LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041019\
Data File : BG040423.D
Acq On : 10 Apr 2019 20:21
Operator : JU/SJ
Sample : K2311-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 0239-COMP-CS-4-ELTRT

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-BG032719.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	3.191	14	17	31	rVB	43303	86679	2.15%	0.328%
2	5.605	420	428	437	rBV	617765	1025495	25.38%	3.882%
3	7.203	692	700	713	rBV	439604	786088	19.46%	2.976%
4	7.574	756	763	772	rBV	1005888	1767202	43.74%	6.690%
5	8.044	837	843	855	rBV	244206	420998	10.42%	1.594%
6	8.367	890	898	907	rBV	792104	1399064	34.63%	5.297%
7	9.225	1036	1044	1061	rBV	682721	1304022	32.28%	4.937%
8	10.858	1314	1322	1335	rBV	309271	575500	14.25%	2.179%
9	11.240	1381	1387	1396	rBV3	23115	50258	1.24%	0.190%
10	11.610	1442	1450	1452	rBV6	26133	53489	1.32%	0.202%
11	12.427	1584	1589	1594	rBV2	83059	128382	3.18%	0.486%
12	12.503	1595	1602	1608	rBV2	42575	97211	2.41%	0.368%
13	13.296	1728	1737	1748	rBV	1690735	2720640	67.34%	10.300%
14	14.125	1872	1878	1883	rBV	101825	155190	3.84%	0.588%
15	14.677	1966	1972	1979	rBV2	500242	798501	19.77%	3.023%
16	15.946	2181	2188	2194	rVB	143817	186152	4.61%	0.705%
17	16.164	2218	2225	2237	rBV	1374959	2246063	55.60%	8.503%
18	16.369	2255	2260	2265	rBV6	19577	40649	1.01%	0.154%
19	16.422	2265	2269	2275	rVB3	26299	43088	1.07%	0.163%
20	17.421	2433	2439	2445	rBV2	632071	1000834	24.77%	3.789%
21	17.474	2445	2448	2456	rVB7	31904	59614	1.48%	0.226%
22	17.697	2481	2486	2489	rBV2	40863	65116	1.61%	0.247%
23	17.738	2489	2493	2498	rVV	168493	246310	6.10%	0.932%
24	18.285	2581	2586	2600	rBV	207450	391180	9.68%	1.481%
25	19.131	2726	2730	2735	rVB8	29787	41783	1.03%	0.158%
26	19.548	2796	2801	2814	rBV2	90660	182481	4.52%	0.691%
27	19.706	2824	2828	2834	rVB8	24242	45455	1.13%	0.172%
28	19.789	2834	2842	2846	rBV2	68188	132659	3.28%	0.502%
29	19.842	2846	2851	2857	rVV	79161	138864	3.44%	0.526%
30	20.024	2876	2882	2893	rVB	2980427	4039890	100.00%	15.294%
31	20.506	2960	2964	2969	rVB	47028	68017	1.68%	0.257%
32	20.788	3007	3012	3016	rBV2	61417	85304	2.11%	0.323%
33	20.858	3020	3024	3033	rVB6	41429	64300	1.59%	0.243%
34	21.293	3093	3098	3107	rBV2	141191	257839	6.38%	0.976%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041019\
Data File : BG040423.D
Acq On : 10 Apr 2019 20:21
Operator : JU/SJ
Sample : K2311-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 0239-COMP-CS-4-ELTRT

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-BG032719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	21.540	3137	3140	3146	rVB	32190	47458	1.17%	0.180%
36	21.692	3159	3166	3177	rBV2	653592	1124342	27.83%	4.257%
37	21.833	3186	3190	3198	rVB	173143	237087	5.87%	0.898%
38	22.444	3288	3294	3300	rBV	249545	382959	9.48%	1.450%
39	23.138	3405	3412	3419	rBV	304058	561102	13.89%	2.124%
40	23.943	3542	3549	3559	rVB	290690	631759	15.64%	2.392%
41	24.900	3702	3712	3717	rBV2	251468	662251	16.39%	2.507%
42	24.971	3717	3724	3738	rVB3	360989	1097531	27.17%	4.155%
43	26.034	3897	3905	3919	rVB3	178548	528176	13.07%	2.000%
44	27.403	4128	4138	4151	rVB4	94551	324852	8.04%	1.230%
45	29.054	4410	4419	4434	rVB10	27331	112664	2.79%	0.427%

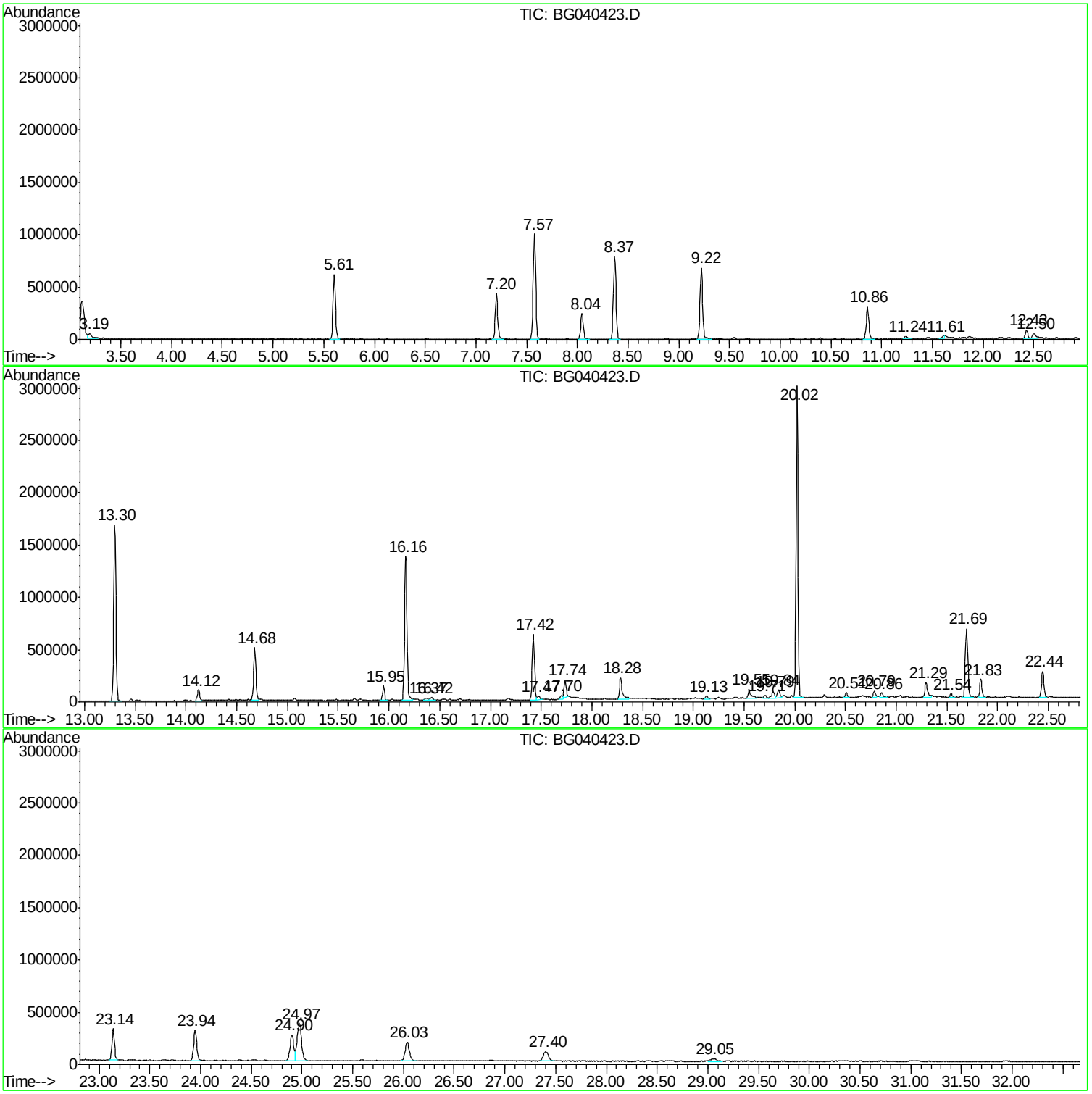
Sum of corrected areas: 26414498

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041019\
Data File : BG040423.D
Acq On : 10 Apr 2019 20:21
Operator : JU/SJ
Sample : K2311-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
0239-COMP-CS-4-ELTRT

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.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\BG041019\
Data File : BG040423.D
Acq On : 10 Apr 2019 20:21
Operator : JU/SJ
Sample : K2311-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 0239-COMP-CS-4-ELTRT

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

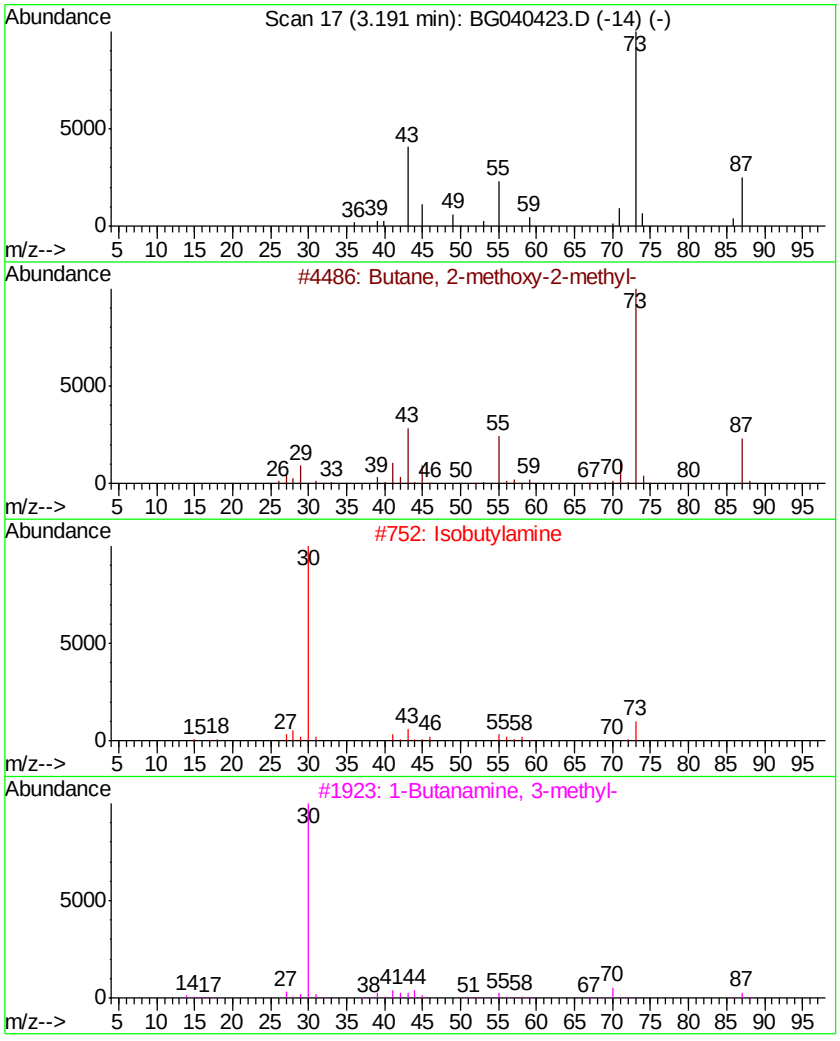
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

