LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010719\
Data File : BG038973.D
Acq On : 7 Jan 2019 19:12
Operator : JU/SJ
Sample : K1036-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 13-E

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-BG121218.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	5.602	421	428	441	rBV	362759	604736	10.85%	2.599%
2	7.206	693	701	713	rBV	382118	692358	12.43%	2.976%
3	7.576	756	764	778	rVB	383668	679398	12.20%	2.920%
4	8.046	838	844	851	rVB	120348	208999	3.75%	0.898%
5	8.369	891	899	908	rVB	298117	538754	9.67%	2.316%
6	9.227	1034	1045	1057	rBV	247186	488478	8.77%	2.100%
7	10.784	1302	1310	1316	rBV	62669	101199	1.82%	0.435%
8	10.861	1316	1323	1332	rVB	159871	301057	5.40%	1.294%
9	13.299	1731	1738	1747	rBV	700865	1139622	20.46%	4.898%
10	13.463	1759	1766	1771	rBV	109206	155236	2.79%	0.667%
11	14.680	1962	1973	1981	rBV4	306530	577389	10.36%	2.482%
12	15.150	2047	2053	2059	rVB	415076	574726	10.32%	2.470%
13	15.485	2105	2110	2114	rBV	156125	214918	3.86%	0.924%
14	15.866	2169	2175	2180	rBV2	49306	72678	1.30%	0.312%
15	16.037	2200	2204	2212	rVB2	57837	103770	1.86%	0.446%
16	16.172	2220	2227	2235	rBV	518913	848828	15.24%	3.648%
17	16.272	2240	2244	2251	rVV	41050	69979	1.26%	0.301%
18	16.342	2251	2256	2267	rVB2	38846	67572	1.21%	0.290%
19	17.089	2379	2383	2387	rVV2	55828	77562	1.39%	0.333%
20	17.136	2387	2391	2395	rVV	178896	248323	4.46%	1.067%
21	17.429	2435	2441	2454	rVB2	303311	499710	8.97%	2.148%
22	17.611	2465	2472	2480	rBV	94724	140653	2.52%	0.605%
23	17.876	2513	2517	2523	rBV	42090	60005	1.08%	0.258%
24	18.293	2583	2588	2594	rBV2	187773	271245	4.87%	1.166%
25	18.381	2599	2603	2608	rVV	41576	64309	1.15%	0.276%
26	18.440	2608	2613	2617	rVV4	33312	62913	1.13%	0.270%
27	18.528	2624	2628	2631	rVV	62358	92268	1.66%	0.397%
28	18.563	2631	2634	2638	rVV	161972	219853	3.95%	0.945%
29	18.604	2638	2641	2646	rVB	41255	57984	1.04%	0.249%
30	18.969	2696	2703	2707	rBV	107360	143638	2.58%	0.617%
31	19.556	2800	2803	2811	rVV6	45232	108878	1.95%	0.468%
32	19.674	2818	2823	2827	rBV4	39662	67859	1.22%	0.292%
33	19.744	2832	2835	2837	rVV	73176	98704	1.77%	0.424%
34	19.768	2837	2839	2843	rVV	150576	170417	3.06%	0.732%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010719\
Data File : BG038973.D
Acq On : 7 Jan 2019 19:12
Operator : JU/SJ
Sample : K1036-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 13-E

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-BG121218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	19.815	2843	2847	2852	rVB	41156	64527	1.16%	0.277%
36	20.032	2878	2884	2890	rVV	1170574	1548613	27.80%	6.656%
37	20.109	2893	2897	2903	rVB	118485	137894	2.48%	0.593%
38	20.244	2913	2920	2924	rBV2	47448	70392	1.26%	0.303%
39	20.297	2924	2929	2934	rBV2	54023	80581	1.45%	0.346%
40	20.726	2995	3002	3004	rVV4	35367	68301	1.23%	0.294%
41	20.796	3008	3014	3018	rVV2	132457	223686	4.02%	0.961%
42	20.849	3018	3023	3029	rVB	36796	67504	1.21%	0.290%
43	21.107	3063	3067	3072	rBV	97811	117767	2.11%	0.506%
44	21.295	3090	3099	3107	rBV4	60252	153004	2.75%	0.658%
45	21.401	3113	3117	3124	rVB2	47215	77372	1.39%	0.333%
46	21.554	3141	3143	3148	rVB2	51880	65170	1.17%	0.280%
47	21.619	3149	3154	3160	rVB	156336	247660	4.45%	1.064%
48	21.713	3160	3170	3178	rBV	319893	617825	11.09%	2.655%
49	21.848	3178	3193	3198	rBV5	102490	272303	4.89%	1.170%
50	21.924	3204	3206	3212	rVB3	39954	57664	1.04%	0.248%
51	22.224	3251	3257	3260	rBV	103554	210536	3.78%	0.905%
52	22.394	3265	3286	3313	rVV3	756027	5571063	100.00%	23.945%
53	22.588	3315	3319	3326	rVB3	38906	76161	1.37%	0.327%
54	23.158	3409	3416	3419	rBV4	147633	359457	6.45%	1.545%
55	23.258	3426	3433	3458	rVB4	375453	1678191	30.12%	7.213%
56	23.646	3493	3499	3504	rBV2	50292	103643	1.86%	0.445%
57	23.963	3547	3553	3558	rBV2	52066	111802	2.01%	0.481%
58	25.009	3721	3731	3740	rVB2	166170	464949	8.35%	1.998%
59	25.608	3826	3833	3836	rBV2	32098	74503	1.34%	0.320%
60	25.679	3837	3845	3859	rVB2	135460	433773	7.79%	1.864%
61	26.055	3903	3909	3919	rVB5	30335	95402	1.71%	0.410%
62	31.049	4750	4759	4761	rBV4	36043	101482	1.82%	0.436%
63	32.136	4930	4944	4959	rVB4	56264	290995	5.22%	1.251%

Sum of corrected areas: 23266238

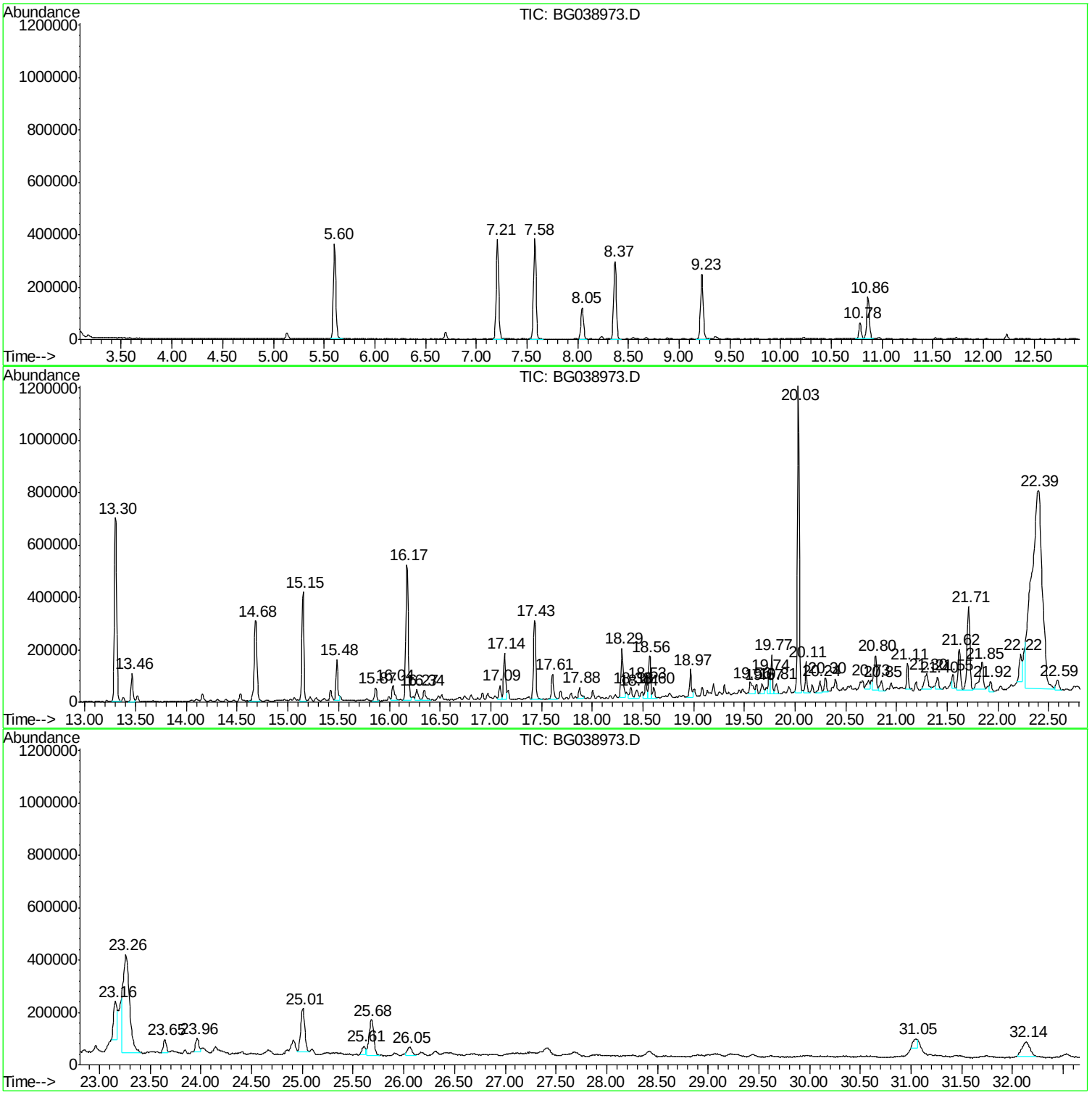
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010719\
Data File : BG038973.D
Acq On : 7 Jan 2019 19:12
Operator : JU/SJ
Sample : K1036-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 13-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.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\BG010719\
Data File : BG038973.D
Acq On : 7 Jan 2019 19:12
Operator : JU/SJ
Sample : K1036-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 13-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.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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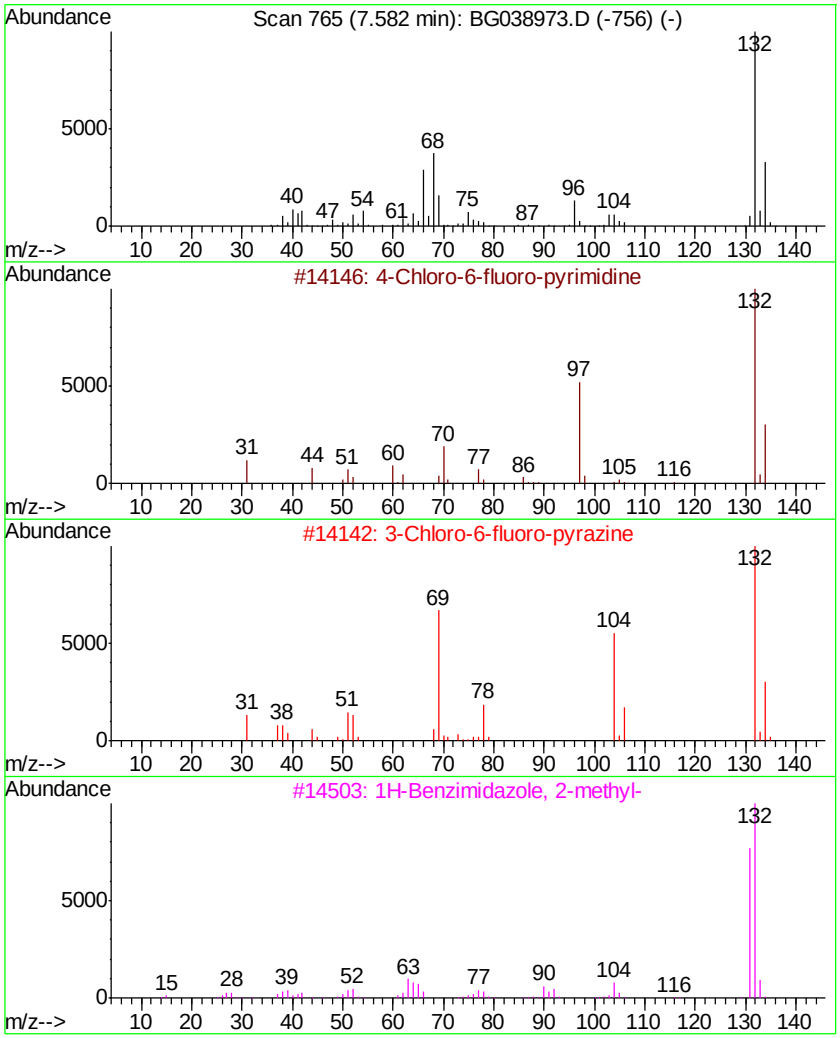
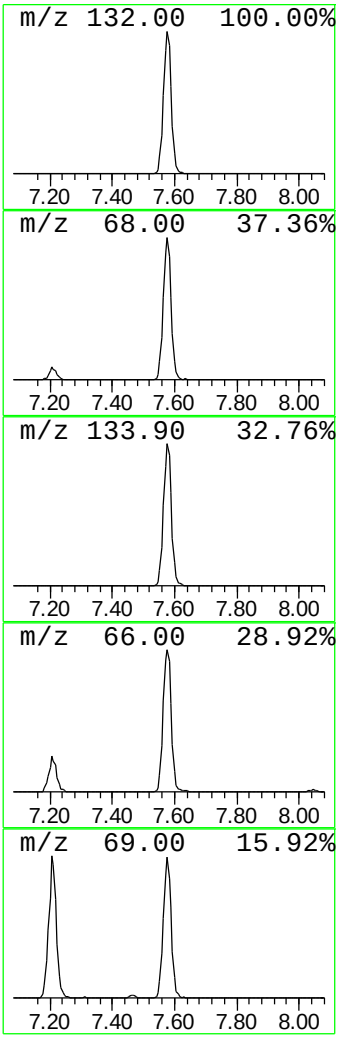
Peak Number 1 unknown7.58 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.58	65.01 ng	679398	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
5	5-Aminoindole	132	C8H8N2	005192-03-0	12





