LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032019\
Data File : BG040044.D
Acq On : 20 Mar 2019 20:24
Operator : JU/SJ
Sample : K1935-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-2(10-11)

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-BG030419.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	3.194	14	18	27	rVV2	72491	132828	5.37%	0.558%
2	3.264	27	30	41	rVB	150530	222117	8.97%	0.933%
3	5.691	436	443	455	rBV	987190	1596634	64.50%	6.708%
4	7.294	705	716	729	rBV	1065486	1861490	75.20%	7.820%
5	7.670	772	780	788	rBV	985700	1739522	70.27%	7.308%
6	8.140	853	860	871	rVB	183803	321658	12.99%	1.351%
7	8.463	907	915	923	rVB	667269	1176636	47.53%	4.943%
8	9.321	1051	1061	1070	rBV	643690	1157785	46.77%	4.864%
9	10.960	1334	1340	1350	rBV	259424	472434	19.08%	1.985%
10	11.066	1354	1358	1365	rVB5	17850	33415	1.35%	0.140%
11	13.022	1686	1691	1696	rVB5	21747	36359	1.47%	0.153%
12	13.263	1728	1732	1738	rBV3	21890	35624	1.44%	0.150%
13	13.392	1747	1754	1763	rVB	1337600	2103279	84.96%	8.836%
14	13.503	1769	1773	1777	rBV5	22093	36935	1.49%	0.155%
15	13.791	1819	1822	1827	rVB6	17142	28751	1.16%	0.121%
16	13.885	1827	1838	1843	rBV6	18699	57097	2.31%	0.240%
17	14.120	1874	1878	1884	rVB8	15157	28952	1.17%	0.122%
18	14.208	1884	1893	1898	rBV2	186195	314419	12.70%	1.321%
19	14.261	1898	1902	1908	rVB7	28211	46161	1.86%	0.194%
20	14.766	1983	1988	1994	rVV2	408242	650371	26.27%	2.732%
21	14.819	1995	1997	2002	rVB5	18556	25329	1.02%	0.106%
22	14.949	2016	2019	2024	rBV8	22985	35663	1.44%	0.150%
23	16.259	2235	2242	2248	rBV	1256548	1972536	79.68%	8.287%
24	16.441	2270	2273	2277	rVB2	36463	49801	2.01%	0.209%
25	17.116	2384	2388	2392	rBV3	46660	67383	2.72%	0.283%
26	17.257	2410	2412	2418	rVB6	30244	47703	1.93%	0.200%
27	17.516	2450	2456	2461	rBV	488536	751175	30.34%	3.156%
28	17.880	2514	2518	2522	rBV5	48545	71529	2.89%	0.301%
29	17.927	2522	2526	2531	rVV7	77639	129205	5.22%	0.543%
30	17.986	2533	2536	2539	rVB2	52467	62463	2.52%	0.262%
31	18.056	2545	2548	2554	rBV6	33331	56496	2.28%	0.237%
32	18.174	2563	2568	2576	rBV	224354	329953	13.33%	1.386%
33	18.344	2593	2597	2598	rBV3	58102	77355	3.12%	0.325%
34	18.362	2598	2600	2606	rVV3	86543	119716	4.84%	0.503%

LSC Area Percent Report

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Data File : BG040044.D
Acq On : 20 Mar 2019 20:24
Operator : JU/SJ
Sample : K1935-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-2(10-11)

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-BG030419.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	18.438	2610	2613	2619	rVV6	47802	69605	2.81%	0.292%
36	18.503	2620	2624	2629	rVV5	101858	169746	6.86%	0.713%
37	18.561	2631	2634	2639	rVB2	68836	91833	3.71%	0.386%
38	18.679	2649	2654	2661	rVB2	181117	331398	13.39%	1.392%
39	18.779	2666	2671	2676	rBV6	148391	272255	11.00%	1.144%
40	18.920	2691	2695	2698	rBV3	82514	137106	5.54%	0.576%
41	18.955	2698	2701	2712	rVB2	242386	390852	15.79%	1.642%
42	19.225	2743	2747	2754	rVB4	52506	103830	4.19%	0.436%
43	19.589	2806	2809	2812	rBV3	42752	56560	2.28%	0.238%
44	19.683	2822	2825	2831	rVB2	53595	76356	3.08%	0.321%
45	19.807	2844	2846	2851	rVB	48684	60637	2.45%	0.255%
46	20.053	2884	2888	2892	rBV	112672	156865	6.34%	0.659%
47	20.106	2892	2897	2907	rVB	1855933	2475539	100.00%	10.400%
48	20.794	3012	3014	3018	rVB3	37482	45984	1.86%	0.193%
49	20.976	3042	3045	3048	rBV4	36767	48311	1.95%	0.203%
50	21.593	3146	3150	3154	rVB2	41025	57833	2.34%	0.243%
51	21.728	3167	3173	3178	rBV2	225128	350693	14.17%	1.473%
52	21.798	3179	3185	3192	rVB2	504816	886070	35.79%	3.722%
53	21.904	3199	3203	3206	rBV4	31099	48058	1.94%	0.202%
54	21.939	3206	3209	3213	rVB	40389	54693	2.21%	0.230%
55	22.562	3310	3315	3320	rVB	82822	130106	5.26%	0.547%
56	23.273	3431	3436	3444	rVB2	85749	160509	6.48%	0.674%
57	24.107	3571	3578	3585	rVB	94418	204133	8.25%	0.858%
58	25.088	3737	3745	3747	rBV3	48694	105092	4.25%	0.442%
59	25.158	3748	3757	3771	rVB2	303808	914550	36.94%	3.842%
60	26.263	3937	3945	3955	rVB4	39359	119714	4.84%	0.503%
61	28.654	4342	4352	4366	rVB4	58667	226713	9.16%	0.952%
62	31.585	4840	4851	4852	rBV9	23722	63219	2.55%	0.266%
63	32.237	4950	4962	4963	rBV10	58840	146247	5.91%	0.614%

Sum of corrected areas: 23803281

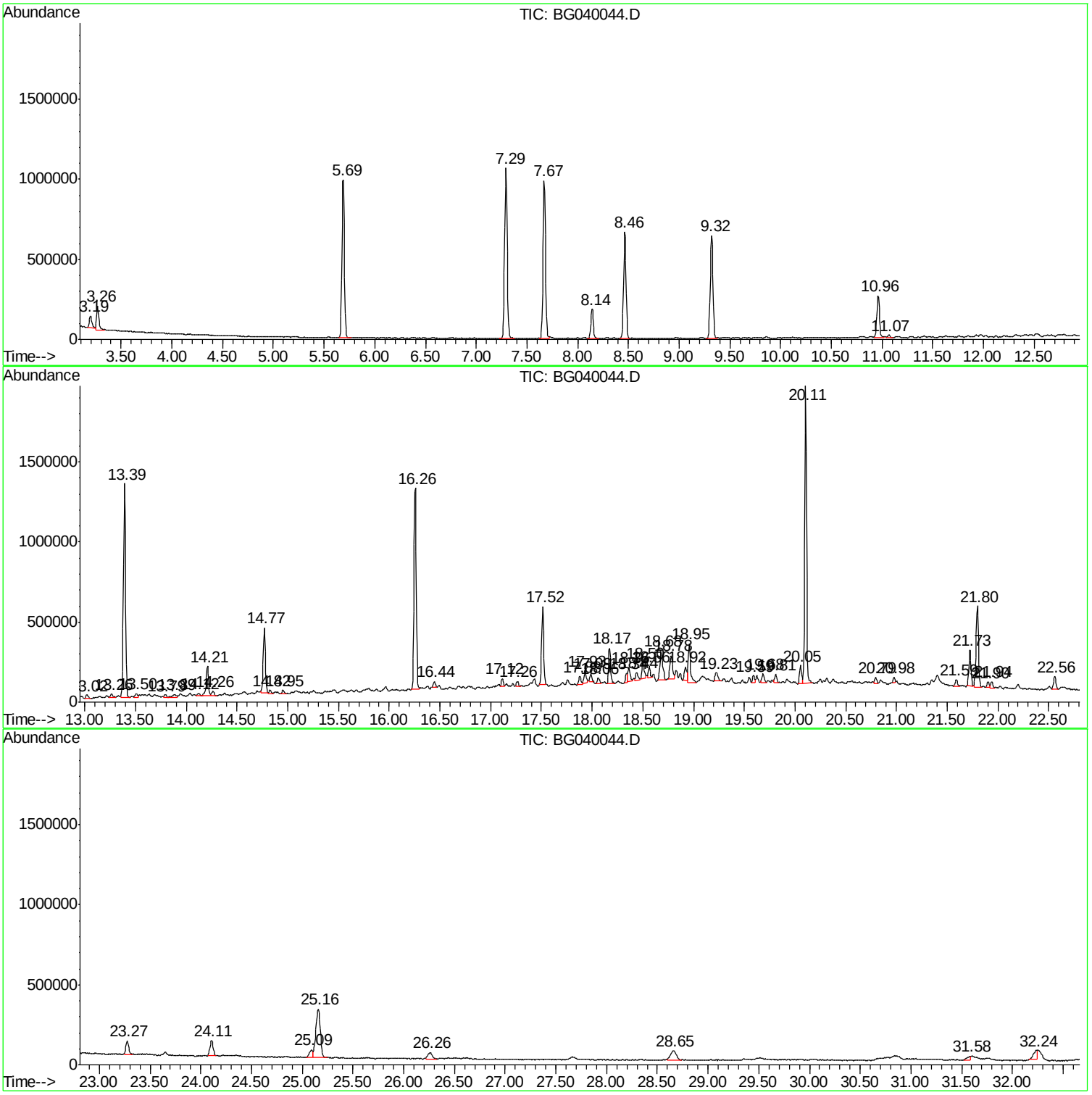
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032019\
Data File : BG040044.D
Acq On : 20 Mar 2019 20:24
Operator : JU/SJ
Sample : K1935-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-2(10-11)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.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\BG032019\
Data File : BG040044.D
Acq On : 20 Mar 2019 20:24
Operator : JU/SJ
Sample : K1935-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-2(10-11)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