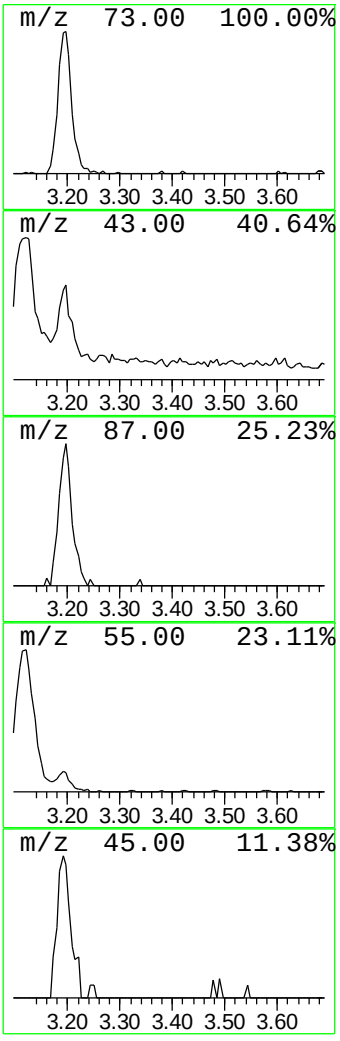
****

Peak Number 1 unknown3.19 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.19	4.12 ng	86679	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	9
2	Isobutylamine	73	C4H11N	000078-81-9	5
3	1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	5
4	1-Propene-1-thiol	74	C3H6S	000925-89-3	5
5	N-Ethylformamide	73	C3H7NO	000627-45-2	4





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041019\
Data File : BG040423.D
Acq On : 10 Apr 2019 20:21
Operator : JU/SJ
Sample : K2311-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 0239-COMP-CS-4-ELTRT

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

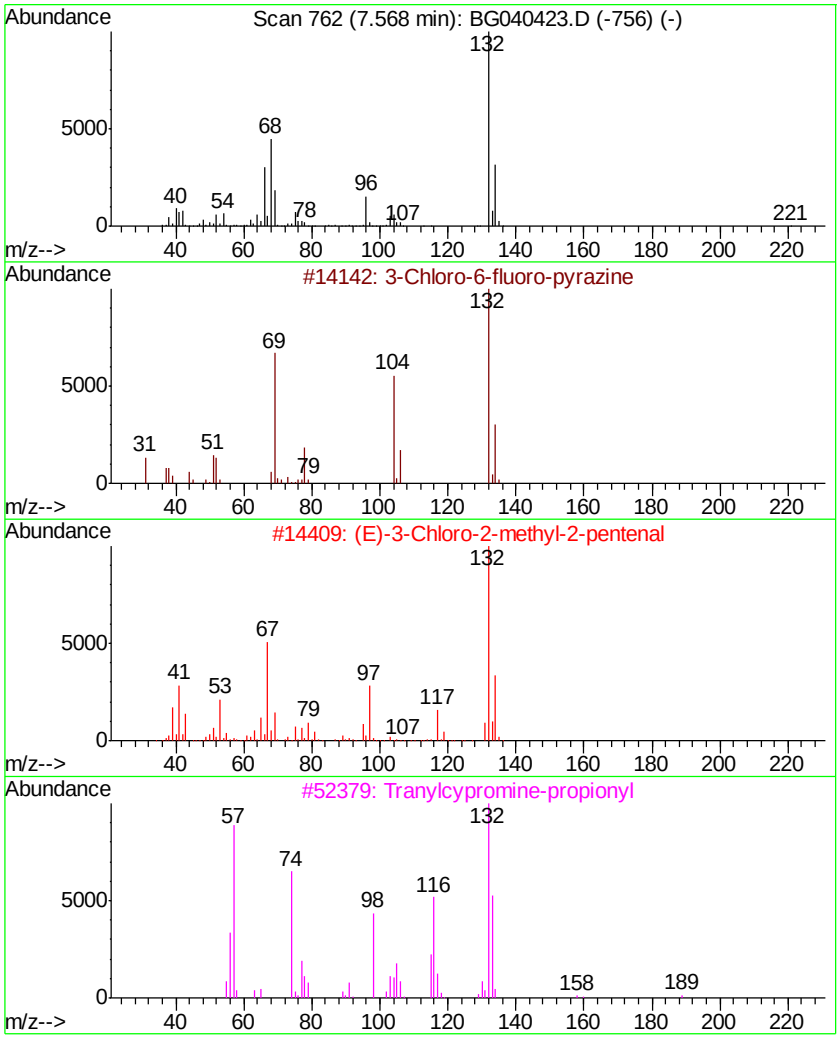
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

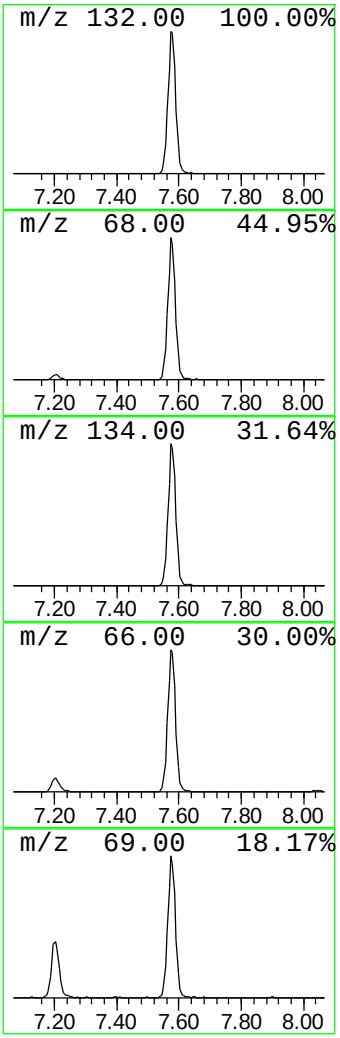
****

Peak Number 2 unknown7.57 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.57	83.95 ng	1767200	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041019\
Data File : BG040423.D
Acq On : 10 Apr 2019 20:21
Operator : JU/SJ
Sample : K2311-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 0239-COMP-CS-4-ELTRT

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.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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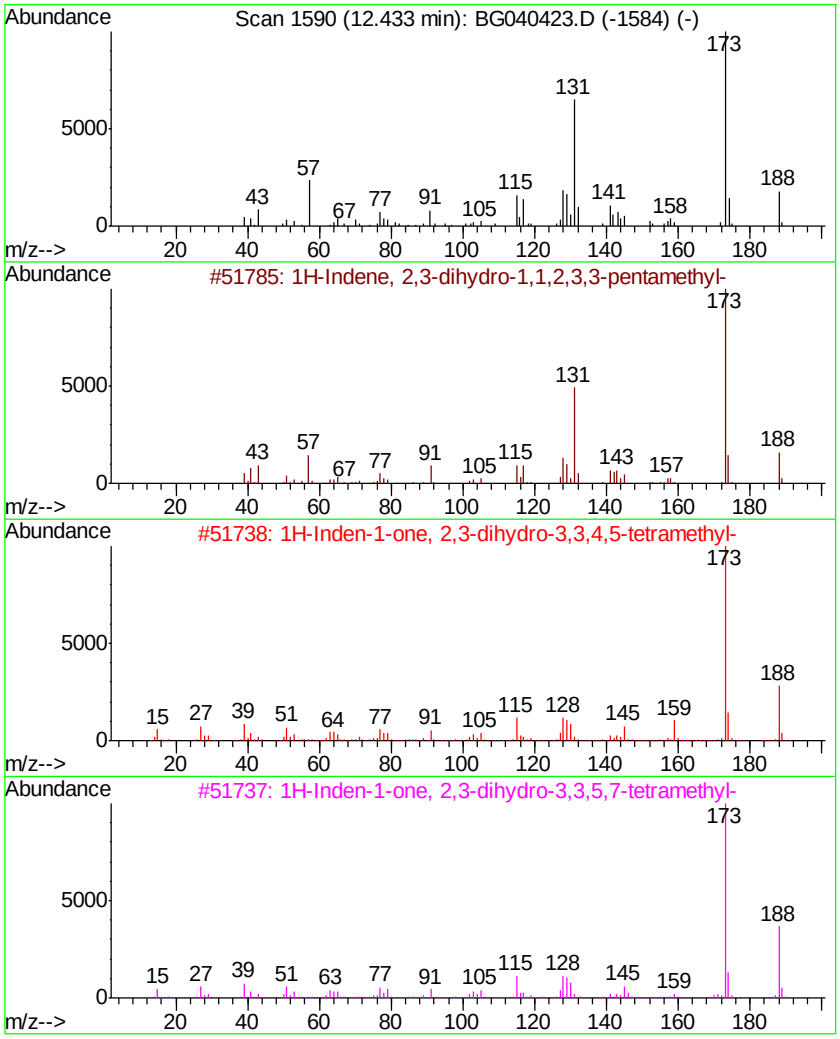
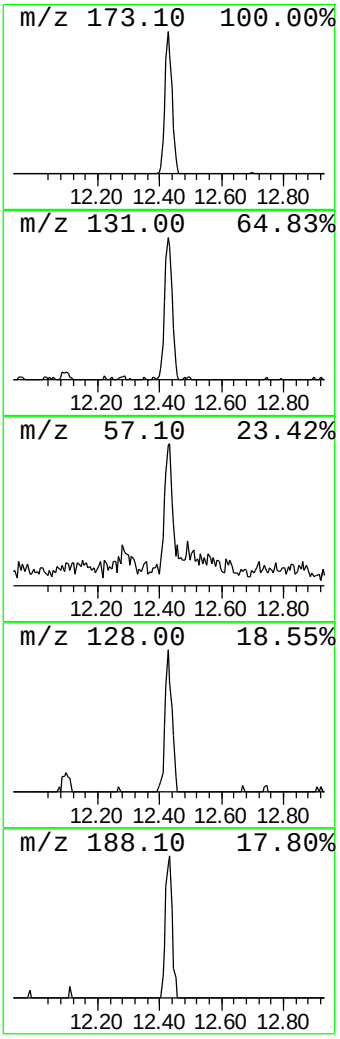
Peak Number 4 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	4.46 ng	128382	Naphthalene-d8	10.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1,2,3,3...	188	C14H20	001203-17-4	93
2	1H-Inden-1-one, 2,3-dihydro-3,3,...	188	C13H16O	056298-98-7	53
3	1H-Inden-1-one, 2,3-dihydro-3,3,...	188	C13H16O	054789-23-0	52
4	1,1,4,5,6-pentamethyl-2,3-dihydr...	188	C14H20	1000374-13-8	49
5	Naphthalene, 6-(1,1-dimethylethy...	188	C14H20	042044-26-8	47





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041019\
Data File : BG040423.D
Acq On : 10 Apr 2019 20:21
Operator : JU/SJ
Sample : K2311-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 0239-COMP-CS-4-ELTRT

