290088	3045188	100.00%	16.273%
31	20.599	2977	2981	2989	rBV	133132	166294	5.46%	0.889%
32	21.445	3120	3125	3131	rBV	122955	178002	5.85%	0.951%
33	21.844	3186	3193	3202	rVB	503493	862440	28.32%	4.609%
34	22.021	3218	3223	3227	rBV2	33538	52739	1.73%	0.282%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG013019\
Data File : BG039330.D
Acq On : 30 Jan 2019 16:32
Operator : JU/SJ
Sample : K1277-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FRAC-TANK-1-2

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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\8270-BG012919.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	22.079	3228	3233	3243	rVV	147280	245895	8.07%	1.314%
36	22.655	3326	3331	3339	rBV2	44796	77878	2.56%	0.416%
37	23.389	3450	3456	3463	rVB	60527	112805	3.70%	0.603%
38	23.589	3486	3490	3497	rVB	23866	45496	1.49%	0.243%
39	24.094	3569	3576	3587	rBV	98619	239734	7.87%	1.281%
40	24.241	3595	3601	3609	rVB2	59462	126125	4.14%	0.674%
41	25.240	3759	3771	3782	rVB2	309681	992923	32.61%	5.306%
42	26.462	3973	3979	3987	rVB4	34870	94823	3.11%	0.507%
43	27.214	4101	4107	4120	rVB3	38014	127668	4.19%	0.682%
44	29.698	4524	4530	4531	rBV6	26214	40404	1.33%	0.216%

Sum of corrected areas: 18713156

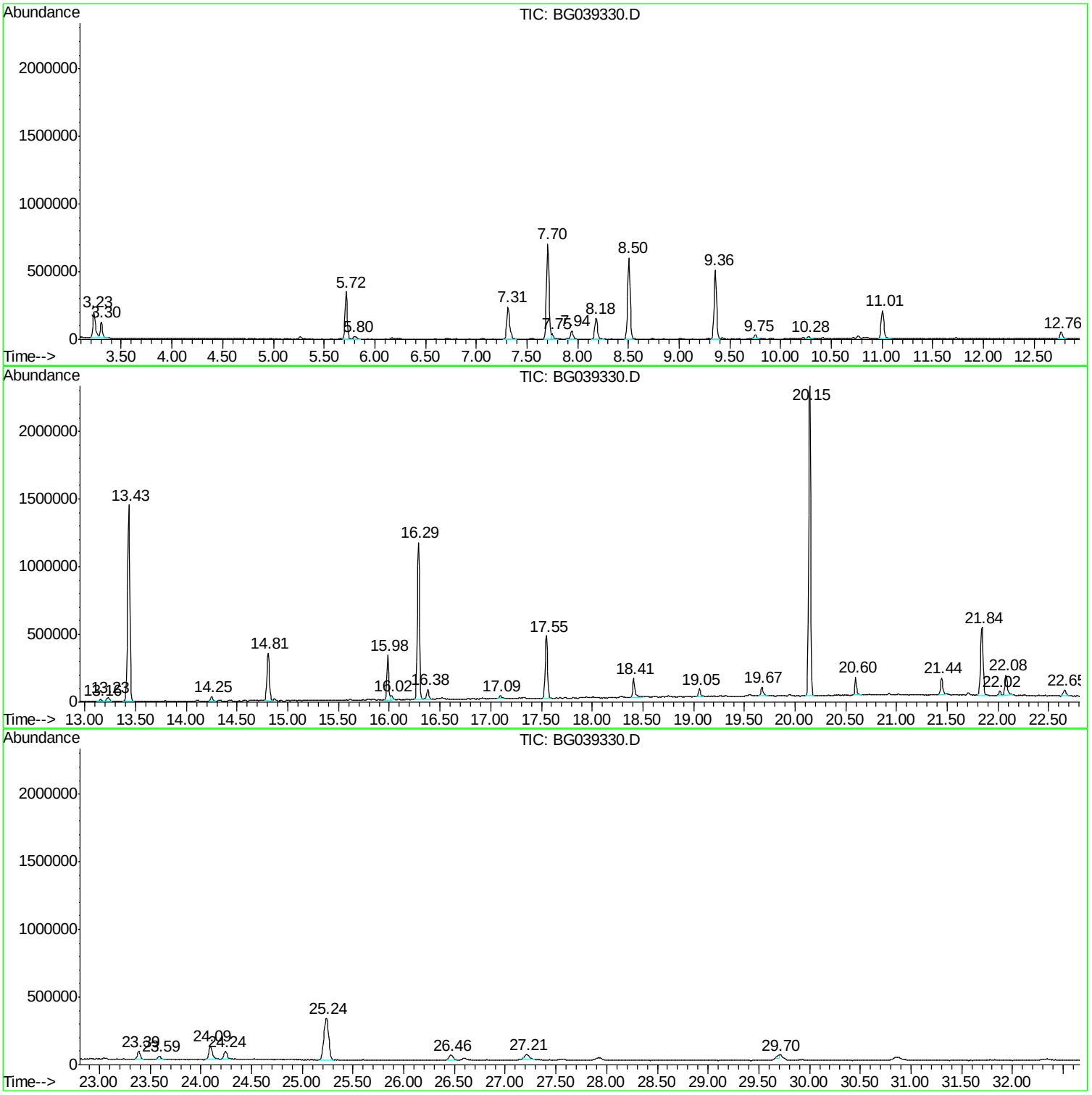
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG013019\
Data File : BG039330.D
Acq On : 30 Jan 2019 16:32
Operator : JU/SJ
Sample : K1277-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-1-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG013019\
Data File : BG039330.D
Acq On : 30 Jan 2019 16:32
Operator : JU/SJ
Sample : K1277-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FRAC-TANK-1-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

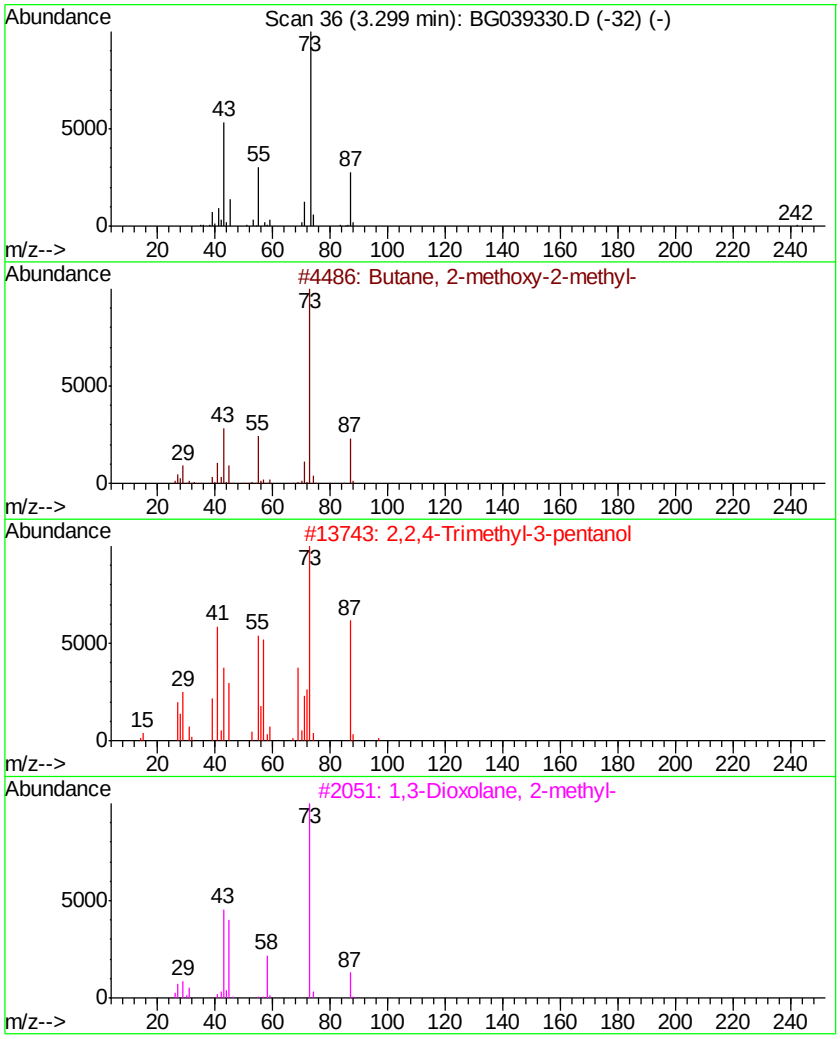
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

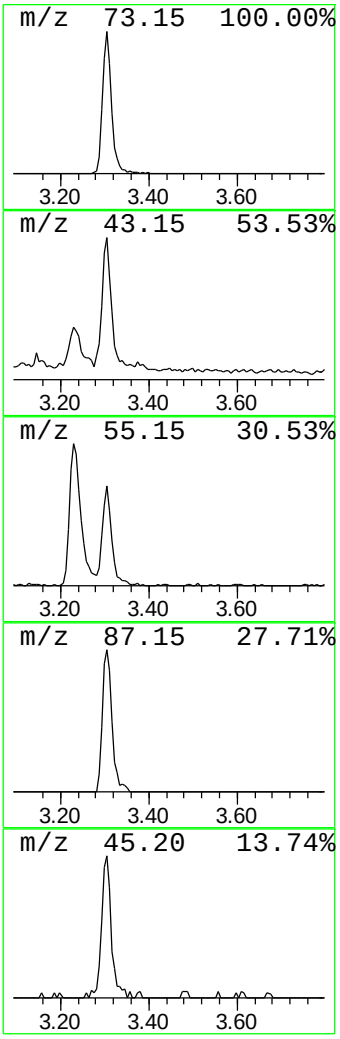
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.30	12.49 ng	179805	1,4-Dichlorobenzene-d4	8.18

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	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
4	1,3-Dioxolane, 2-(1-methylethyl)-	116	C6H12O2	000822-83-3	9
5	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG013019\
Data File : BG039330.D
Acq On : 30 Jan 2019 16:32
Operator : JU/SJ
Sample : K1277-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FRAC-TANK-1-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

