LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041917\
Data File : BG026664.D
Acq On : 19 Apr 2017 20:11
Operator : SJ/MA
Sample : I2758-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CLEAN-HARBORS-DRUMS(1-9)

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:\HPCHEM1\BNA_G\METHODS\8270-BG041817.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	5.608	422	429	450	rBV	881347	2223698	1.21%	0.159%
2	7.577	756	764	783	rVB	1914528	5033875	2.73%	0.360%
3	8.352	890	896	904	rVB	2619866	4567263	2.48%	0.327%
4	9.186	1031	1038	1046	rVB	1897122	3383680	1.83%	0.242%
5	10.373	1225	1240	1265	rBV3	1529391	6991551	3.79%	0.500%
6	10.673	1285	1291	1298	rVB	1731736	2704515	1.47%	0.193%
7	10.890	1322	1328	1336	rVV	1492958	3339379	1.81%	0.239%
8	11.096	1336	1363	1381	rVB2	11169615	55518054	30.09%	3.970%
9	11.525	1400	1436	1438	rBV6	19210872	184529776	100.00%	13.195%
10	11.678	1457	1462	1469	rBV4	2002456	4949264	2.68%	0.354%
11	11.754	1469	1475	1486	rVB	10923877	19050255	10.32%	1.362%
12	11.883	1493	1497	1518	rVB	3957357	7367104	3.99%	0.527%
13	13.158	1709	1714	1724	rVB	2749176	4375684	2.37%	0.313%
14	13.276	1724	1734	1741	rBV	5848156	10090589	5.47%	0.722%
15	13.617	1784	1792	1801	rBV	17746300	31734178	17.20%	2.269%
16	14.275	1898	1904	1911	rBV	4380783	6112340	3.31%	0.437%
17	14.592	1948	1958	1963	rBV3	13306888	37961548	20.57%	2.714%
18	14.692	1972	1975	1980	rVB2	4091141	5756716	3.12%	0.412%
19	14.745	1981	1984	1990	rVB	1332010	2001964	1.08%	0.143%
20	15.044	2031	2035	2049	rVB3	712675	1848723	1.00%	0.132%
21	15.632	2130	2135	2141	rBV	3482088	5037045	2.73%	0.360%
22	16.172	2213	2227	2238	rBV2	23285938	45137043	24.46%	3.228%
23	16.266	2238	2243	2246	rBV	7390330	9848357	5.34%	0.704%
24	16.296	2246	2248	2253	rVB	1853721	2286878	1.24%	0.164%
25	16.390	2254	2264	2281	rBV	8867999	21742331	11.78%	1.555%
26	16.525	2283	2287	2293	rVB	1988343	2773565	1.50%	0.198%
27	16.619	2299	2303	2321	rBV2	975541	3352276	1.82%	0.240%
28	17.071	2374	2380	2387	rBV	11123450	16868151	9.14%	1.206%
29	17.371	2426	2431	2436	rVV3	1829472	2783845	1.51%	0.199%
30	17.500	2448	2453	2457	rVV	2398549	3182796	1.72%	0.228%
31	17.788	2497	2502	2505	rVV	1564963	2221573	1.20%	0.159%
32	17.829	2505	2509	2517	rVV	8673031	13382324	7.25%	0.957%
33	17.917	2517	2524	2537	rVV	3175479	8217091	4.45%	0.588%
34	18.223	2568	2576	2589	rVV	25767430	49481720	26.82%	3.538%

LSC Area Percent Report

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Acq On : 19 Apr 2017 20:11
Operator : SJ/MA
Sample : I2758-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CLEAN-HARBORS-DRUMS(1-9)

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:\HPCHEM1\BNA_G\METHODS\8270-BG041817.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	18.340	2590	2596	2600	rVV	10927318	15623093	8.47%	1.117%
36	18.528	2624	2628	2635	rBV	3012589	3924512	2.13%	0.281%
37	18.998	2701	2708	2717	rBV	17083389	27571841	14.94%	1.972%
38	19.157	2731	2735	2738	rBV	2194641	3205421	1.74%	0.229%
39	19.451	2780	2785	2789	rBV	11358201	13467408	7.30%	0.963%
40	19.592	2804	2809	2814	rBV	14495491	21029222	11.40%	1.504%
41	19.627	2814	2815	2825	rVB2	1684951	2861985	1.55%	0.205%
42	19.874	2846	2857	2866	rBV	28603867	52366928	28.38%	3.745%
43	19.991	2869	2877	2887	rVB2	15359481	32456870	17.59%	2.321%
44	20.127	2896	2900	2906	rBV	3648092	4985366	2.70%	0.356%
45	20.338	2932	2936	2945	rVB2	2259234	4391543	2.38%	0.314%
46	20.514	2958	2966	2974	rBV2	23412312	37643075	20.40%	2.692%
47	20.626	2981	2985	2993	rVB	2629073	3776442	2.05%	0.270%
48	21.008	3044	3050	3060	rBV	18144389	30496490	16.53%	2.181%
49	21.249	3083	3091	3107	rVB	27295527	54726913	29.66%	3.913%
50	21.378	3107	3113	3121	rBV	16066245	25842011	14.00%	1.848%
51	21.501	3130	3134	3140	rBV	3404167	5649815	3.06%	0.404%
52	21.942	3199	3209	3221	rBV	21523189	44379182	24.05%	3.173%
53	22.060	3225	3229	3239	rVV2	2483925	5530672	3.00%	0.395%
54	22.553	3303	3313	3330	rBV	15802376	35953572	19.48%	2.571%
55	22.847	3353	3363	3383	rVB	21400607	53915902	29.22%	3.855%
56	23.052	3389	3398	3417	rVV	11437374	27417361	14.86%	1.961%
57	23.211	3419	3425	3442	rVB	2177430	5963567	3.23%	0.426%
58	23.840	3517	3532	3554	rBV	15484039	46081970	24.97%	3.295%
59	24.004	3555	3560	3579	rVB3	1431453	4324843	2.34%	0.309%
60	24.756	3674	3688	3714	rBV2	11421906	41202455	22.33%	2.946%
61	25.174	3745	3759	3786	rVB	13277176	46278024	25.08%	3.309%
62	25.514	3804	3817	3847	rVV	7155272	25778027	13.97%	1.843%
63	25.755	3851	3858	3888	rVB2	1059889	4519230	2.45%	0.323%
64	26.760	4012	4029	4062	rVB	9105815	40481525	21.94%	2.895%
65	27.013	4067	4072	4099	rVB3	664949	2949313	1.60%	0.211%
66	28.235	4260	4280	4320	rBV2	5613820	32547006	17.64%	2.327%
67	28.869	4370	4388	4460	rVB3	5736616	36849122	19.97%	2.635%
68	29.457	4470	4488	4522	rBV2	2918837	18436674	9.99%	1.318%

Sum of corrected areas: 1398482531

LSC Report - Integrated Chromatogram

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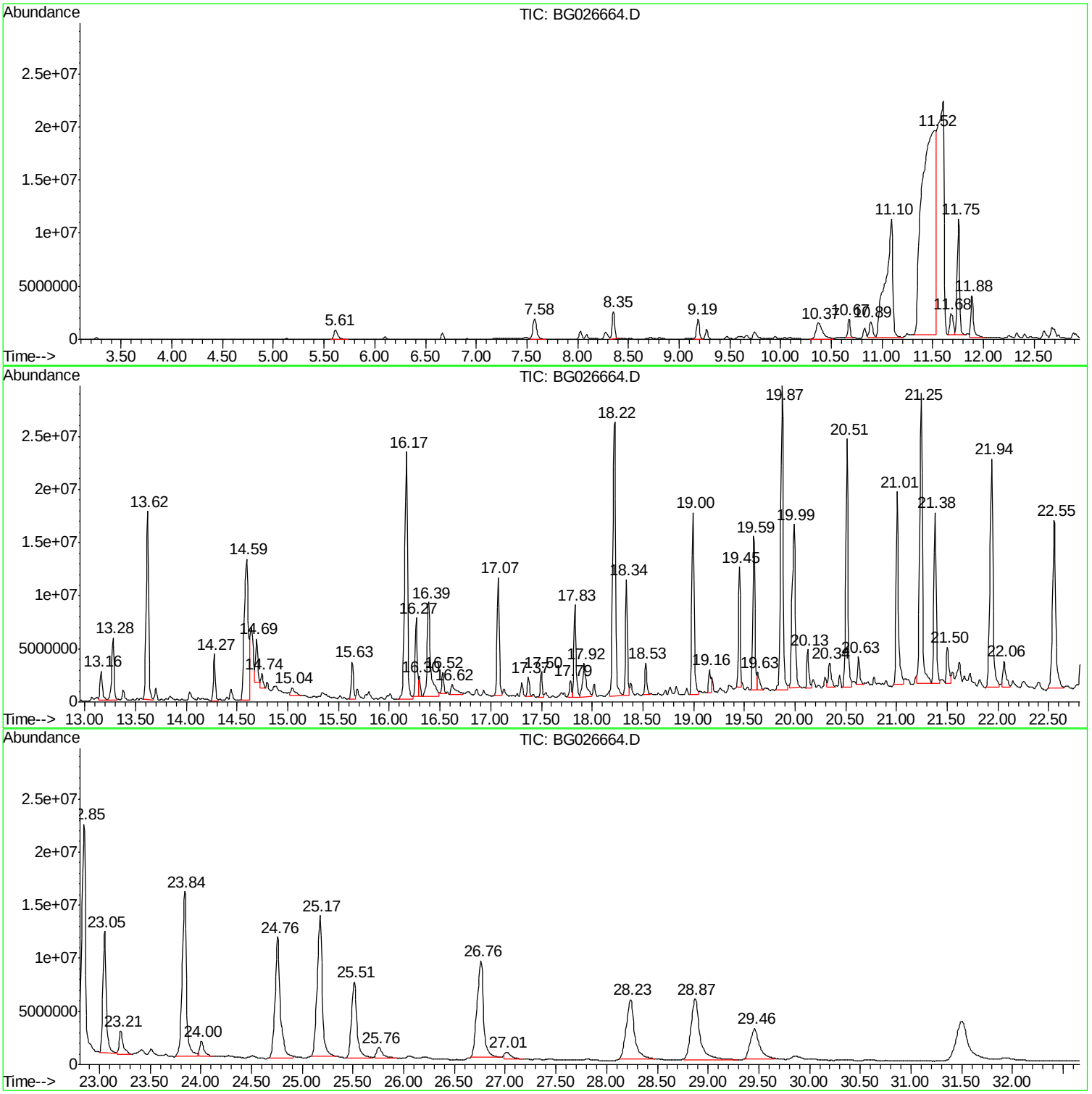
Acq On : 19 Apr 2017 20:11
Operator : SJ/MA
Sample : I2758-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CLEAN-HARBORS-DRUMS(1-9)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041817.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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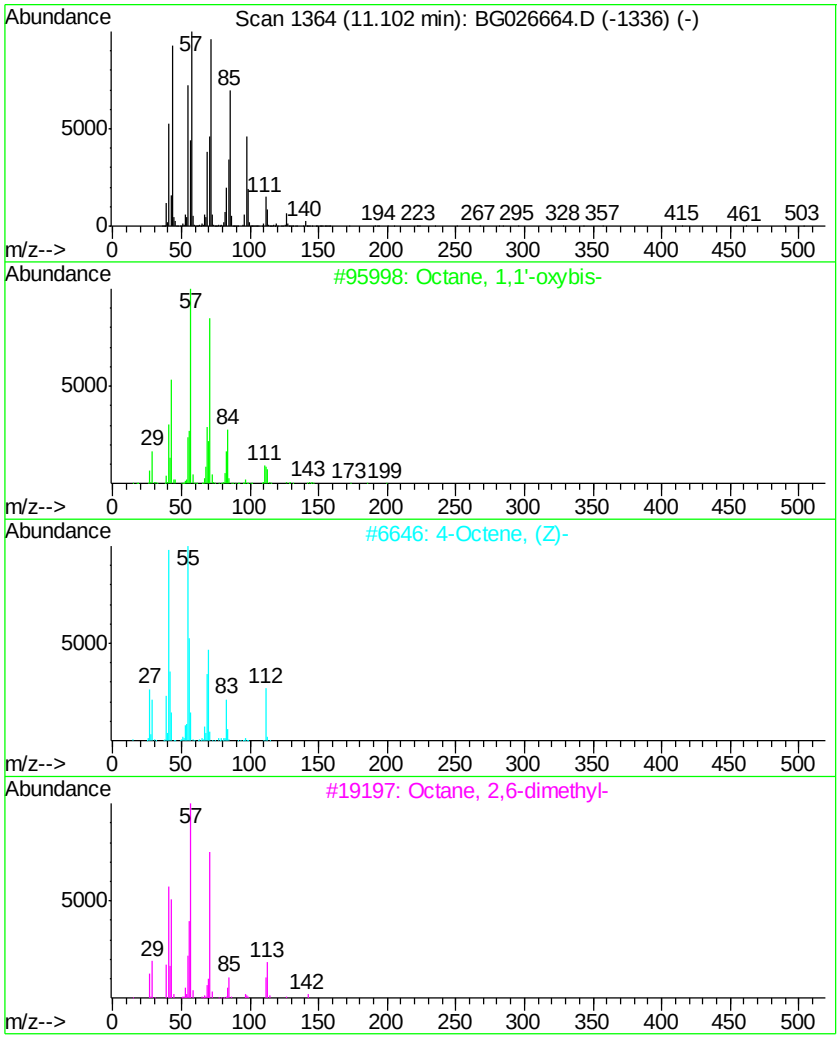
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