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010719\
Data File : BG038973.D
Acq On : 7 Jan 2019 19:12
Operator : JU/SJ
Sample : K1036-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 13-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

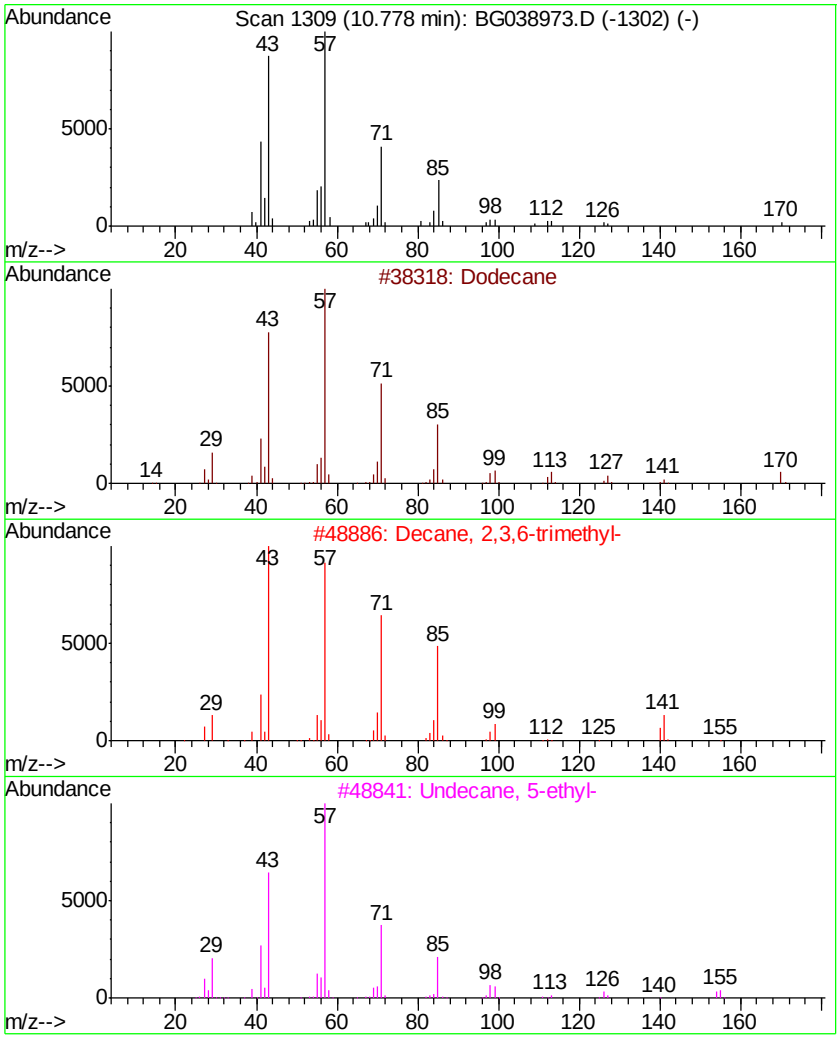
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

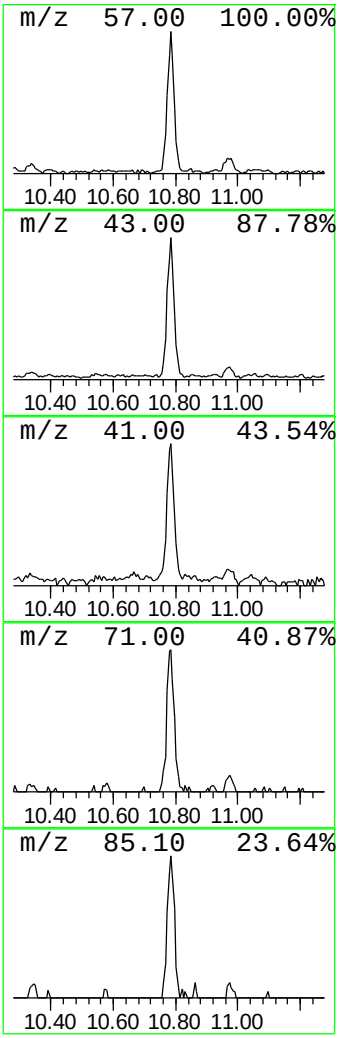
****

Peak Number 3 Dodecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.78	6.72 ng	101199	Naphthalene-d8	10.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	72
2	Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	64
3	Undecane, 5-ethyl-	184	C13H28	017453-94-0	59
4	Nonane	128	C9H20	000111-84-2	59
5	1-Iodoundecane	282	C11H23I	004282-44-4	59





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010719\
Data File : BG038973.D
Acq On : 7 Jan 2019 19:12
Operator : JU/SJ
Sample : K1036-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 13-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.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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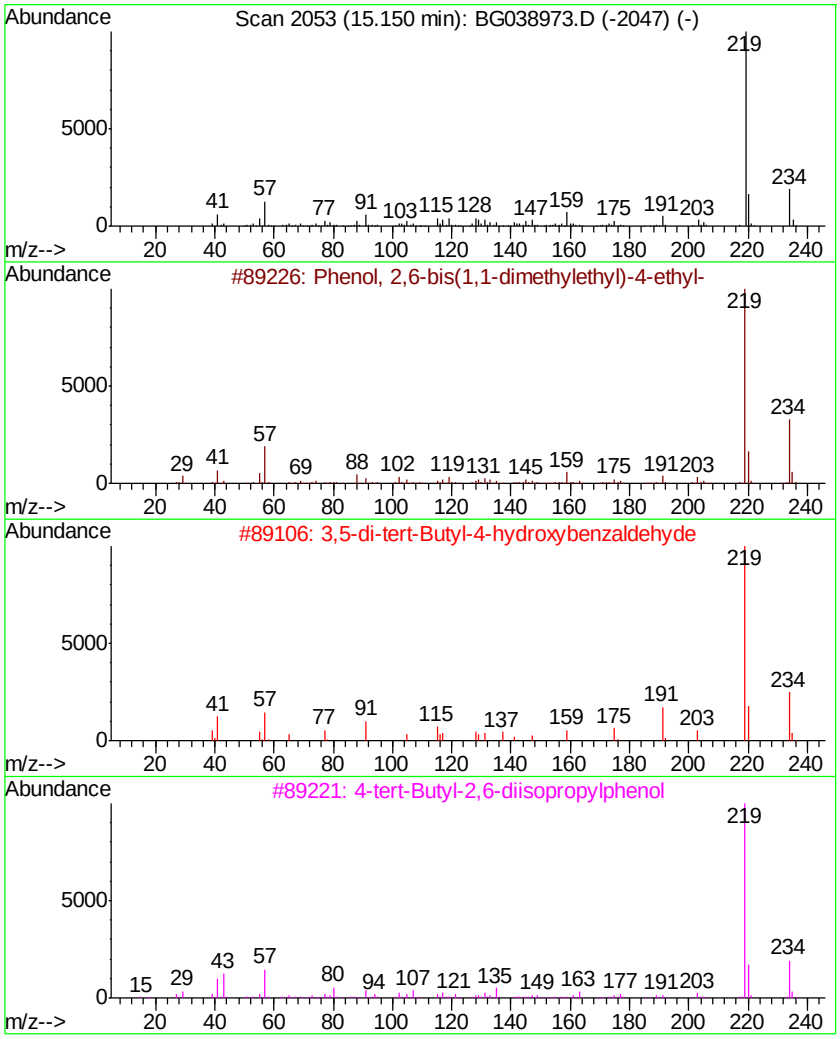
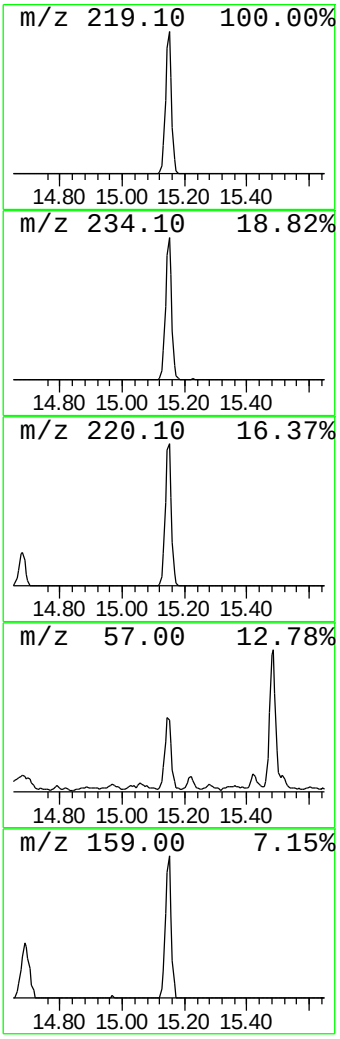
Peak Number 4 Phenol, 2,6-bis(1,1-dimethy... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.15	19.91 ng	574726	Acenaphthene-d10	14.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,6-bis(1,1-dimethylethy...	234	C16H26O	004130-42-1	91
2	3,5-di-tert-Butyl-4-hydroxybenza...	234	C15H22O2	001620-98-0	90
3	4-tert-Butyl-2,6-diisopropylphenol	234	C16H26O	057354-65-1	74
4	3,5-Di-tert-butylbenzoic acid	234	C15H22O2	016225-26-6	72
5	5,8-Methano-1H-[1,2,4]triazolo[1...	395	C25H21N3O2	1000142-91-6	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010719\
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Operator : JU/SJ
Sample : K1036-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 13-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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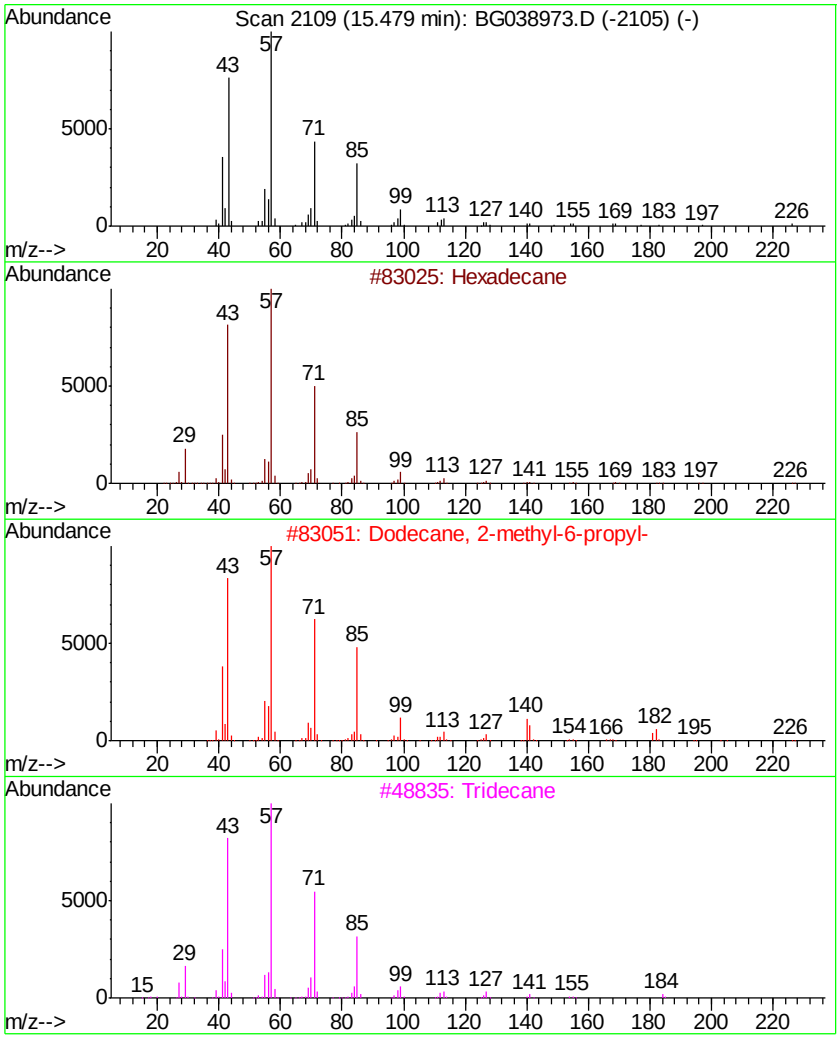
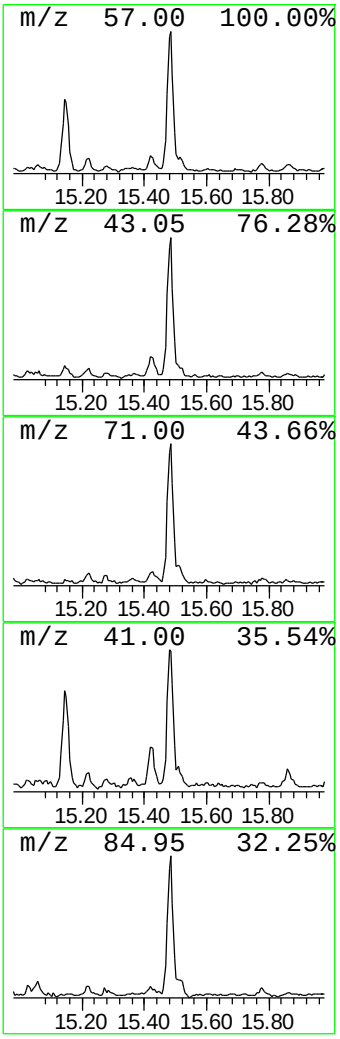
Peak Number 5 Hexadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.48	7.44 ng	214918	Acenaphthene-d10	14.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	97
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
3	Tridecane	184	C13H28	000629-50-5	86
4	Tetradecane	198	C14H30	000629-59-4	72
5	Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010719\
Data File : BG038973.D
Acq On : 7 Jan 2019 19:12
Operator : JU/SJ
Sample : K1036-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 13-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