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.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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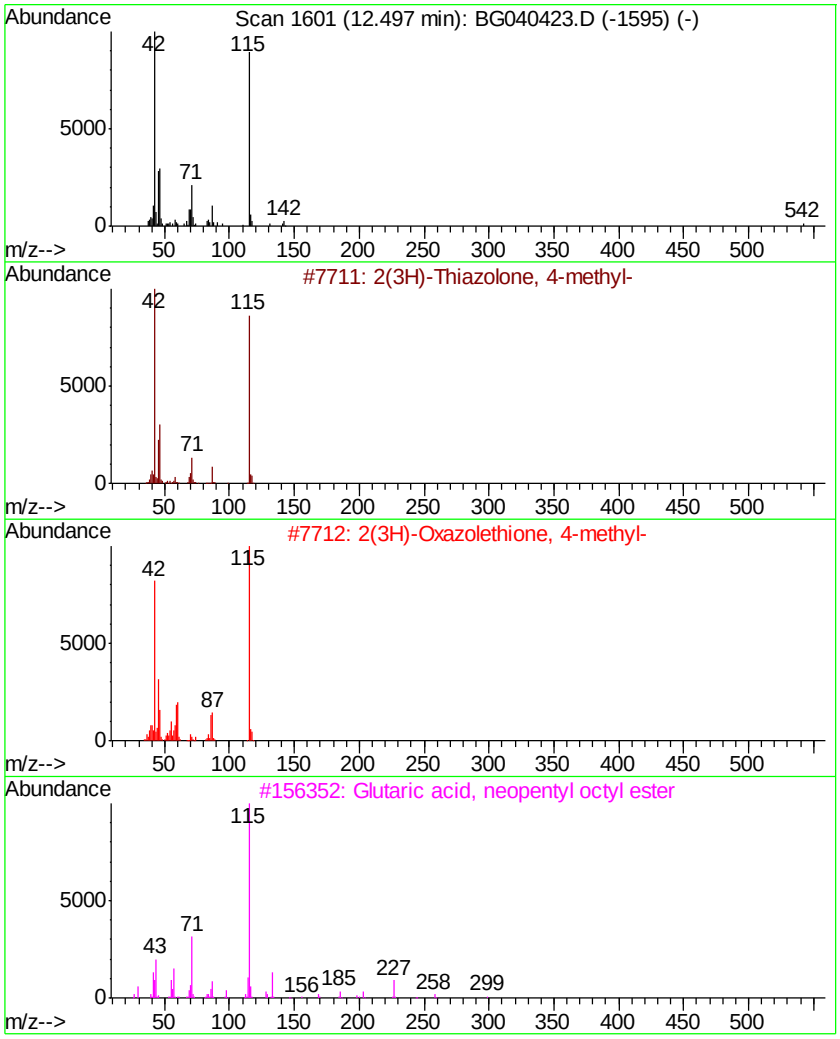
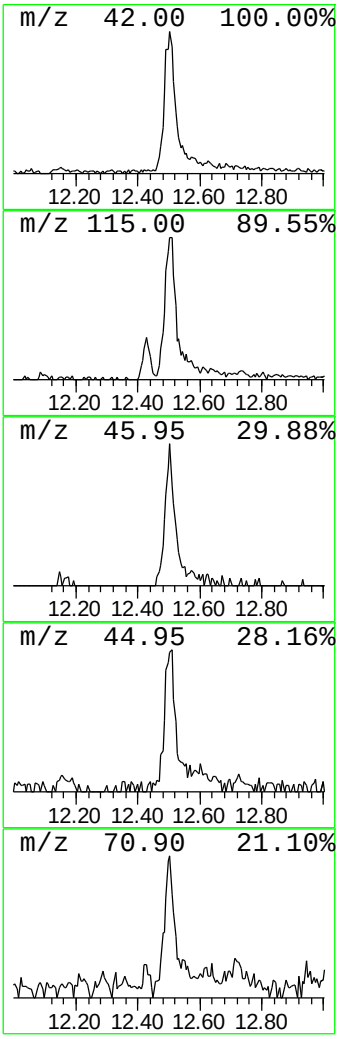
Peak Number 5 2(3H)-Thiazolone, 4-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	3.38 ng	97211	Naphthalene-d8	10.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(3H)-Thiazolone, 4-methyl-	115	C4H5NOS	032497-10-2	91
2	2(3H)-Oxazolethione, 4-methyl-	115	C4H5NOS	013016-17-6	38
3	Glutaric acid, neopentyl octyl e...	314	C18H34O4	1000358-34-6	35
4	Glutaric acid, 3-methylbutyl non...	328	C19H36O4	1000359-36-5	35
5	Glutaric acid, 3-methylbutyl und...	356	C21H40O4	1000359-36-7	35





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041019\
Data File : BG040423.D
Acq On : 10 Apr 2019 20:21
Operator : JU/SJ
Sample : K2311-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 0239-COMP-CS-4-ELTRT

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.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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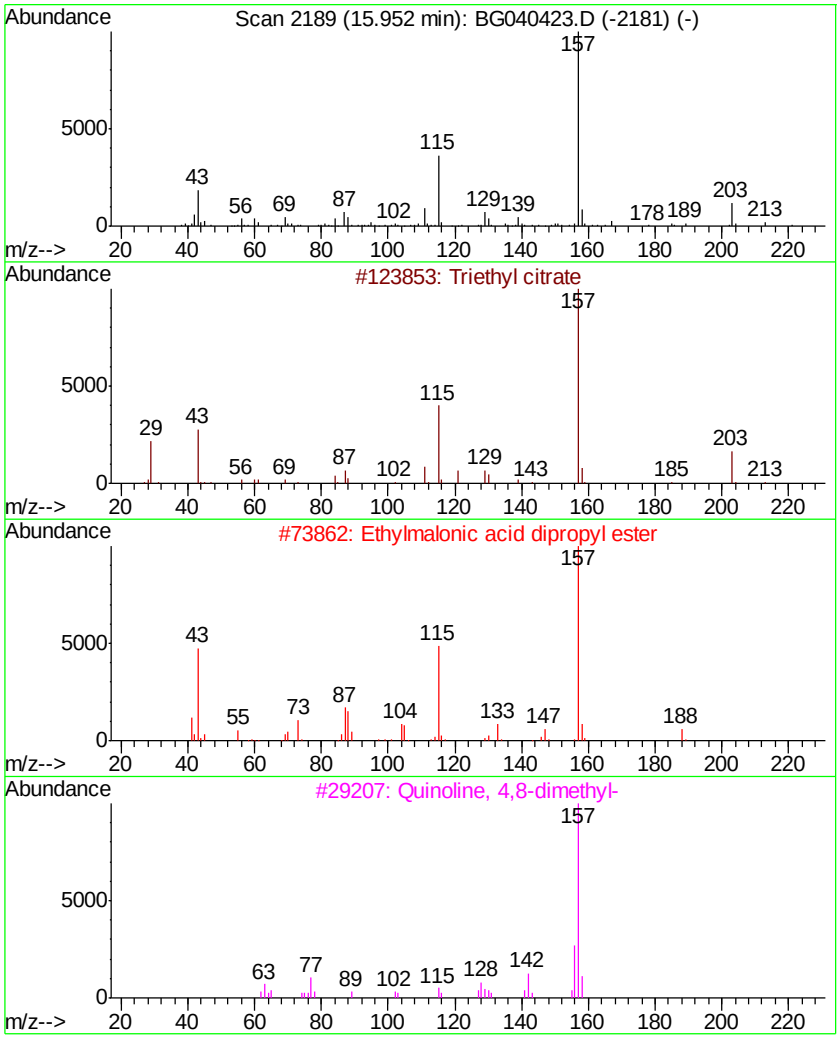
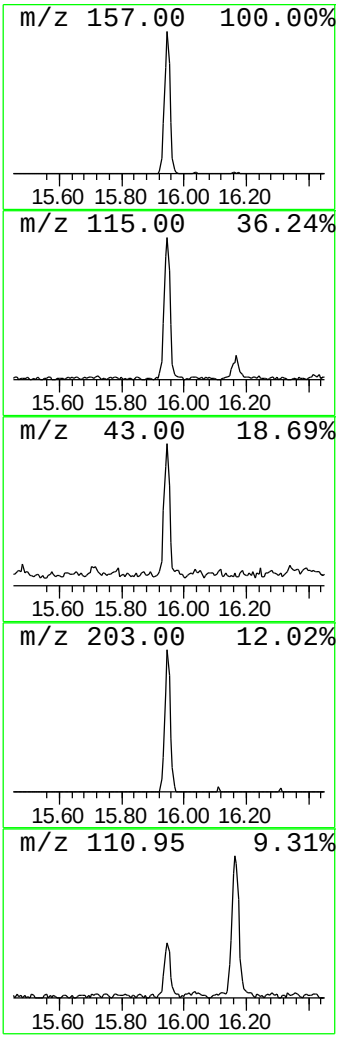
Peak Number 6 Triethyl citrate Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.95	4.66 ng	186152	Acenaphthene-d10	14.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triethyl citrate	276	C12H20O7	000077-93-0	90
2	Ethylmalonic acid dipropyl ester	216	C11H20O4	001113-91-3	72
3	Quinoline, 4,8-dimethyl-	157	C11H11N	013362-80-6	52
4	1,4-Dioxaspiro[4.4]nonane, 7,8-b...	188	C9H16O4	1000155-54-9	36
5	Quinoline, 2,4-dimethyl-	157	C11H11N	001198-37-4	36





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041019\
Data File : BG040423.D
Acq On : 10 Apr 2019 20:21
Operator : JU/SJ
Sample : K2311-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 0239-COMP-CS-4-ELTRT

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.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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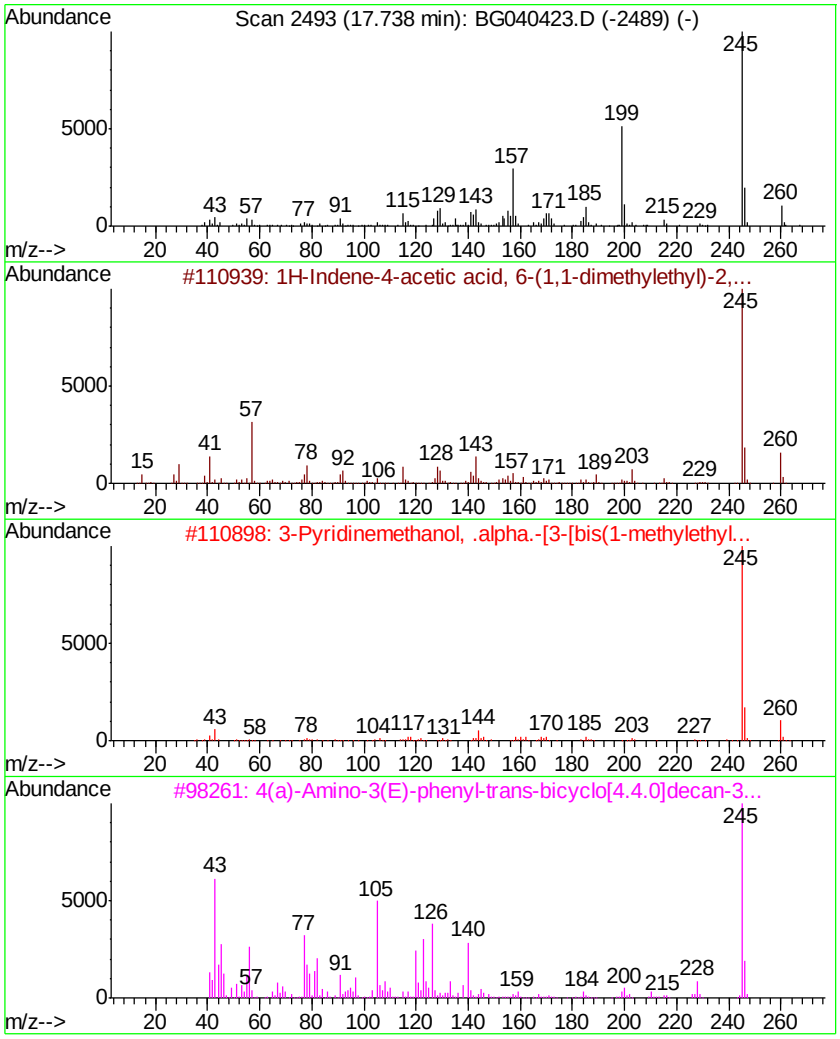
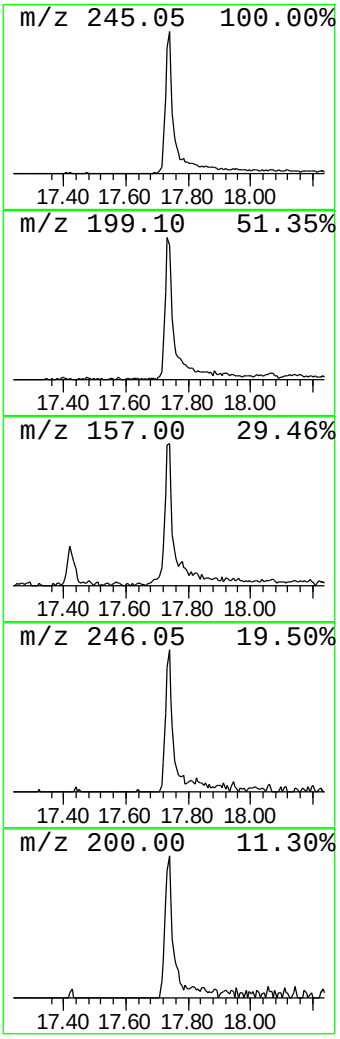
Peak Number 7 unknown17.74 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.74	4.92 ng	246310	Phenanthrene-d10	17.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene-4-acetic acid, 6-(1,1-...	260	C17H24O2	055591-05-4	49
2	3-Pyridinemethanol, .alpha.-[3-[...	260	C16H24N2O	1000337-80-3	46
3	4(a)-Amino-3(E)-phenyl-trans-bic...	245	C16H23NO	1000132-27-3	43
4	Isothiourea, 2-methyl-1-(2,4-dim...	260	C15H20N2S	1000267-73-5	43
5	2,3-Dihydro-4-methoxy-6,7-methyl...	245	C13H11NO4	094521-55-8	43