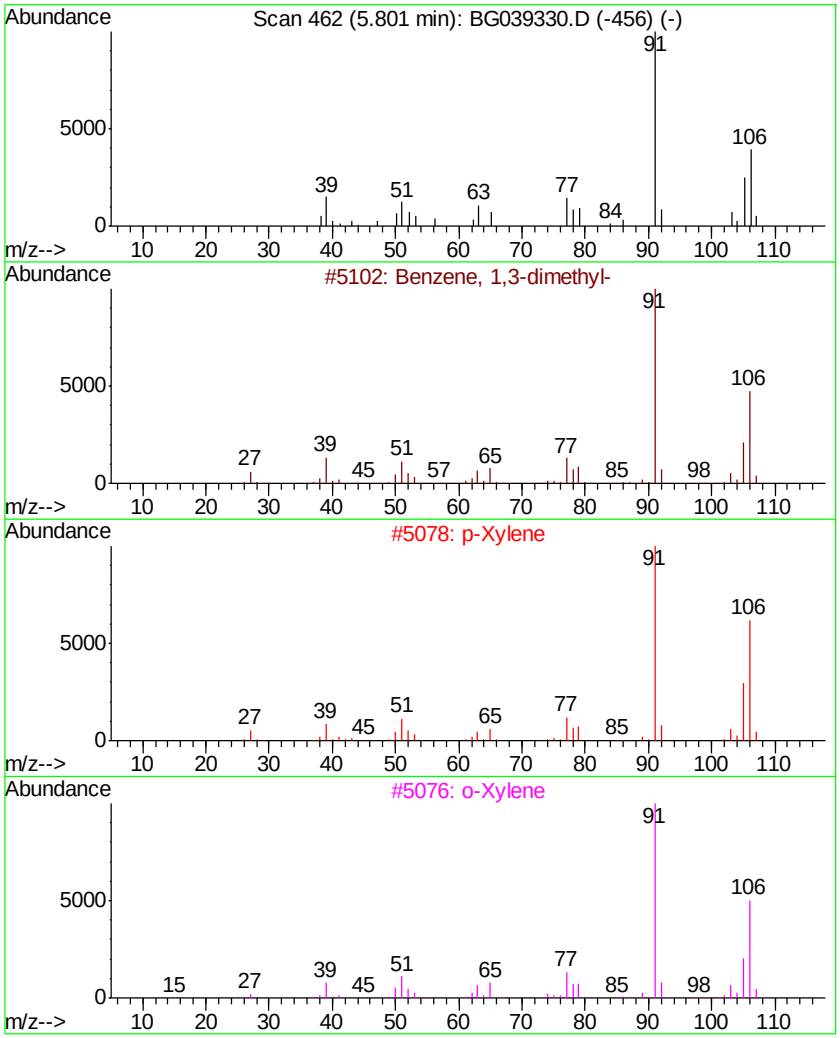
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

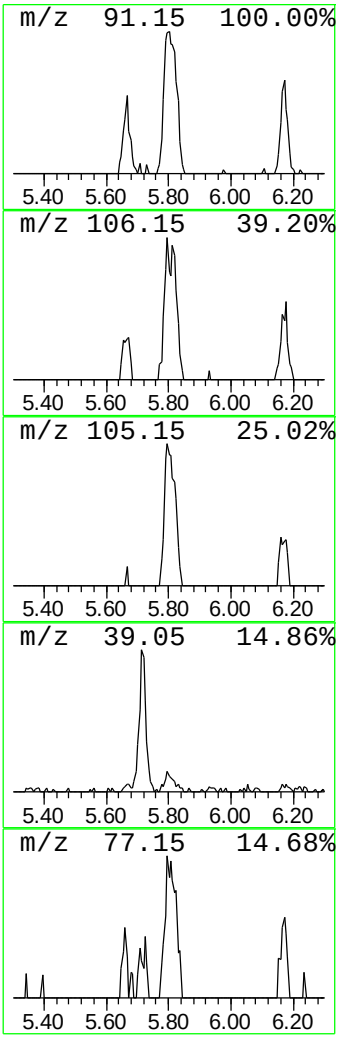
****

Peak Number 3 Benzene, 1,3-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.80	3.27 ng	47077	1,4-Dichlorobenzene-d4	8.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	91
2	p-Xylene	106	C8H10	000106-42-3	91
3	o-Xylene	106	C8H10	000095-47-6	91
4	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	90
5	1-Cyclohexene, 1-ethynyl-	106	C8H10	1000327-56-5	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG013019\
Data File : BG039330.D
Acq On : 30 Jan 2019 16:32
Operator : JU/SJ
Sample : K1277-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FRAC-TANK-1-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

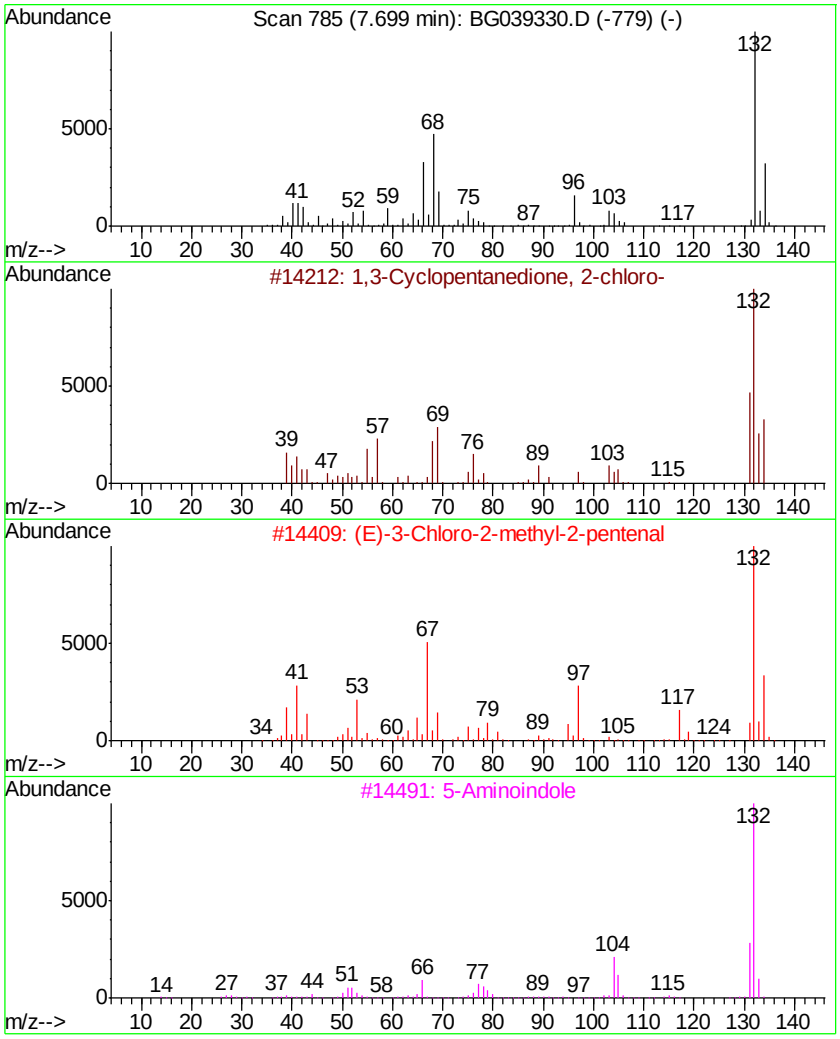
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

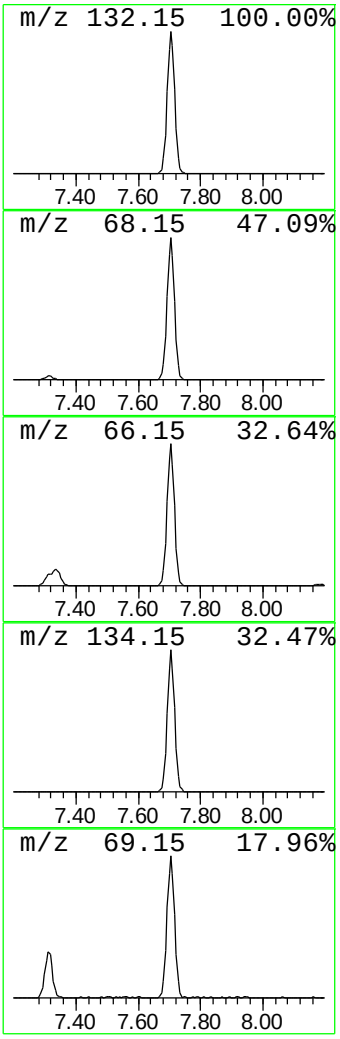
****

Peak Number 4 unknown7.70 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.70	85.34 ng	1228660	1,4-Dichlorobenzene-d4	8.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	32
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	27
3	5-Aminoindole	132	C8H8N2	005192-03-0	27
4	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	17
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16





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Data File : BG039330.D
Acq On : 30 Jan 2019 16:32
Operator : JU/SJ
Sample : K1277-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FRAC-TANK-1-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

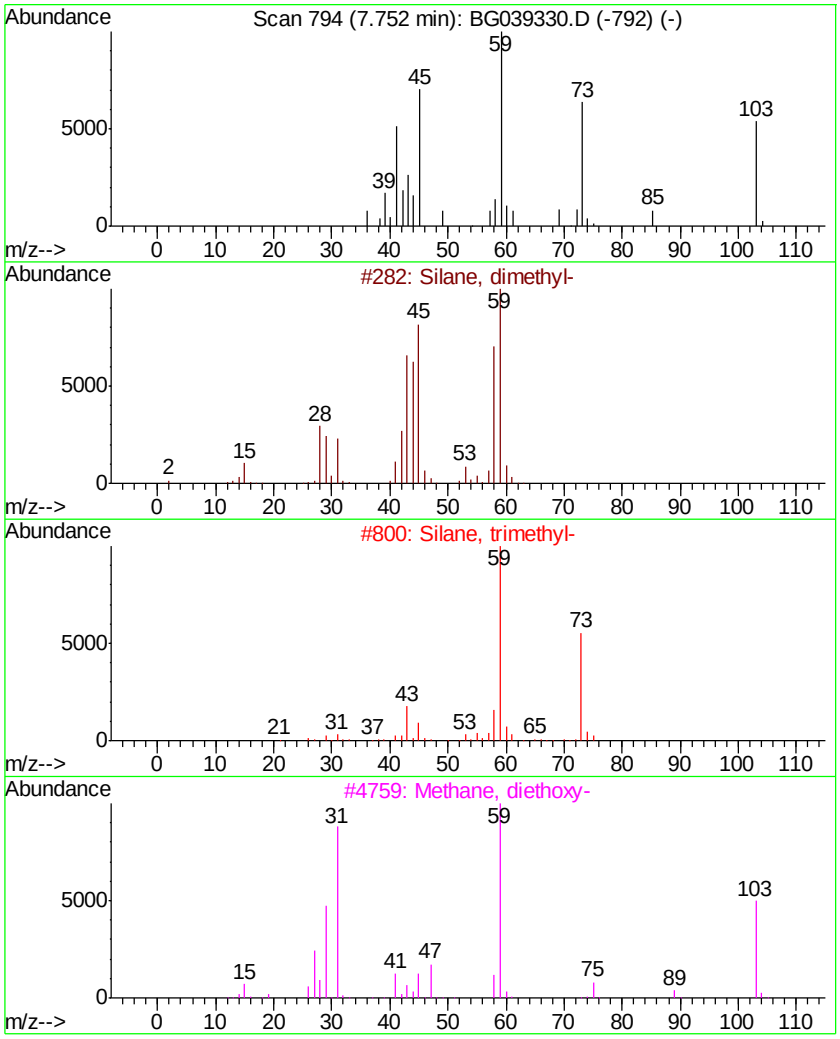
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