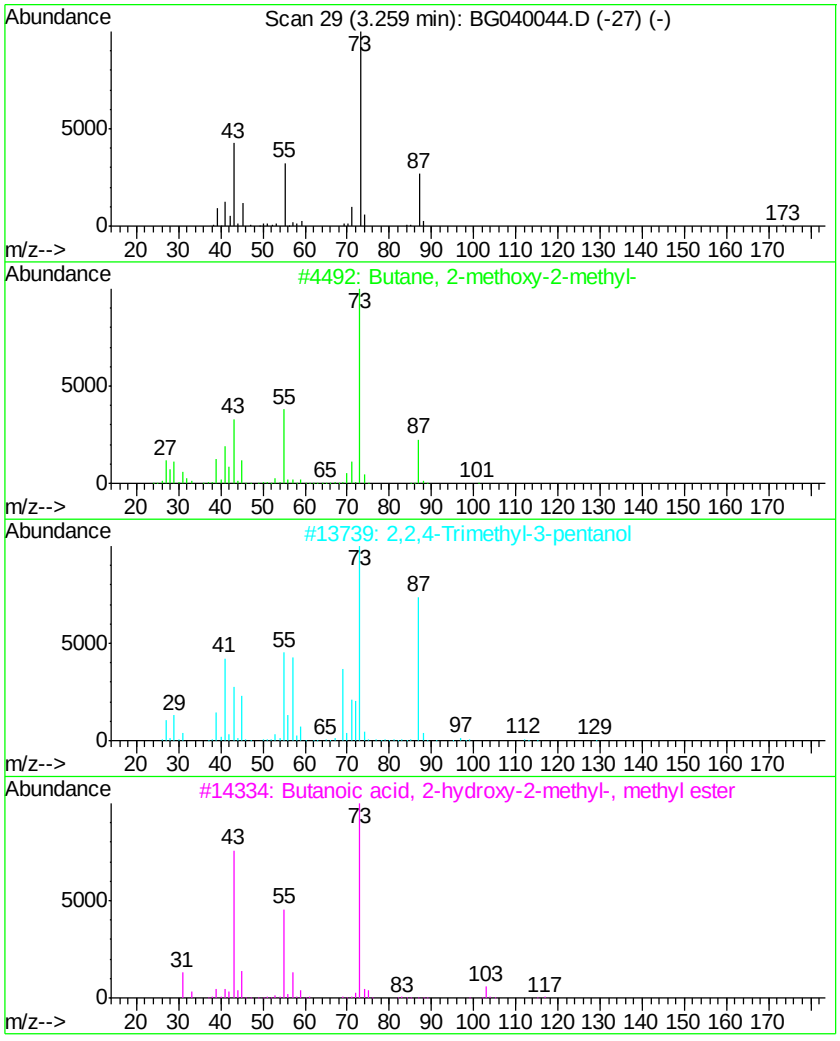
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

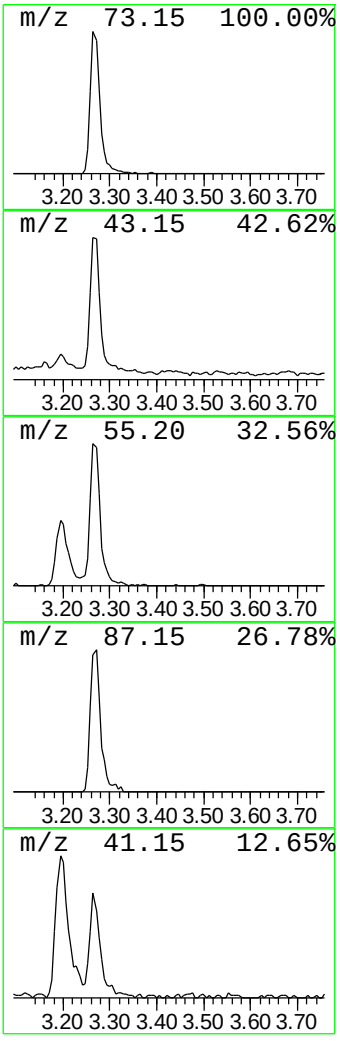
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.26	13.81 ng	222117	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Butanoic acid, 2-hydroxy-2-methy...	132	C6H12O3	032793-34-3	32
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	17





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032019\
Data File : BG040044.D
Acq On : 20 Mar 2019 20:24
Operator : JU/SJ
Sample : K1935-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-2(10-11)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

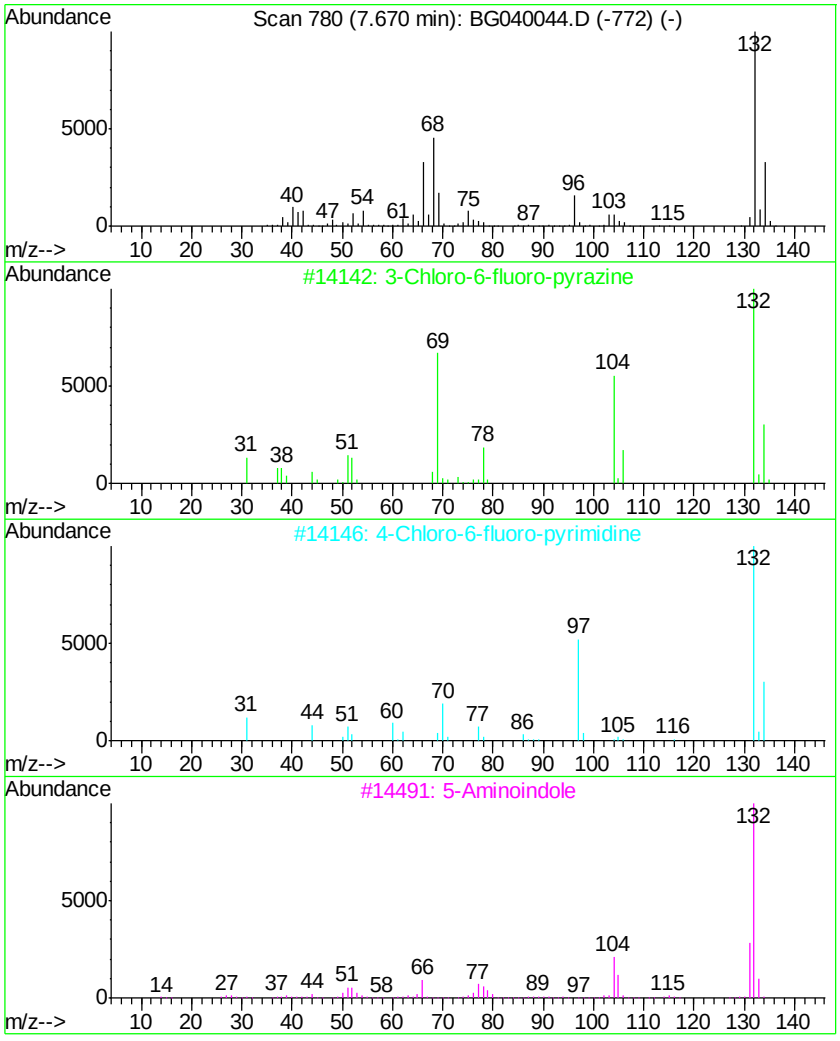
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

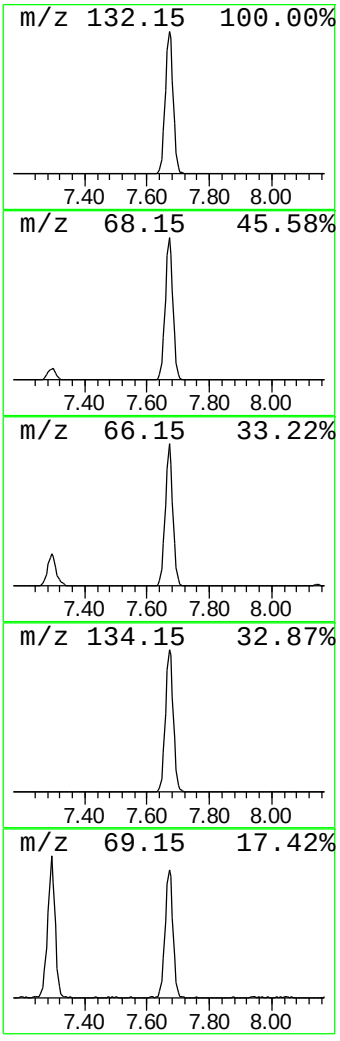
****

Peak Number 3 unknown7.67 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.67	108.16 ng	1739520	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3	5-Aminoindole	132	C8H8N2	005192-03-0	27
4	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	17
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16





Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032019\
Data File : BG040044.D
Acq On : 20 Mar 2019 20:24
Operator : JU/SJ
Sample : K1935-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-2(10-11)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

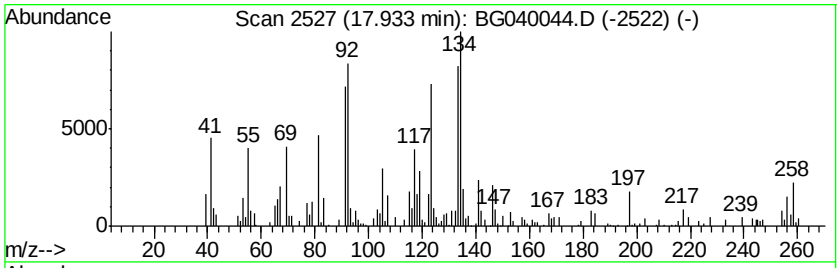
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

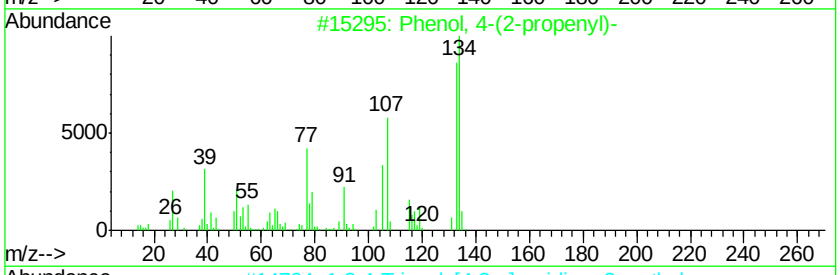
****

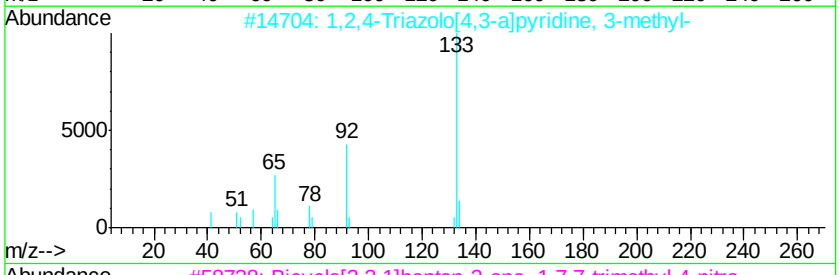
Peak Number 5 unknown17.93 Concentration Rank 16

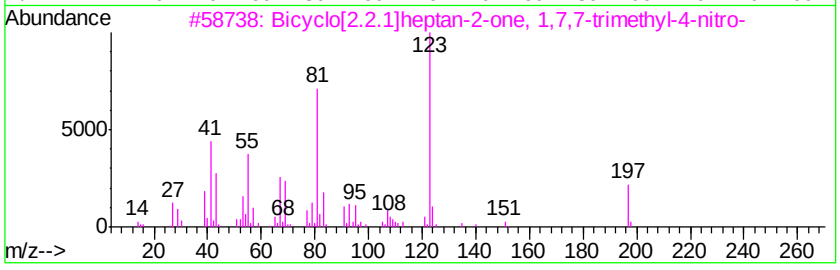
R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	3.44 ng	129205	Phenanthrene-d10	17.52