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041019\
Data File : BG040423.D
Acq On : 10 Apr 2019 20:21
Operator : JU/SJ
Sample : K2311-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
0239-COMP-CS-4-ELTRT

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.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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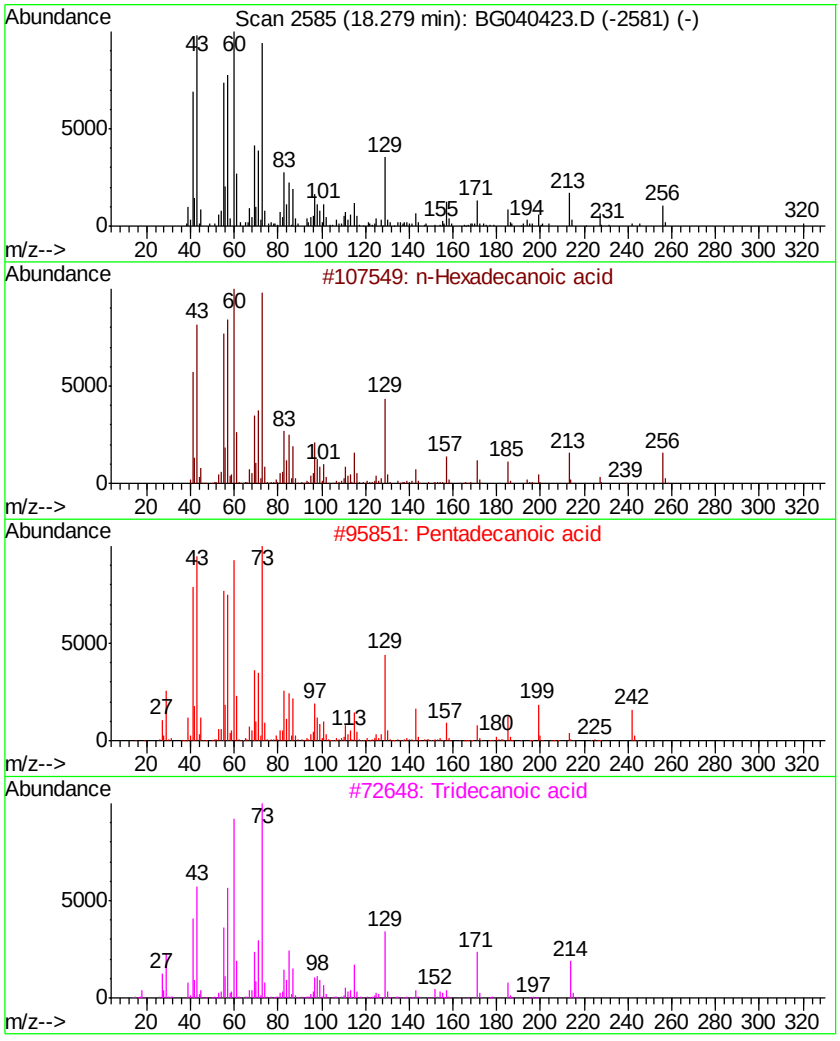
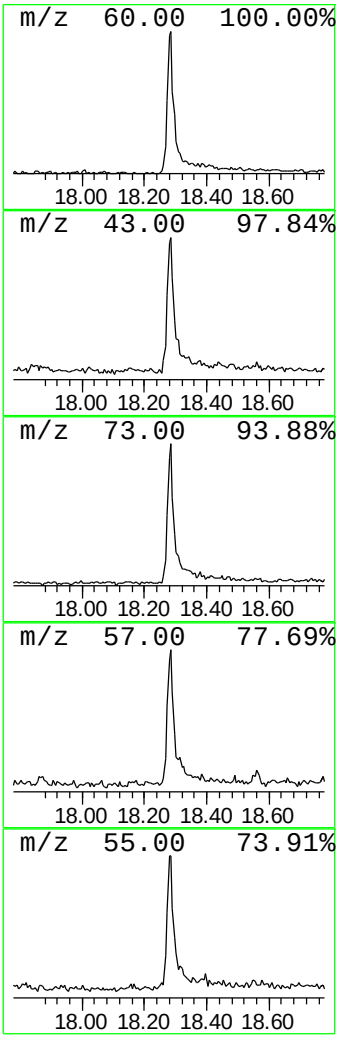
Peak Number 8 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.28	7.82 ng	391180	Phenanthrene-d10	17.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	Tridecanoic acid	214	C13H26O2	000638-53-9	83
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5	n-Decanoic acid	172	C10H20O2	000334-48-5	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041019\
Data File : BG040423.D
Acq On : 10 Apr 2019 20:21
Operator : JU/SJ
Sample : K2311-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 0239-COMP-CS-4-ELTRT

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

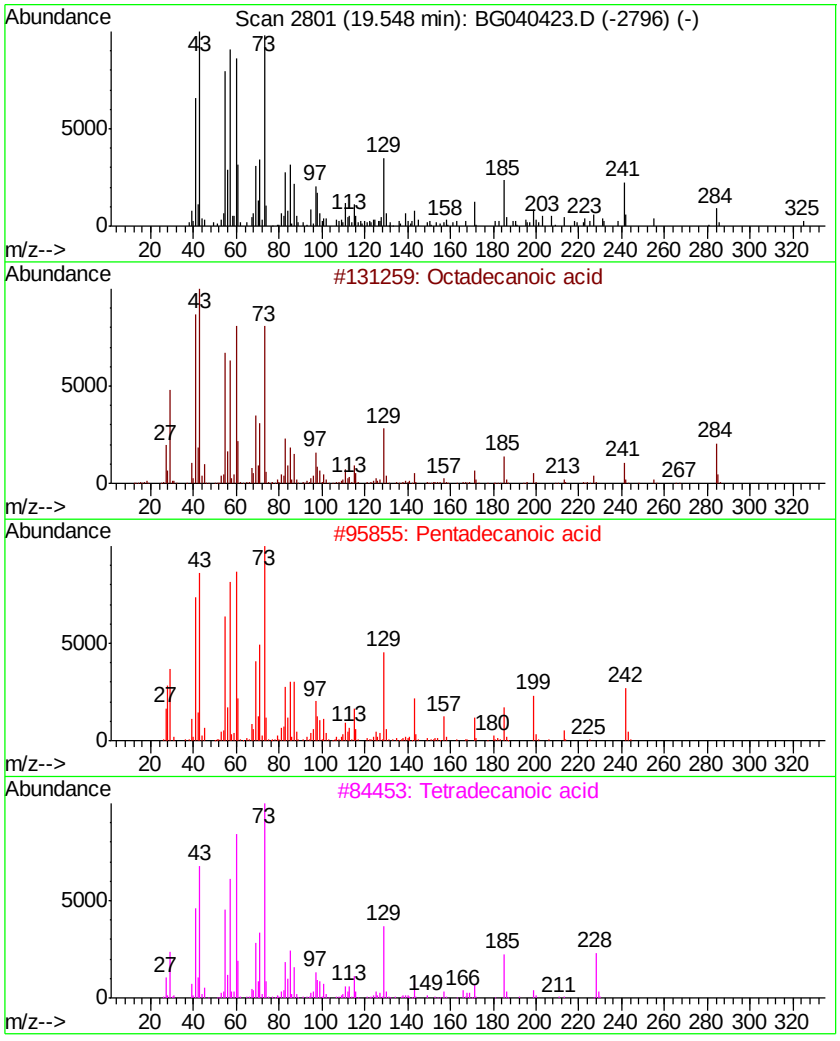
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

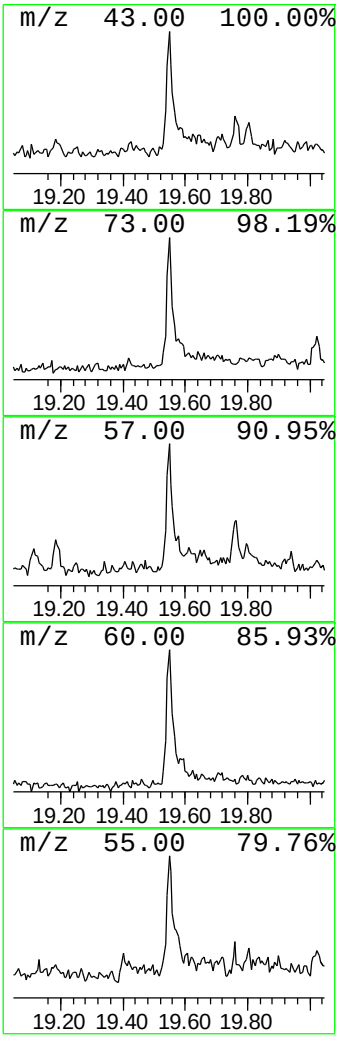
****

Peak Number 9 Octadecanoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.55	3.65 ng	182481	Phenanthrene-d10	17.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	94
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	70
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	59
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	59
5	Tridecanoic acid	214	C13H26O2	000638-53-9	53





Library Search Compound Report

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Data File : BG040423.D
Acq On : 10 Apr 2019 20:21
Operator : JU/SJ
Sample : K2311-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 0239-COMP-CS-4-ELTRT

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.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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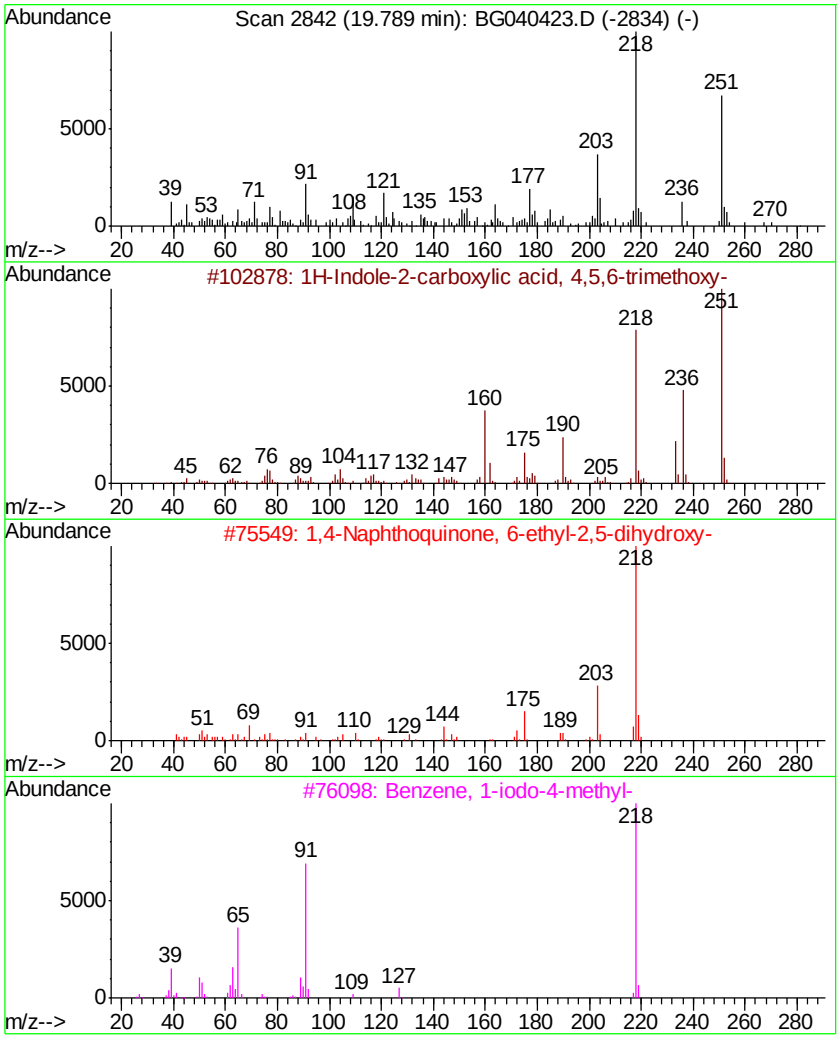
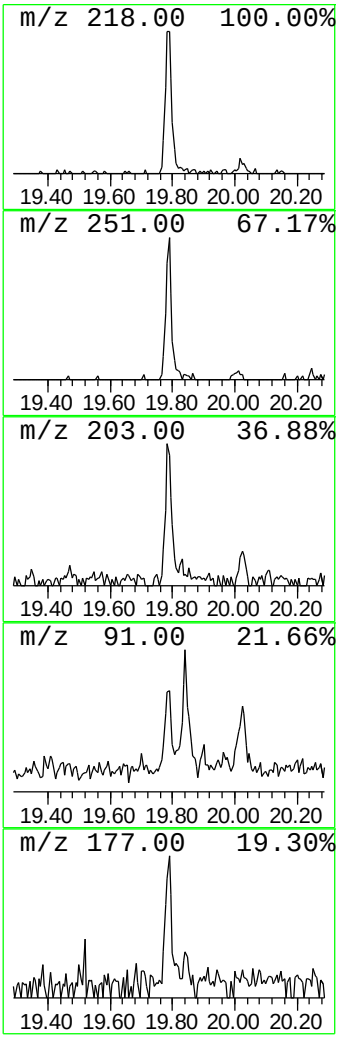
Peak Number 10 1H-Indole-2-carboxylic acid... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.79	2.36 ng	132659	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indole-2-carboxylic acid, 4,5...	251	C12H13NO5	1000304-55-2	50
2	1,4-Naphthoquinone, 6-ethyl-2,5-...	218	C12H10O4	013378-87-5	43
3	Benzene, 1-iodo-4-methyl-	218	C7H7I	000624-31-7	27
4	Benzene, 1-iodo-3-methyl-	218	C7H7I	000625-95-6	27
5	Tetrachloro-o-benzoquinone	244	C6Cl4O2	002435-53-2	27