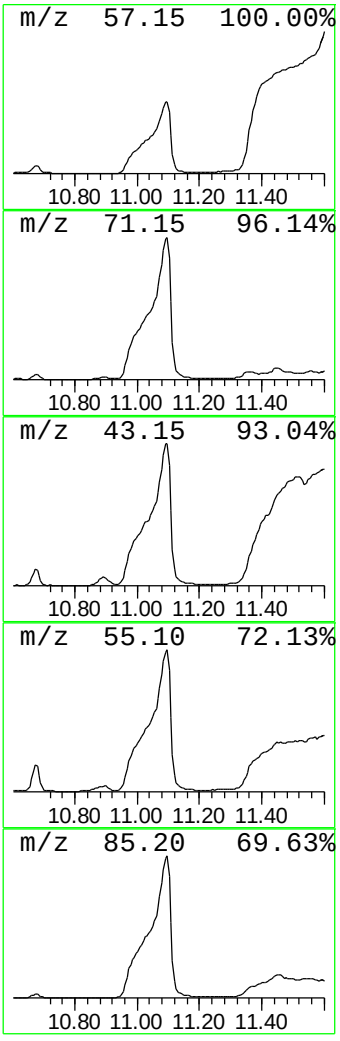
****

Peak Number 1 unknown11.10 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.10	332.51 ng	55518100	Naphthalene-d8	10.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	49
2	4-Octene, (Z)-	112	C8H16	007642-15-1	38
3	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	38
4	3-Octene, (Z)-	112	C8H16	014850-22-7	30
5	2-Octene	112	C8H16	000111-67-1	30





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Operator : SJ/MA
Sample : I2758-01
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ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CLEAN-HARBORS-DRUMS(1-9)

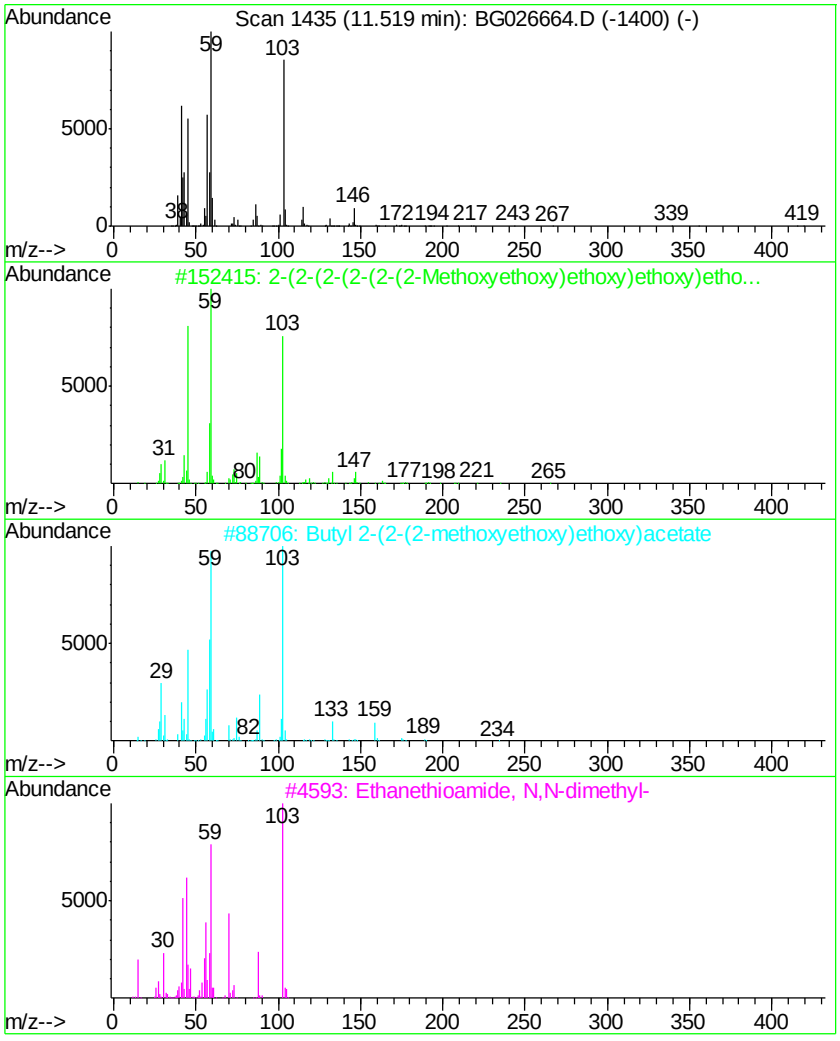
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

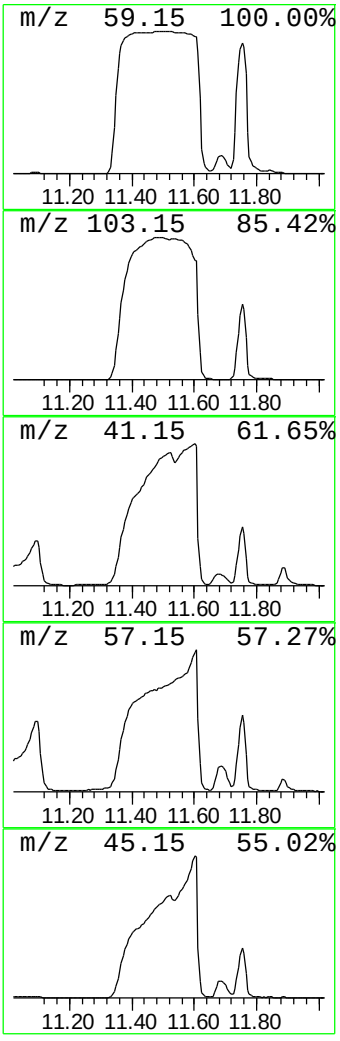
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-(2-(2-(2-(2-(2-Methoxyeth... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.52	1105.17 ng	184530000	Naphthalene-d8	10.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(2-(2-(2-(2-(2-Methoxyethoxy)e...	310	C13H26O8	1000366-93-3	50
2	Butyl 2-(2-(2-methoxyethoxy)etho...	234	C11H22O5	1000366-89-8	42
3	Ethanethioamide, N,N-dimethyl-	103	C4H9NS	000631-67-4	40
4	2-Propanol, 1-(2-butoxy-1-methyl...	190	C10H22O3	029911-28-2	40
5	tert-Butyl-[2-[2-(2-methoxyethox...	278	C13H30O4Si	1000352-09-5	40





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Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