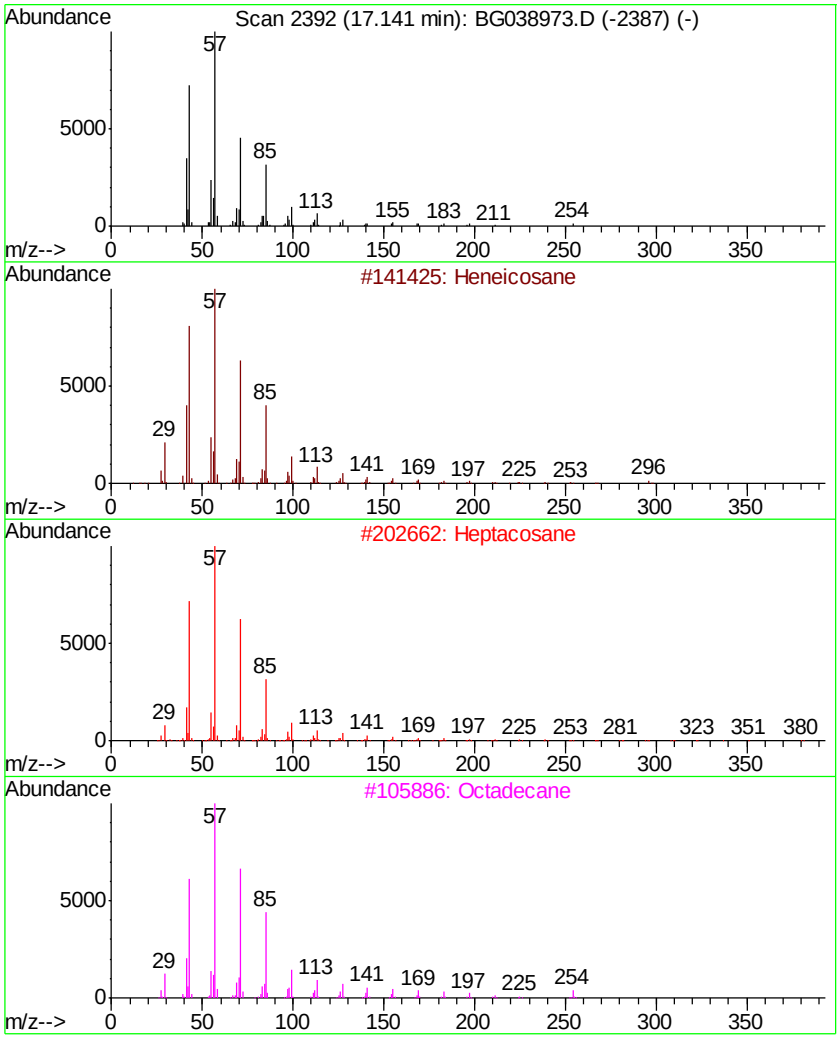
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

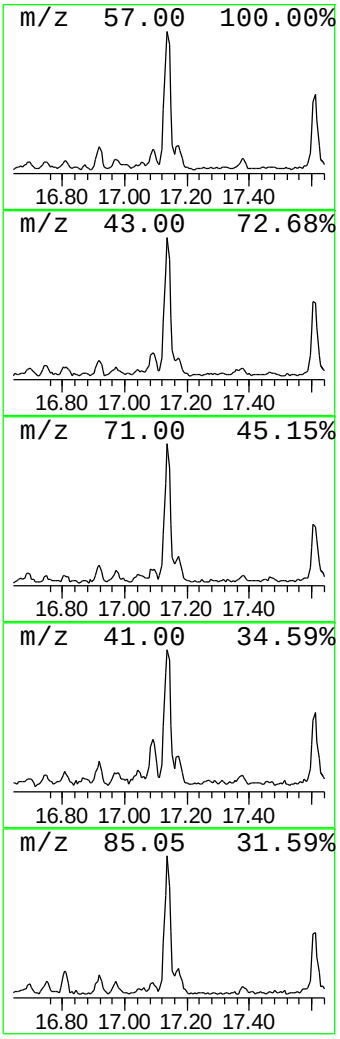
****

Peak Number 6 Heneicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.14	9.94 ng	248323	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Heptacosane	380	C27H56	000593-49-7	90
3	Octadecane	254	C18H38	000593-45-3	87
4	Hexadecane	226	C16H34	000544-76-3	87
5	Heptadecane	240	C17H36	000629-78-7	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010719\
Data File : BG038973.D
Acq On : 7 Jan 2019 19:12
Operator : JU/SJ
Sample : K1036-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 13-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

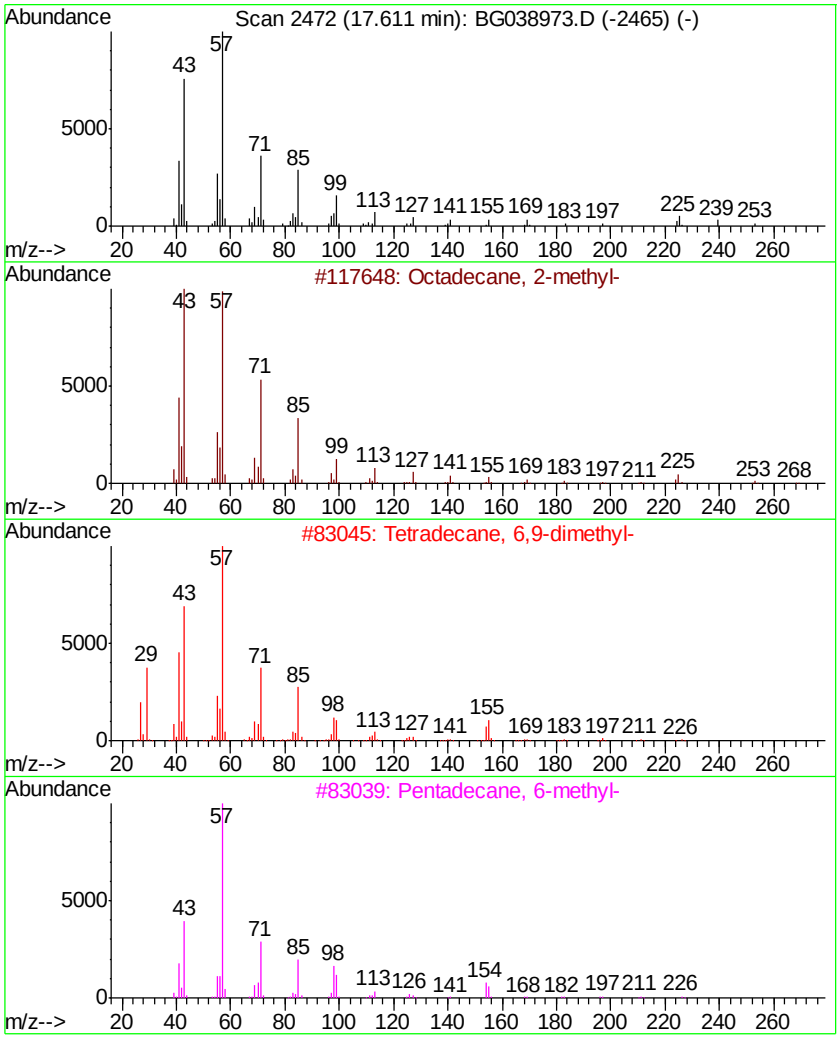
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