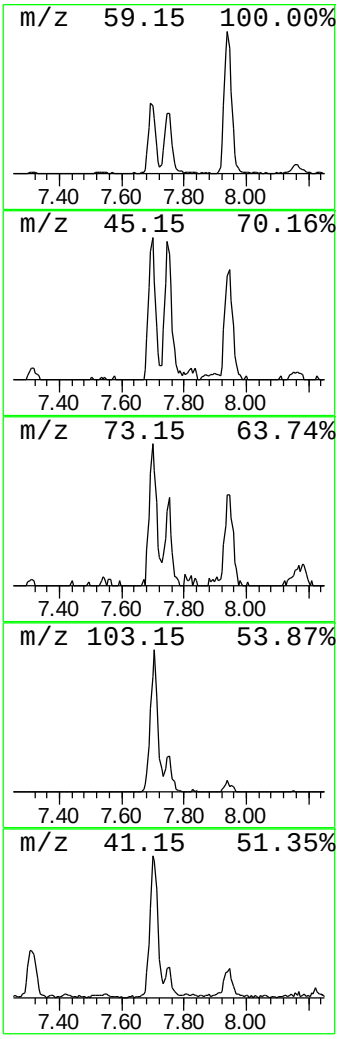
****

Peak Number 5 Silane, dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.75	3.21 ng	46247	1,4-Dichlorobenzene-d4	8.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, dimethyl-	60	C2H8Si	001111-74-6	52
2	Silane, trimethyl-	74	C3H10Si	000993-07-7	43
3	Methane, diethoxy-	104	C5H12O2	000462-95-3	42
4	3-Hexanol	102	C6H14O	000623-37-0	37
5	1-Propanol, 2,2'-oxybis-	134	C6H14O3	000108-61-2	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG013019\
Data File : BG039330.D
Acq On : 30 Jan 2019 16:32
Operator : JU/SJ
Sample : K1277-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FRAC-TANK-1-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

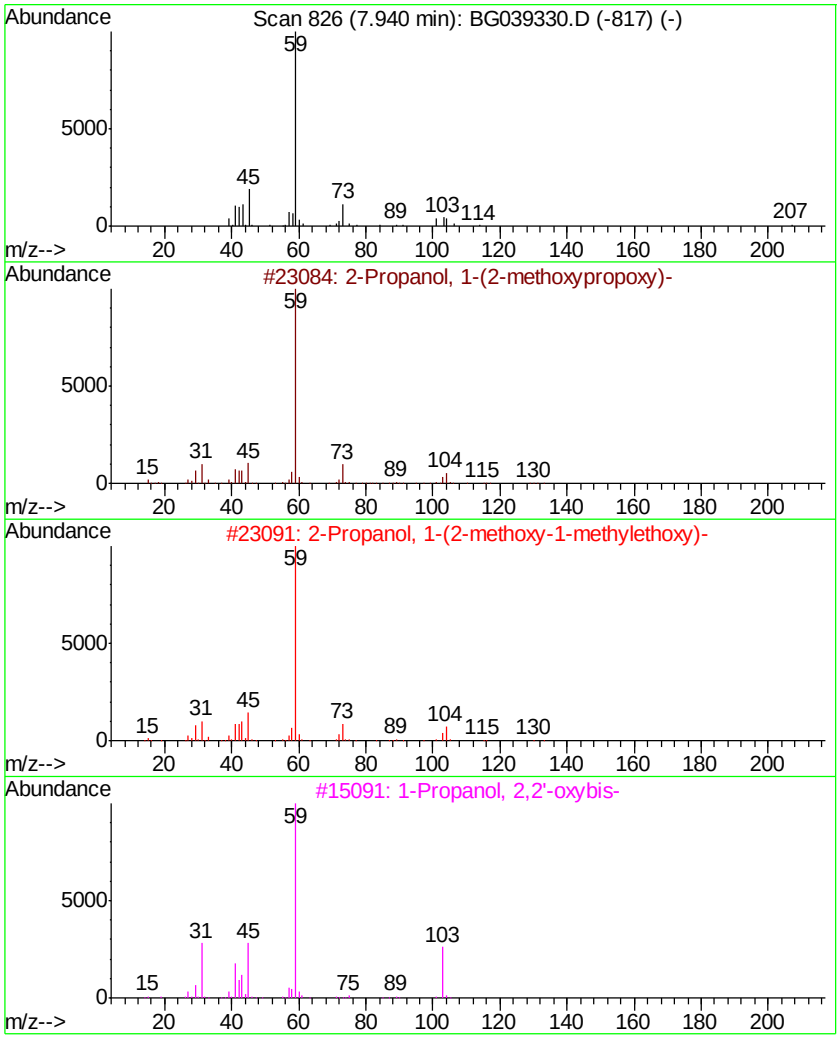
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

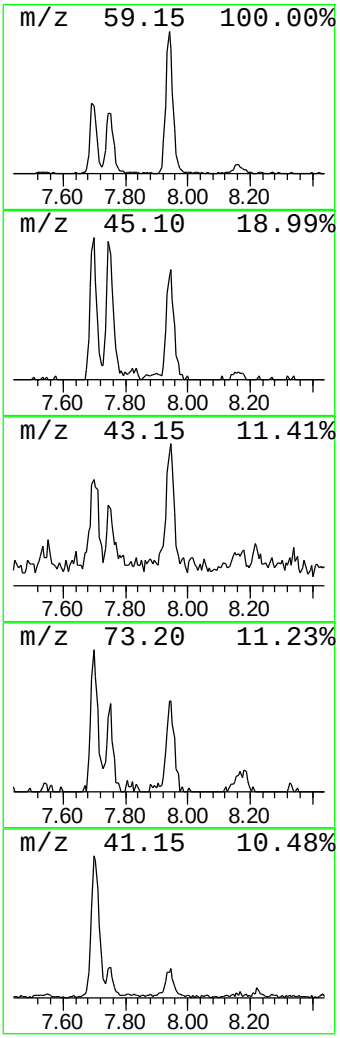
****

Peak Number 6 2-Propanol, 1-(2-methoxypro... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.94	7.44 ng	107131	1,4-Dichlorobenzene-d4	8.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-methoxypropoxy)-	148	C7H16O3	013429-07-7	78
2	2-Propanol, 1-(2-methoxy-1-methy...	148	C7H16O3	020324-32-7	78
3	1-Propanol, 2,2'-oxybis-	134	C6H14O3	000108-61-2	59
4	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	59
5	Tri(propylene glycol) propyl ether	234	C12H26O4	096077-04-2	56





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG013019\
Data File : BG039330.D
Acq On : 30 Jan 2019 16:32
Operator : JU/SJ
Sample : K1277-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FRAC-TANK-1-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

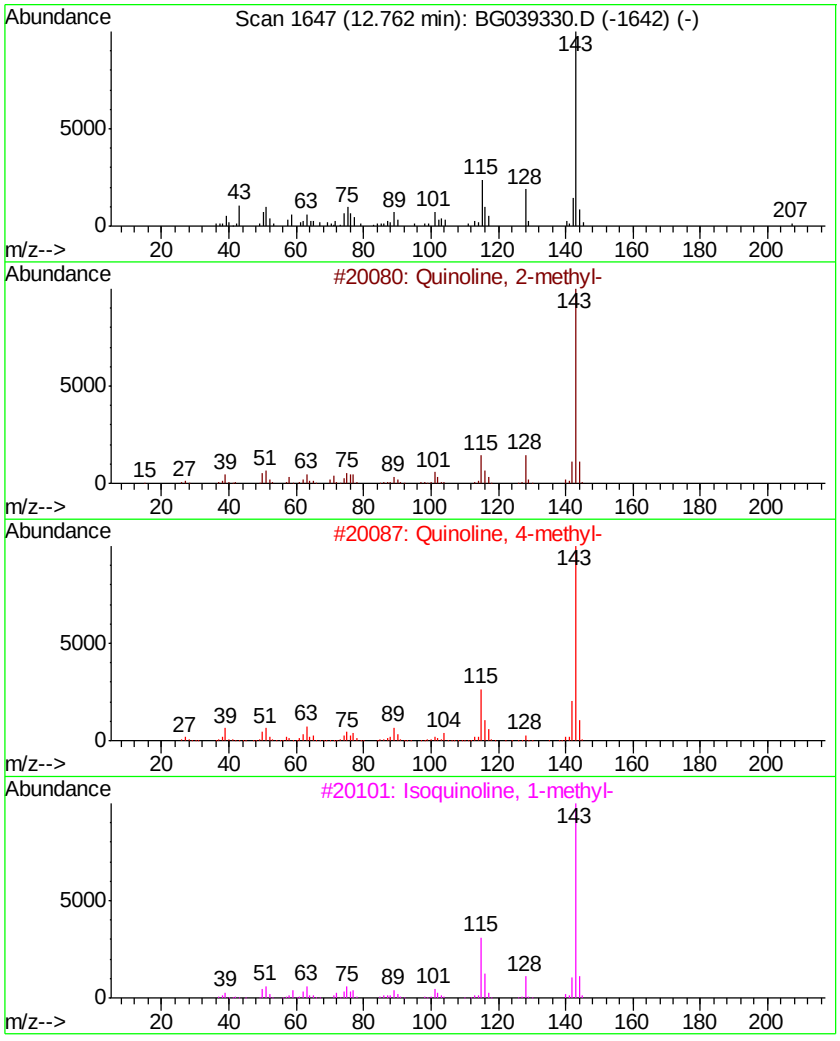
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

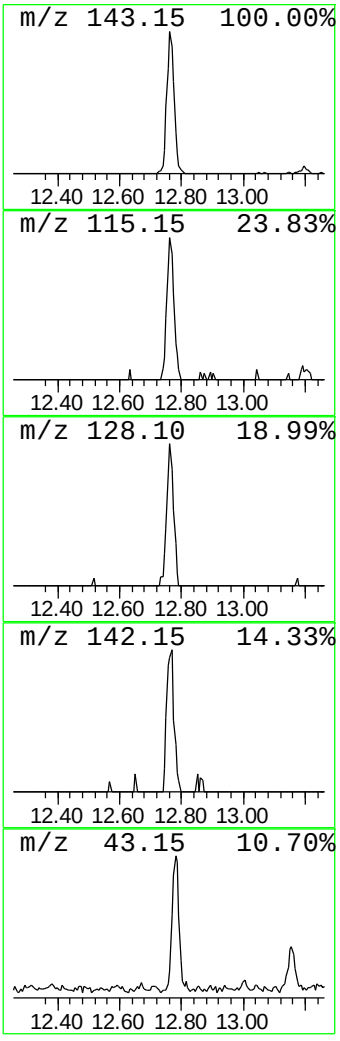
****

Peak Number 8 Quinoline, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.76	4.45 ng	91193	Naphthalene-d8	11.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Quinoline, 2-methyl-	143	C10H9N	000091-63-4	91
2	Quinoline, 4-methyl-	143	C10H9N	000491-35-0	90
3	Isoquinoline, 1-methyl-	143	C10H9N	001721-93-3	90
4	1-Naphthalenamine	143	C10H9N	000134-32-7	81
5	Quinoline, 3-methyl-	143	C10H9N	000612-58-8	74