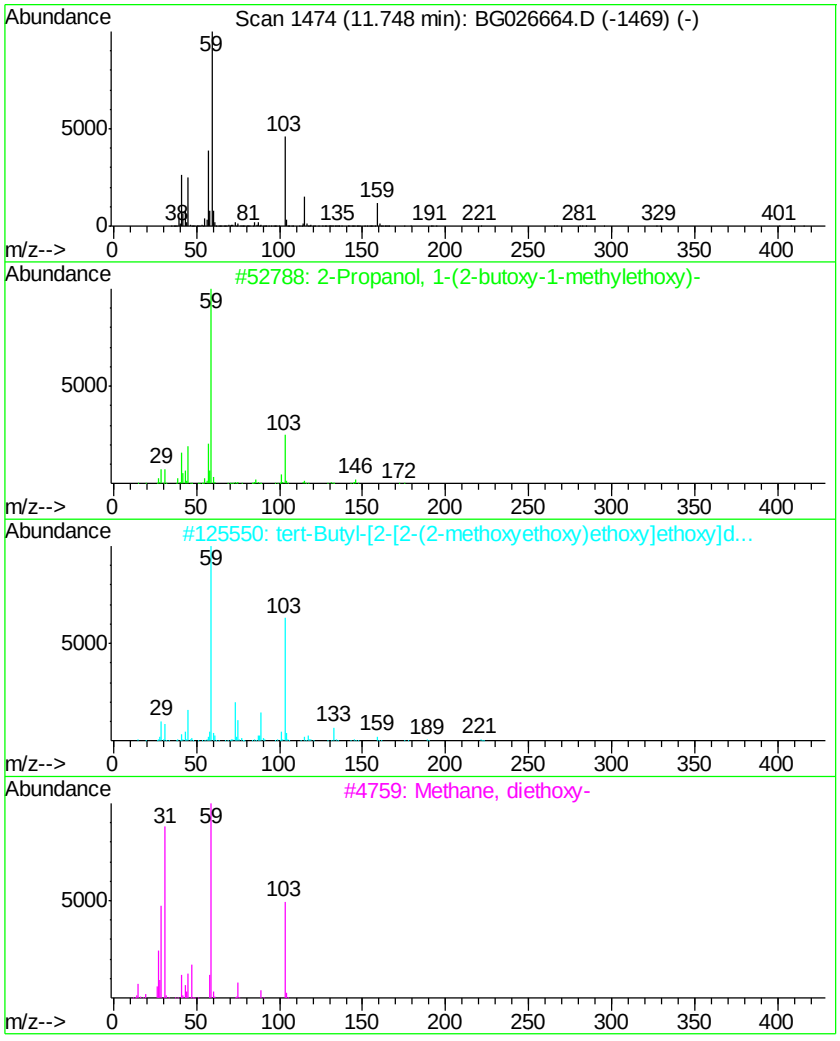
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

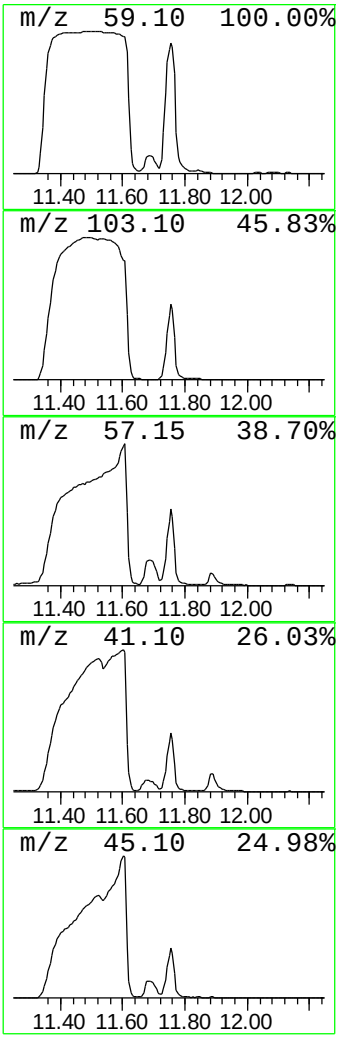
****

Peak Number 3 2-Propanol, 1-(2-butoxy-1-m... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	114.10 ng	19050300	Naphthalene-d8	10.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-butoxy-1-methyl...	190	C10H22O3	029911-28-2	64
2	tert-Butyl-[2-[2-(2-methoxyethox...	278	C13H30O4Si	1000352-09-5	64
3	Methane, diethoxy-	104	C5H12O2	000462-95-3	59
4	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	53
5	1-Propanol, 2,2'-oxybis-	134	C6H14O3	000108-61-2	53





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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041817.M
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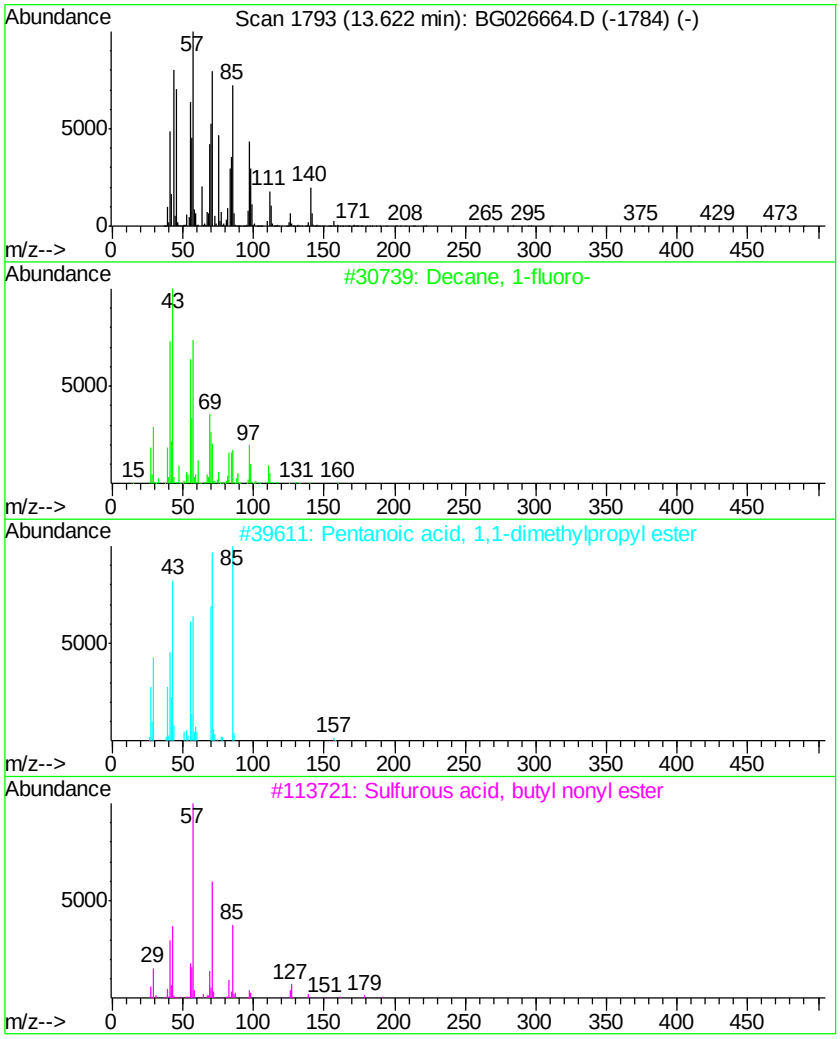
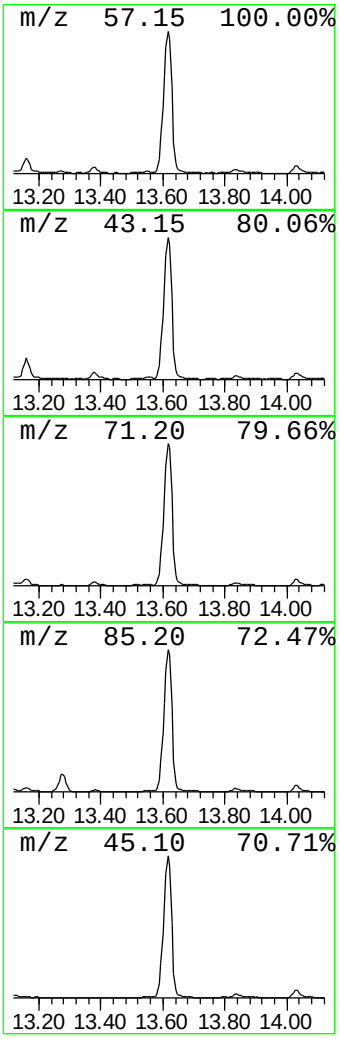
****

Peak Number 4 Decane, 1-fluoro- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.62	110.25 ng	31734200	Acenaphthene-d10	14.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 1-fluoro-	160	C10H21F	000334-56-5	53
2	Pentanoic acid, 1,1-dimethylprop...	172	C10H20O2	117421-32-6	35
3	Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	27
4	Propanoic acid, octyl ester	186	C11H22O2	000142-60-9	27
5	Formic acid, dec-2-yl ester	186	C11H22O2	1000367-89-5	27





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Sample : I2758-01
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ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

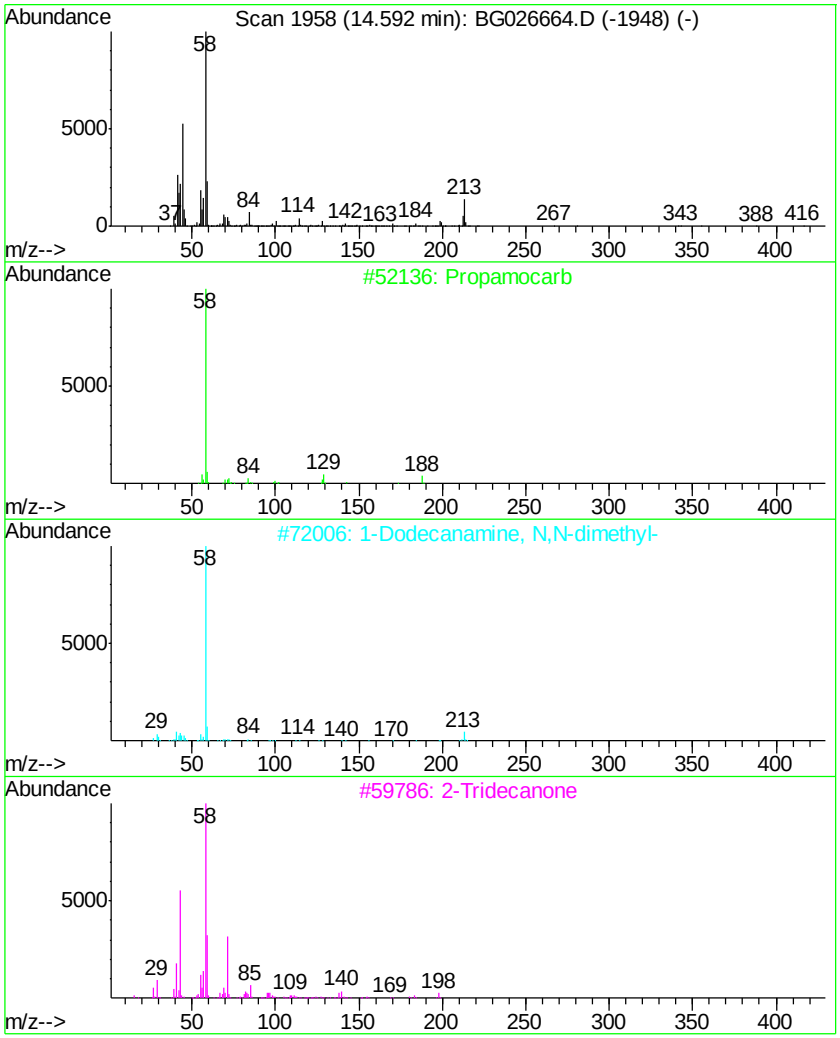
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