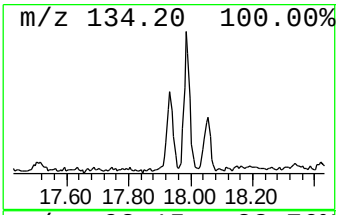
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(2-propenyl)-	134	C9H10O	000501-92-8	25
2	1,2,4-Triazolo[4,3-a]pyridine, 3...	133	C7H7N3	001004-65-5	22
3	Bicyclo[2.2.1]heptan-2-one, 1,7,...	197	C10H15NO3	055784-71-9	15
4	Benzamide, 3-(4-fluorobenzoylami...	258	C14H11FN2O2	1000262-40-4	11
5	4H-3,1-Benzoxazine, 2-[4-(dimeth...	254	C16H18N2O	082085-88-9	11

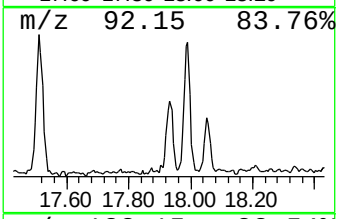


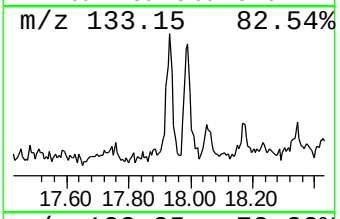


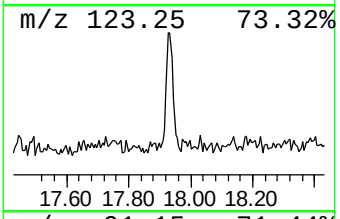


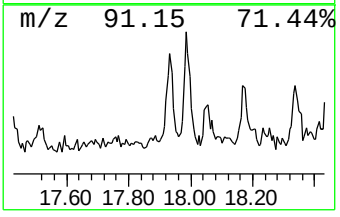












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Data File : BG040044.D
Acq On : 20 Mar 2019 20:24
Operator : JU/SJ
Sample : K1935-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-2(10-11)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

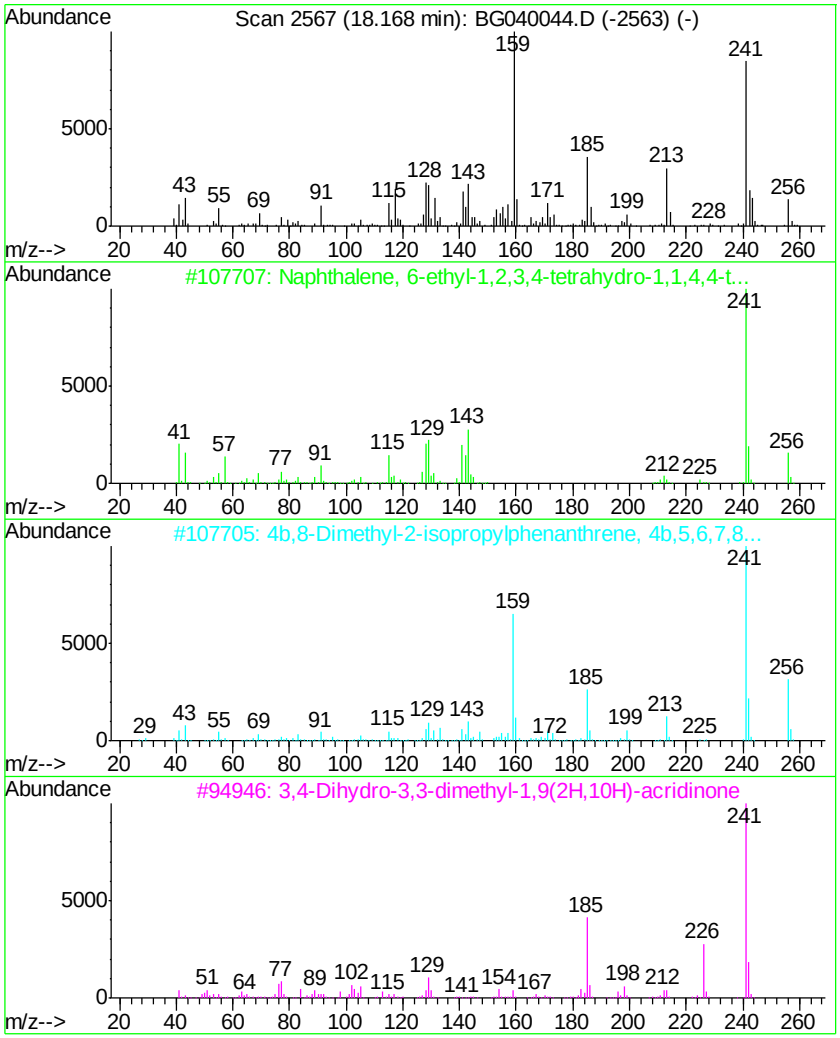
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

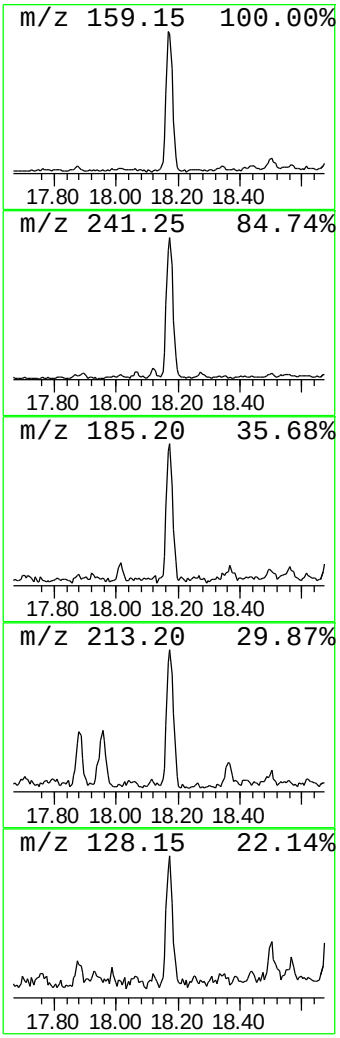
****

Peak Number 6 Naphthalene, 6-ethyl-1,2,3,... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.17	8.78 ng	329953	Phenanthrene-d10	17.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 6-ethyl-1,2,3,4-tet...	256	C19H28	301643-35-6	86
2	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	76
3	3,4-Dihydro-3,3-dimethyl-1,9(2H,...	241	C15H15NO2	1000212-95-2	50
4	2,3,4-Trifluorobenzoic acid, hex...	256	C13H11F3O2	1000292-55-4	43
5	Sebacic acid, butyl 3-heptyl ester	356	C21H40O4	1000355-57-7	35





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032019\
Data File : BG040044.D
Acq On : 20 Mar 2019 20:24
Operator : JU/SJ
Sample : K1935-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-2(10-11)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

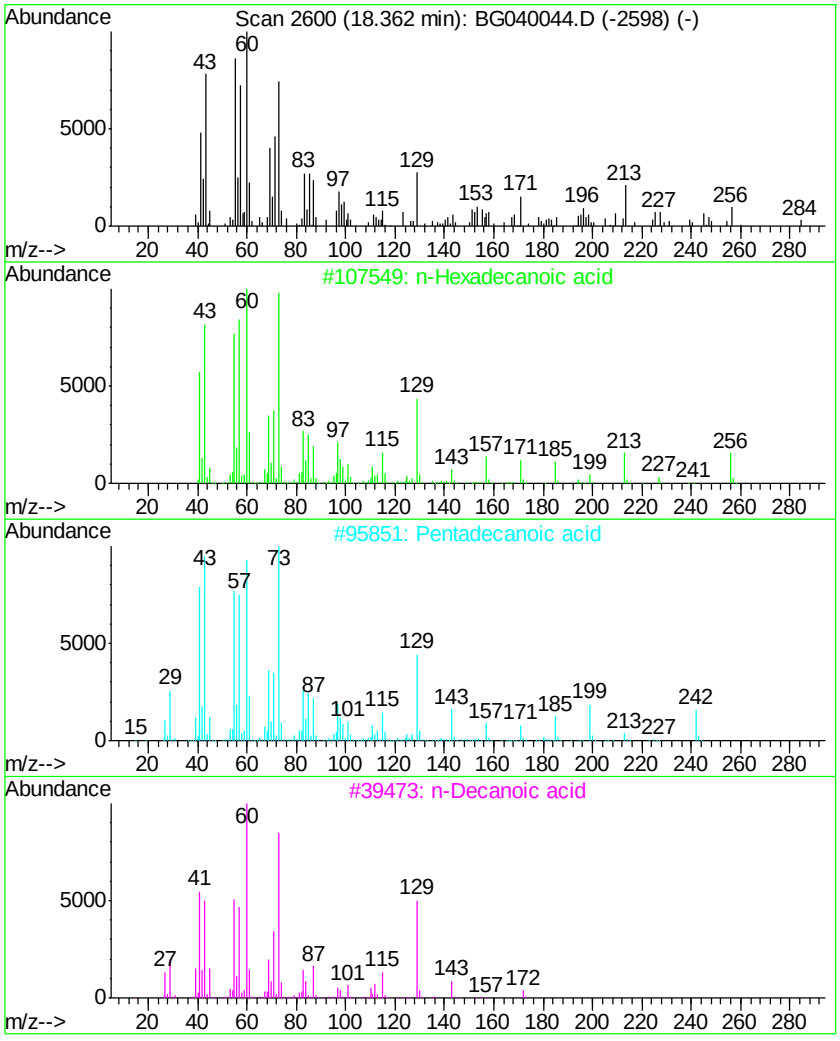
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

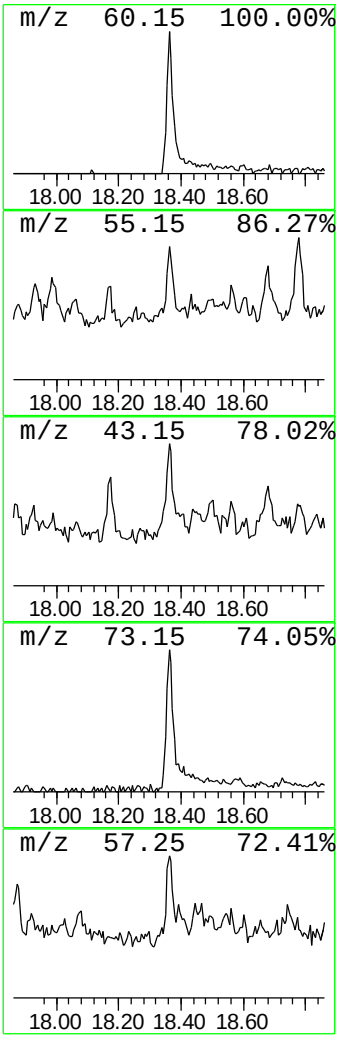
****

Peak Number 7 n-Hexadecanoic acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.36	3.19 ng	119716	Phenanthrene-d10	17.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	78
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	58
3	n-Decanoic acid	172	C10H20O2	000334-48-5	47
4	Pentadecane	212	C15H32	000629-62-9	25
5	Tetradecane	198	C14H30	000629-59-4	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032019\
Data File : BG040044.D
Acq On : 20 Mar 2019 20:24
Operator : JU/SJ
Sample : K1935-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-2(10-11)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