Library Search Compound Report

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Operator : JU/SJ
Sample : K2311-06
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ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 0239-COMP-CS-4-ELTRT

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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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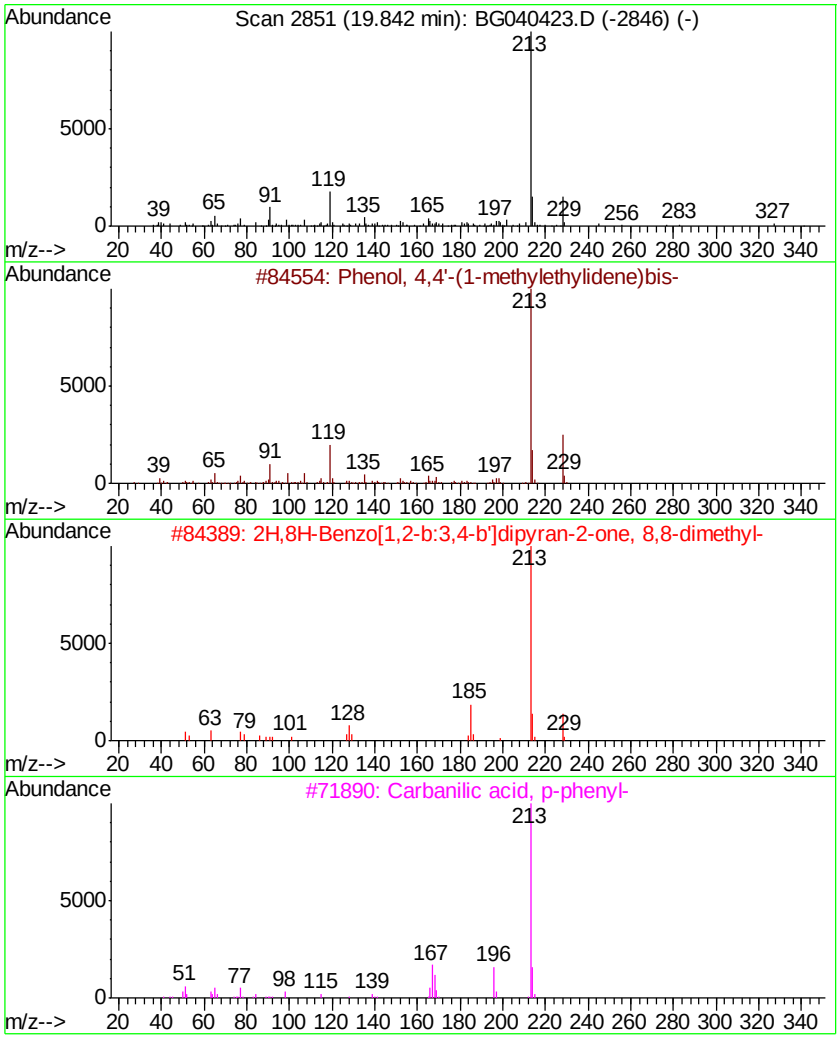
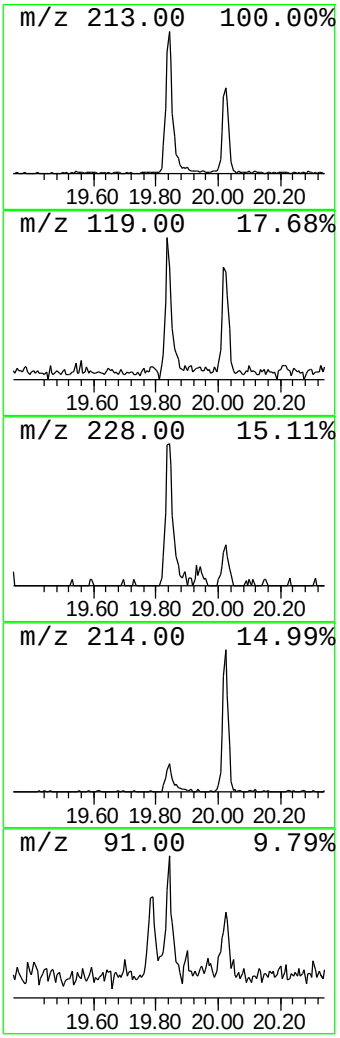
Peak Number 11 Phenol, 4,4'-(1-methylethyl... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.84	2.47 ng	138864	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	87
2	2H,8H-Benzo[1,2-b:3,4-b']dipyran...	228	C14H12O3	000523-59-1	64
3	Carbanilic acid, p-phenyl-	213	C13H11NO2	004474-53-7	58
4	Pyridine, 3-(5-trifluoromethyl-3...	213	C9H6F3N3	003974-70-7	53
5	Stannane, chlorotriethyl-	242	C6H15ClSn	000994-31-0	53





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Misc :
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Instrument : BNA_G
ClientSampleId : 0239-COMP-CS-4-ELTRT

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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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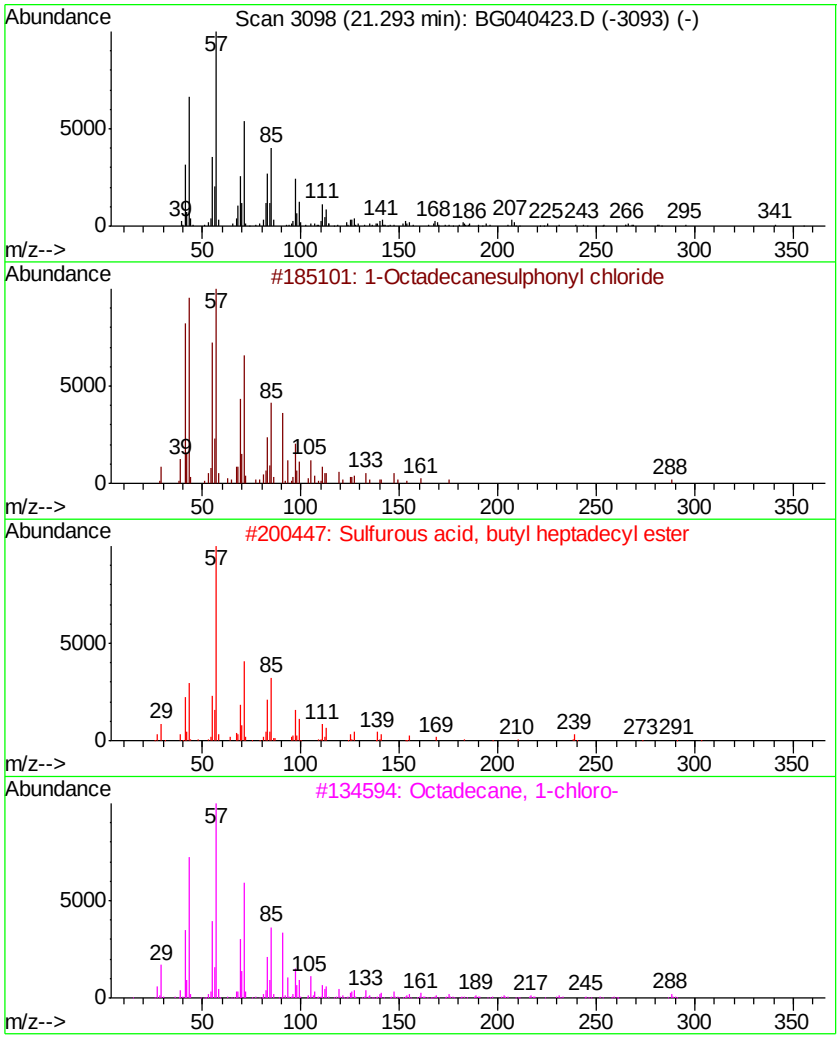
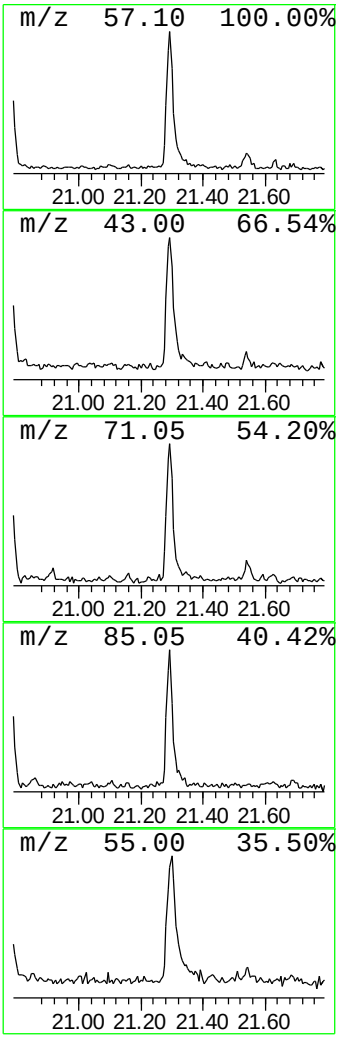
Peak Number 12 1-Octadecanesulphonyl chloride Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.29	4.59 ng	257839	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	91
2	Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	86
3	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	86
4	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	83
5	Hexadecane	226	C16H34	000544-76-3	64





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Operator : JU/SJ
Sample : K2311-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 0239-COMP-CS-4-ELTRT