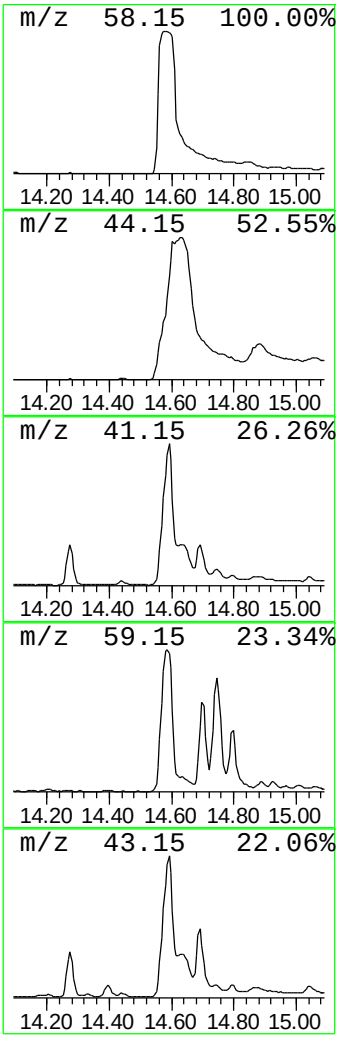
****

Peak Number 5 Propamocarb Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.59	131.89 ng	37961500	Acenaphthene-d10	14.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propamocarb	188	C9H20N2O2	024579-73-5	50
2	1-Dodecanamine, N,N-dimethyl-	213	C14H31N	000112-18-5	49
3	2-Tridecanone	198	C13H26O	000593-08-8	47
4	N-[3-Methylaminopropyl]aziridine	114	C6H14N2	1000256-18-9	45
5	N,N-Diethylpropionamide	129	C7H15NO	001114-51-8	45





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Instrument : BNA_G
ClientSampleId : CLEAN-HARBORS-DRUMS(1-9)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

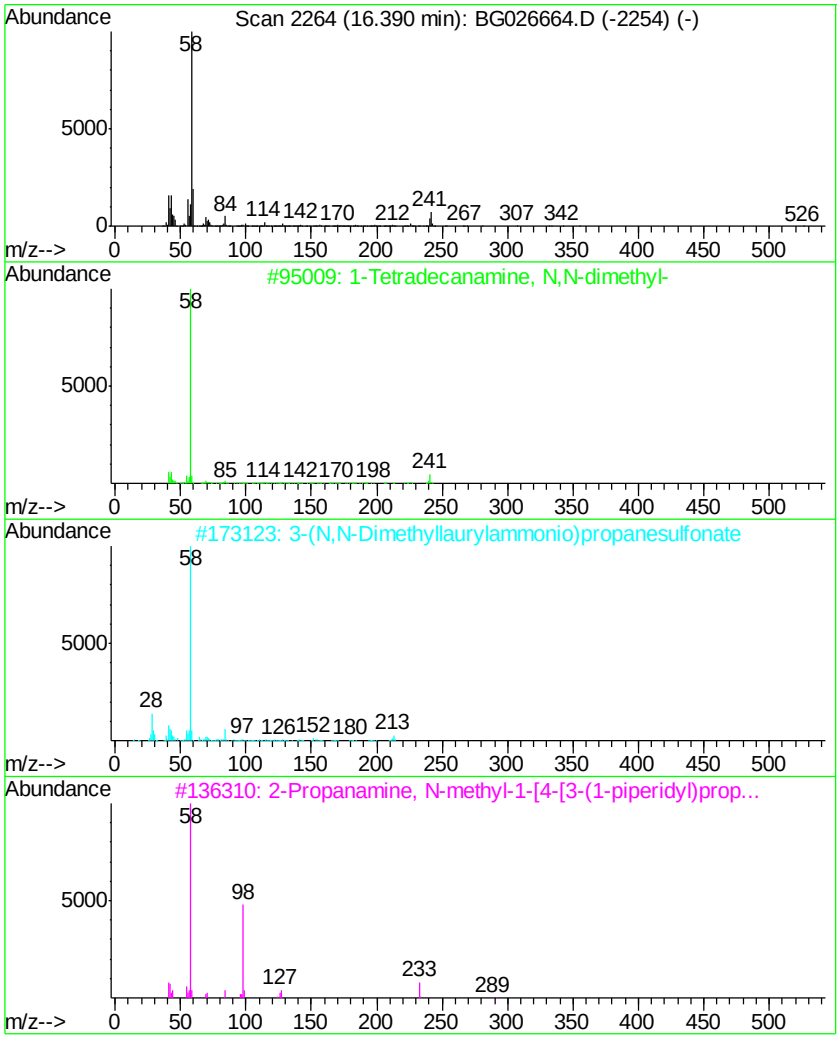
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

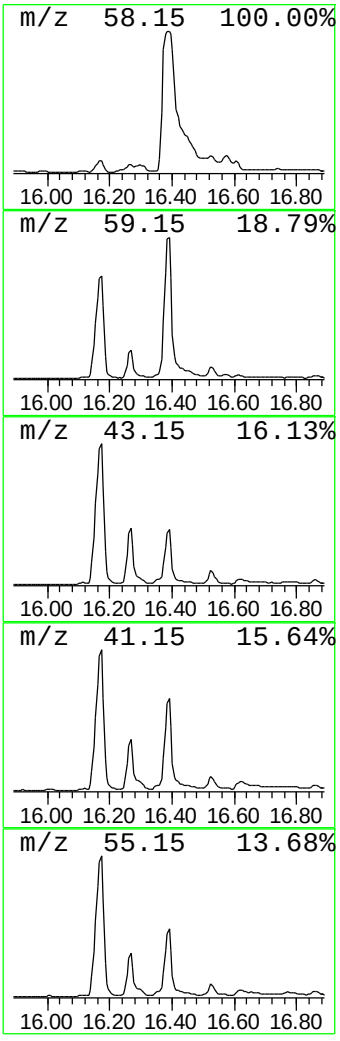
****

Peak Number 6 1-Tetradecanamine, N,N-dime... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.39	156.20 ng	21742300	Phenanthrene-d10	17.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tetradecanamine, N,N-dimethyl-	241	C16H35N	000112-75-4	72
2	3-(N,N-Dimethyllaurylammonio)pro...	335	C17H37NO3S	014933-08-5	50
3	2-Propanamine, N-methyl-1-[4-[3-...	290	C18H30N2O	126002-12-8	39
4	1-Heptanamine, N,N-dimethyl-	143	C9H21N	005277-11-2	39
5	1,2-Ethanediamine, N'-ethyl-N,N-...	116	C6H16N2	000123-83-1	38





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Operator : SJ/MA
Sample : I2758-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CLEAN-HARBORS-DRUMS(1-9)

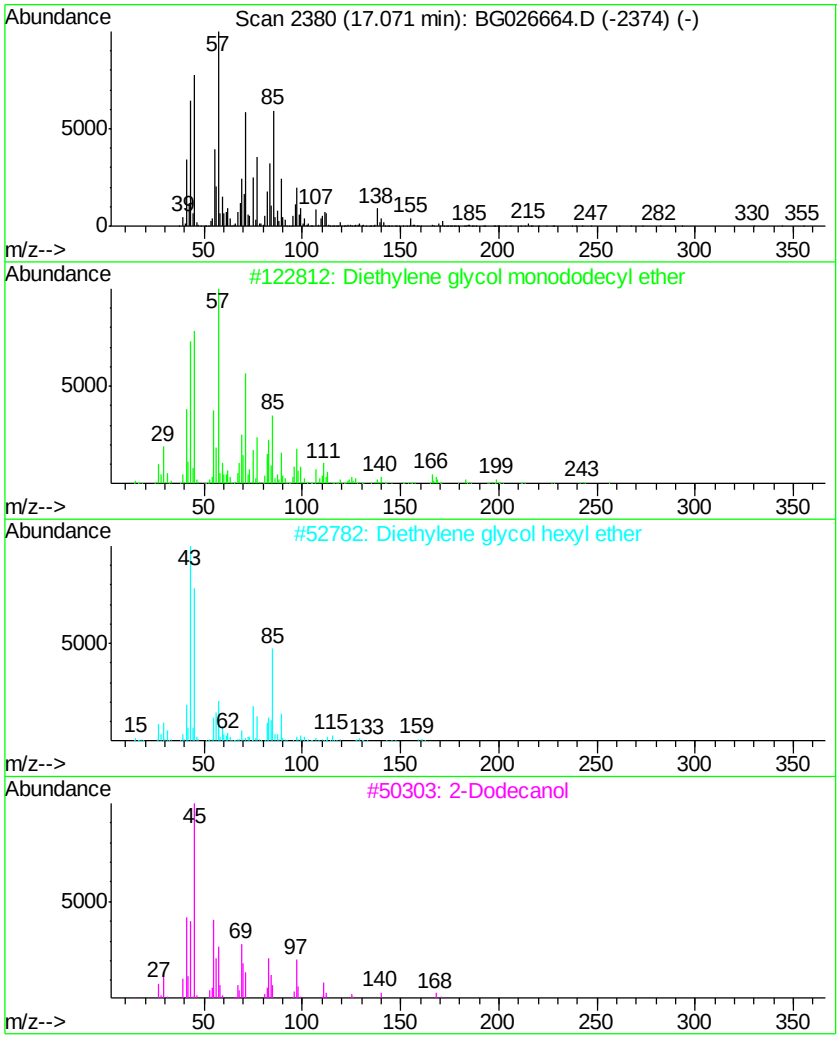
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