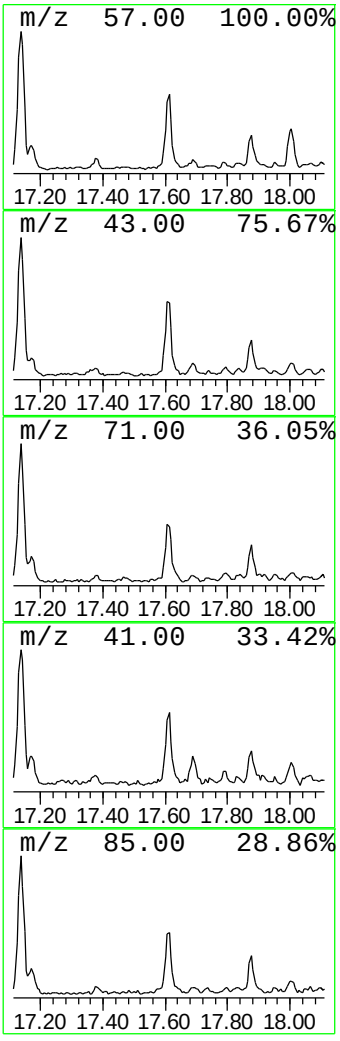
****

Peak Number 7 Octadecane, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.61	5.63 ng	140653	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 2-methyl-	268	C19H40	001560-88-9	87
2	Tetradecane, 6,9-dimethyl-	226	C16H34	055045-13-1	81
3	Pentadecane, 6-methyl-	226	C16H34	010105-38-1	81
4	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	80
5	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010719\
Data File : BG038973.D
Acq On : 7 Jan 2019 19:12
Operator : JU/SJ
Sample : K1036-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 13-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.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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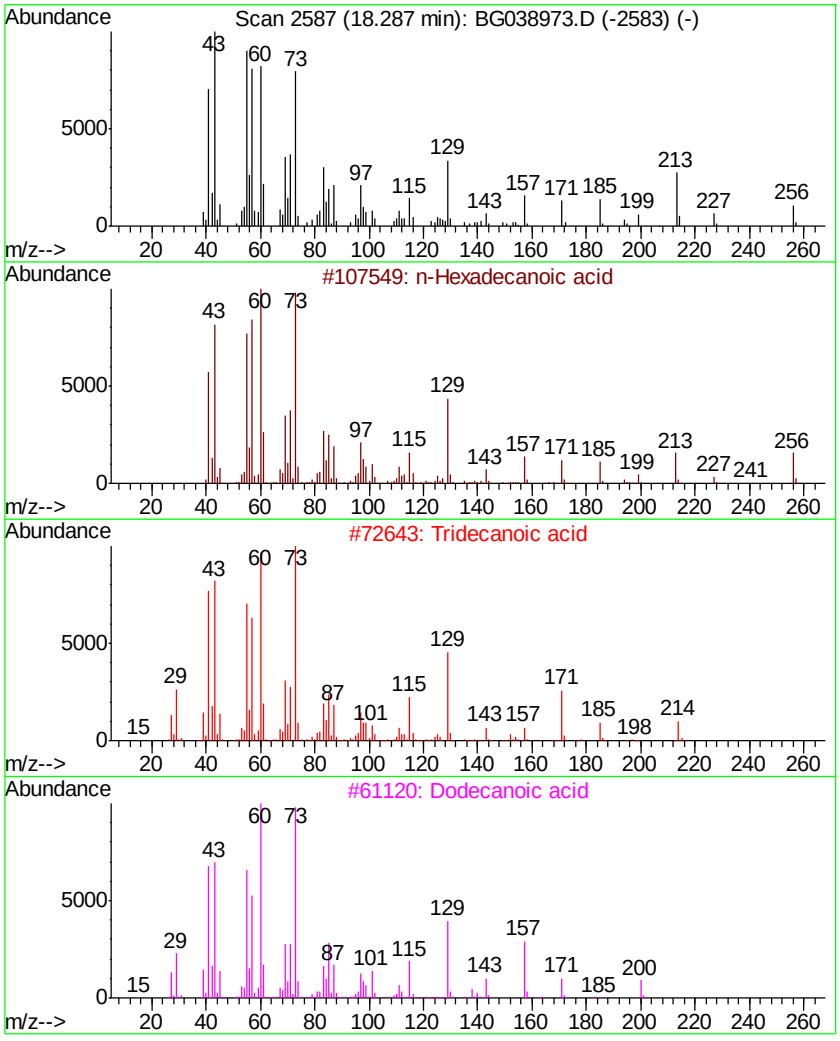
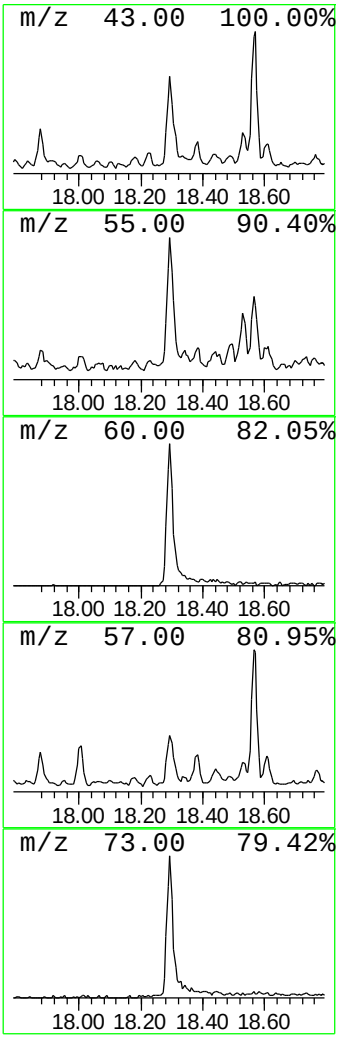
Peak Number 8 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.29	10.86 ng	271245	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Dodecanoic acid	200	C12H24O2	000143-07-7	70
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	59
5	Undecanoic acid	186	C11H22O2	000112-37-8	55





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010719\
Data File : BG038973.D
Acq On : 7 Jan 2019 19:12
Operator : JU/SJ
Sample : K1036-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 13-E

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

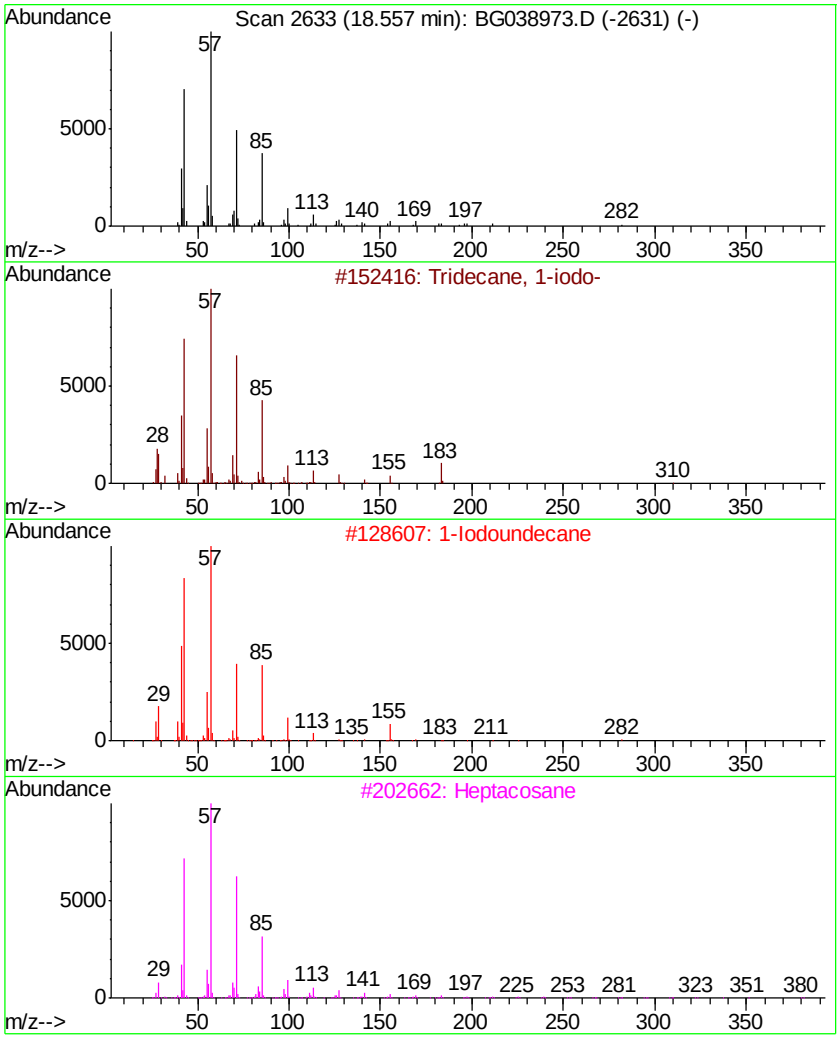
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

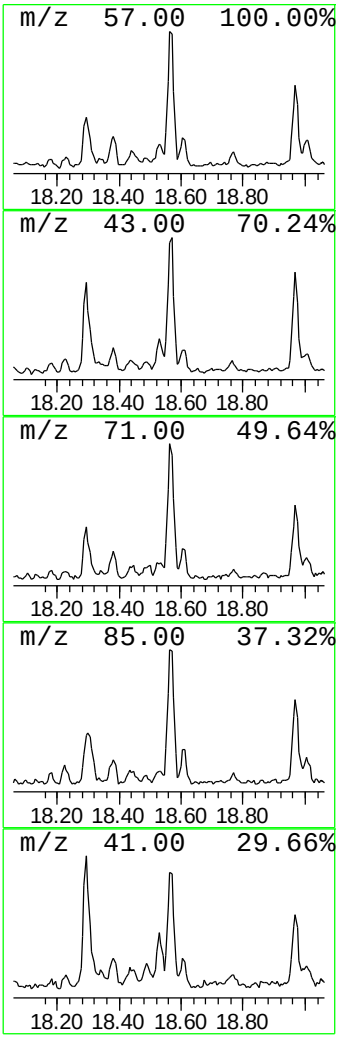
****

Peak Number 9 Tridecane, 1-iodo- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.56	8.80 ng	219853	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
2	1-Iodoundecane	282	C11H23I	004282-44-4	87
3	Heptacosane	380	C27H56	000593-49-7	87
4	Tetracosane	338	C24H50	000646-31-1	86
5	Hexadecane	226	C16H34	000544-76-3	86