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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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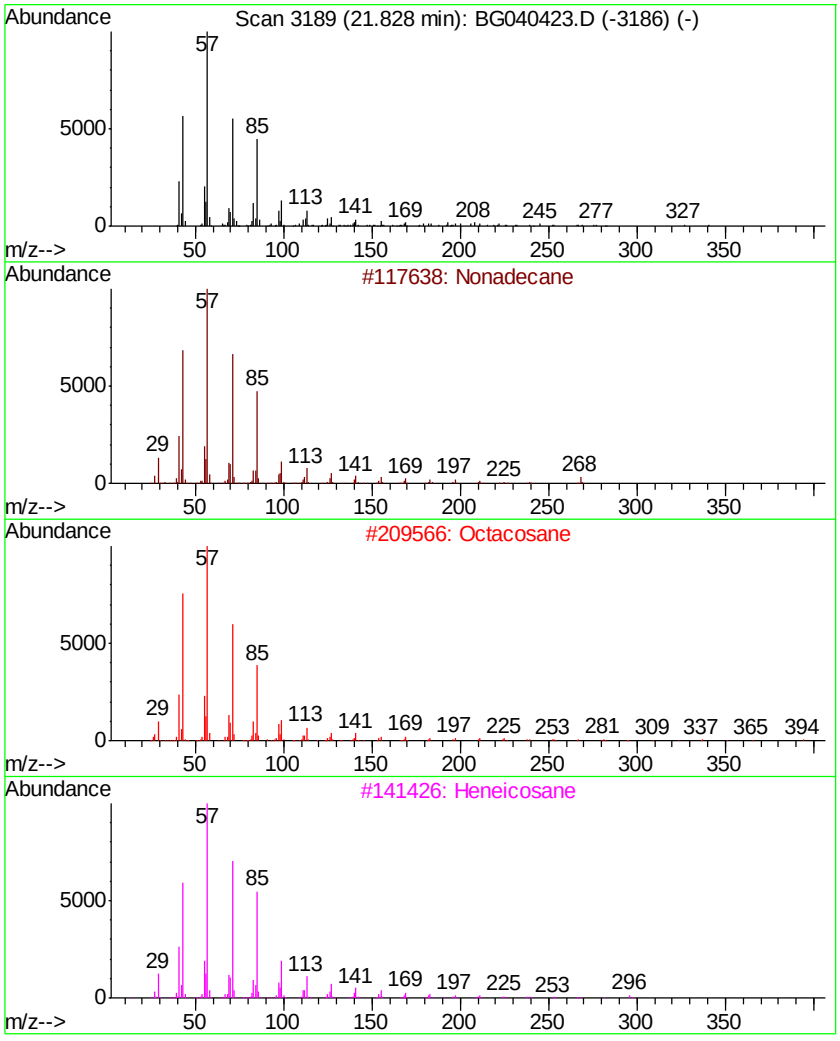
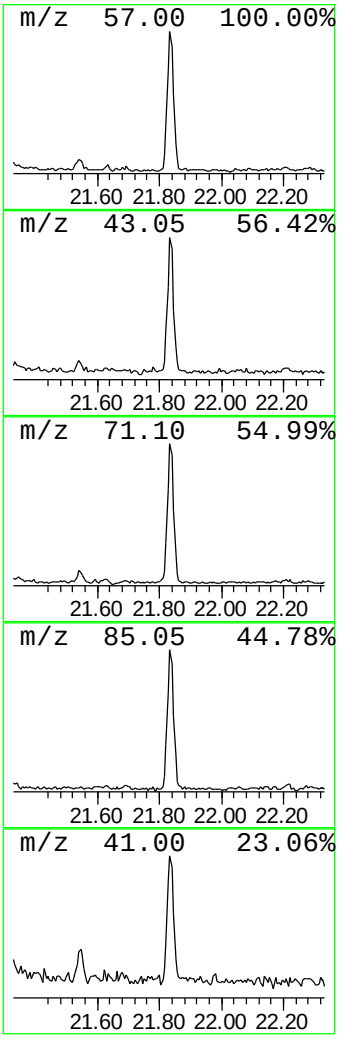
Peak Number 13 Nonadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.83	4.22 ng	237087	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	93
2	Octacosane	394	C28H58	000630-02-4	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Heptadecane	240	C17H36	000629-78-7	91
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90





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Sample : K2311-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 0239-COMP-CS-4-ELTRT

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.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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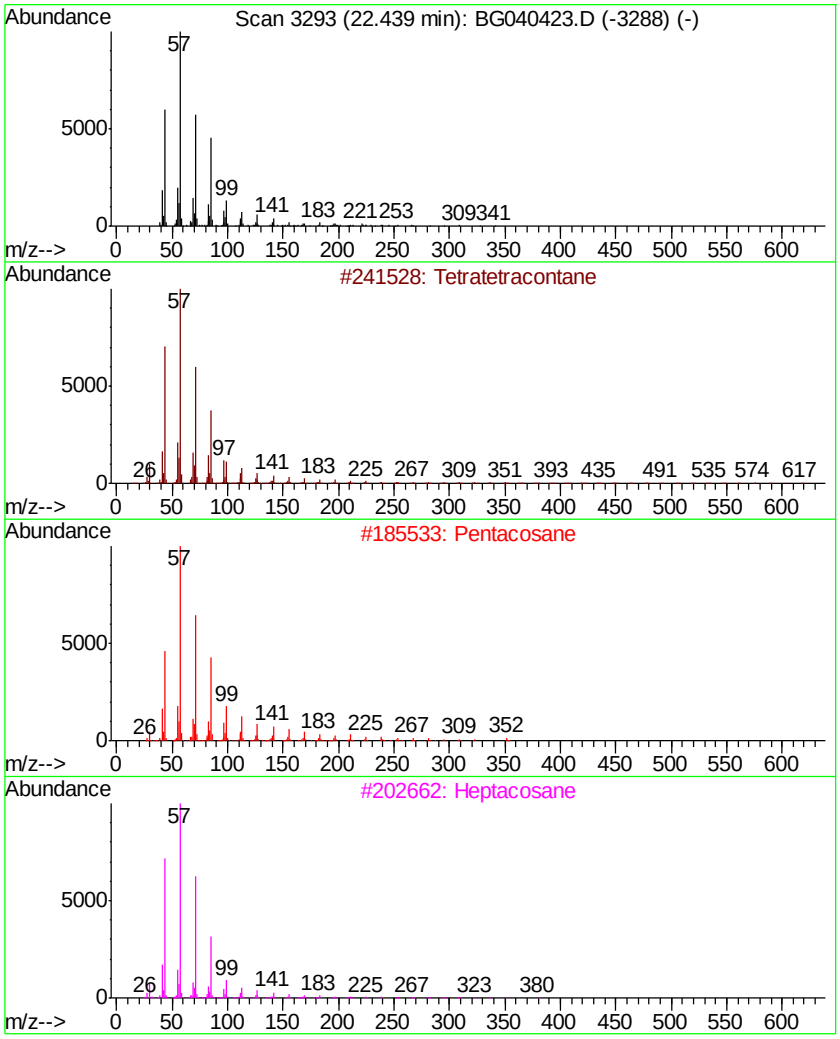
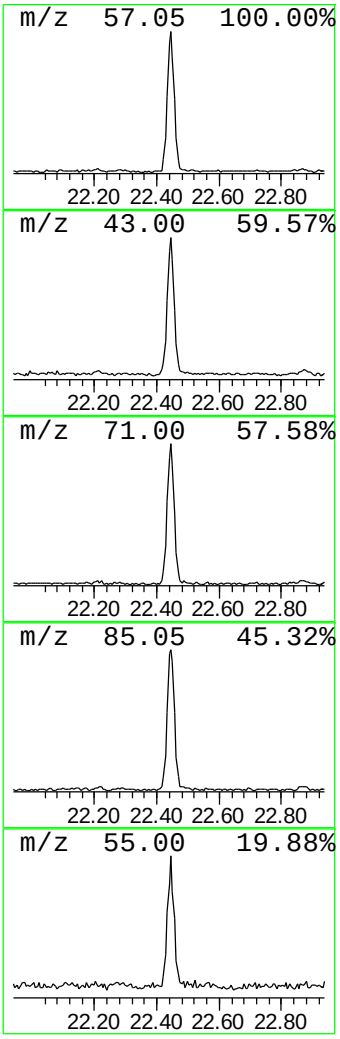
Peak Number 14 Tetratetracontane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.44	6.81 ng	382959	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	91
2	Pentacosane	352	C25H52	000629-99-2	91
3	Heptacosane	380	C27H56	000593-49-7	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	90
5	Heneicosane	296	C21H44	000629-94-7	90





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Sample : K2311-06
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ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 0239-COMP-CS-4-ELTRT

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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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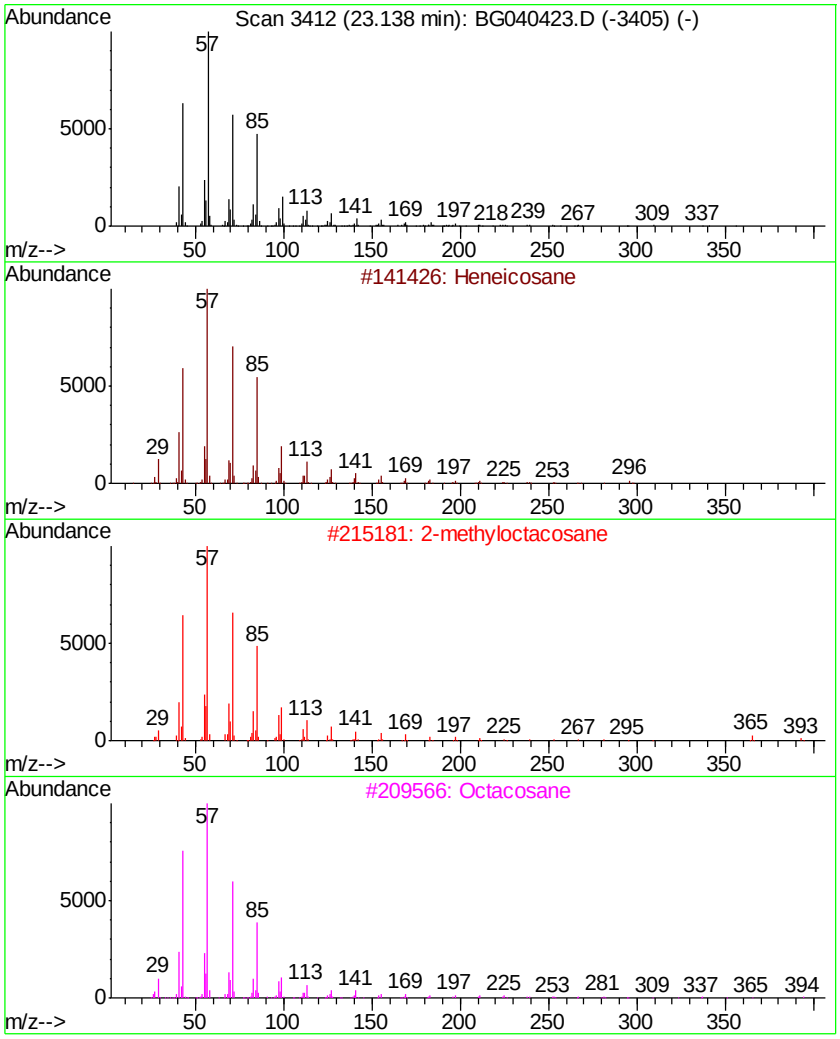
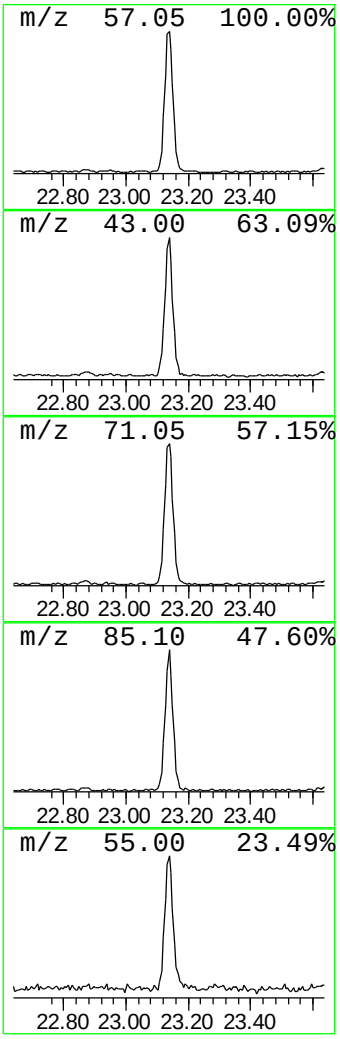
Peak Number 15 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.14	9.98 ng	561102	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Octadecane	254	C18H38	000593-45-3	90
5	Pentadecane	212	C15H32	000629-62-9	87