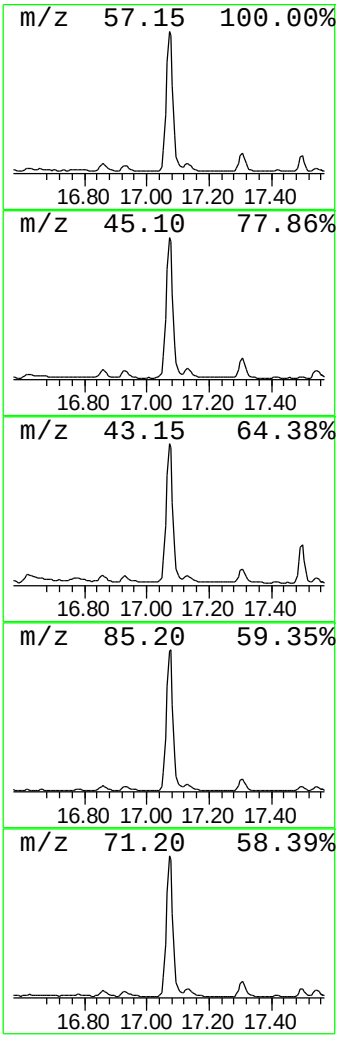
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Diethylene glycol monododec... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.07	121.19 ng	16868200	Phenanthrene-d10	17.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethylene glycol monododecyl ether	274	C16H34O3	003055-93-4	58
2	Diethylene glycol hexyl ether	190	C10H22O3	000112-59-4	43
3	2-Dodecanol	186	C12H26O	010203-28-8	38
4	2-Tridecanol	200	C13H28O	001653-31-2	35
5	Tritetracontane	605	C43H88	007098-21-7	27





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041917\
Data File : BG026664.D
Acq On : 19 Apr 2017 20:11
Operator : SJ/MA
Sample : I2758-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CLEAN-HARBORS-DRUMS(1-9)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

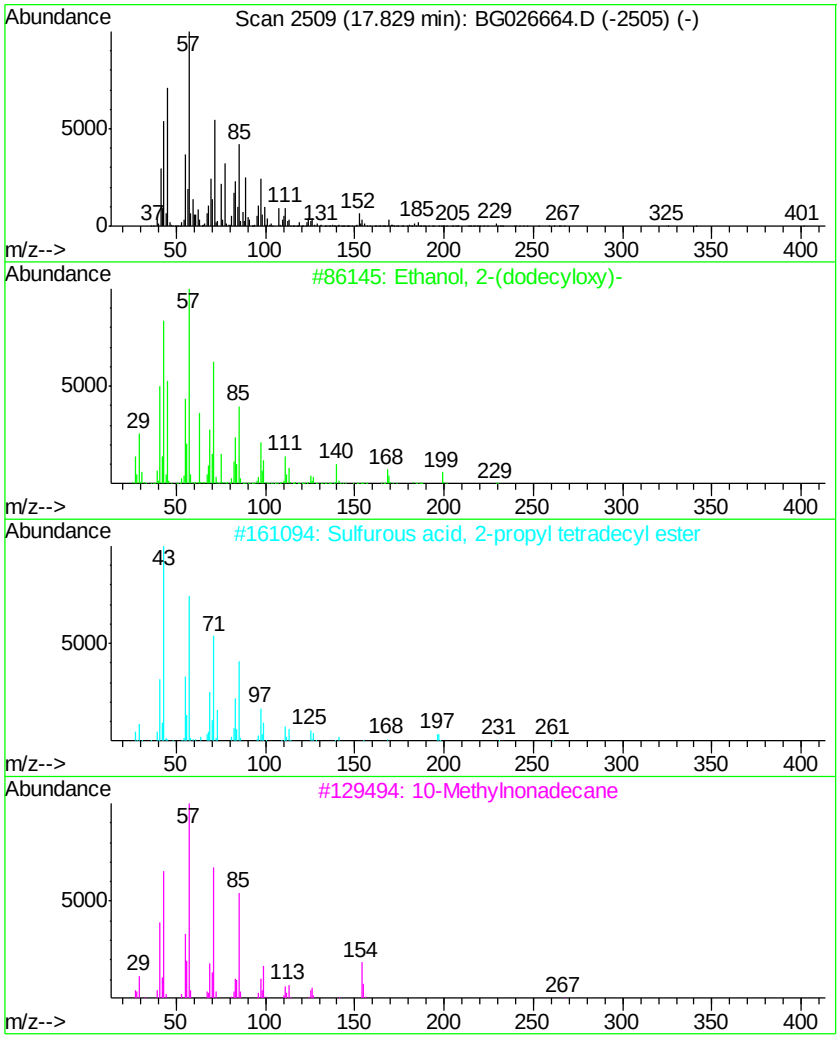
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

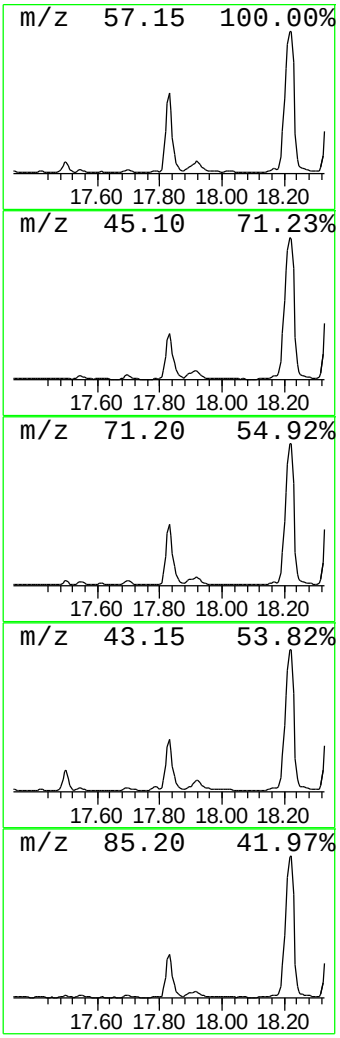
****

Peak Number 8 Ethanol, 2-(dodecyloxy)- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.83	96.14 ng	13382300	Phenanthrene-d10	17.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(dodecyloxy)-	230	C14H30O2	004536-30-5	89
2	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	46
3	10-Methylnonadecane	282	C20H42	056862-62-5	43
4	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	41
5	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	38





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041917\
Data File : BG026664.D
Acq On : 19 Apr 2017 20:11
Operator : SJ/MA
Sample : I2758-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CLEAN-HARBORS-DRUMS(1-9)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041817.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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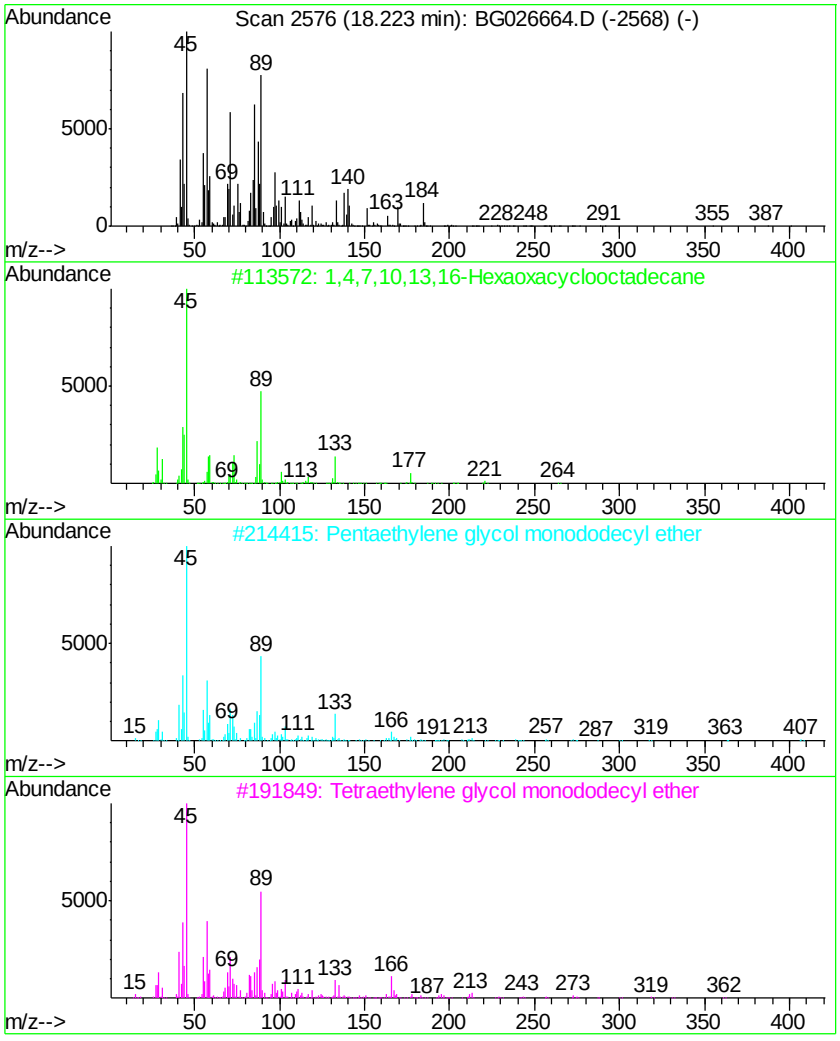
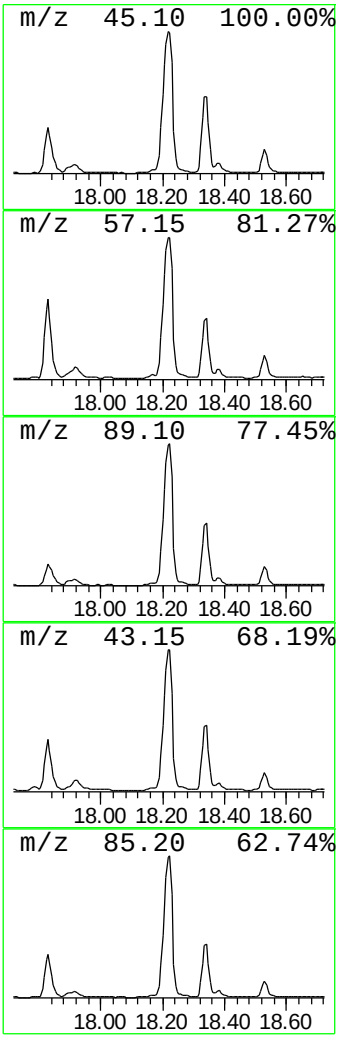
Peak Number 9 1,4,7,10,13,16-Hexaoxacyclo... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.22	355.49 ng	49481700	Phenanthrene-d10	17.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4,7,10,13,16-Hexaoxacyclooctad...	264	C12H24O6	017455-13-9	68
2	Pentaethylene glycol monododecyl...	406	C22H46O6	003055-95-6	64
3	Tetraethylene glycol monododecyl...	362	C20H42O5	005274-68-0	59
4	Pentaethylene glycol	238	C10H22O6	004792-15-8	53
5	1,4,7,10,13,16-Hexaoxanonadecane...	320	C16H32O6	1000163-65-3	53