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Acq On : 7 Jan 2019 19:12
Operator : JU/SJ
Sample : K1036-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 13-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.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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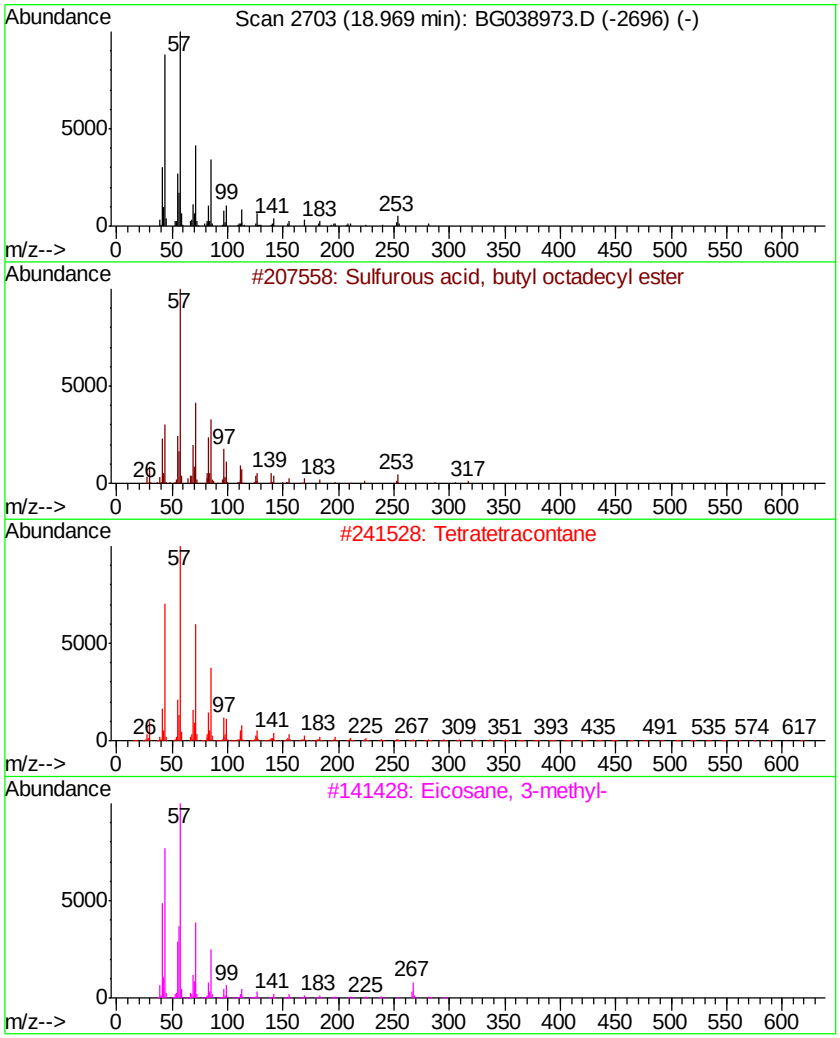
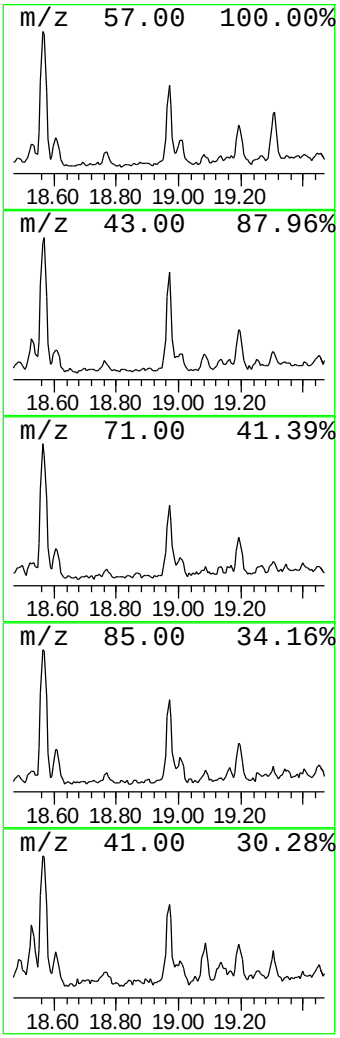
Peak Number 10 Sulfurous acid, butyl octad... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.97	5.75 ng	143638	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, butyl octadecyl ...	390	C22H46O3S	1000309-18-5	86
2	Tetratetracontane	619	C44H90	007098-22-8	83
3	Eicosane, 3-methyl-	296	C21H44	006418-46-8	80
4	Pentadecane, 2-methyl-	226	C16H34	001560-93-6	80
5	Heptadecane, 4-propyl-	282	C20H42	055044-10-5	72





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Sample : K1036-05
Misc :
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Instrument : BNA_G
ClientSampleId : 13-E

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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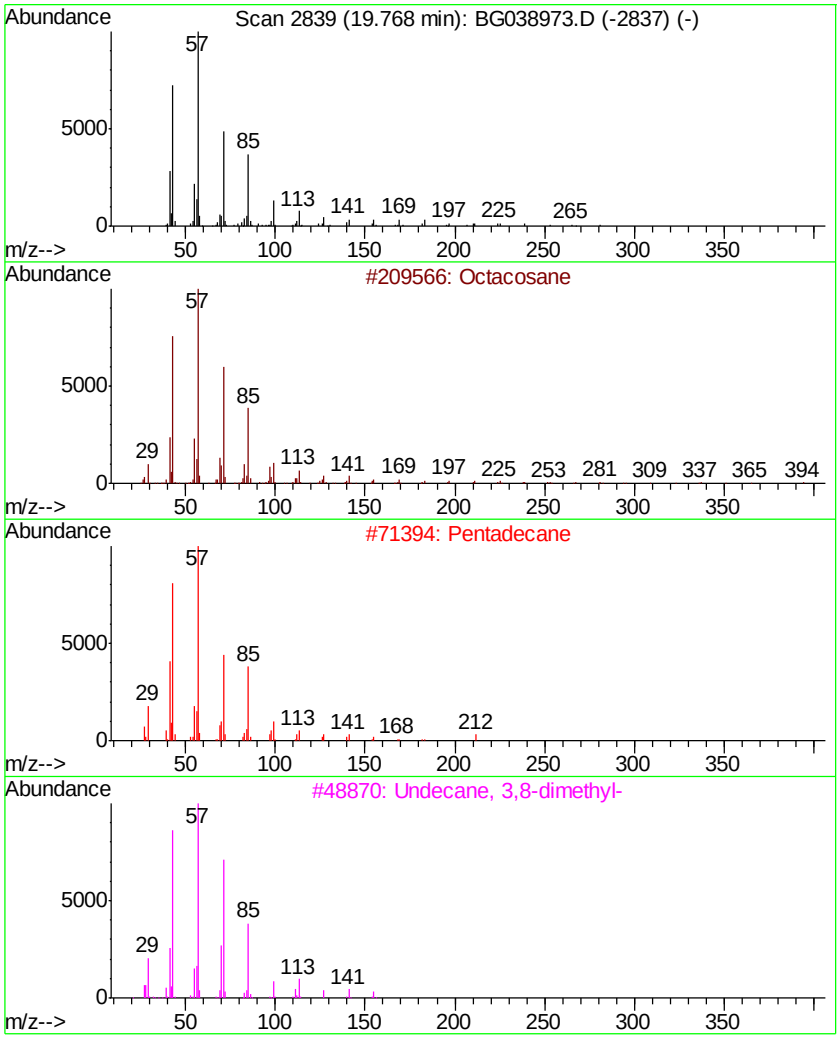
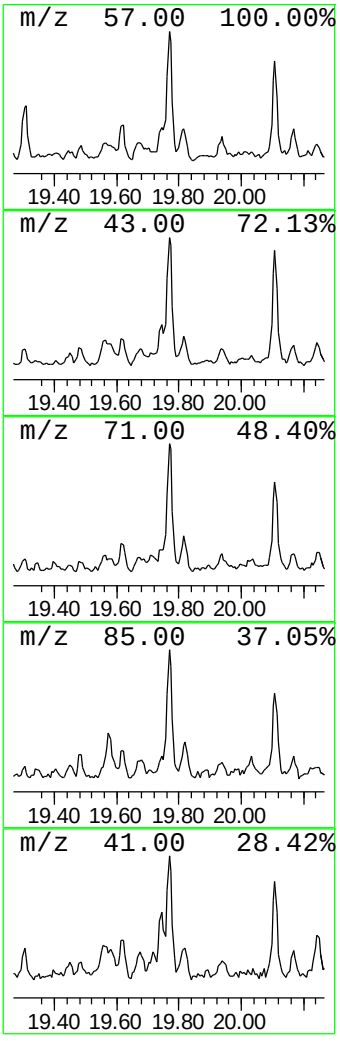
Peak Number 11 Octacosane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.77	5.52 ng	170417	Chrysene-d12	21.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	90
2	Pentadecane	212	C15H32	000629-62-9	86
3	Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	86
4	Heptadecane	240	C17H36	000629-78-7	83
5	Octadecane	254	C18H38	000593-45-3	80





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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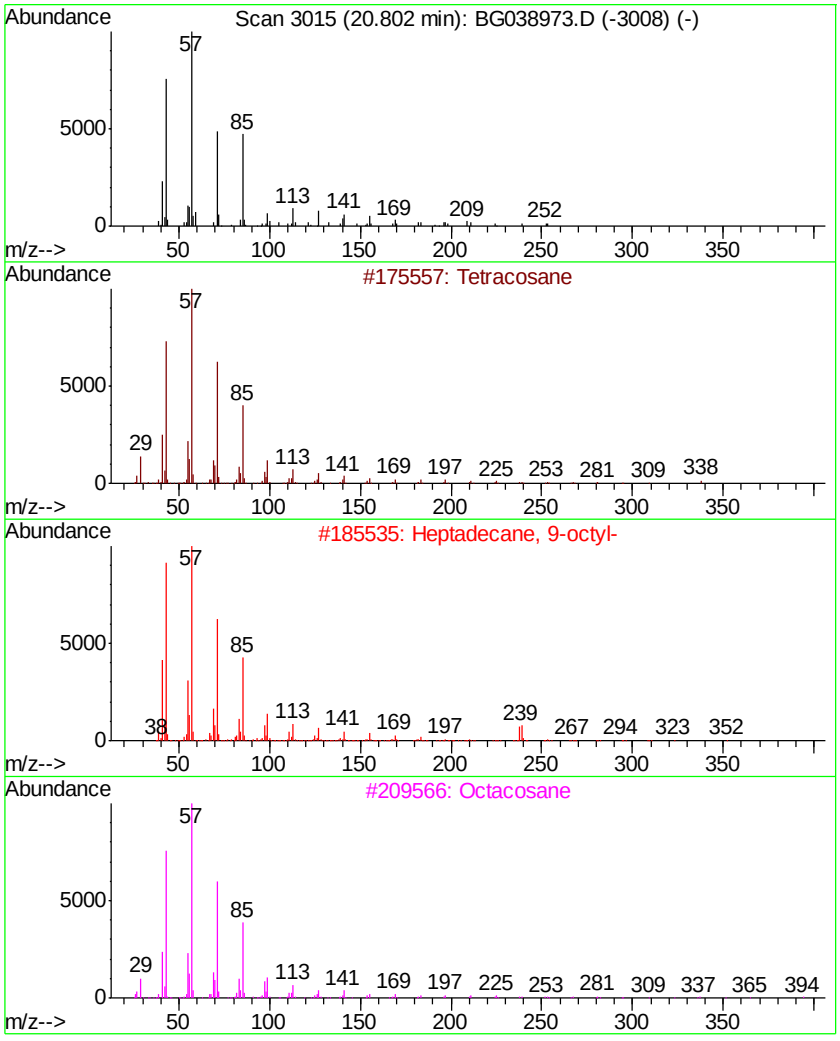
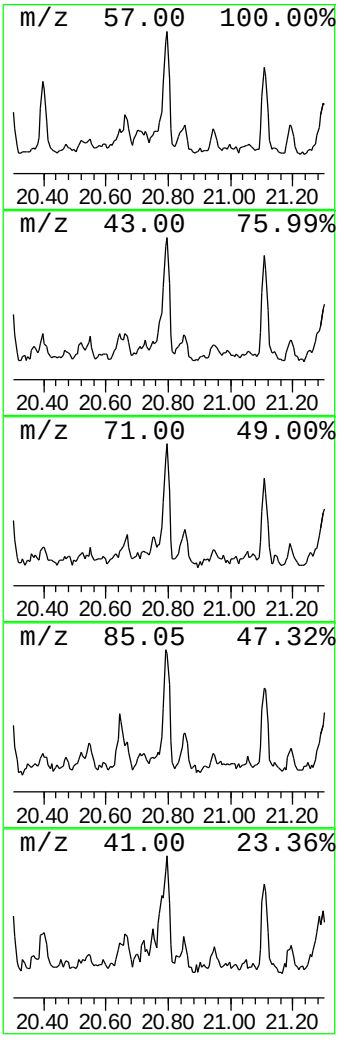
Peak Number 12 Tetracosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.80	7.24 ng	223686	Chrysene-d12	21.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	91
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
3	Octacosane	394	C28H58	000630-02-4	90
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	86
5	Heneicosane	296	C21H44	000629-94-7	86