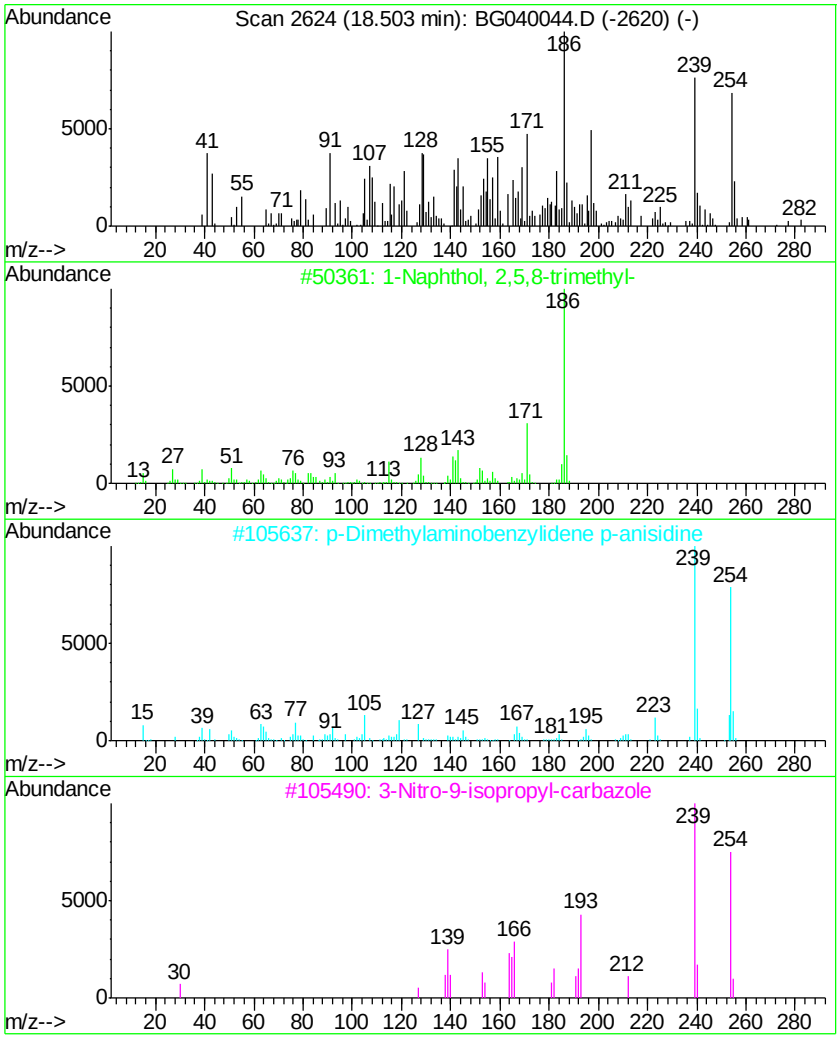
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

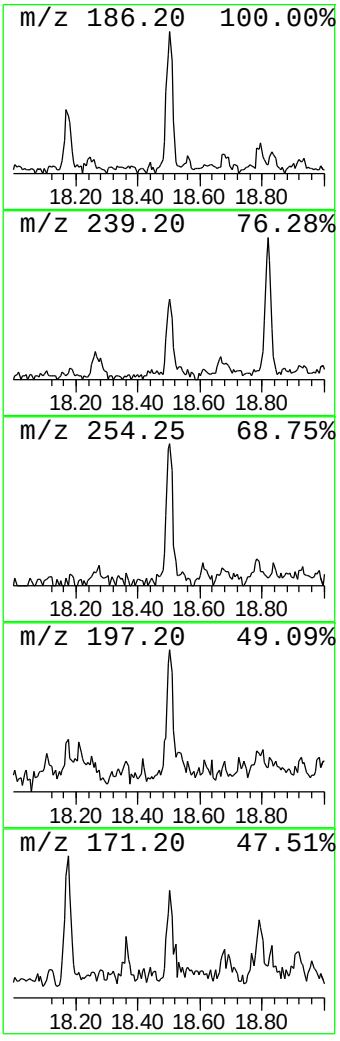
****

Peak Number 8 unknown18.50 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.50	4.52 ng	169746	Phenanthrene-d10	17.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthol, 2,5,8-trimethyl-	186	C13H14O	033583-02-7	47
2	p-Dimethylaminobenzylidene p-ani...	254	C16H18N2O	001749-04-8	42
3	3-Nitro-9-isopropyl-carbazole	254	C15H14N2O2	022130-02-5	38
4	Hydroquinone bis(trimethylsilyl)...	254	C12H22O2Si2	002117-24-0	30
5	Acetamide, N-(9-hydroxy-9H-fluor...	239	C15H13NO2	057229-41-1	30





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Acq On : 20 Mar 2019 20:24
Operator : JU/SJ
Sample : K1935-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-2(10-11)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.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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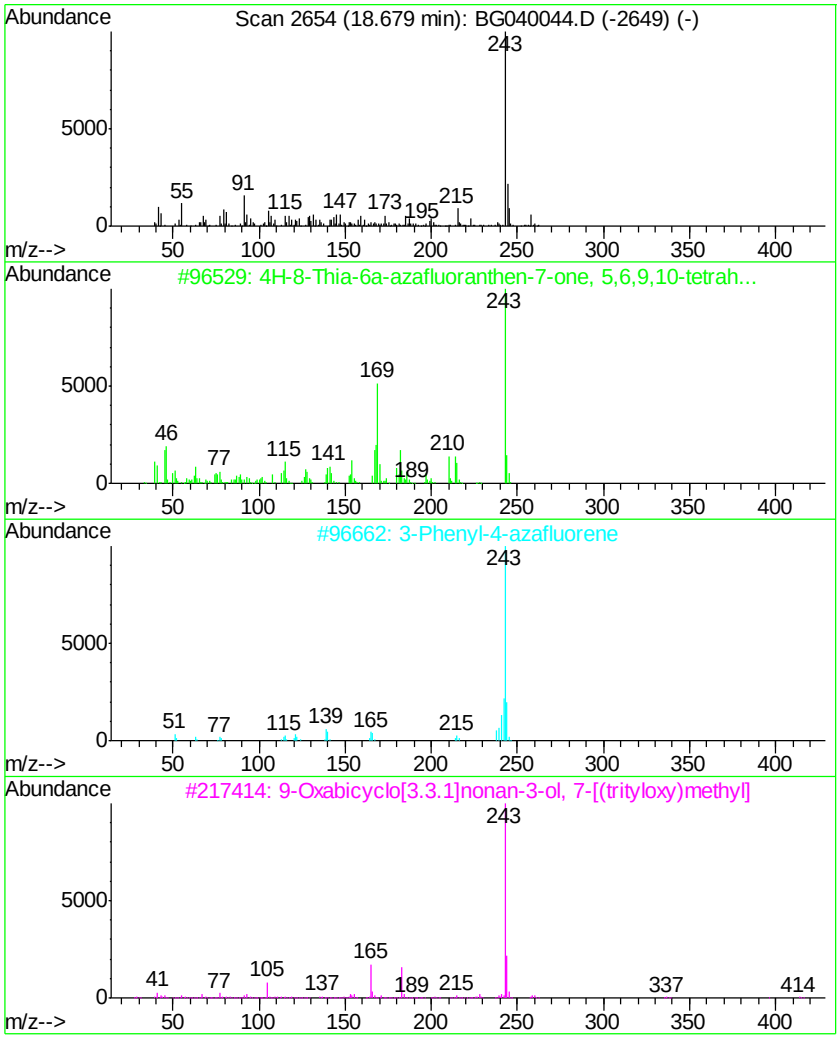
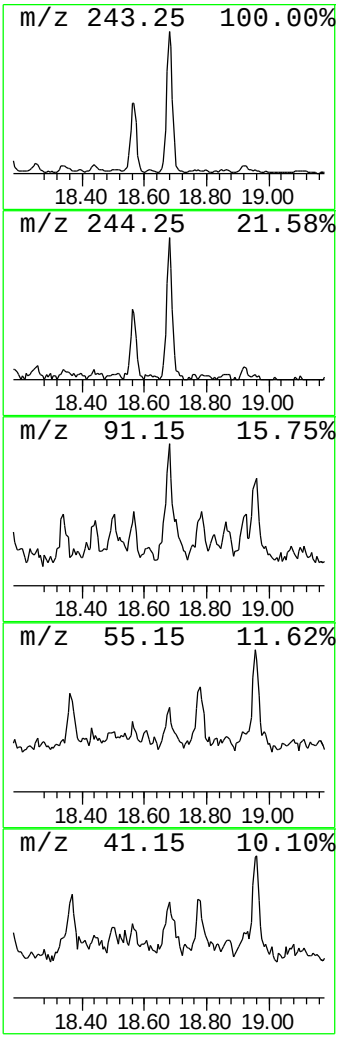
Peak Number 9 4H-8-Thia-6a-azafluoranthen... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.68	8.82 ng	331398	Phenanthrene-d10	17.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-8-Thia-6a-azafluoranthen-7-on...	243	C14H13NOS	1000310-09-0	72
2	3-Phenyl-4-azafluorene	243	C18H13N	033777-97-8	59
3	9-Oxabicyclo[3.3.1]nonan-3-ol, 7...	414	C28H30O3	1000197-53-9	59
4	9H-Carbazole, 9-phenyl-	243	C18H13N	001150-62-5	58
5	Pentanoic acid, tributylsilyl ester	300	C17H36O2Si	018547-64-3	56





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Sample : K1935-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-2(10-11)