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041917\
Data File : BG026664.D
Acq On : 19 Apr 2017 20:11
Operator : SJ/MA
Sample : I2758-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CLEAN-HARBORS-DRUMS(1-9)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041817.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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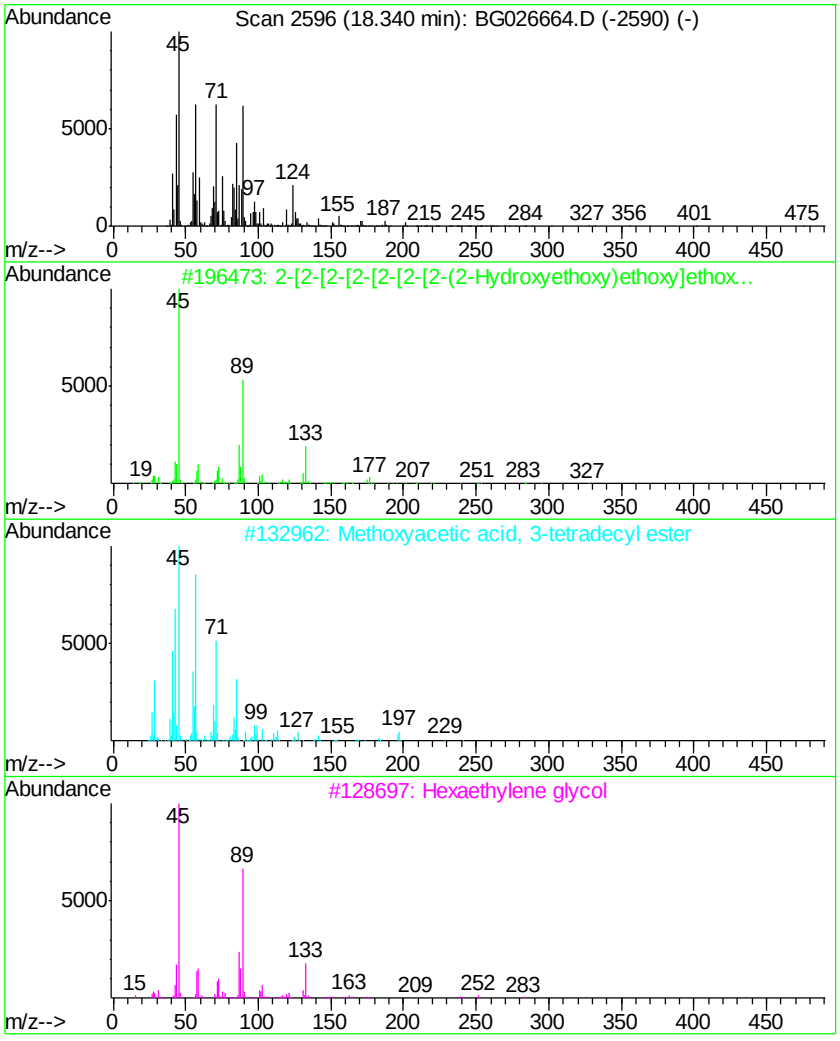
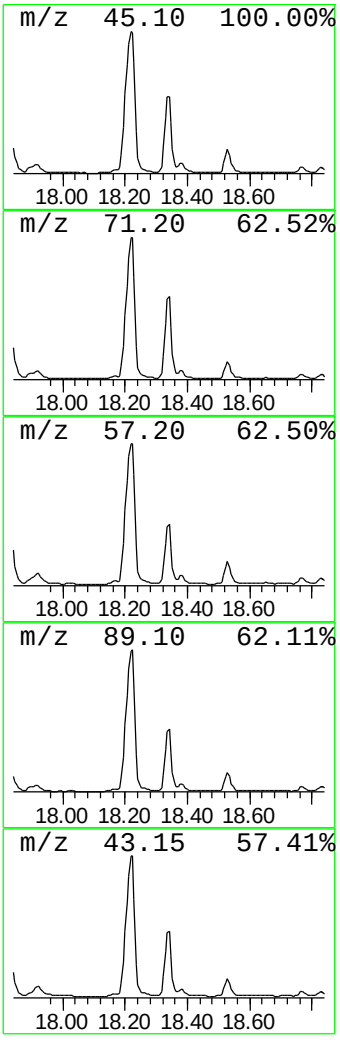
Peak Number 10 unknown18.34 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.34	112.24 ng	15623100	Phenanthrene-d10	17.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-[2-[2-[2-[2-[2-[2-(2-Hydroxyet...	370	C16H34O9	005117-19-1	47
2	Methoxyacetic acid, 3-tetradecyl...	286	C17H34O3	1000282-04-9	47
3	Hexaethylene glycol	282	C12H26O7	002615-15-8	43
4	Tetraethylene glycol	194	C8H18O5	000112-60-7	43
5	Heptaethylene glycol	326	C14H30O8	005617-32-3	38





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041917\
Data File : BG026664.D
Acq On : 19 Apr 2017 20:11
Operator : SJ/MA
Sample : I2758-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CLEAN-HARBORS-DRUMS(1-9)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041817.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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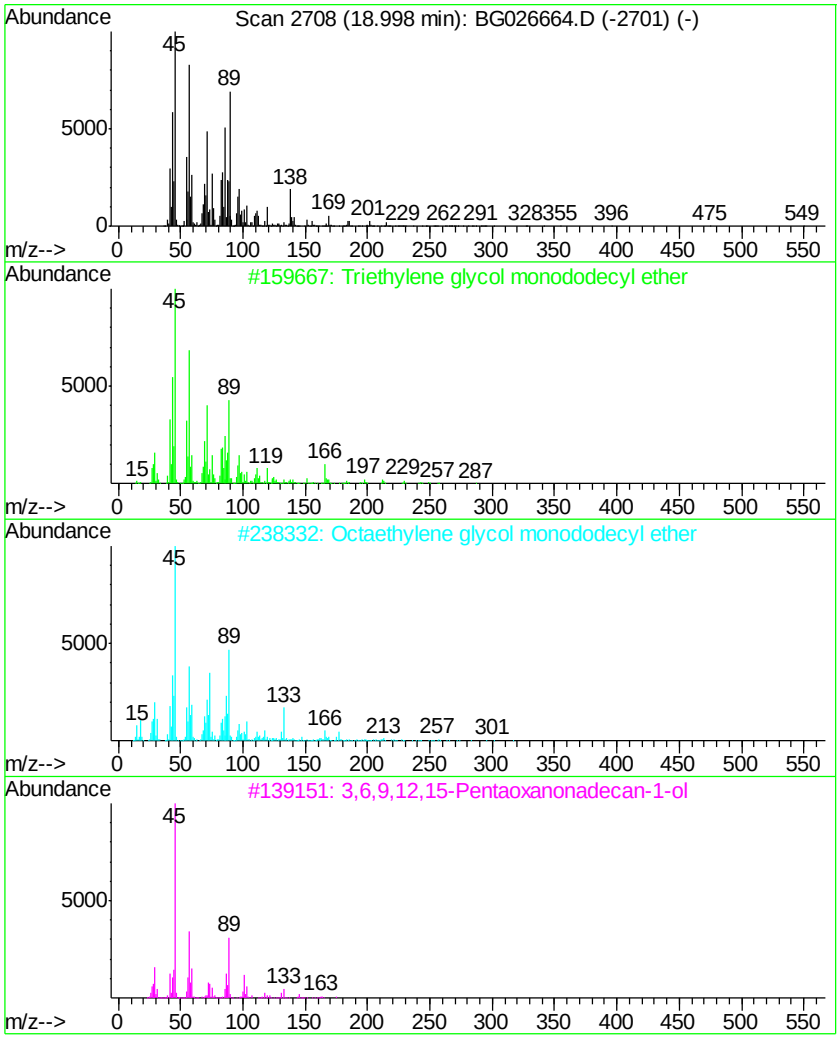
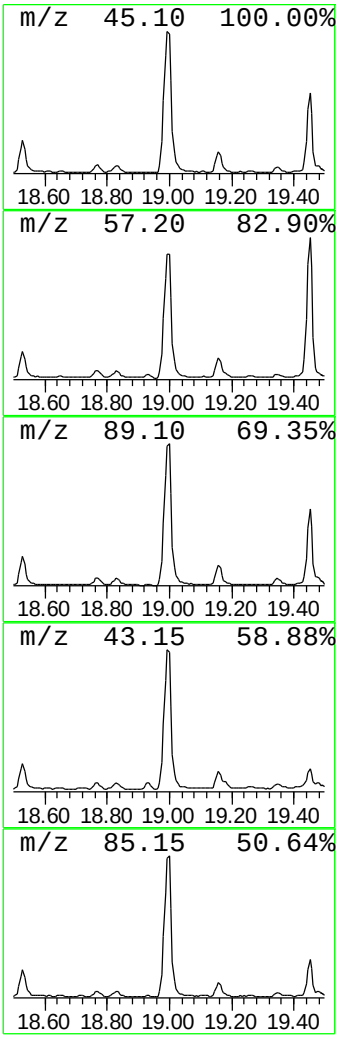
Peak Number 11 Triethylene glycol monodode... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.00	198.09 ng	27571800	Phenanthrene-d10	17.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triethylene glycol monododecyl e...	318	C18H38O4	003055-94-5	74
2	Octaethylene glycol monododecyl ...	538	C28H58O9	003055-98-9	58
3	3,6,9,12,15-Pentaoxanonadecan-1-ol	294	C14H30O6	001786-94-3	52
4	Methoxyacetic acid, 2-tridecyl e...	272	C16H32O3	1000282-04-5	43
5	Methoxyacetic acid, 3-tetradecyl...	286	C17H34O3	1000282-04-9	38