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG013019\
Data File : BG039330.D
Acq On : 30 Jan 2019 16:32
Operator : JU/SJ
Sample : K1277-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FRAC-TANK-1-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

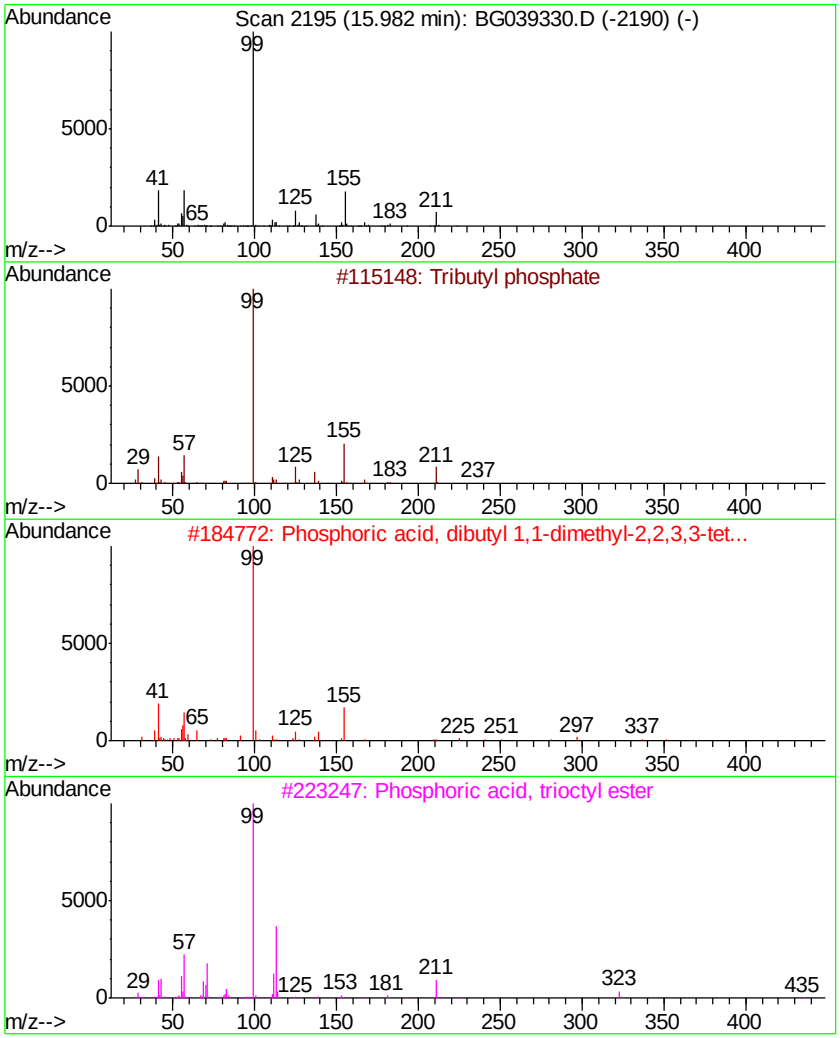
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

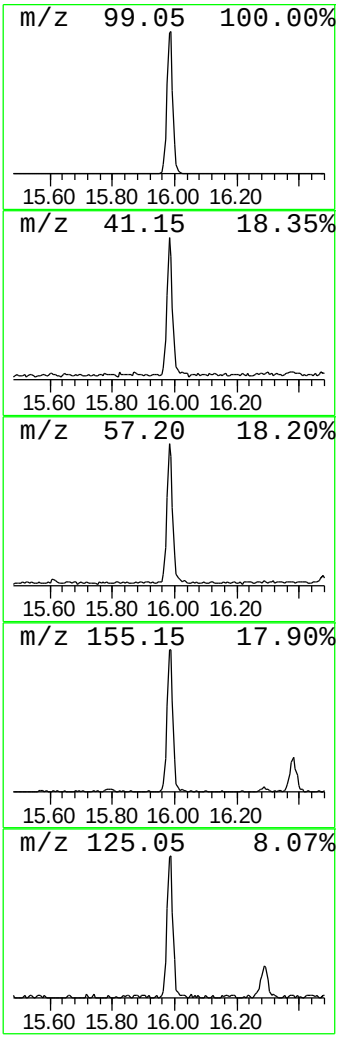
****

Peak Number 9 Tributyl phosphate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.98	16.23 ng	460866	Acenaphthene-d10	14.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tributyl phosphate	266	C12H27O4P	000126-73-8	91
2	Phosphoric acid, dibutyl 1,1-dim...	352	C13H25F4O4P	1000298-93-9	72
3	Phosphoric acid, trioctyl ester	434	C24H51O4P	001806-54-8	59
4	Phosphoric acid, dibutyl 3-trifl...	348	C14H28F3O4P	1000298-93-8	39
5	Bis(2-ethylhexyl)hydrogen phosphate	322	C16H35O4P	000298-07-7	36





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG013019\
Data File : BG039330.D
Acq On : 30 Jan 2019 16:32
Operator : JU/SJ
Sample : K1277-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FRAC-TANK-1-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

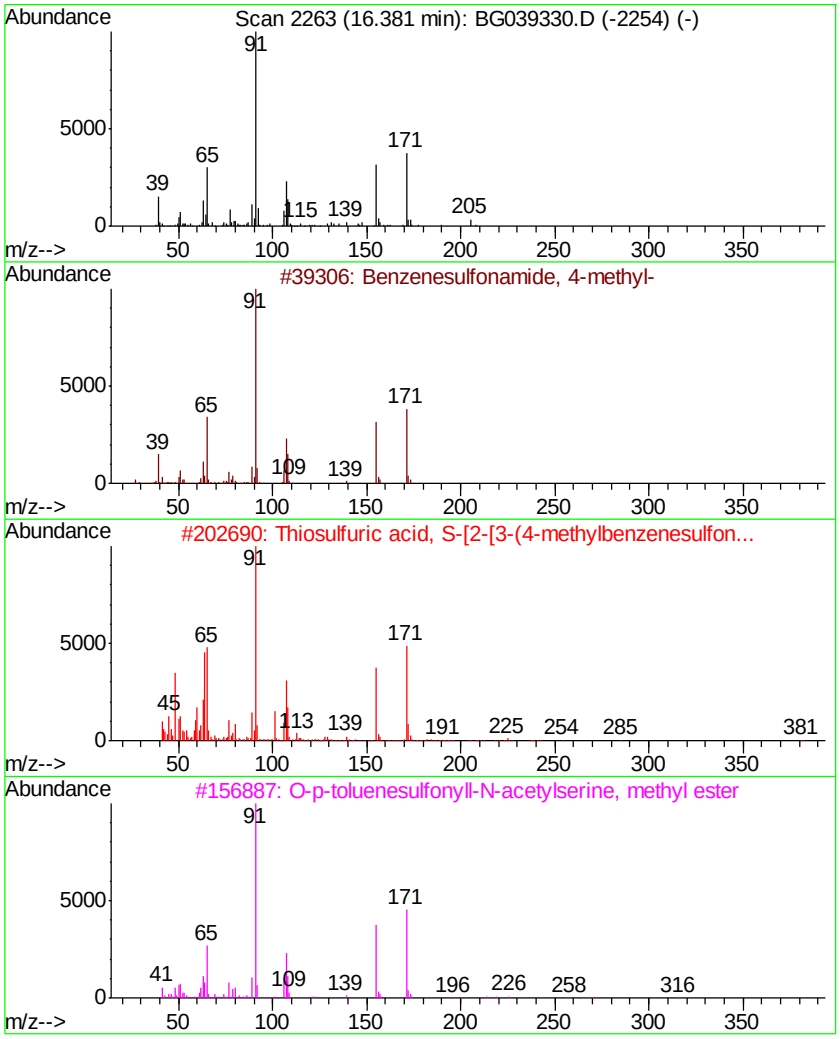
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

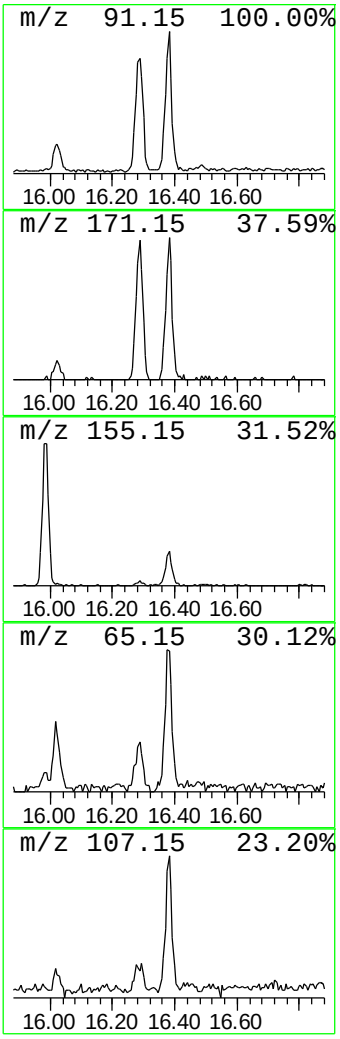
****

Peak Number 10 Benzenesulfonamide, 4-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.38	3.43 ng	121528	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, 4-methyl-	171	C7H9NO2S	000070-55-3	98
2	Thiosulfuric acid, S-[2-[3-(4-me...	381	C12H19N3O5S3	1000255-60-3	86
3	O-p-toluenesulfonyll-N-acetylser...	315	C13H17NO6S	1000126-44-8	86
4	N-p-toluenesulfonyl-l-threonine,...	363	C18H21NO5S	1000130-34-4	72
5	Tolbutamide	270	C12H18N2O3S	000064-77-7	59