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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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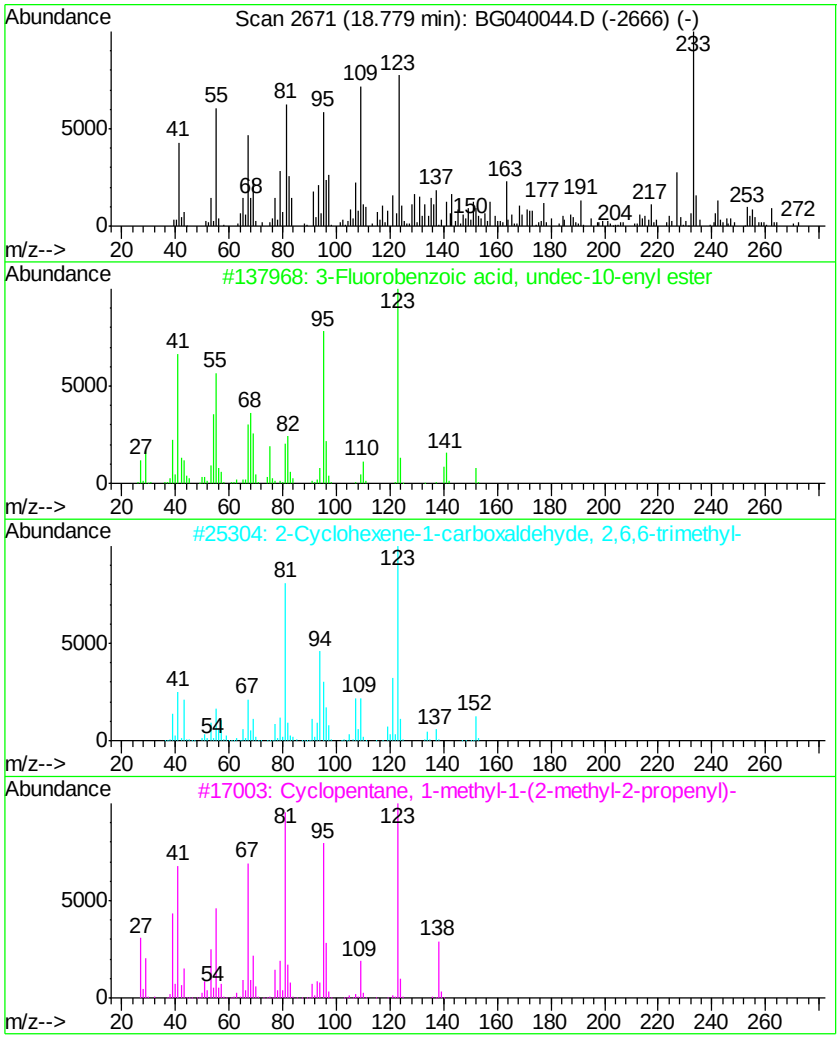
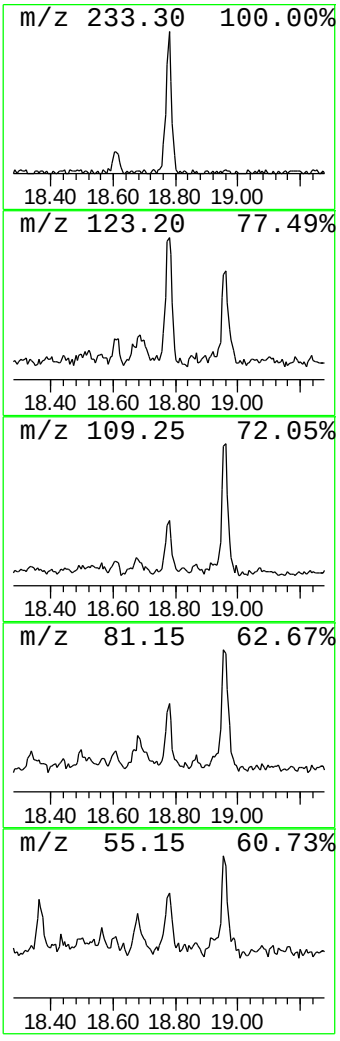
Peak Number 10 unknown18.78 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.78	7.25 ng	272255	Phenanthrene-d10	17.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Fluorobenzoic acid, undec-10-e...	292	C18H25FO2	1000279-01-2	30
2	2-Cyclohexene-1-carboxaldehyde, ...	152	C10H16O	000432-24-6	30
3	Cyclopentane, 1-methyl-1-(2-meth...	138	C10H18	074764-47-9	27
4	2-(4-Fluorophenyl)-1,1,1,3,3,3-h...	262	C9H5F7O	002402-74-6	27
5	Benzoic acid, 4-fluoro-, ethyl e...	168	C9H9FO2	000451-46-7	25





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-2(10-11)

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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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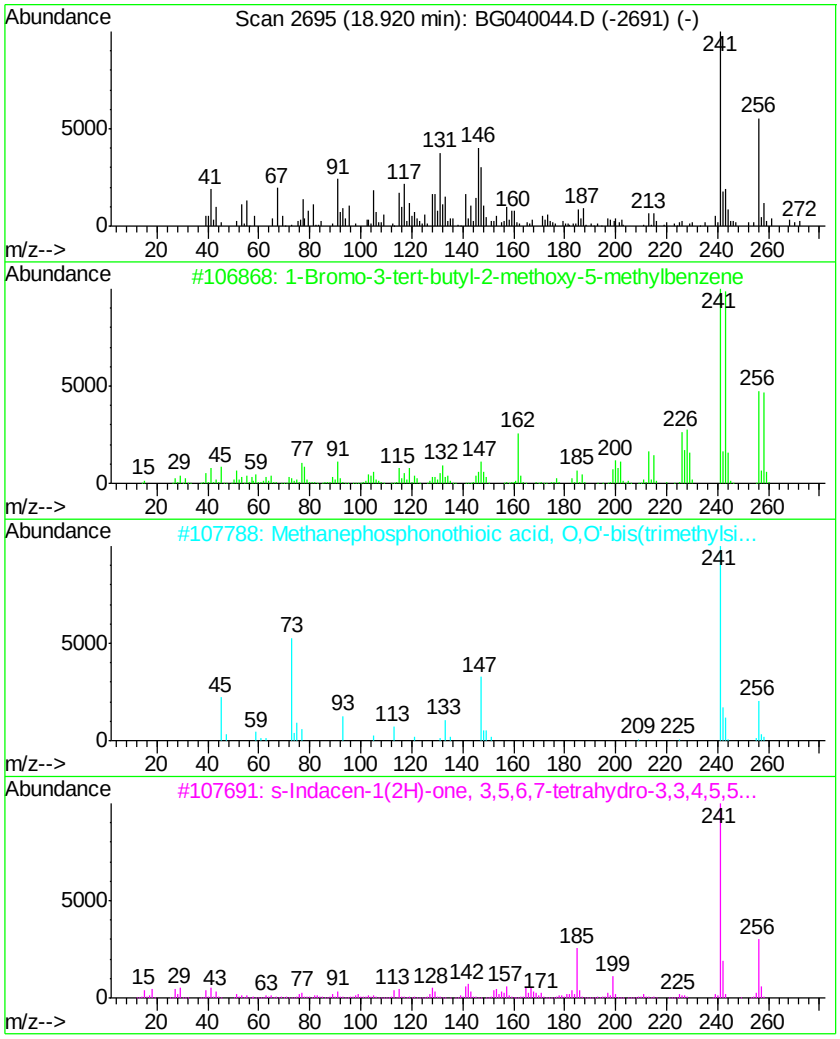
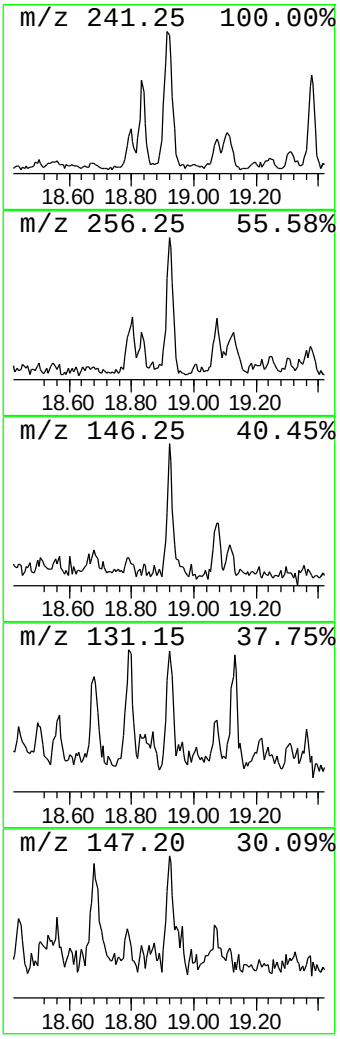
Peak Number 11 unknown18.92 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.92	3.65 ng	137106	Phenanthrene-d10	17.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Bromo-3-tert-butyl-2-methoxy-5...	256	C12H17BrO	117439-55-1	38
2	Methanephosphonothioic acid, O,O...	256	C7H21O2PSSi2	1000226-86-9	38
3	s-Indacen-1(2H)-one, 3,5,6,7-tet...	256	C18H24O	038754-94-8	38
4	1-Methyl-10,18-bisnorabieta-8,11...	256	C19H28	1000293-16-9	35
5	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	35





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Misc :
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Instrument : BNA_G
ClientSampleId : SB-2(10-11)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.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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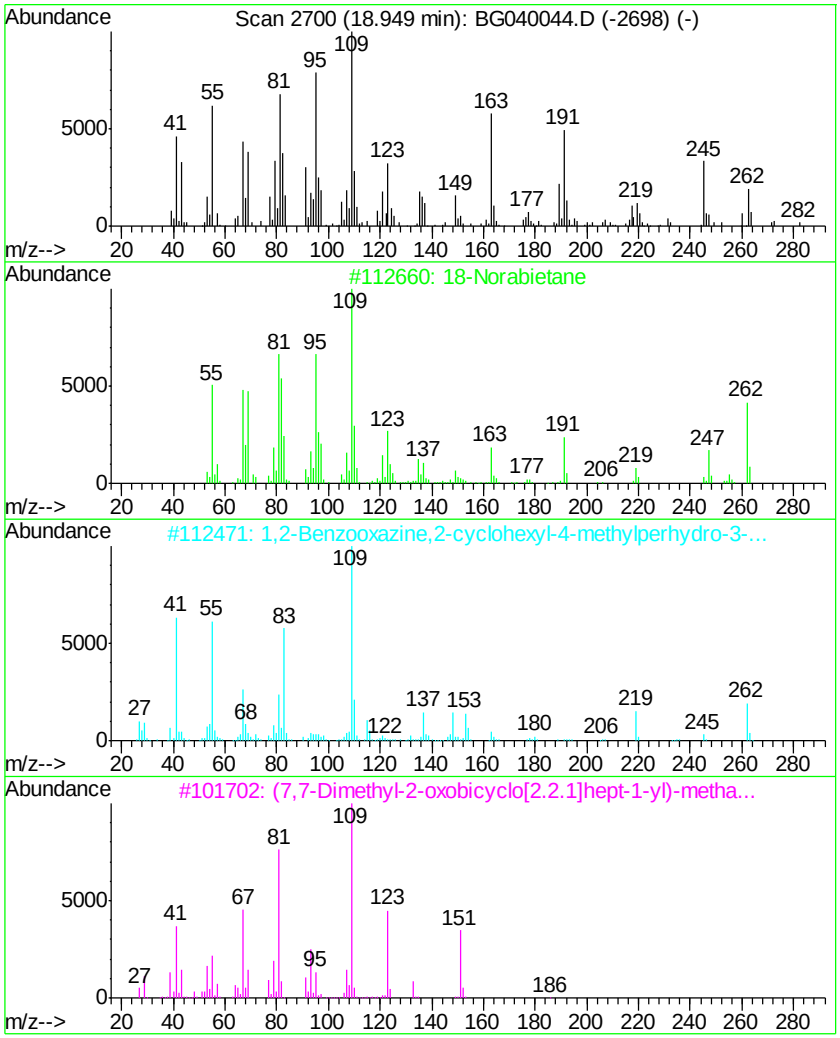
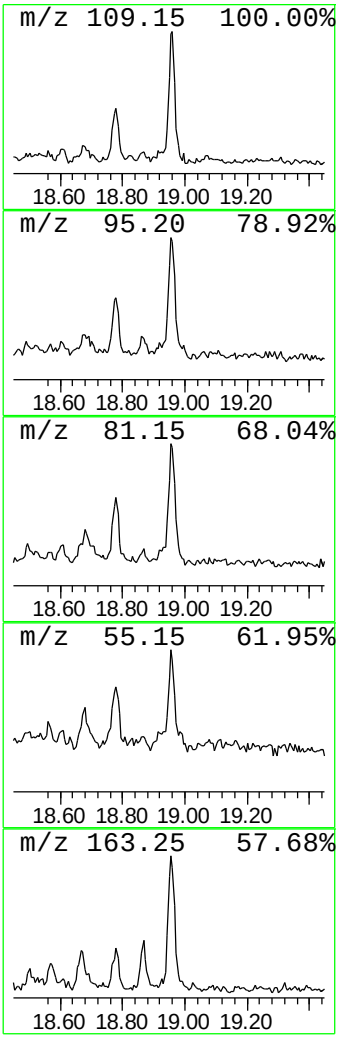
Peak Number 12 18-Norabietane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.95	10.41 ng	390852	Phenanthrene-d10	17.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	18-Norabietane	262	C19H34	1000293-16-6	86
2	1,2-Benzooxazine,2-cyclohexyl-4-...	262	C16H26N2O	037898-39-8	30
3	(7,7-Dimethyl-2-oxobicyclo[2.2.1...	250	C10H15ClO3S	1000194-76-1	27
4	1-(1-Butyny)cyclopentanol	138	C9H14O	1000342-86-5	27
5	Longipinane, (E)-	206	C15H26	1000156-14-5	25