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041917\
Data File : BG026664.D
Acq On : 19 Apr 2017 20:11
Operator : SJ/MA
Sample : I2758-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CLEAN-HARBORS-DRUMS(1-9)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041817.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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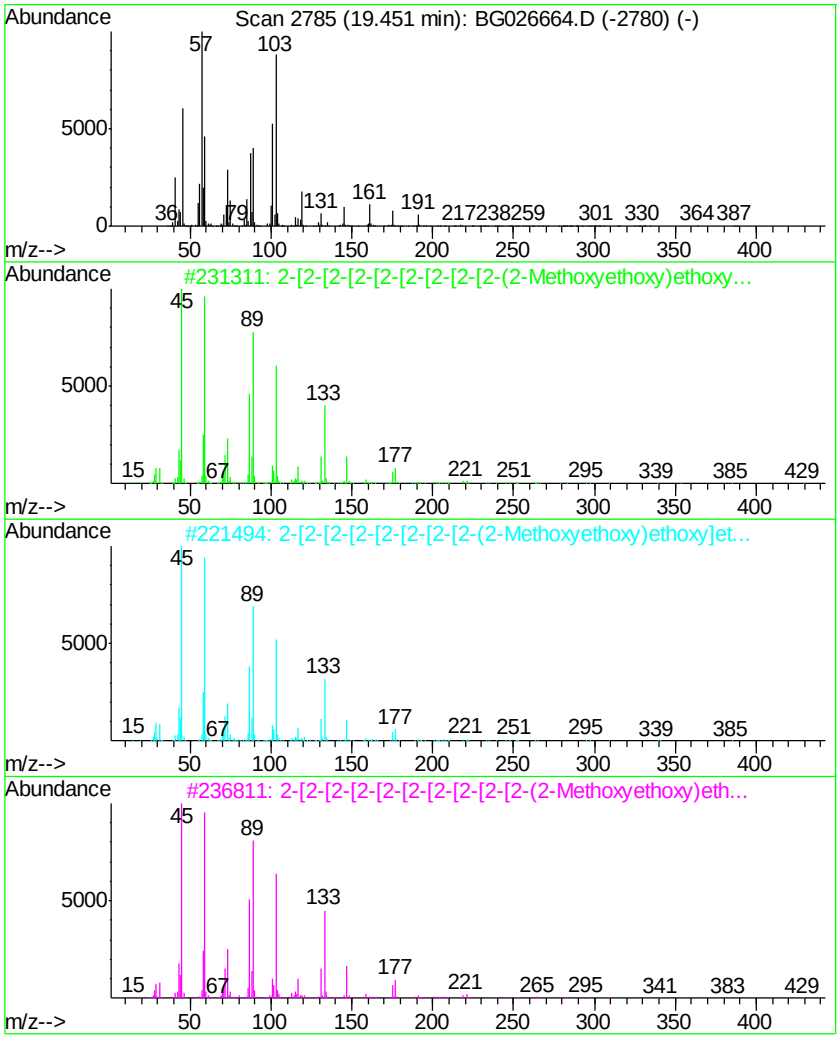
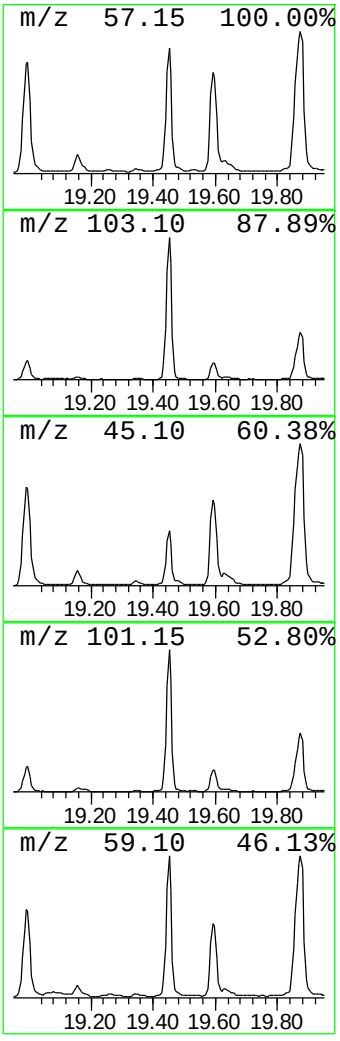
Peak Number 12 unknown19.45 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.45	96.75 ng	13467400	Phenanthrene-d10	17.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-[2-[2-[2-[2-[2-[2-[2-[2-(2-Met...	472	C21H44O11	1000352-11-2	46
2	2-[2-[2-[2-[2-[2-[2-[2-[2-(2-Methox...	428	C19H40O10	1000352-04-3	43
3	2-[2-[2-[2-[2-[2-[2-[2-[2-[2-(2-...	516	C23H48O12	1000352-04-4	43
4	Butyl 2-(2-(2-ethoxyethoxy)ethox...	248	C12H24O5	1000366-77-5	43
5	2-[2-[2-[2-[2-[2-(2-Methoxyethox...	340	C15H32O8	1000352-04-1	38





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Acq On : 19 Apr 2017 20:11
Operator : SJ/MA
Sample : I2758-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CLEAN-HARBORS-DRUMS(1-9)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041817.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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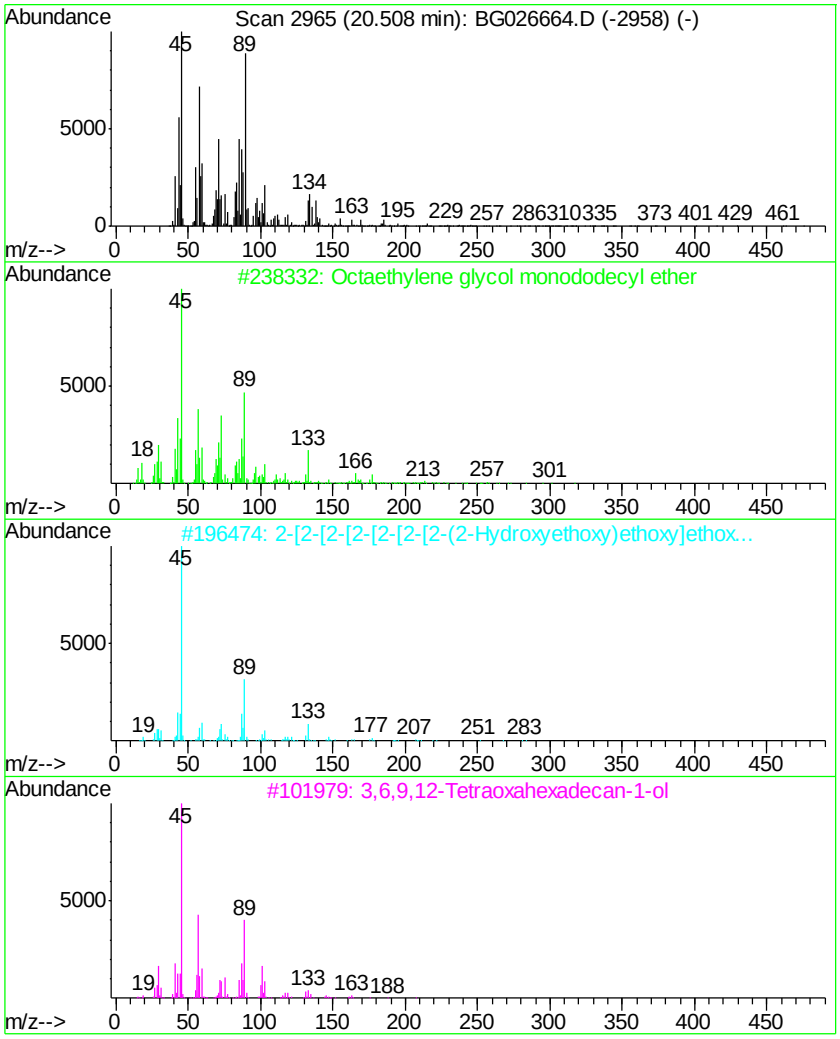
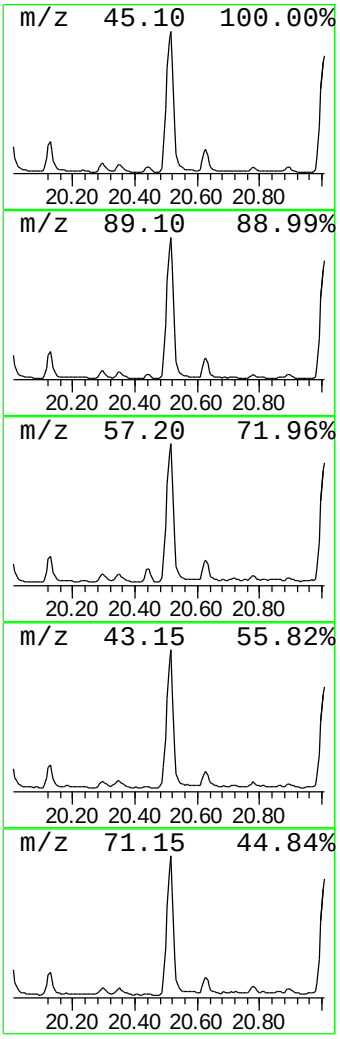
Peak Number 14 Octaethylene glycol monodod... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.51	133.25 ng	37643100	Chrysene-d12	21.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octaethylene glycol monododecyl ...	538	C28H58O9	003055-98-9	78
2	2-[2-[2-[2-[2-[2-[2-(2-Hydroxyet...	370	C16H34O9	005117-19-1	74
3	3,6,9,12-Tetraoxahexadecan-1-ol	250	C12H26O5	001559-34-8	72
4	2-[2-[2-[2-[2-[2-[2-[2-(2-Methox...	428	C19H40O10	1000352-04-3	64
5	1,4,7,10,13,16-Hexaoxacyclooctad...	264	C12H24O6	017455-13-9	64