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Data File : BG039330.D
Acq On : 30 Jan 2019 16:32
Operator : JU/SJ
Sample : K1277-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FRAC-TANK-1-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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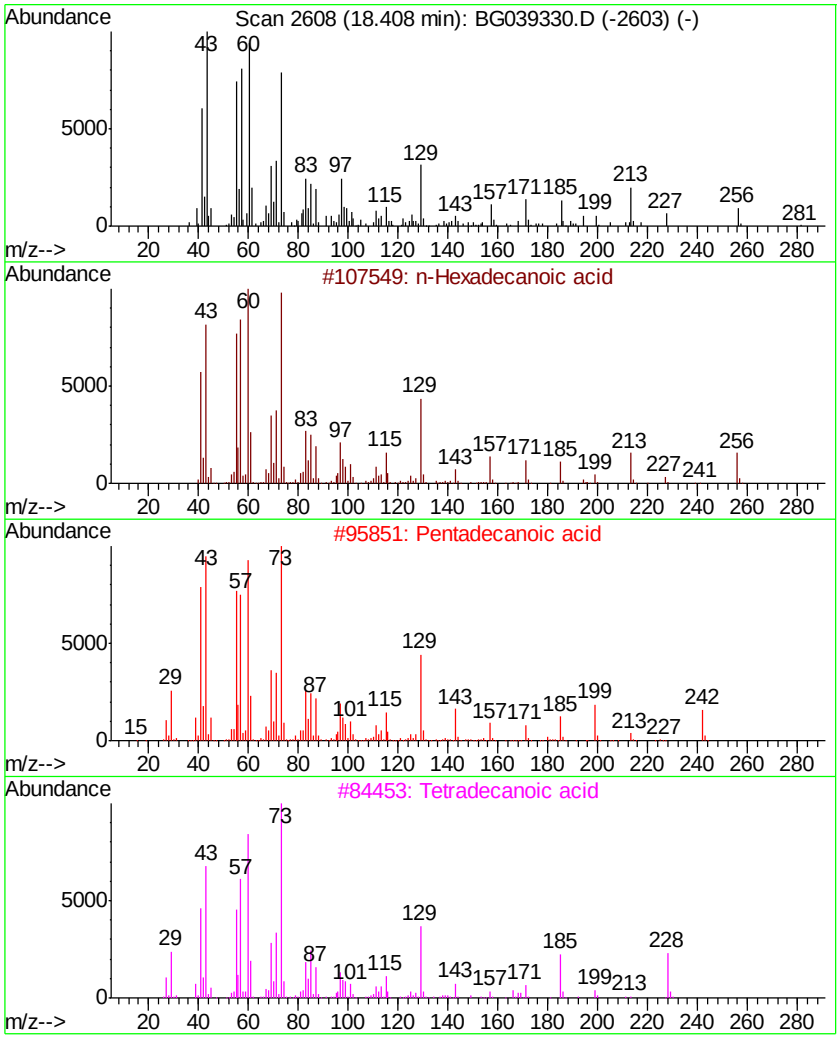
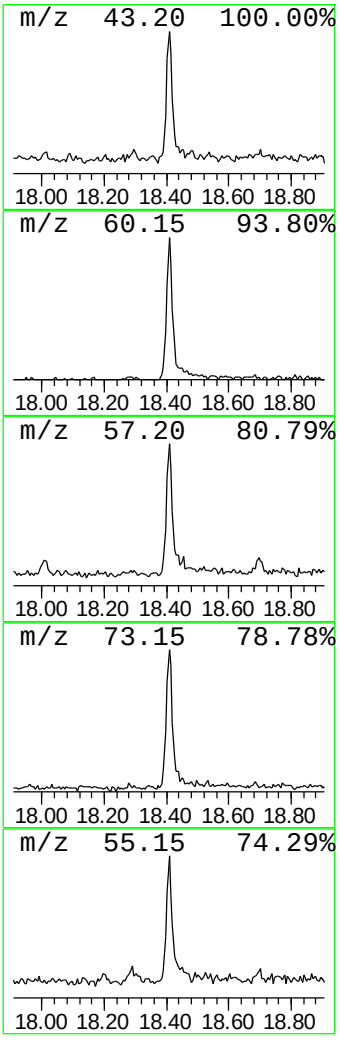
Peak Number 11 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.41	6.78 ng	240037	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4	Tridecanoic acid	214	C13H26O2	000638-53-9	64
5	n-Decanoic acid	172	C10H20O2	000334-48-5	55





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Operator : JU/SJ
Sample : K1277-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FRAC-TANK-1-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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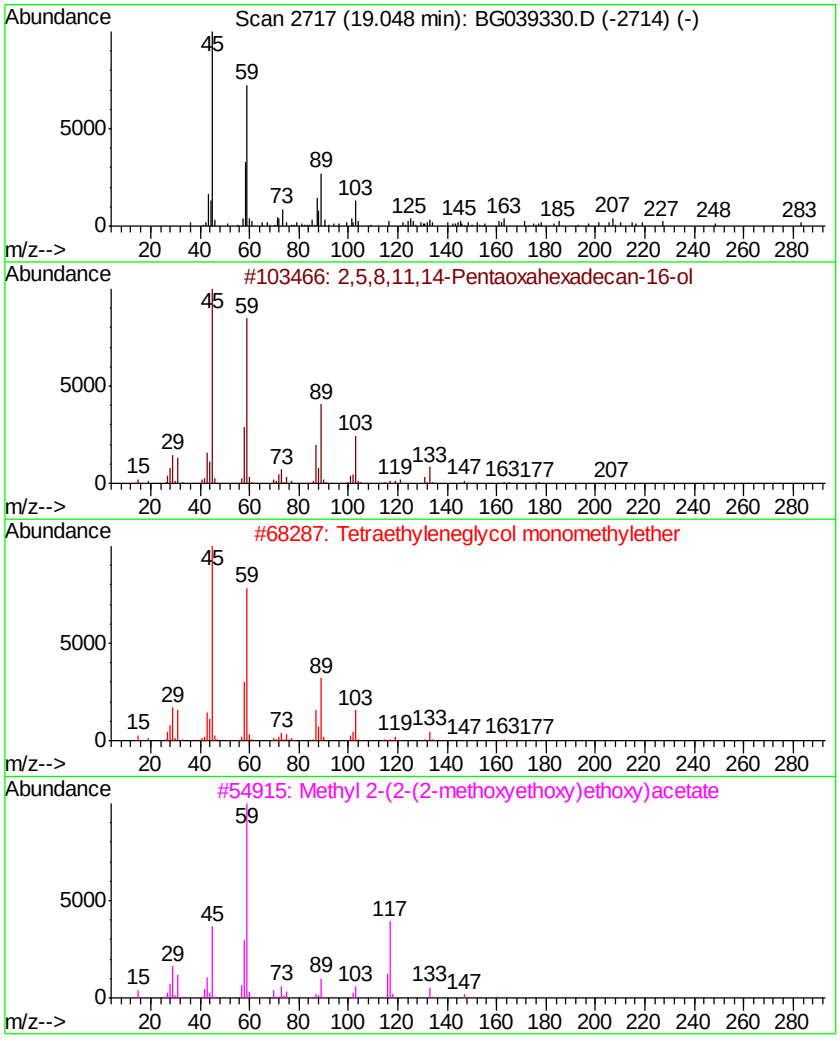
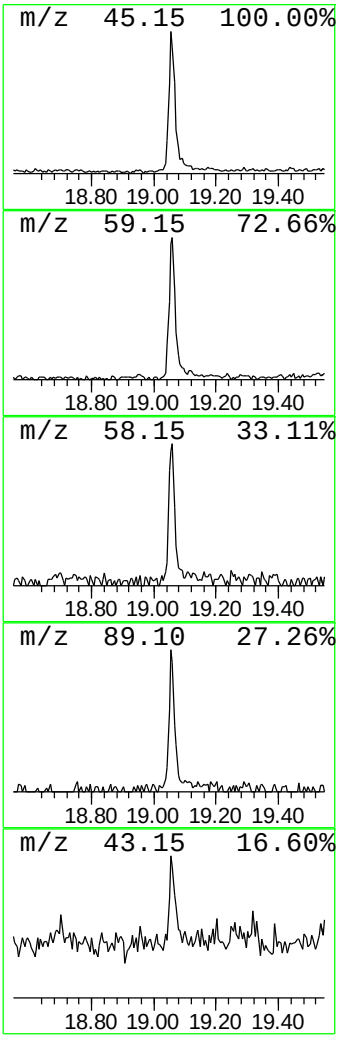
Peak Number 12 2,5,8,11,14-Pentaoxahexadec... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.05	2.50 ng	88597	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5,8,11,14-Pentaoxahexadecan-16-ol	252	C11H24O6	023778-52-1	91
2	Tetraethyleneglycol monomethylether	208	C9H20O5	023783-42-8	78
3	Methyl 2-(2-(2-methoxyethoxy)eth...	192	C8H16O5	1000366-88-2	47
4	Ethyl 2,5,8,11,14-pentaoxahexade...	294	C13H26O7	1000366-80-7	43
5	2-Propanol, 1,1'-oxybis-	134	C6H14O3	000110-98-5	43





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Operator : JU/SJ
Sample : K1277-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FRAC-TANK-1-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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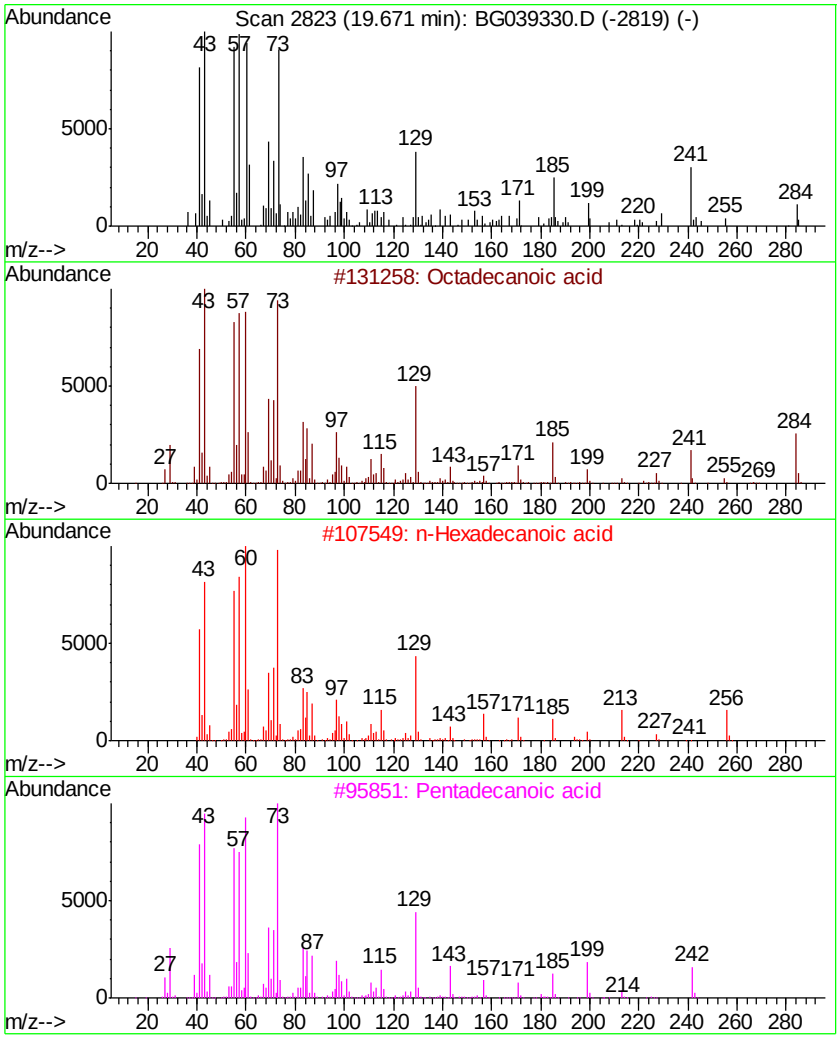
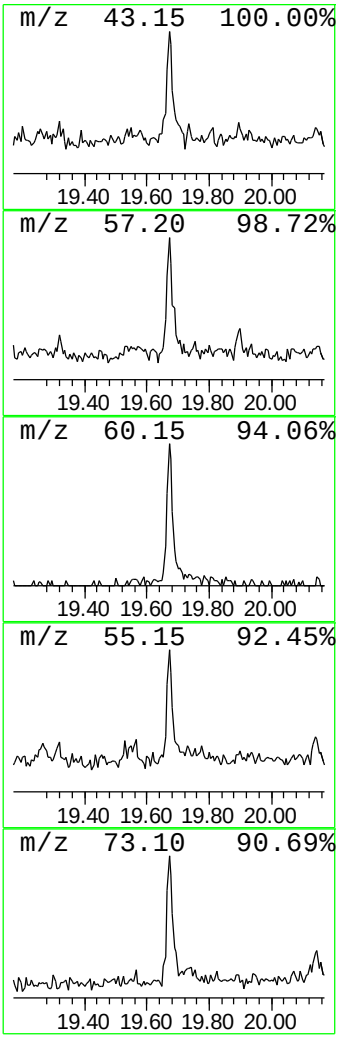
Peak Number 13 Octadecanoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.67	2.81 ng	99445	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	83
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	Undecanoic acid	186	C11H22O2	000112-37-8	55