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Sample : K2311-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 0239-COMP-CS-4-ELTRT

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.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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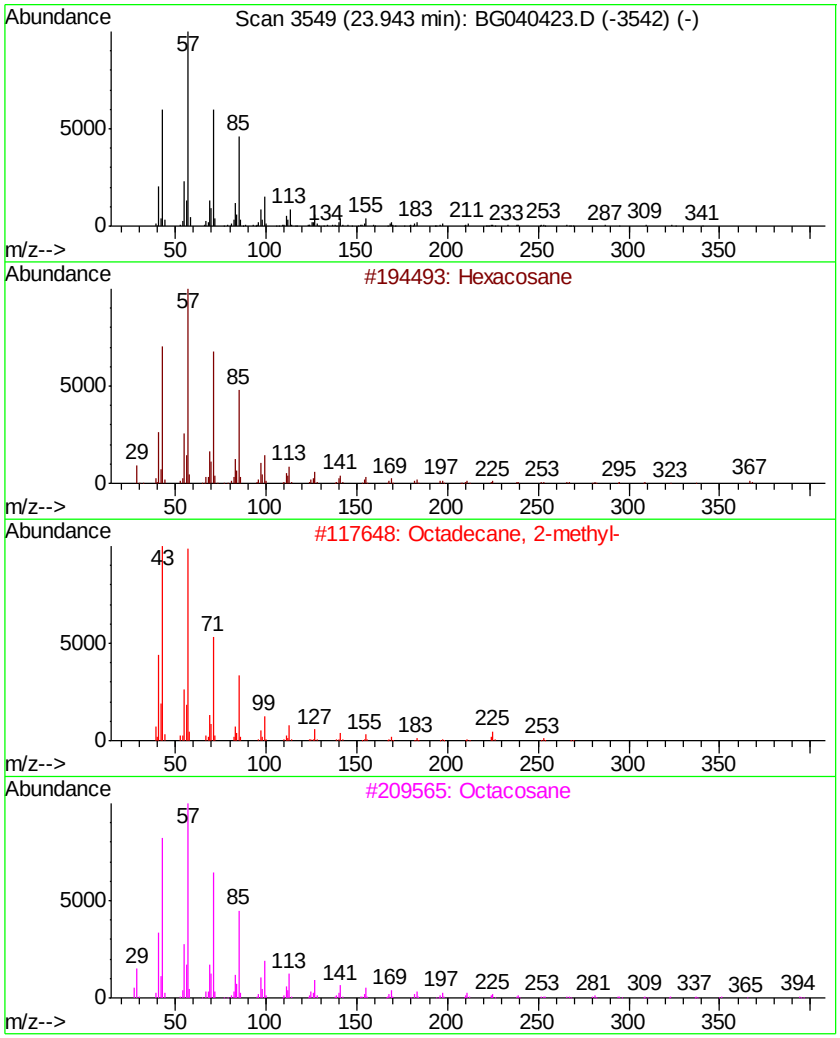
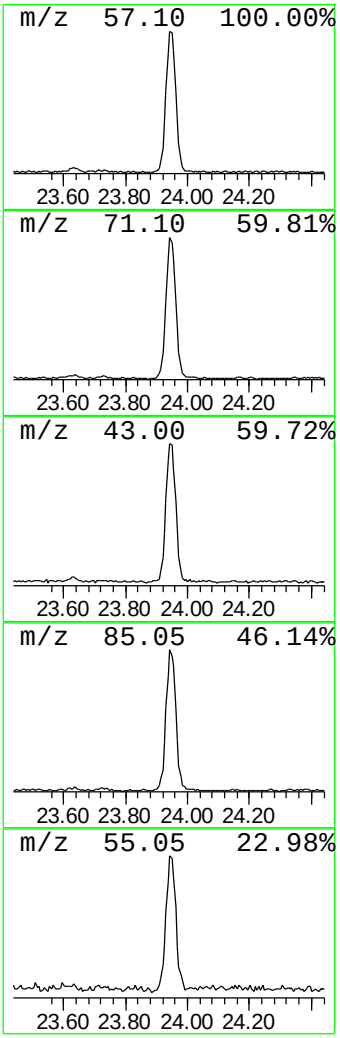
Peak Number 16 Hexacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.94	11.51 ng	631759	Perylene-d12	24.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	94
2	Octadecane, 2-methyl-	268	C19H40	001560-88-9	94
3	Octacosane	394	C28H58	000630-02-4	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Heneicosane	296	C21H44	000629-94-7	91





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Sample : K2311-06
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ALS Vial : 12 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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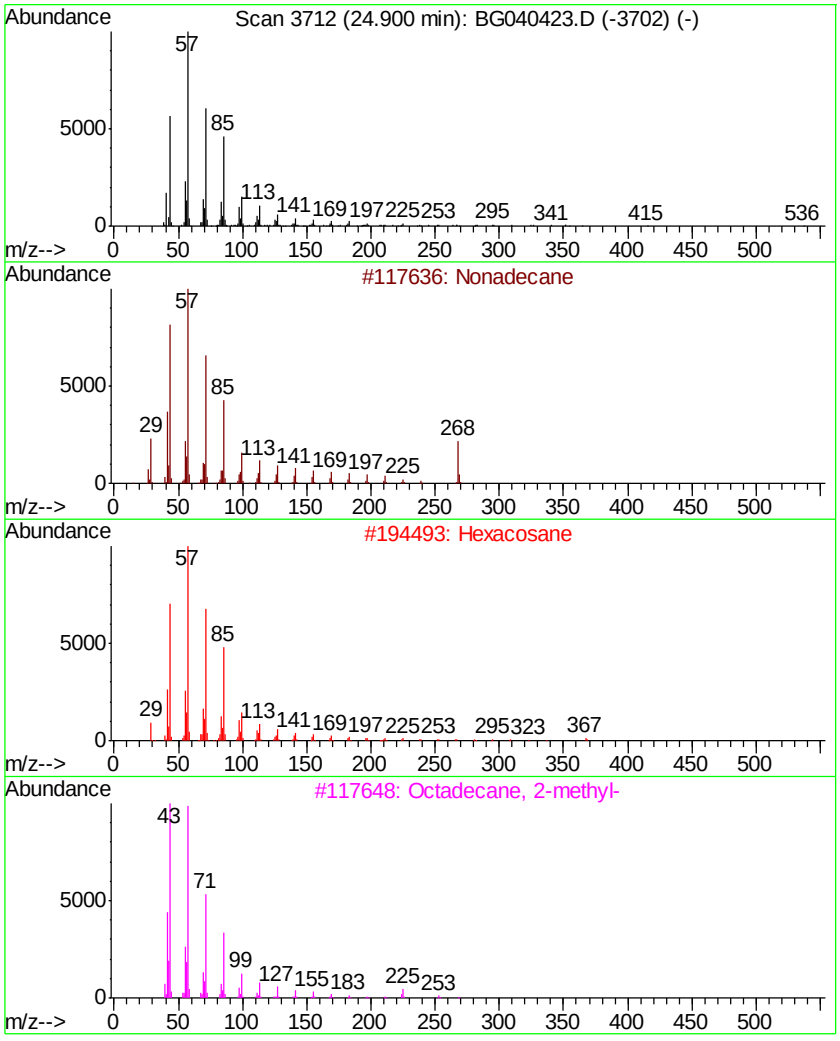
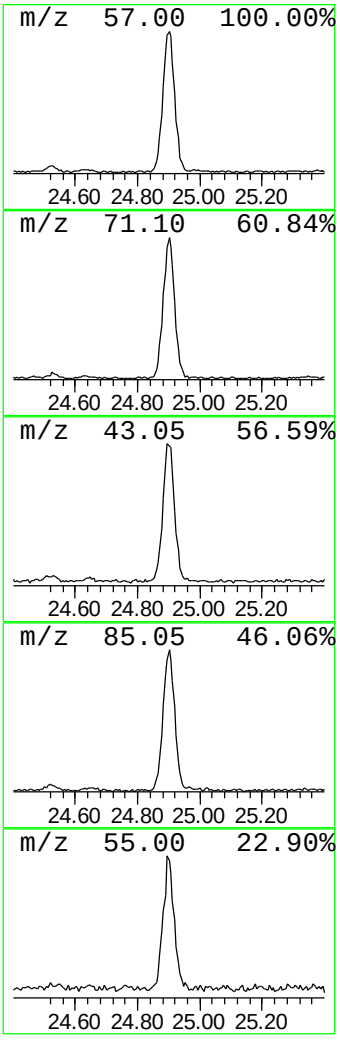
Peak Number 17 Octadecane, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.90	12.07 ng	662251	Perylene-d12	24.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	94
2	Hexacosane	366	C26H54	000630-01-3	94
3	Octadecane, 2-methyl-	268	C19H40	001560-88-9	94
4	Tetracosane	338	C24H50	000646-31-1	91
5	Octacosane	394	C28H58	000630-02-4	91





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ALS Vial : 12 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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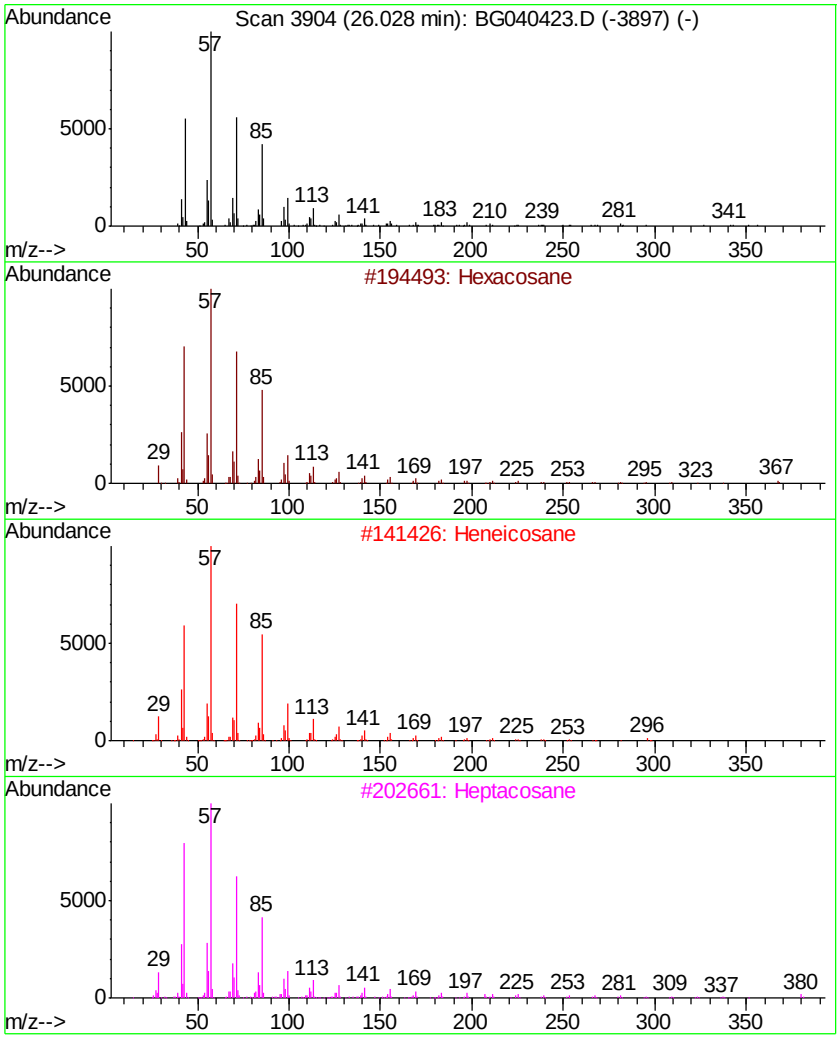
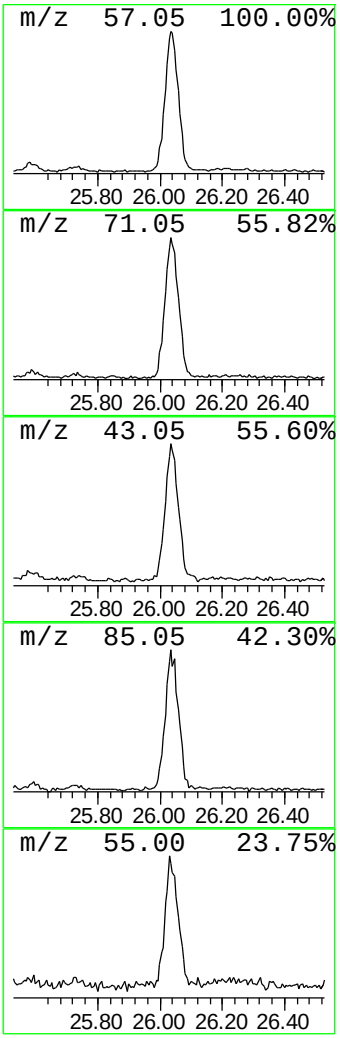
Peak Number 18 Heptadecane, 9-octyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.03	9.62 ng	528176	Perylene-d12	24.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	94
2	Heneicosane	296	C21H44	000629-94-7	91
3	Heptacosane	380	C27H56	000593-49-7	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Octadecane	254	C18H38	000593-45-3	87