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Acq On : 19 Apr 2017 20:11
Operator : SJ/MA
Sample : I2758-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CLEAN-HARBORS-DRUMS(1-9)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041817.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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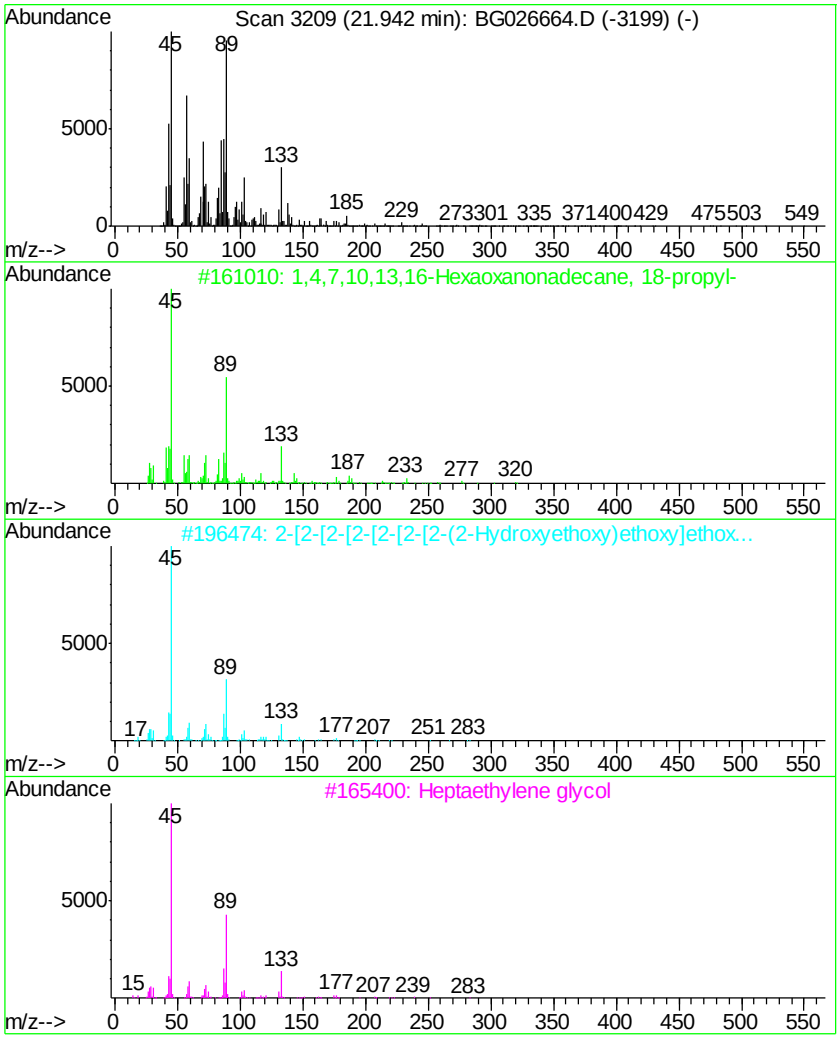
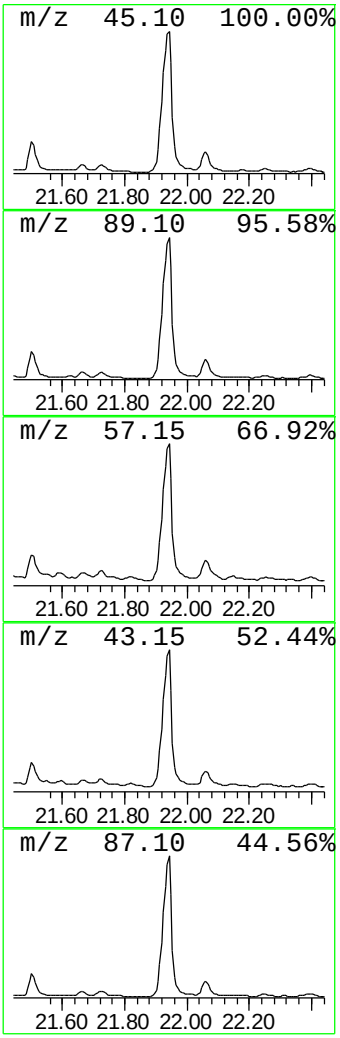
Peak Number 17 1,4,7,10,13,16-Hexaoxanonad... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.94	157.10 ng	44379200	Chrysene-d12	21.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4,7,10,13,16-Hexaoxanonadecane...	320	C16H32O6	1000163-65-3	90
2	2-[2-[2-[2-[2-[2-(2-Hydroxyet...	370	C16H34O9	005117-19-1	87
3	Heptaethylene glycol	326	C14H30O8	005617-32-3	72
4	Hexaethylene glycol	282	C12H26O7	002615-15-8	72
5	2-[2-[2-[2-[2-[2-[2-[2-(2-Hydrox...	414	C18H38O10	1000352-12-5	72





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Sample : I2758-01
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Instrument :
BNA_G
ClientSampleId :
CLEAN-HARBORS-DRUMS(1-9)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041817.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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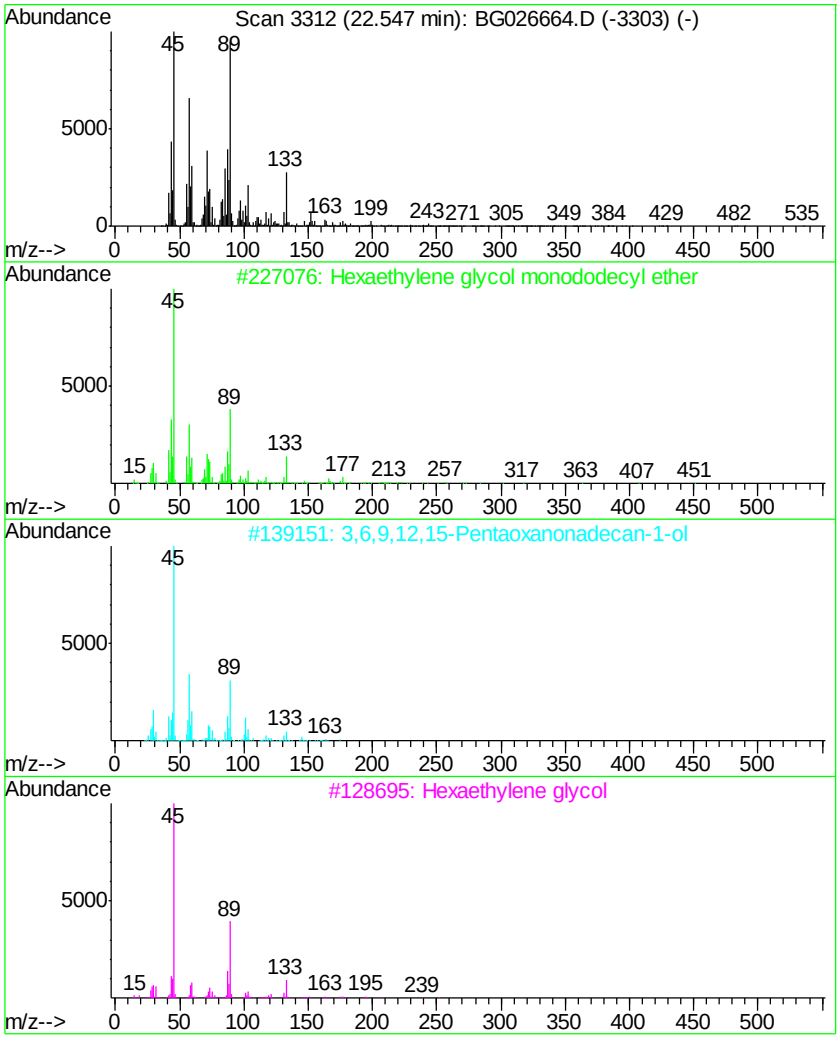
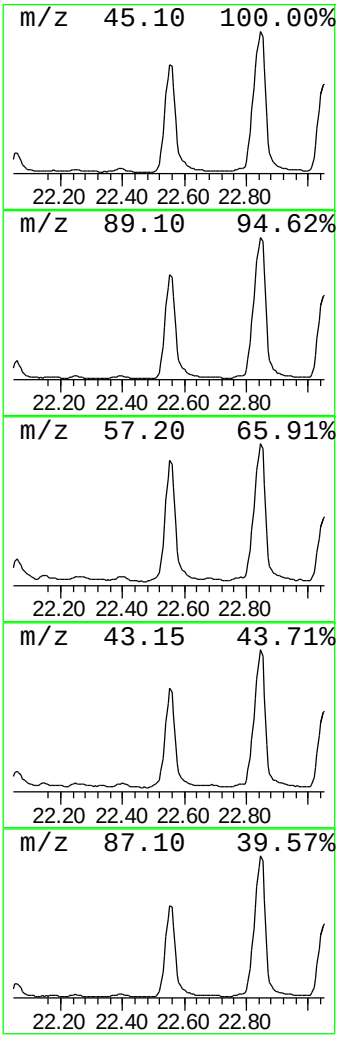
Peak Number 18 Hexaethylene glycol monodod... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.55	127.27 ng	35953600	Chrysene-d12	21.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexaethylene glycol monododecyl ...	450	C24H50O7	003055-96-7	86
2	3,6,9,12,15-Pentaoxanonadecan-1-ol	294	C14H30O6	001786-94-3	86
3	Hexaethylene glycol	282	C12H26O7	002615-15-8	80
4	2-[2-[2-[2-[2-[2-[2-(2-Hydroxyet...	370	C16H34O9	005117-19-1	80
5	2-[2-[2-[2-[2-[2-[2-[2-(2-Hydrox...	414	C18H38O10	1000352-12-5	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041917\
Data File : BG026664.D
Acq On : 19 Apr 2017 20:11
Operator : SJ/MA
Sample : I2758-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CLEAN-HARBORS-DRUMS(1-9)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041817.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
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2-(2-(2-(2-(2-(2-...	11.52	1105.2	ng	184530000	2	10.83	3339380	20.0
2-Propanol, 1-(2-...	11.75	114.1	ng	19050300	2	10.83	3339380	20.0
Decane, 1-fluoro-	13.62	110.3	ng	31734200	3	14.64	5756720	20.0
Propamocarb	14.59	131.9	ng	37961500	3	14.64	5756720	20.0
1-Tetradecanamine...	16.39	156.2	ng	21742300	4	17.37	2783850	20.0
Diethylene glycol...	17.07	121.2	ng	16868200	4	17.37	2783850	20.0
Ethanol, 2-(dodec...	17.83	96.1	ng	13382300	4	17.37	2783850	20.0
1,4,7,10,13,16-He...	18.22	355.5	ng	49481700	4	17.37	2783850	20.0
unknown18.34	18.34	112.2	ng	15623100	4	17.37	2783850	20.0
Triethylene glyco...	19.00	198.1	ng	27571800	4	17.37	2783850	20.0
unknown19.45	19.45	96.8	ng	13467400	4	17.37	2783850	20.0
Octaethylene glyc...	20.51	133.3	ng	37643100	5	21.62	5649820	20.0
1,4,7,10,13,16-He...	21.94	157.1	ng	44379200	5	21.62	5649820	20.0
Hexaethylene glyc...	22.55	127.3	ng	35953600	5	21.62	5649820	20.0