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Data File : BG039330.D
Acq On : 30 Jan 2019 16:32
Operator : JU/SJ
Sample : K1277-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FRAC-TANK-1-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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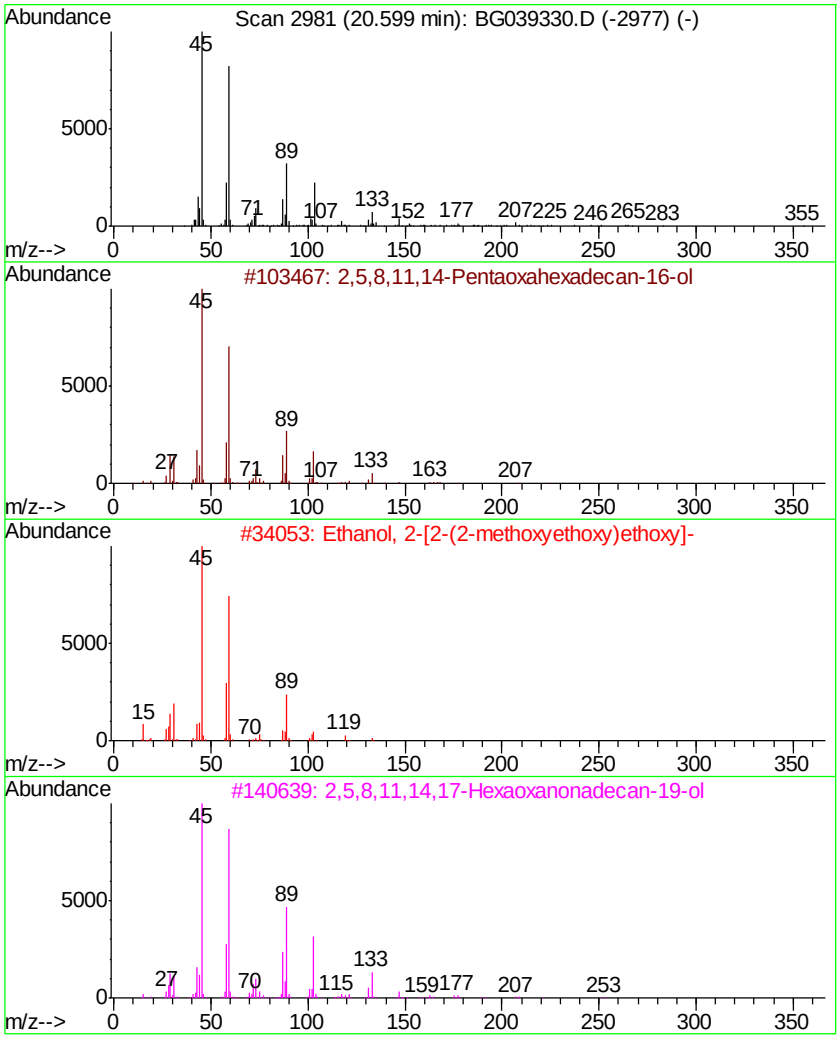
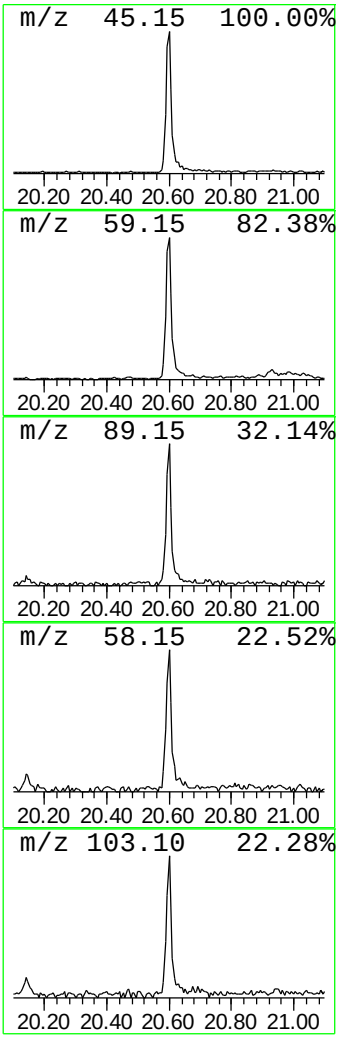
Peak Number 14 Ethanol, 2-[2-(2-methoxyeth... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.60	3.86 ng	166294	Chrysene-d12	21.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5,8,11,14-Pentaoxahexadecan-16-ol	252	C11H24O6	023778-52-1	91
2	Ethanol, 2-[2-(2-methoxyethoxy)e...	164	C7H16O4	000112-35-6	59
3	2,5,8,11,14,17-Hexaoxanonadecan-...	296	C13H28O7	023601-40-3	58
4	Methyl 2,5,8,11,14-pentaoxahexad...	280	C12H24O7	1000366-81-5	53
5	2-[2-[2-[2-[2-[2-[2-(2-Hydroxyet...	370	C16H34O9	005117-19-1	49





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG013019\
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Acq On : 30 Jan 2019 16:32
Operator : JU/SJ
Sample : K1277-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FRAC-TANK-1-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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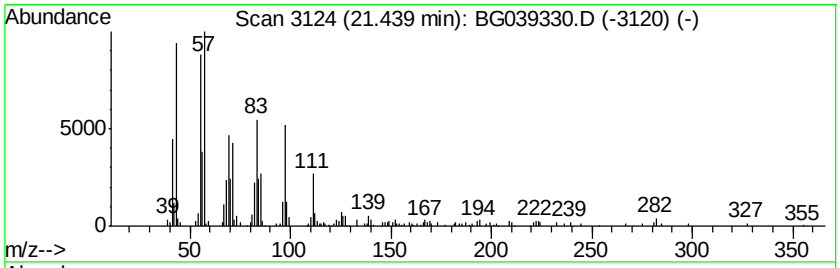
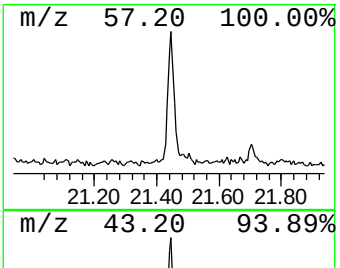
Peak Number 15 5-Eicosene, (E)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.44	4.13 ng	178002	Chrysene-d12	21.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	96
2	Cycloeicosane	280	C20H40	000296-56-0	95
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	94
4	9-Eicosene, (E)-	280	C20H40	074685-29-3	93
5	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG013019\
Data File : BG039330.D
Acq On : 30 Jan 2019 16:32
Operator : JU/SJ
Sample : K1277-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FRAC-TANK-1-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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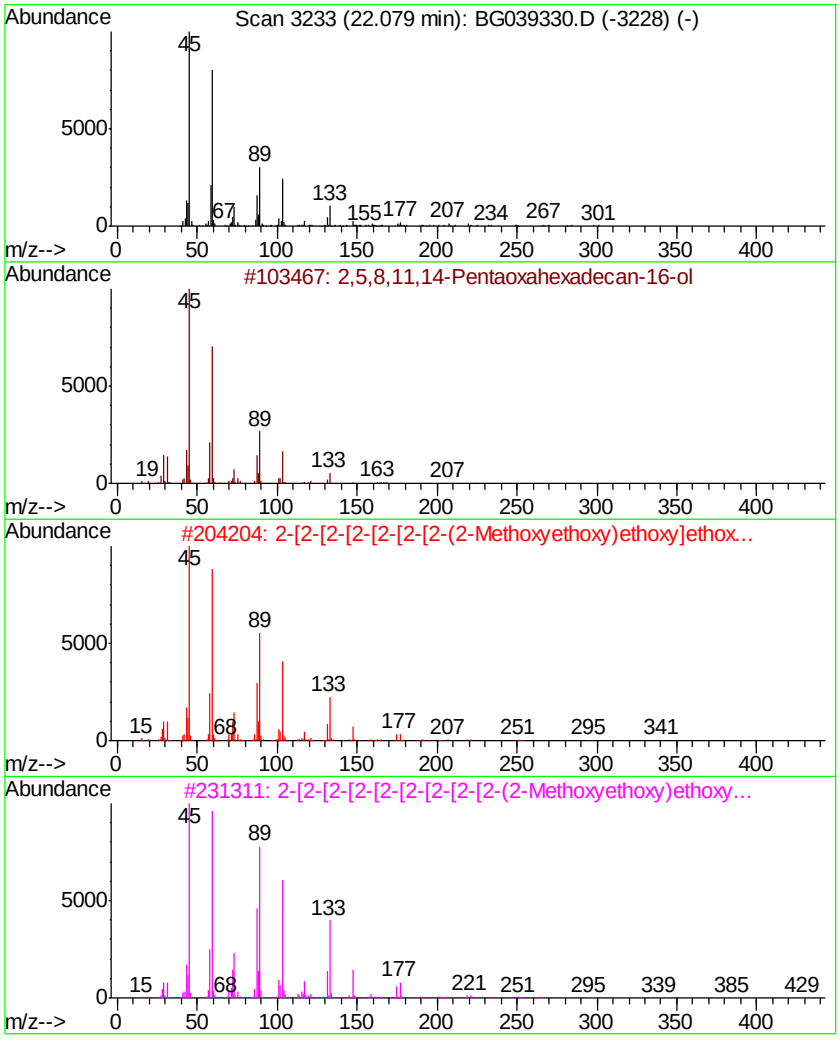
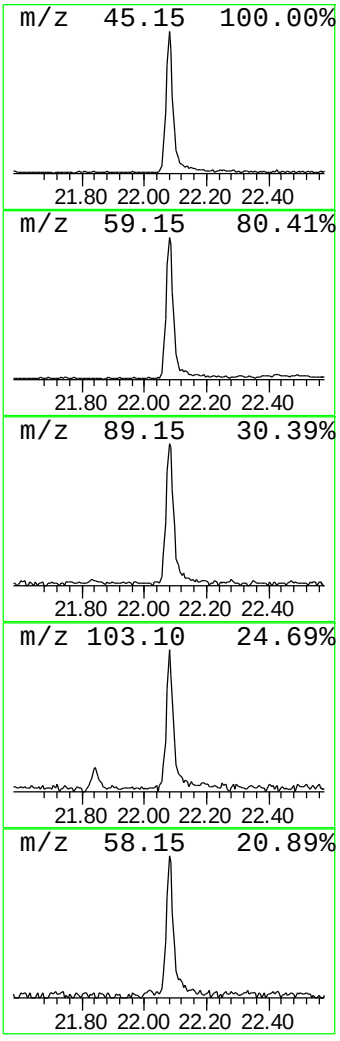
Peak Number 16 2-[2-[2-[2-[2-[2-[2-[2-[2-(... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.08	5.70 ng	245895	Chrysene-d12	21.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5,8,11,14-Pentaoxahexadecan-16-ol	252	C11H24O6	023778-52-1	90
2	2-[2-[2-[2-[2-[2-(2-Methoxyet...	384	C17H36O9	1000352-04-2	90
3	2-[2-[2-[2-[2-[2-[2-[2-(2-Met...	472	C21H44O11	1000352-11-2	86
4	2-[2-[2-[2-[2-[2-[2-[2-[2-(2-...	516	C23H48O12	1000352-04-4	86
5	4,4,5,5,5-Pentafluoro-1-pentanol	178	C5H7F5O	148043-73-6	74