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Sample : K2311-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 0239-COMP-CS-4-ELTRT

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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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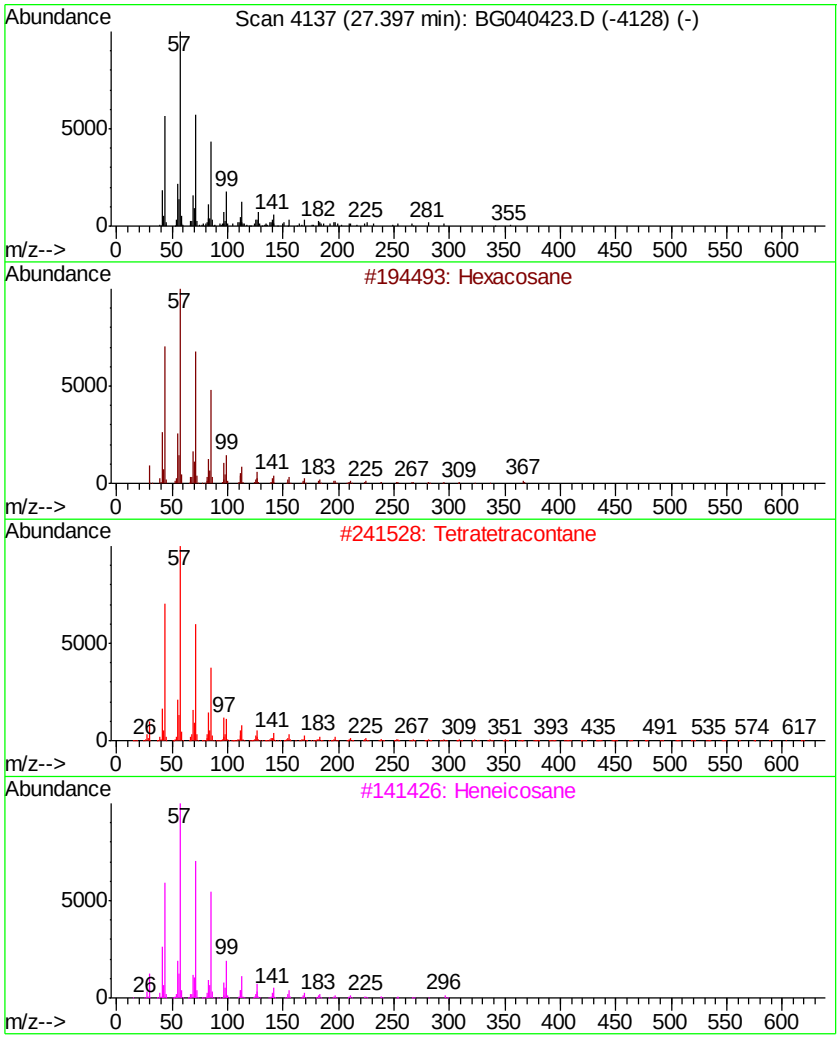
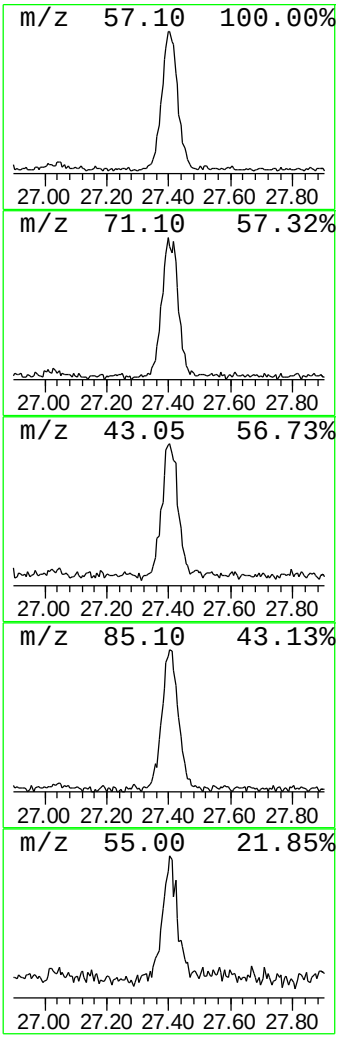
Peak Number 19 Docosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.40	5.92 ng	324852	Perylene-d12	24.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	90
2	Tetratetracontane	619	C44H90	007098-22-8	87
3	Heneicosane	296	C21H44	000629-94-7	87
4	Tetracosane	338	C24H50	000646-31-1	87
5	Docosane	310	C22H46	000629-97-0	87





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Sample : K2311-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 0239-COMP-CS-4-ELTRT

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.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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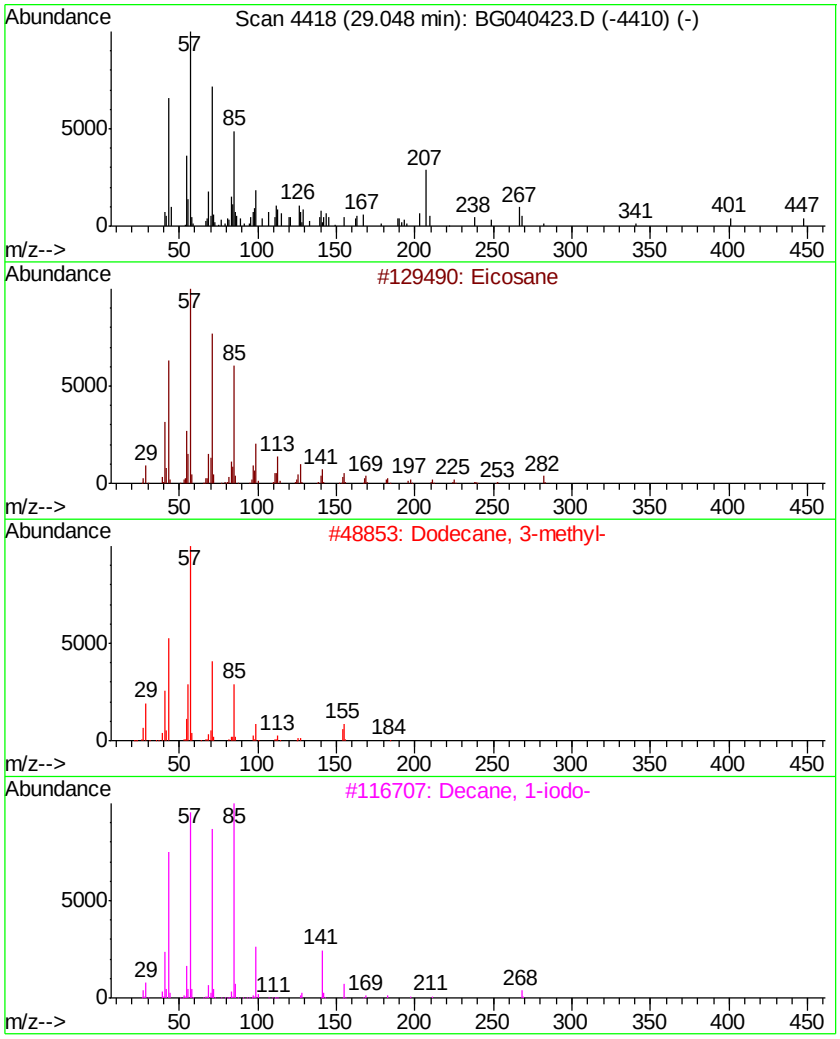
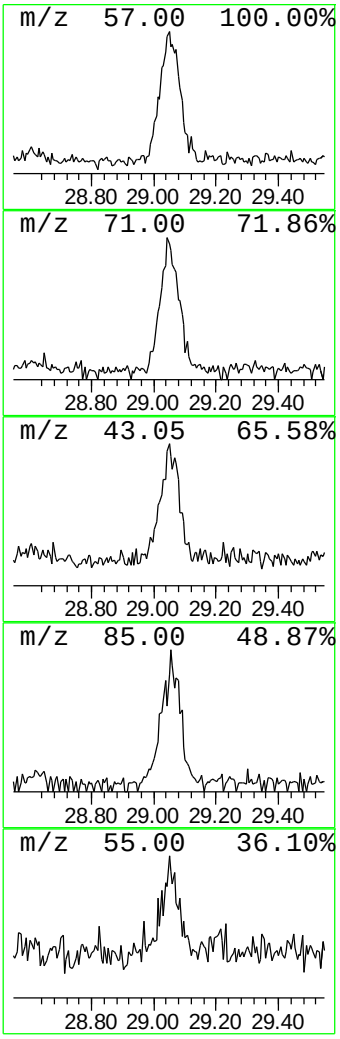
Peak Number 20 Eicosane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.05	2.05 ng	112664	Perylene-d12	24.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	72
2	Dodecane, 3-methyl-	184	C13H28	017312-57-1	72
3	Decane, 1-iodo-	268	C10H21I	002050-77-3	64
4	Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	64
5	Heptadecane	240	C17H36	000629-78-7	52





Tentatively Identified Compound (LSC) summary

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Data File : BG040423.D
Acq On : 10 Apr 2019 20:21
Operator : JU/SJ
Sample : K2311-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 0239-COMP-CS-4-ELTRT

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.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
unknown3.19	3.19	4.1	ng	86679	1	8.04	420998	20.0
unknown7.57	7.57	84.0	ng	1767200	1	8.04	420998	20.0
1H-Indene, 2,3-di...	12.43	4.5	ng	128382	2	10.86	575500	20.0
2(3H)-Thiazolone,...	12.50	3.4	ng	97211	2	10.86	575500	20.0
Triethyl citrate	15.95	4.7	ng	186152	3	14.68	798501	20.0
unknown17.74	17.74	4.9	ng	246310	4	17.42	1000830	20.0
n-Hexadecanoic acid	18.28	7.8	ng	391180	4	17.42	1000830	20.0
Octadecanoic acid	19.55	3.6	ng	182481	4	17.42	1000830	20.0
1H-Indole-2-carbo...	19.79	2.4	ng	132659	5	21.69	1124340	20.0
Phenol, 4,4'-(1-m...	19.84	2.5	ng	138864	5	21.69	1124340	20.0
1-Octadecanesulph...	21.29	4.6	ng	257839	5	21.69	1124340	20.0
Nonadecane	21.83	4.2	ng	237087	5	21.69	1124340	20.0
Tetratetracontane	22.44	6.8	ng	382959	5	21.69	1124340	20.0
Heneicosane	23.14	10.0	ng	561102	5	21.69	1124340	20.0
Hexacosane	23.94	11.5	ng	631759	6	24.97	1097530	20.0
Octadecane, 2-met...	24.90	12.1	ng	662251	6	24.97	1097530	20.0
Heptadecane, 9-oc...	26.03	9.6	ng	528176	6	24.97	1097530	20.0
Docosane	27.40	5.9	ng	324852	6	24.97	1097530	20.0
Eicosane	29.05	2.0	ng	112664	6	24.97	1097530	20.0