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ALS Vial : 10 Sample Multiplier: 1

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ClientSampleId : SB-2(10-11)

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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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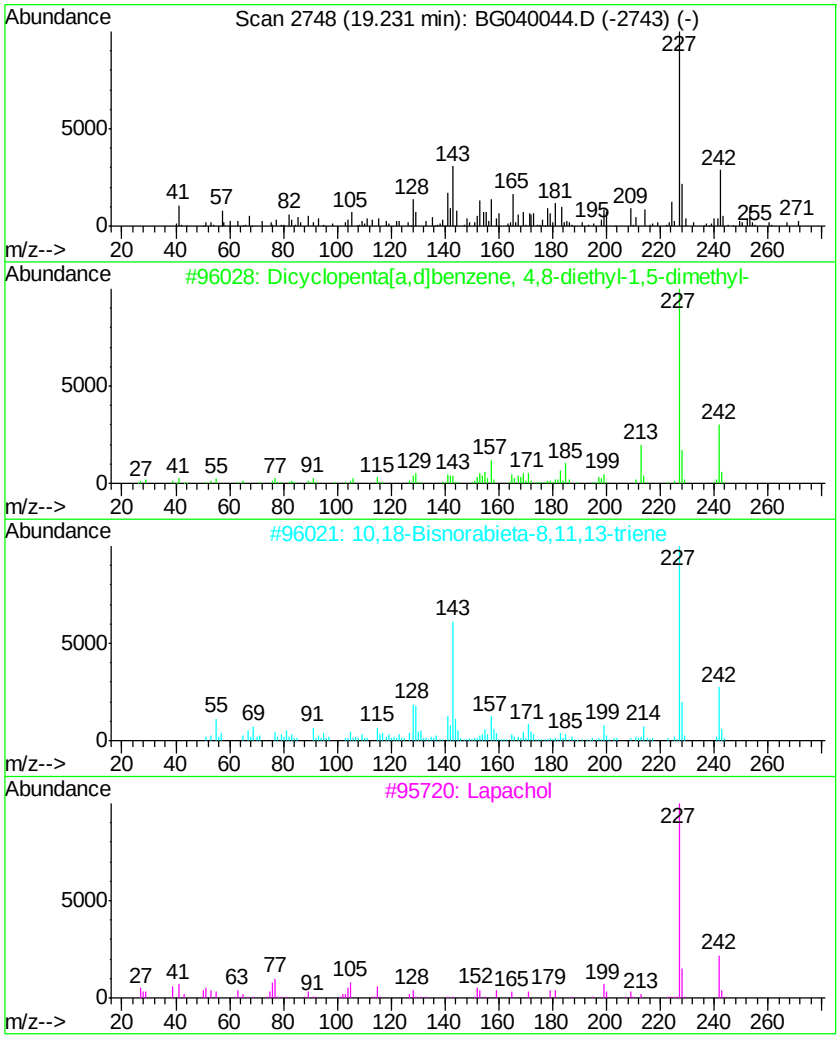
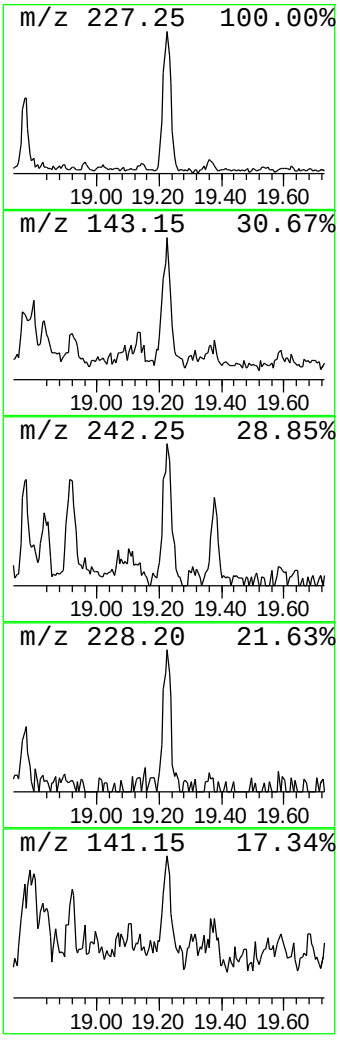
Peak Number 13 Dicyclopenta[a,d]benzene, 4... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.23	2.76 ng	103830	Phenanthrene-d10	17.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dicyclopenta[a,d]benzene, 4,8-di...	242	C18H26	1000156-41-6	58
2	10,18-Bisnorabieta-8,11,13-triene	242	C18H26	032624-67-2	53
3	Lapachol	242	C15H14O3	000084-79-7	53
4	2-(4'-Hydroxyphenyl)-2-(4'-metho...	242	C16H18O2	016530-58-8	47
5	s-Indacene-1,7-dione, 2,3,5,6-te...	242	C16H18O2	055591-17-8	47





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-2(10-11)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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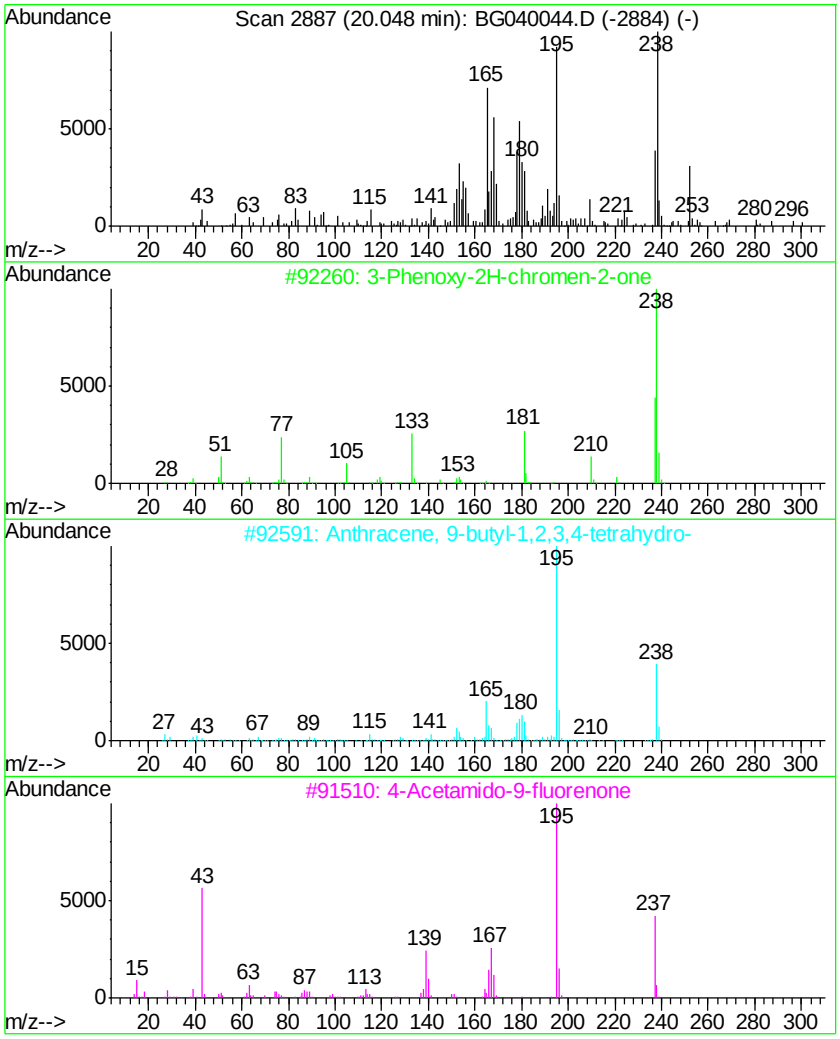
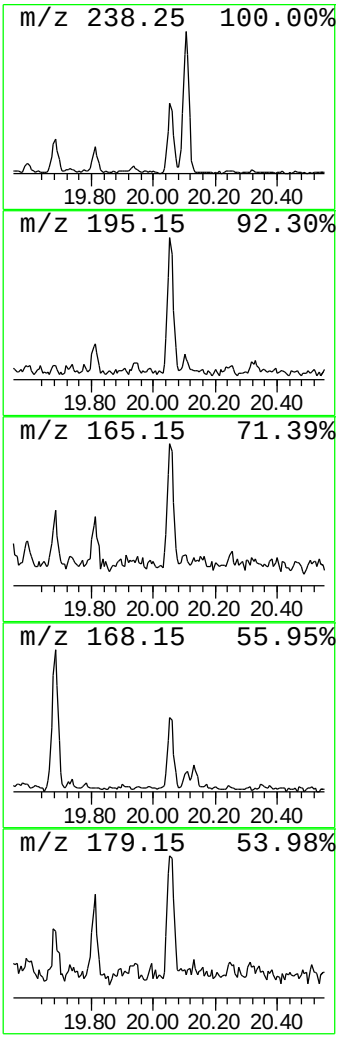
Peak Number 14 unknown20.05 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.05	3.54 ng	156865	Chrysene-d12	21.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenoxy-2H-chromen-2-one	238	C15H10O3	091787-19-8	38
2	Anthracene, 9-butyl-1,2,3,4-tetr...	238	C18H22	1000151-39-2	38
3	4-Acetamido-9-fluorenone	237	C15H11NO2	042135-35-3	30
4	Anthracene, 1,2,3,4-tetrahydro-9...	224	C17H20	101580-33-0	27
5	1-Hydroxy-4-methylanthraquinone	238	C15H10O3	039008-90-7	25





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Operator : JU/SJ
Sample : K1935-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-2(10-11)