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Acq On : 30 Jan 2019 16:32
Operator : JU/SJ
Sample : K1277-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FRAC-TANK-1-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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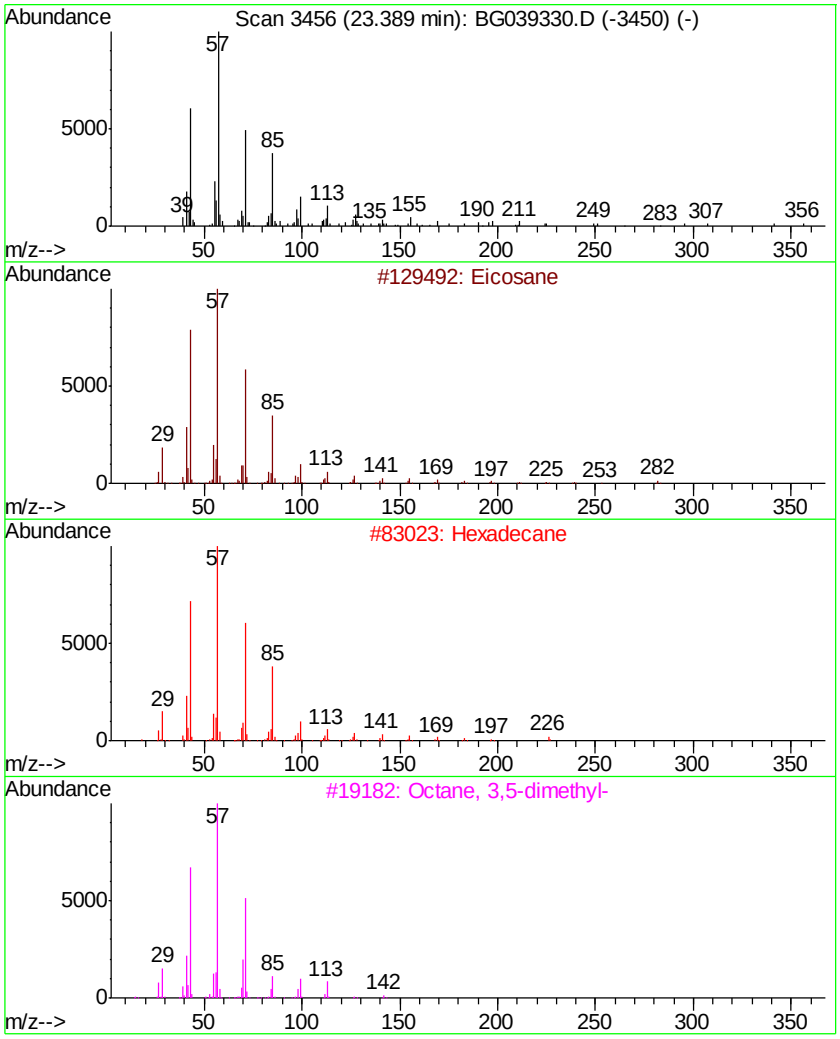
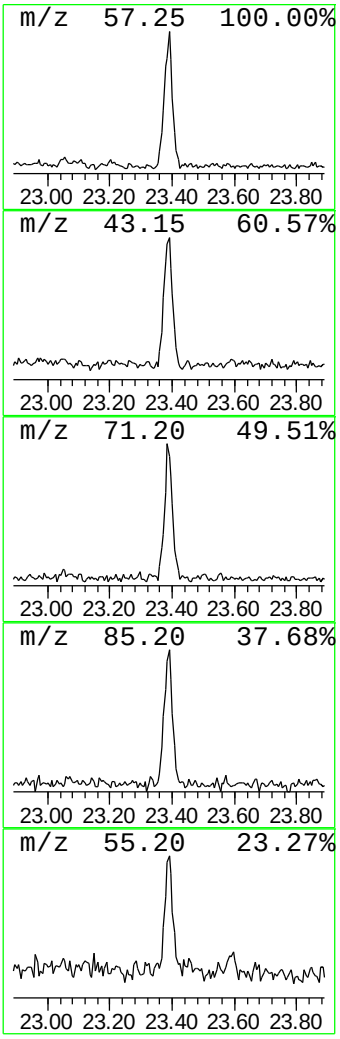
Peak Number 17 Hexadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.39	2.62 ng	112805	Chrysene-d12	21.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	80
2	Hexadecane	226	C16H34	000544-76-3	80
3	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	76
4	Heneicosane	296	C21H44	000629-94-7	74
5	Triacontane	422	C30H62	000638-68-6	72





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Operator : JU/SJ
Sample : K1277-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FRAC-TANK-1-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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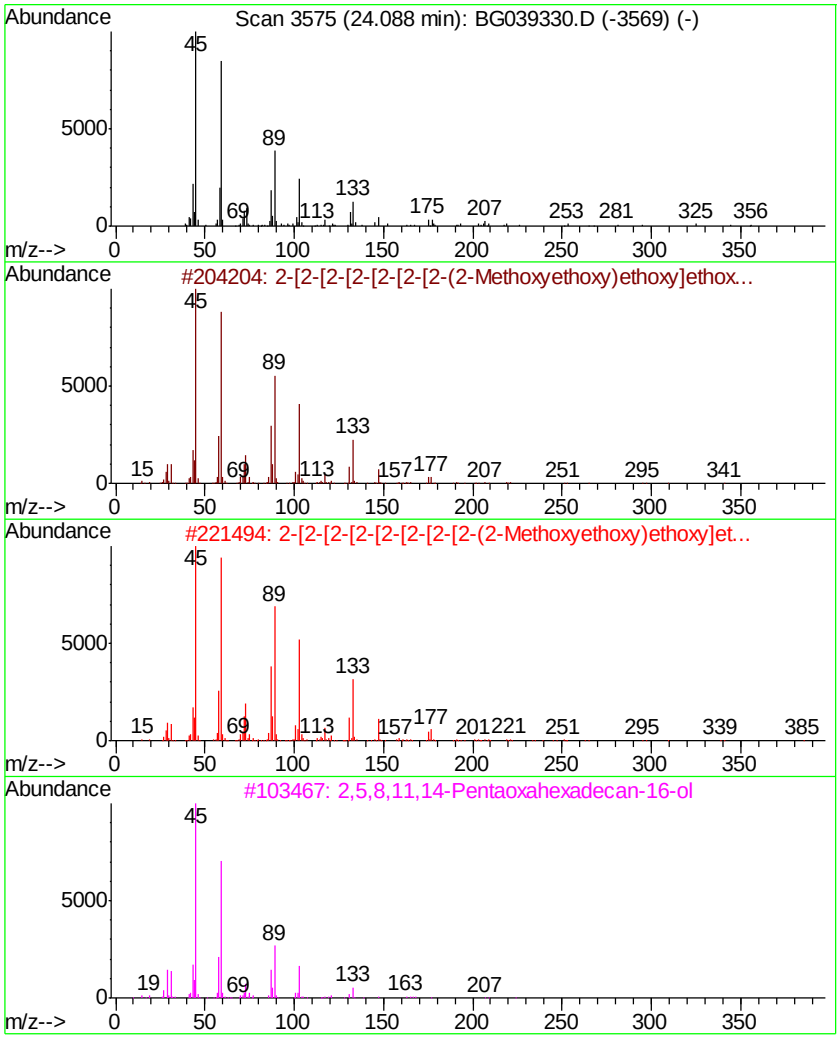
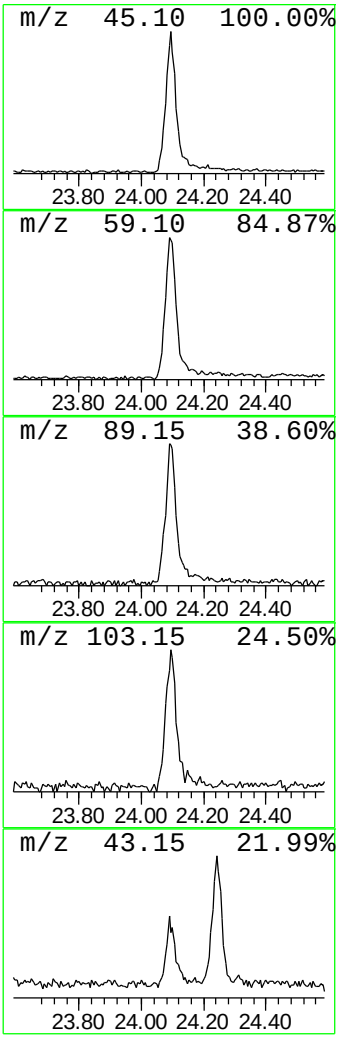
Peak Number 18 2-[2-[2-[2-[2-[2-[2-(2-Meth... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.09	4.83 ng	239734	Perylene-d12	25.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-[2-[2-[2-[2-[2-[2-[2-(2-Methoxyvet...	384	C17H36O9	1000352-04-2	91
2	2-[2-[2-[2-[2-[2-[2-[2-[2-(2-Methox...	428	C19H40O10	1000352-04-3	91
3	2,5,8,11,14-Pentaoxahexadecan-16-ol	252	C11H24O6	023778-52-1	90
4	2,5,8,11,14,17-Hexaoxanonadecan-...	296	C13H28O7	023601-40-3	74
5	2-[2-[2-[2-[2-[2-[2-[2-[2-[2-(2-...	516	C23H48O12	1000352-04-4	68