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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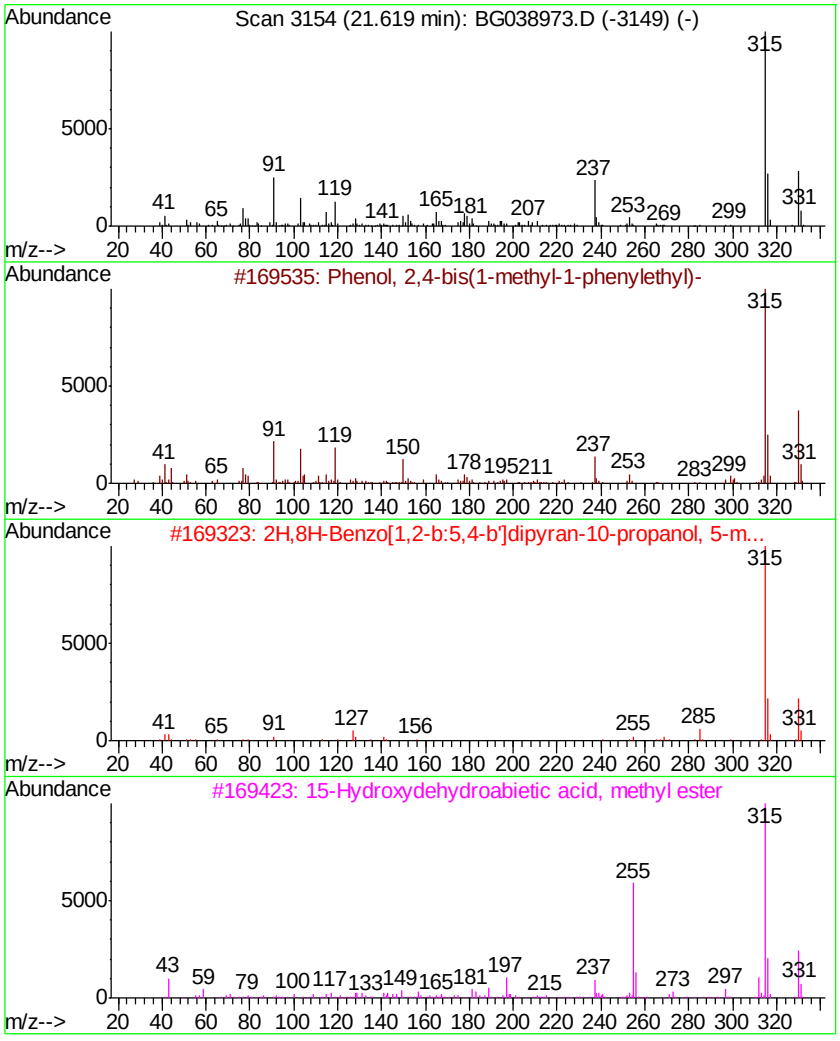
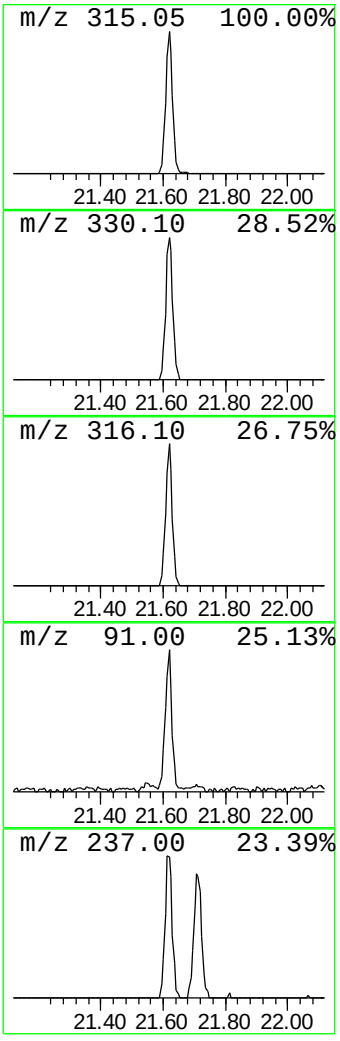
Peak Number 13 Phenol, 2,4-bis(1-methyl-1-... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.62	8.02 ng	247660	Chrysene-d12	21.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,4-bis(1-methyl-1-phenyl...	330	C24H26O	002772-45-4	87
2	2H,8H-Benzo[1,2-b:5,4-b']dipyran...	330	C20H26O4	026535-37-5	58
3	15-Hydroxydehydroabietic acid, m...	330	C21H30O3	029461-23-2	58
4	1H-Dicyclooct[e,g]isoindole-1,3(...	315	C20H29NO2	051624-47-6	50
5	Acridin-9-yl-(4-nitro-phenyl)-amine	315	C19H13N3O2	1000317-46-5	43





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Instrument : BNA_G
ClientSampleId : 13-E

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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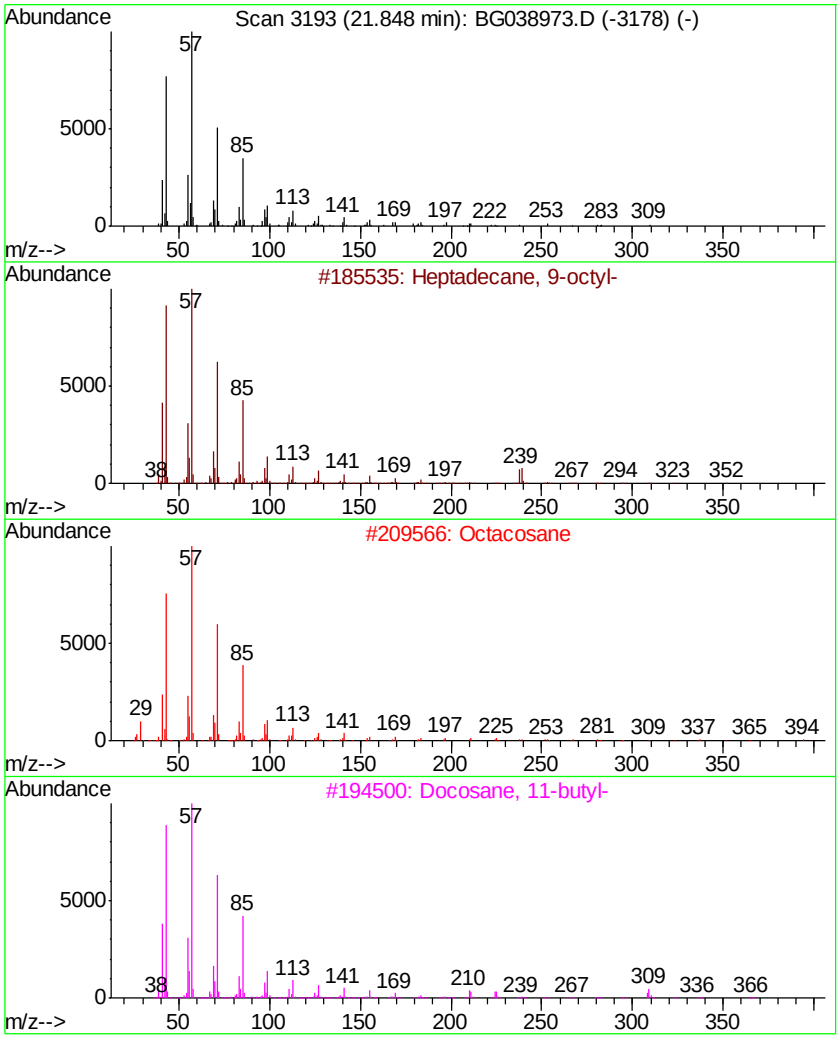
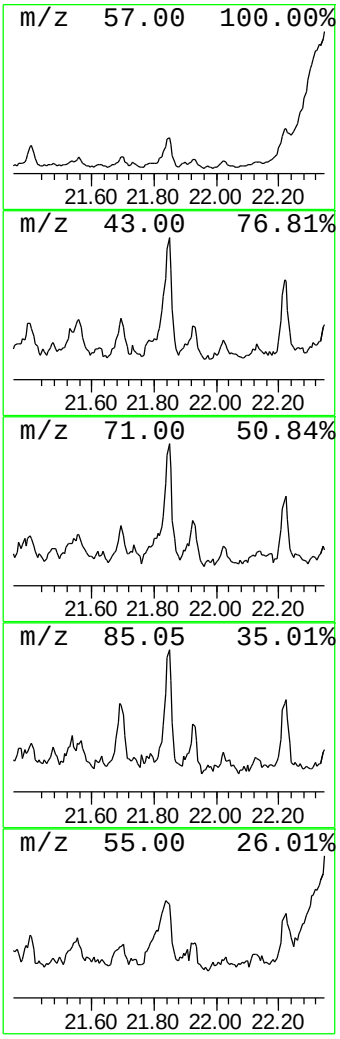
Peak Number 14 Heptadecane, 9-octyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.85	8.81 ng	272303	Chrysene-d12	21.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
2	Octacosane	394	C28H58	000630-02-4	91
3	Docosane, 11-butyl-	366	C26H54	013475-76-8	91
4	Hentriacontane	437	C31H64	000630-04-6	91
5	Hexacosane	366	C26H54	000630-01-3	91





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Misc :
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Instrument : BNA_G
ClientSampleId : 13-E