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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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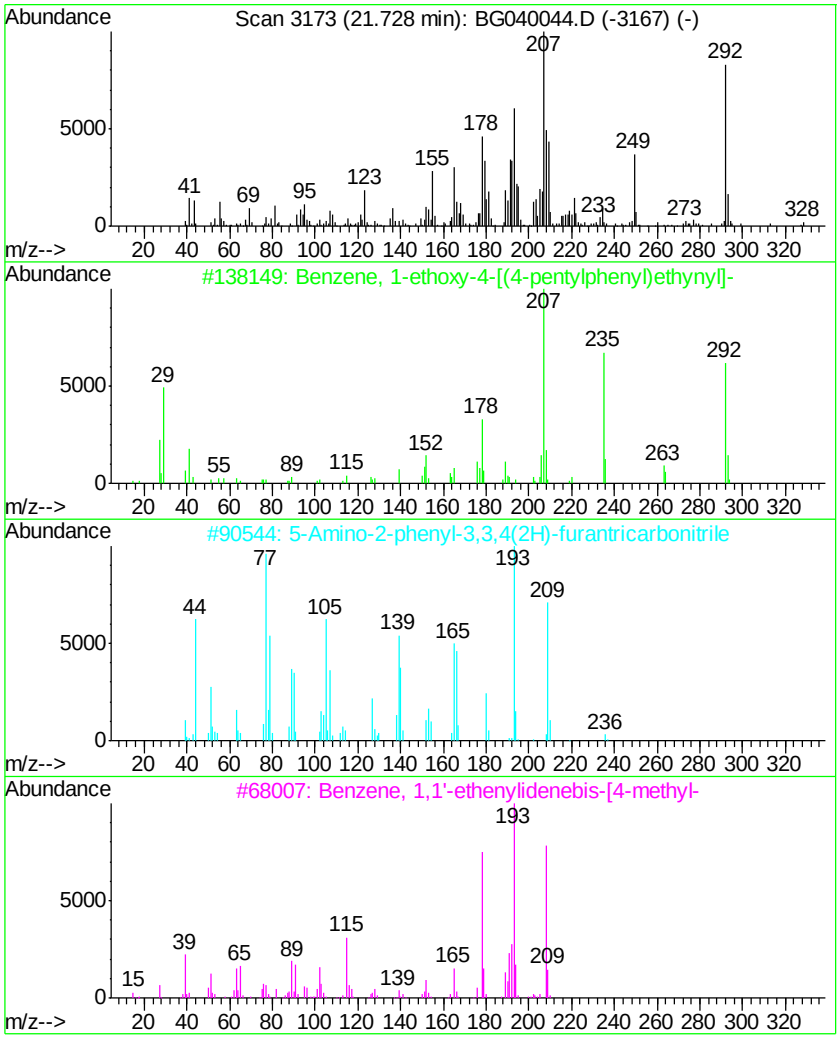
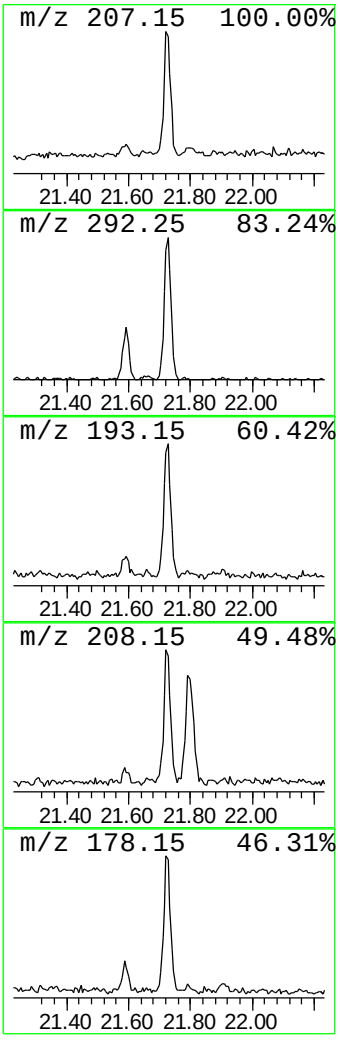
Peak Number 15 unknown21.73 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.73	7.92 ng	350693	Chrysene-d12	21.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethoxy-4-[(4-pentylph...	292	C21H24O	095480-29-8	49
2	5-Amino-2-phenyl-3,3,4(2H)-furan...	236	C13H8N4O	1000326-96-6	25
3	Benzene, 1,1'-ethenylidenebis-[4...	208	C16H16	002919-20-2	25
4	2-(4-Fluorophenyl)-5-methoxy-2H-...	292	C18H13FN2O	1000194-51-1	25
5	(O-Decylphenoxy)acetic acid	292	C18H28O3	014353-81-2	25





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ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-2(10-11)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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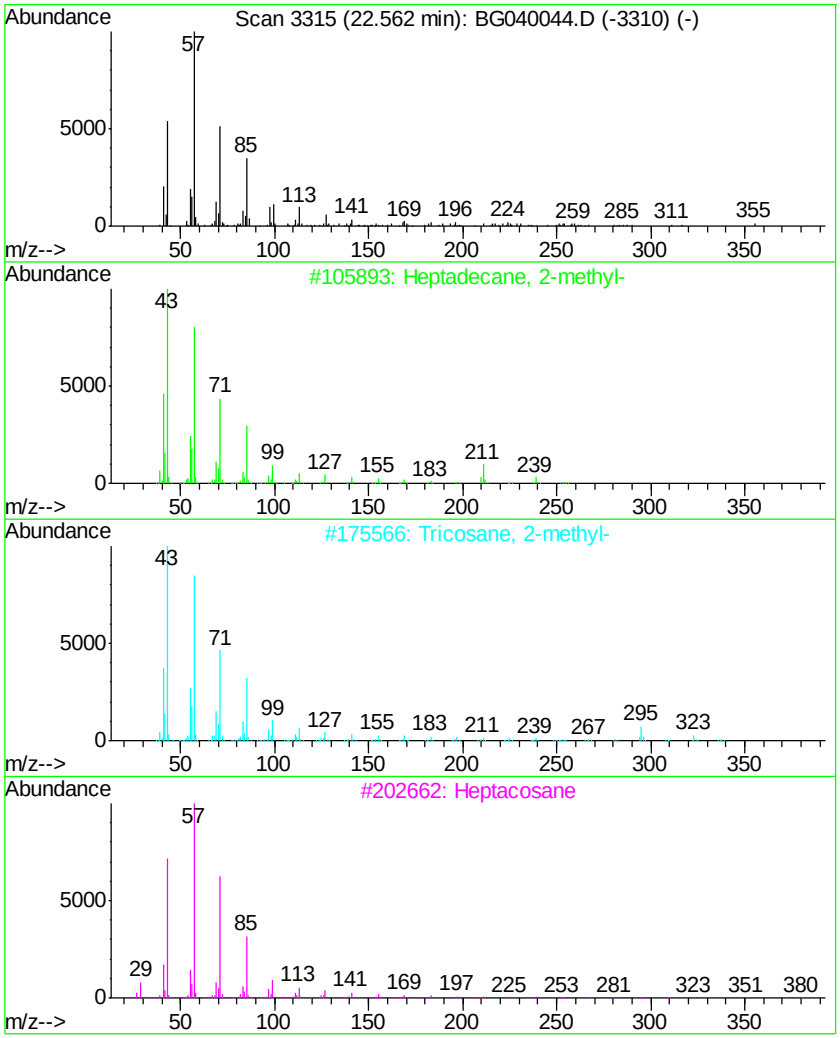
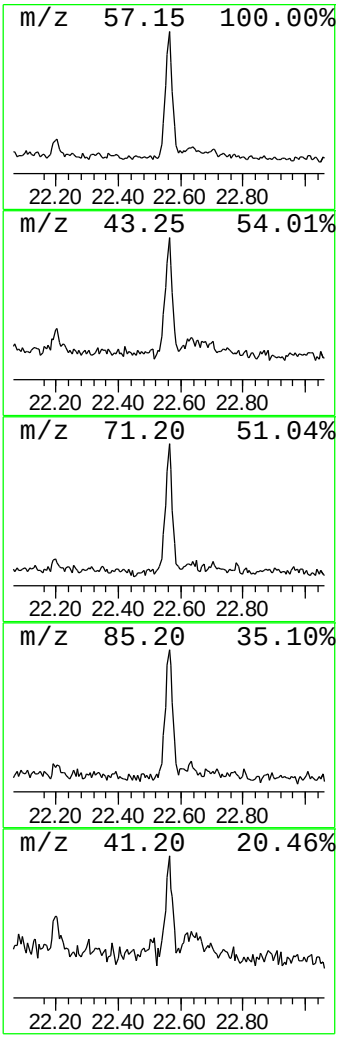
Peak Number 16 Heptadecane, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.56	2.94 ng	130106	Chrysene-d12	21.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	87
2	Tricosane, 2-methyl-	338	C24H50	001928-30-9	86
3	Heptacosane	380	C27H56	000593-49-7	83
4	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	81
5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	80





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Sample : K1935-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-2(10-11)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.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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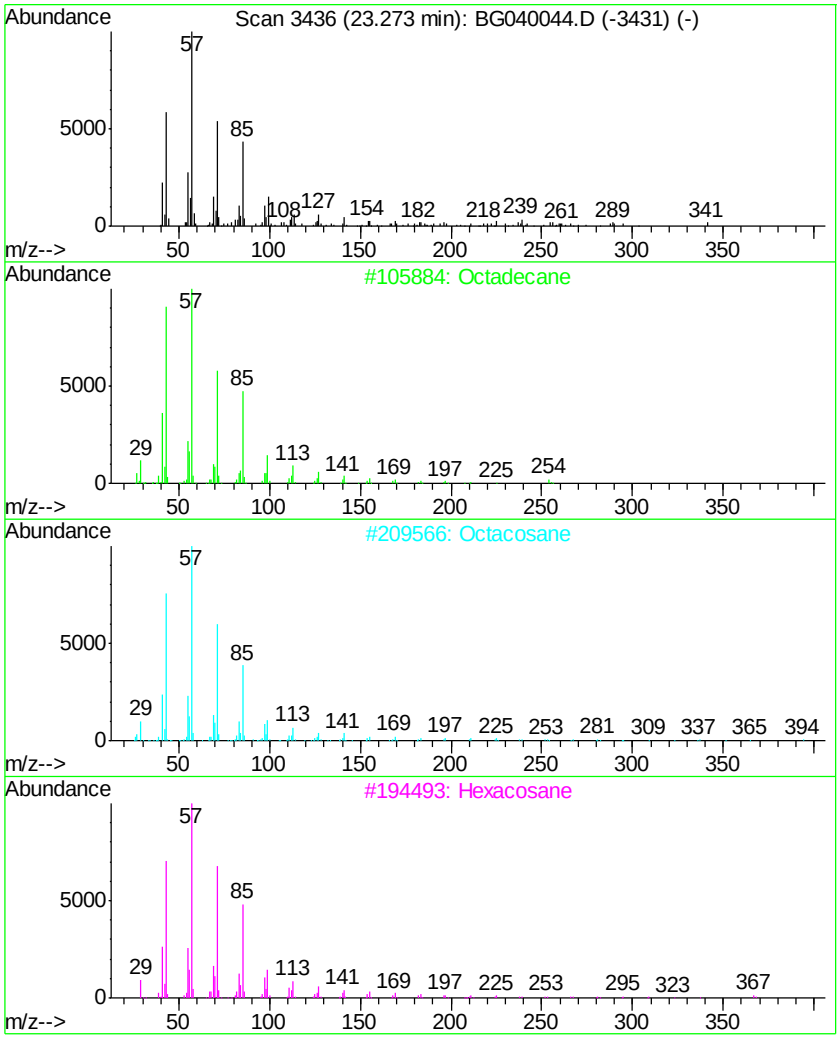
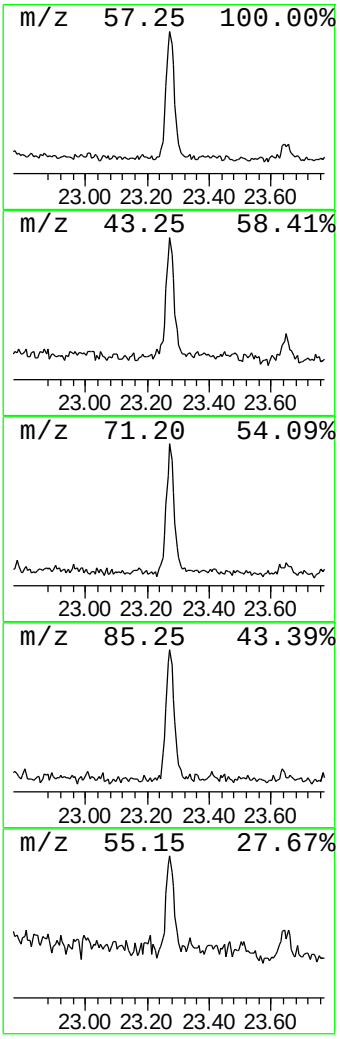
Peak Number 17 Octadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.27	3.62 ng	160509	Chrysene-d12	21.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	96
2	Octacosane	394	C28H58	000630-02-4	90
3	Hexacosane	366	C26H54	000630-01-3	90
4	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	87
5	Heptadecane	240	C17H36	000629-78-7	83