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Operator : JU/SJ
Sample : K1277-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FRAC-TANK-1-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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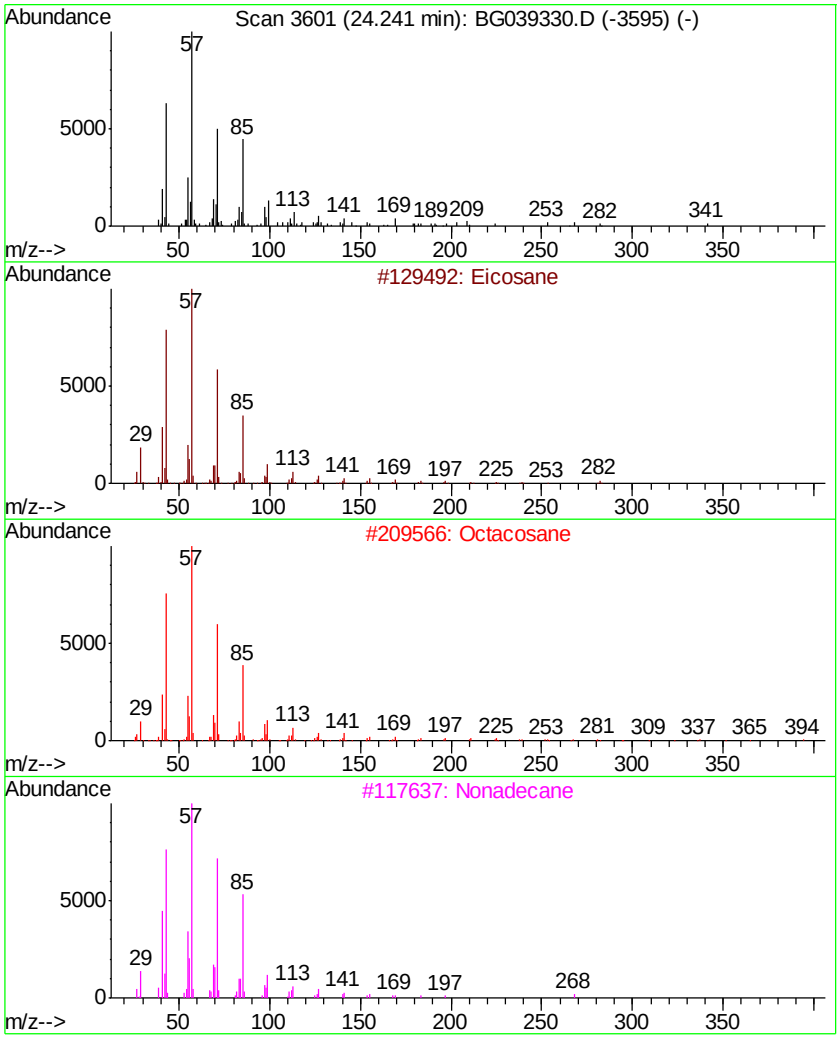
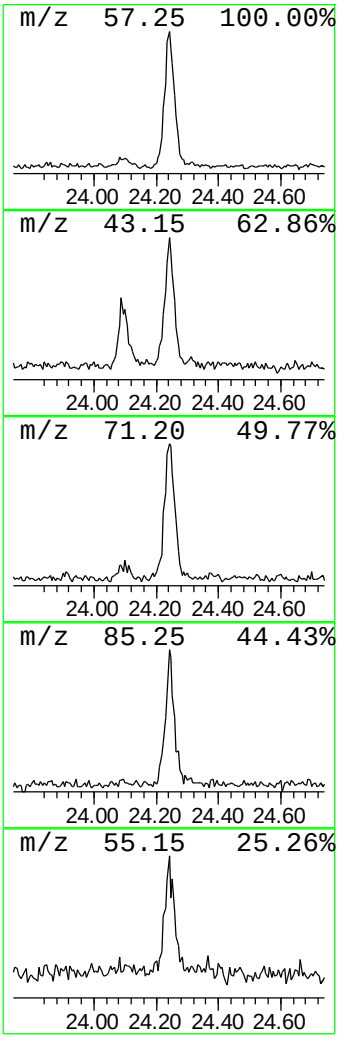
Peak Number 19 Eicosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.24	2.54 ng	126125	Perylene-d12	25.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Octacosane	394	C28H58	000630-02-4	90
3	Nonadecane	268	C19H40	000629-92-5	90
4	Heptacosane	380	C27H56	000593-49-7	87
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	87





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Sample : K1277-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FRAC-TANK-1-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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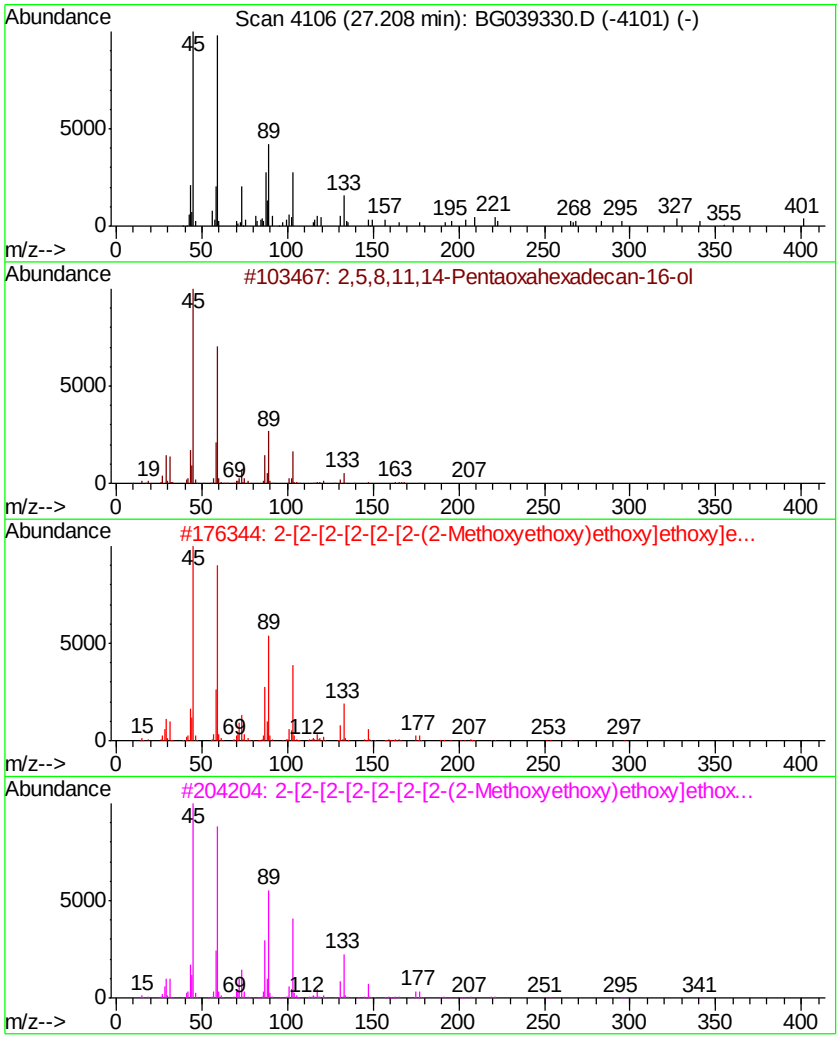
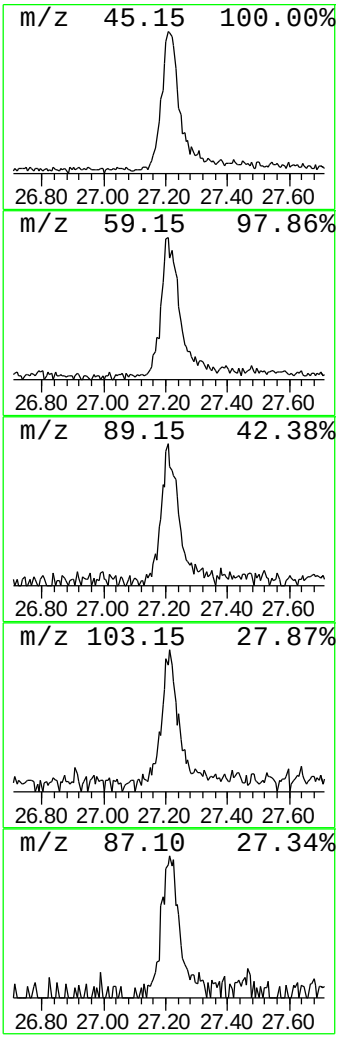
Peak Number 20 Tetraethyleneglycol monomet... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.21	2.57 ng	127668	Perylene-d12	25.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5,8,11,14-Pentaoxahexadecan-16-ol	252	C11H24O6	023778-52-1	80
2	2-[2-[2-[2-[2-(2-Methoxyethox...	340	C15H32O8	1000352-04-1	72
3	2-[2-[2-[2-[2-[2-(2-Methoxyet...	384	C17H36O9	1000352-04-2	72
4	Tetraethyleneglycol monomethylether	208	C9H20O5	023783-42-8	64
5	2,5,8,11,14,17-Hexaoxanonadecan-...	296	C13H28O7	023601-40-3	53





Tentatively Identified Compound (LSC) summary

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Data File : BG039330.D
Acq On : 30 Jan 2019 16:32
Operator : JU/SJ
Sample : K1277-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FRAC-TANK-1-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT 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...	3.30	12.5	ng	179805	1	8.18	287956	20.0
Benzene, 1,3-dime...	5.80	3.3	ng	47077	1	8.18	287956	20.0
unknown7.70	7.70	85.3	ng	1228660	1	8.18	287956	20.0
Silane, dimethyl-	7.75	3.2	ng	46247	1	8.18	287956	20.0
2-Propanol, 1-(2-...	7.94	7.4	ng	107131	1	8.18	287956	20.0
Quinoline, 2-methyl-	12.76	4.5	ng	91193	2	11.01	409778	20.0
Tributyl phosphate	15.98	16.2	ng	460866	3	14.81	567913	20.0
Benzenesulfonamid...	16.38	3.4	ng	121528	4	17.55	708164	20.0
n-Hexadecanoic acid	18.41	6.8	ng	240037	4	17.55	708164	20.0
2,5,8,11,14-Penta...	19.05	2.5	ng	88597	4	17.55	708164	20.0
Octadecanoic acid	19.67	2.8	ng	99445	4	17.55	708164	20.0
Ethanol, 2-[2-(2-...	20.60	3.9	ng	166294	5	21.84	862440	20.0
5-Eicosene, (E)-	21.44	4.1	ng	178002	5	21.84	862440	20.0
2-[2-[2-[2-[2-[2-...	22.08	5.7	ng	245895	5	21.84	862440	20.0
Hexadecane	23.39	2.6	ng	112805	5	21.84	862440	20.0
2-[2-[2-[2-[2-[2-...	24.09	4.8	ng	239734	6	25.23	992923	20.0
Eicosane	24.24	2.5	ng	126125	6	25.23	992923	20.0
Tetraethyleneglyc...	27.21	2.6	ng	127668	6	25.23	992923	20.0