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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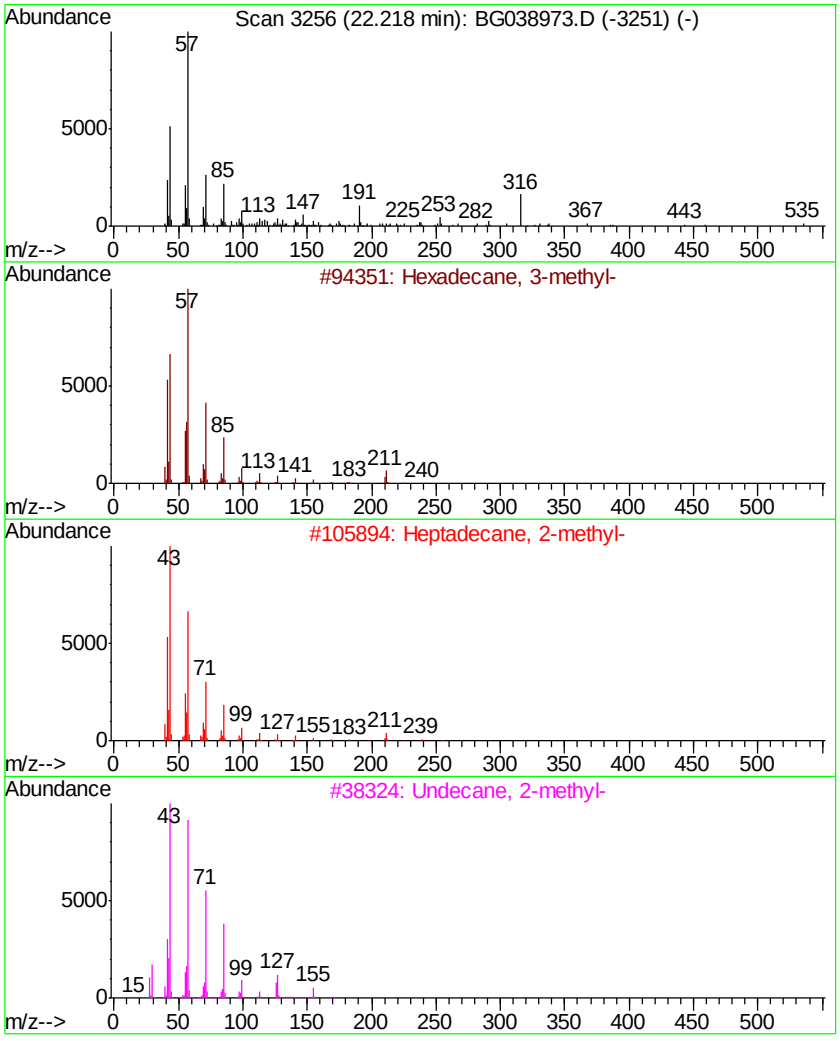
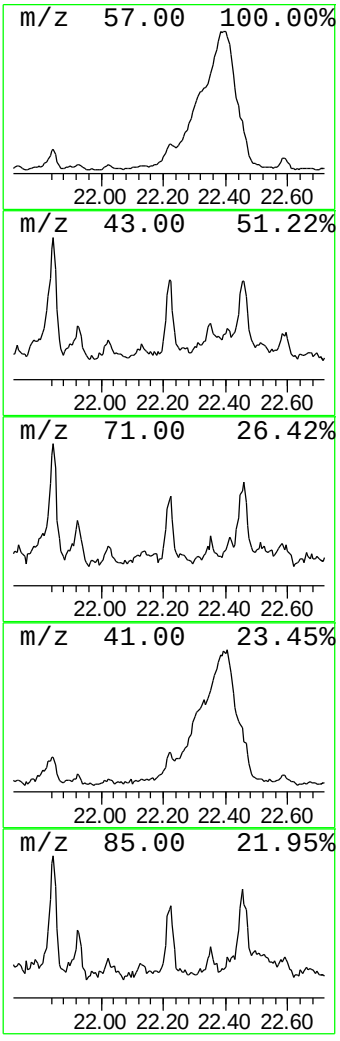
Peak Number 15 unknown22.22 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.22	6.82 ng	210536	Chrysene-d12	21.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	43
2	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	38
3	Undecane, 2-methyl-	170	C12H26	007045-71-8	38
4	Octacosane	394	C28H58	000630-02-4	35
5	1-Iodoundecane	282	C11H23I	004282-44-4	35





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Misc :
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Instrument : BNA_G
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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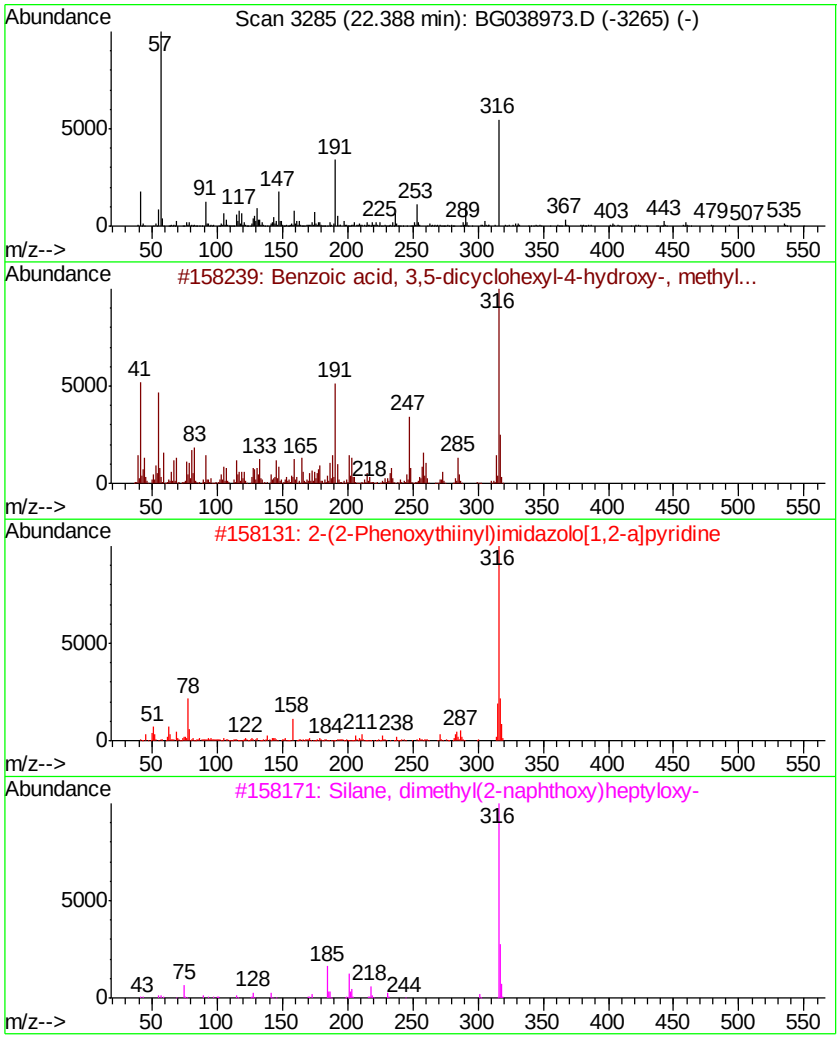
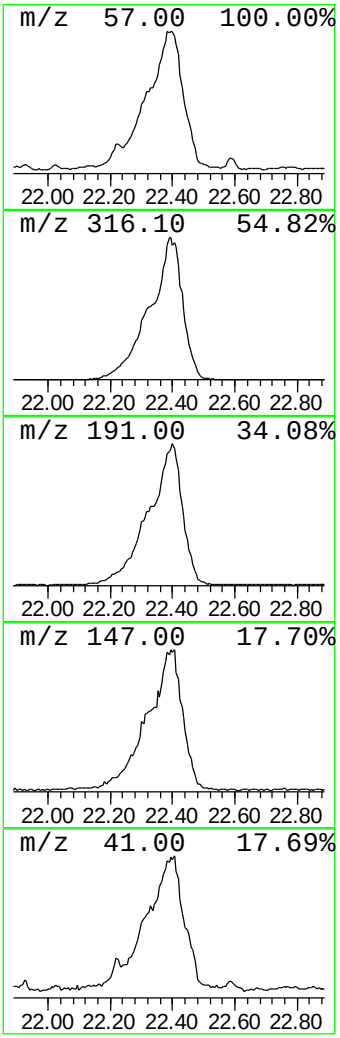
Peak Number 16 unknown22.39 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.39	180.34 ng	5571060	Chrysene-d12	21.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 3,5-dicyclohexyl-4...	316	C20H28O3	055125-23-0	28
2	2-(2-Phenoxythiinyl)imidazolo[1,...	316	C19H12N2OS	109534-27-2	16
3	Silane, dimethyl(2-naphthoxy)hep...	316	C19H28O2Si	1000347-21-5	16
4	Imidazo[1,2-b][1,2,4-triazine, 6-...	316	C19H16N4O	094103-49-8	9
5	3-(2-Ethyl-piperidin-1-ylmethyl)...	345	C22H35NO2	1000300-75-1	9





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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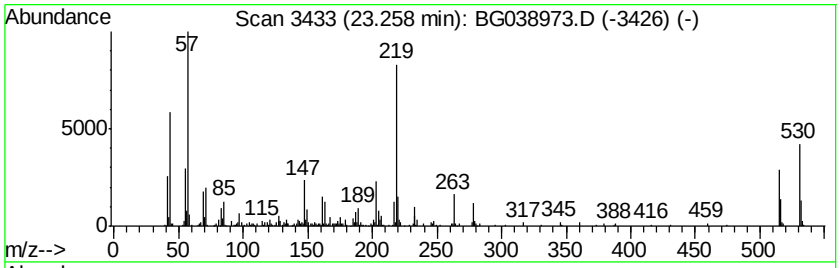
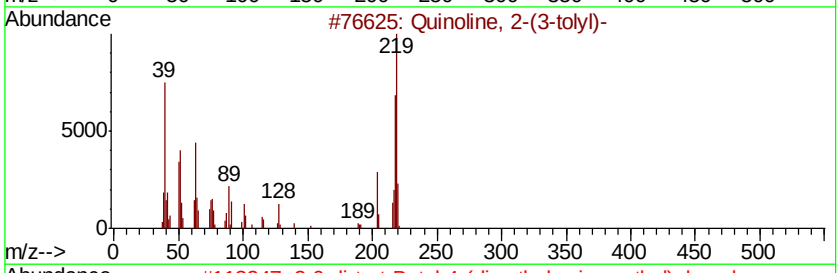
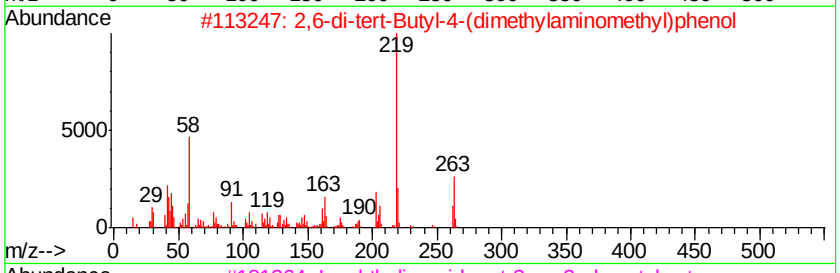
Peak Number 18 Quinoline, 2-(3-tolyl)- Concentration Rank 3

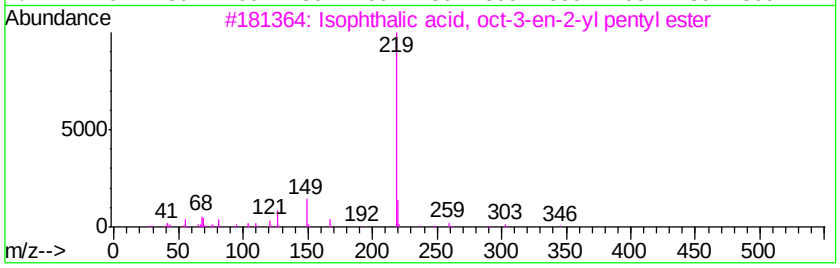
R.T.	EstConc	Area	Relative to ISTD	R.T.
23.26	54.33 ng	1678190	Chrysene-d12	21.71

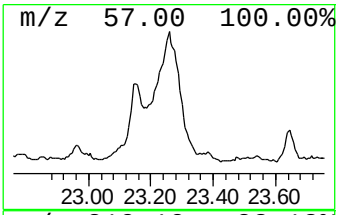
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Quinoline, 2-(3-tolyl)-	219	C16H13N	024641-30-3	80
2	2,6-di-tert-Butyl-4-(dimethylami...	263	C17H29NO	000088-27-7	38
3	Isophthalic acid, oct-3-en-2-yl ...	346	C21H30O4	1000343-89-3	38
4	N-(2,6-Dimethyl-phenyl)-2-(4-nit...	367	C21H25N3O3	1000294-55-6	27
5	Propanoic acid, 2-(1,3-dioxo-2,3...	249	C12H11NO5	1000196-70-9	27

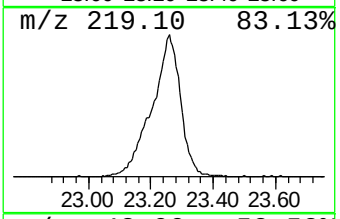


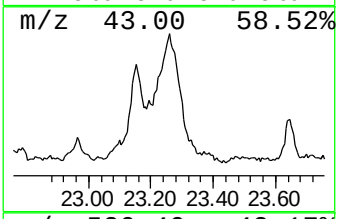


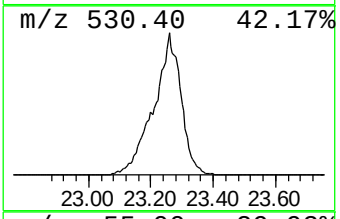


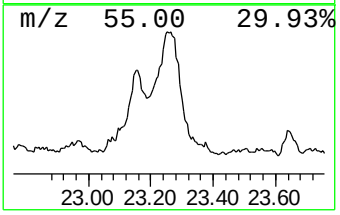












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Acq On : 7 Jan 2019 19:12
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Sample : K1036-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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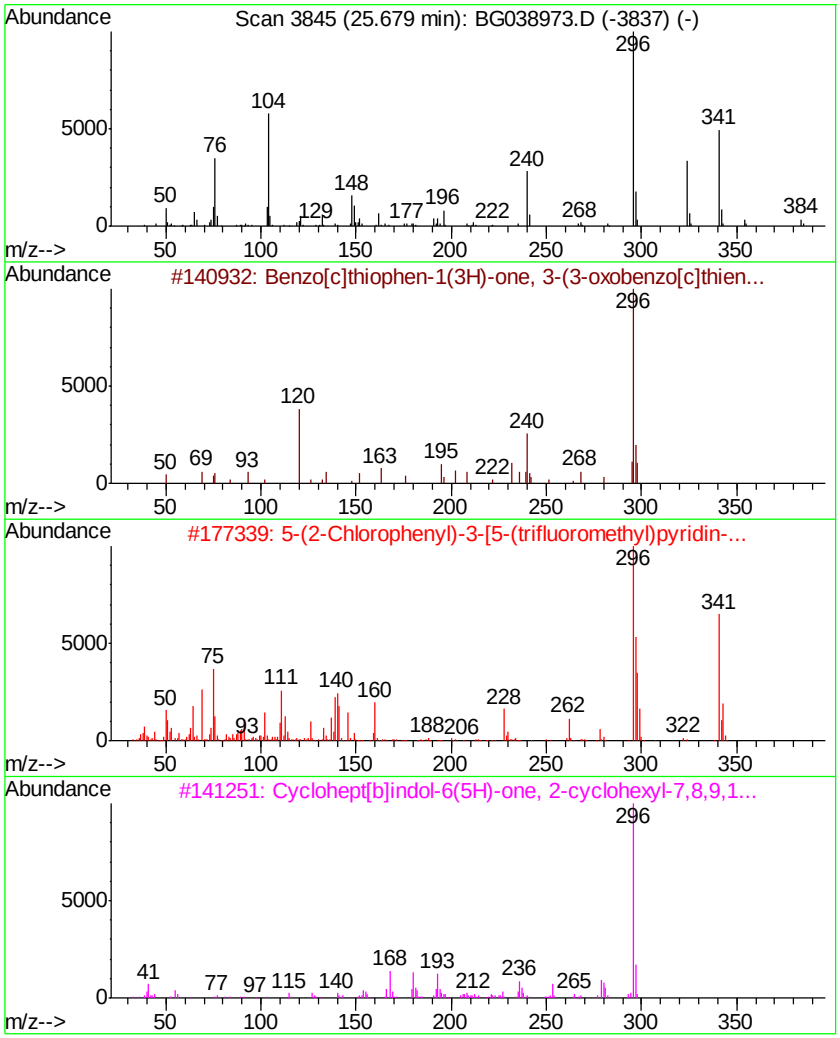
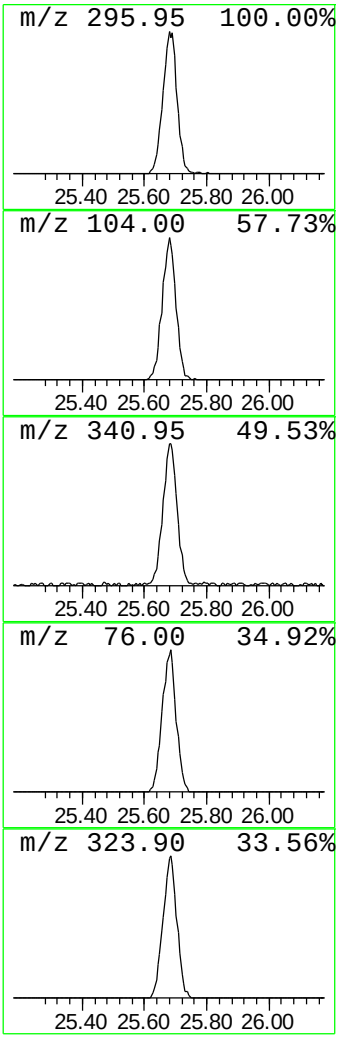
Peak Number 19 unknown25.68 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.68	18.66 ng	433773	Perylene-d12	25.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]thiophen-1(3H)-one, 3-(3...	296	C16H8O2S2	023667-32-5	35
2	5-(2-Chlorophenyl)-3-[5-(trifluo...	341	C14H7ClF3N3O2	287979-09-3	23
3	Cyclohept[b]indol-6(5H)-one, 2-c...	296	C19H24N2O	339284-86-5	22
4	4-(2-Benzofuranyl)-2-chloro-6-(2...	296	C16H9ClN2O2	131022-75-8	22
5	N-butyl-2,2,3,3,4,4,4-heptafluor...	387	C17H20F7NO	1000365-85-0	22





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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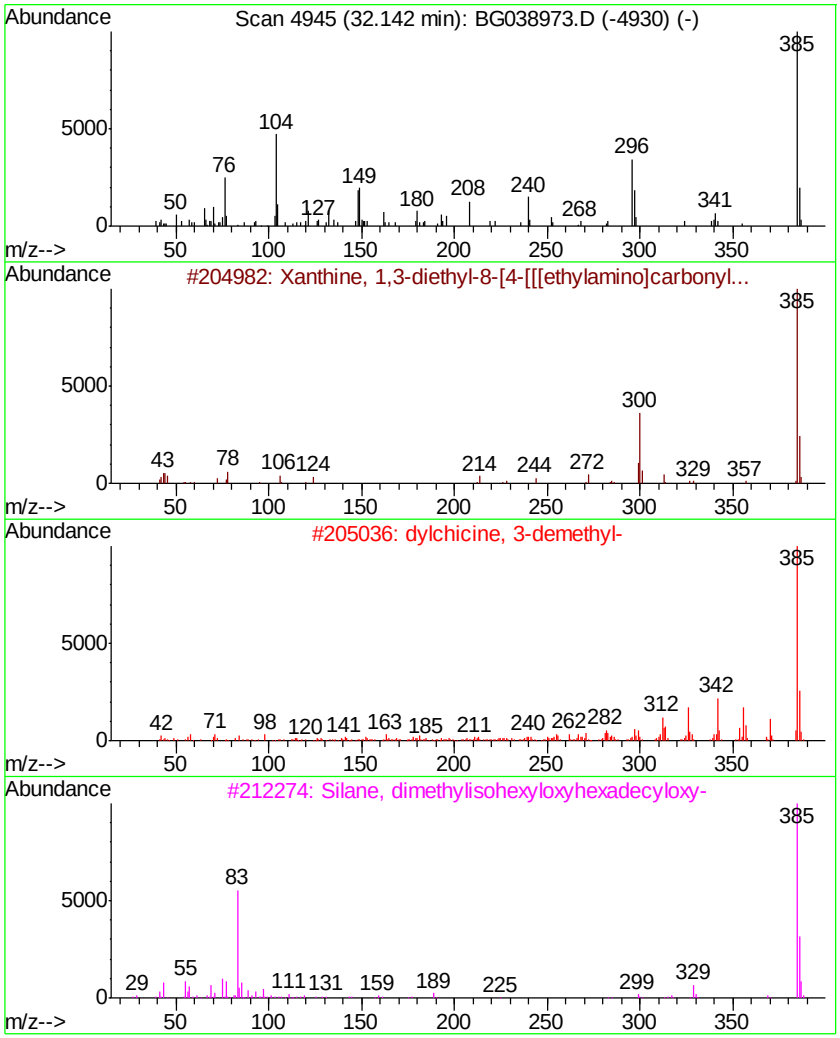
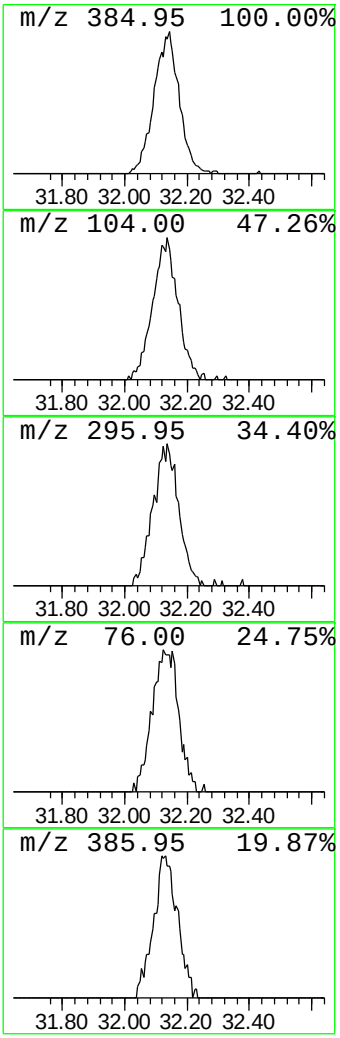
Peak Number 20 unknown32.14 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
32.14	12.52 ng	290995	Perylene-d12	25.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Xanthine, 1,3-diethyl-8-[4-[[[et...	385	C19H23N5O4	104576-48-9	22
2	dylchicine, 3-demethyl-	385	C21H23NO6	007336-34-7	16
3	Silane, dimethylisohexyloxyhexad...	400	C24H52O2Si	1000346-94-5	10
4	Silane, dimethylisobutoxyoctadec...	400	C24H52O2Si	1000346-77-7	10
5	2,3-Dibenzyl-5,8-dimethoxy-6-ami...	385	C24H23N3O2	056393-28-3	10





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG010719\
Data File : BG038973.D
Acq On : 7 Jan 2019 19:12
Operator : JU/SJ
Sample : K1036-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 13-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.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
unknown7.58	7.58	65.0	ng	679398	1	8.05	208999	20.0
Dodecane	10.78	6.7	ng	101199	2	10.86	301057	20.0
Phenol, 2,6-bis(1...	15.15	19.9	ng	574726	3	14.69	577389	20.0
Hexadecane	15.48	7.4	ng	214918	3	14.69	577389	20.0
Heneicosane	17.14	9.9	ng	248323	4	17.43	499710	20.0
Octadecane, 2-met...	17.61	5.6	ng	140653	4	17.43	499710	20.0
n-Hexadecanoic acid	18.29	10.9	ng	271245	4	17.43	499710	20.0
Tridecane, 1-iodo-	18.56	8.8	ng	219853	4	17.43	499710	20.0
Sulfurous acid, b...	18.97	5.8	ng	143638	4	17.43	499710	20.0
Octacosane	19.77	5.5	ng	170417	5	21.71	617825	20.0
Tetracosane	20.80	7.2	ng	223686	5	21.71	617825	20.0
Phenol, 2,4-bis(1...	21.62	8.0	ng	247660	5	21.71	617825	20.0
Heptadecane, 9-oc...	21.85	8.8	ng	272303	5	21.71	617825	20.0
unknown22.22	22.22	6.8	ng	210536	5	21.71	617825	20.0
unknown22.39	22.39	180.3	ng	5571060	5	21.71	617825	20.0
Quinoline, 2-(3-t...	23.26	54.3	ng	1678190	5	21.71	617825	20.0
unknown25.68	25.68	18.7	ng	433773	6	25.00	464949	20.0
unknown32.14	32.14	12.5	ng	290995	6	25.00	464949	20.0