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Sample : K1935-08
Misc :
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Instrument : BNA_G
ClientSampleId : SB-2(10-11)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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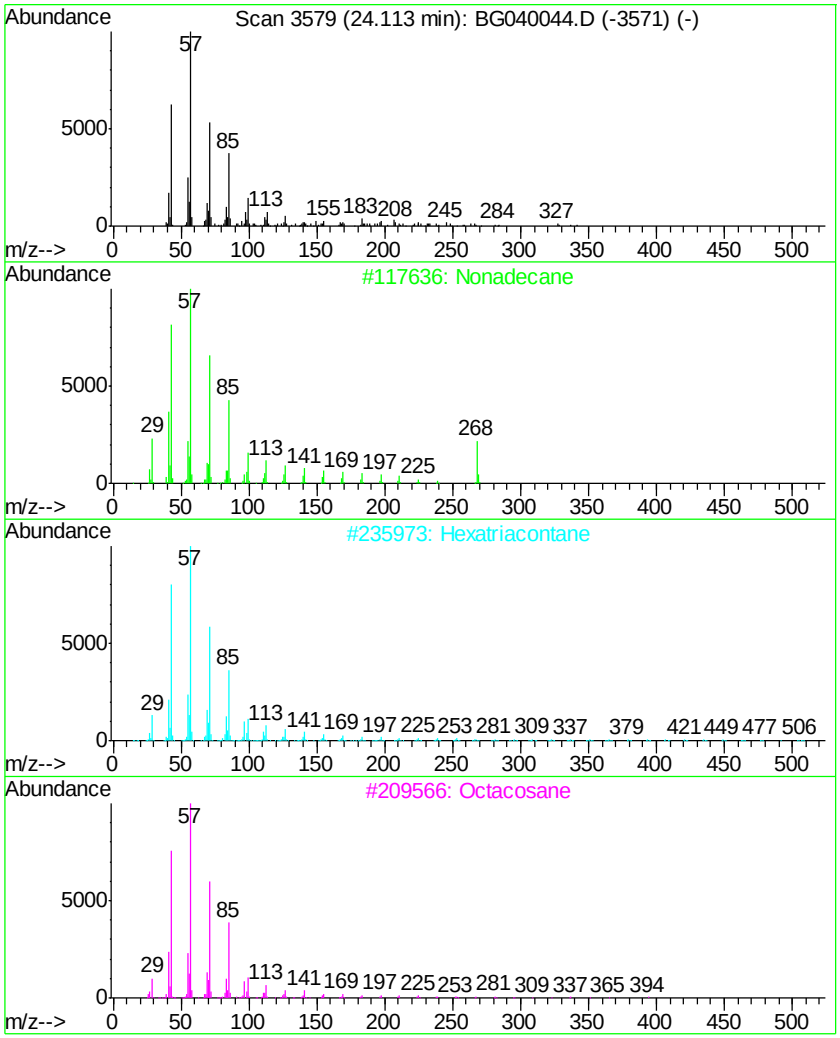
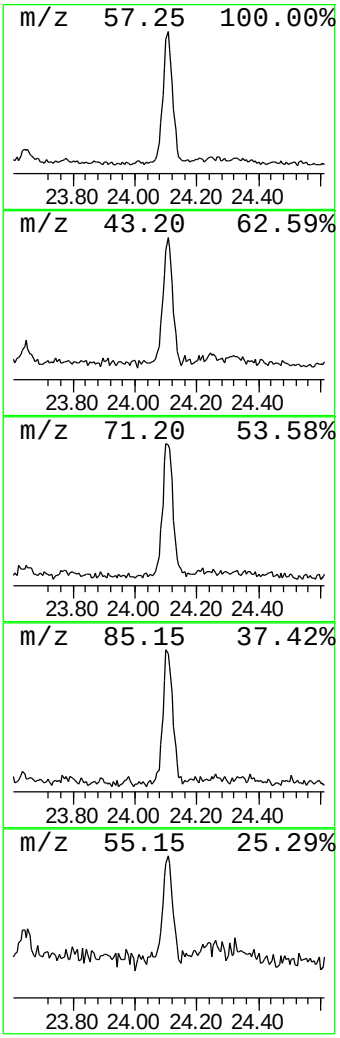
Peak Number 18 Nonadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.11	4.46 ng	204133	Perylene-d12	25.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	87
2	Hexatriacontane	507	C36H74	000630-06-8	87
3	Octacosane	394	C28H58	000630-02-4	87
4	Tridecane, 2-methyl-	198	C14H30	001560-96-9	87
5	Tetratetracontane	619	C44H90	007098-22-8	83





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ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-2(10-11)

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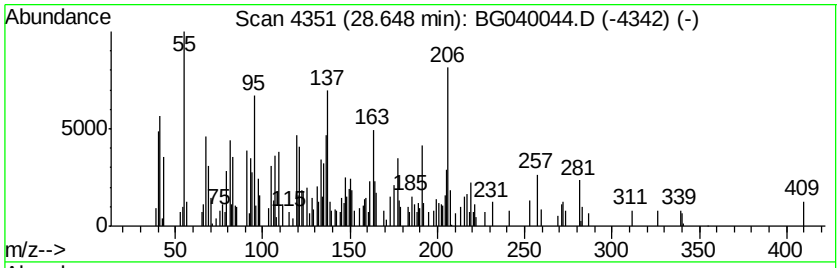
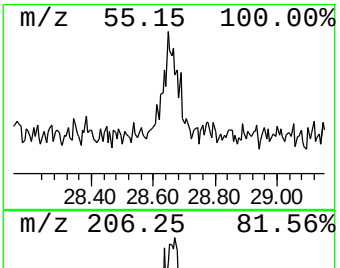
Peak Number 19 unknown28.65 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.65	4.96 ng	226713	Perylene-d12	25.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,5,9-Decatriene, 2,3,5,8-tetram...	192	C14H24	230646-72-7	49
2	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	44
3	Benzothieno[2,3-d]pyrimidin-4(3H...	206	C10H10N2OS	014346-24-8	30
4	Scoparone	206	C11H10O4	000120-08-1	30
5	1,4-Diphenyl-1,3-butadiene	206	C16H14	000886-65-7	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032019\
Data File : BG040044.D
Acq On : 20 Mar 2019 20:24
Operator : JU/SJ
Sample : K1935-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-2(10-11)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

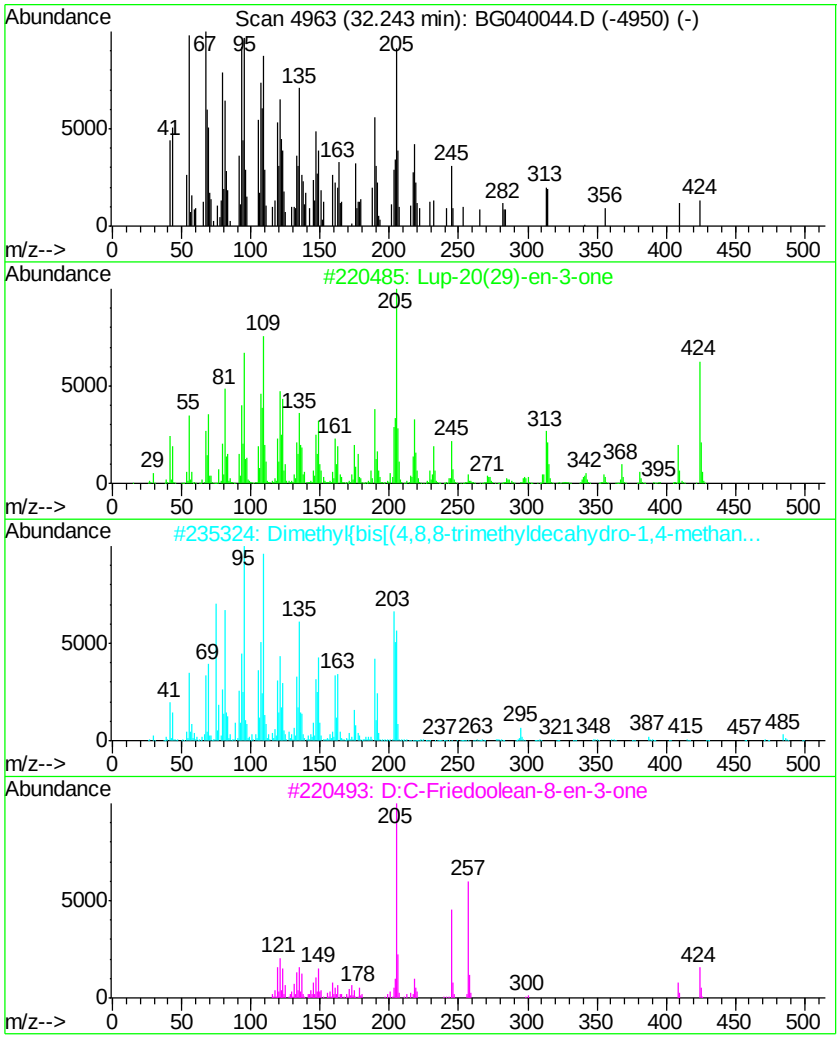
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

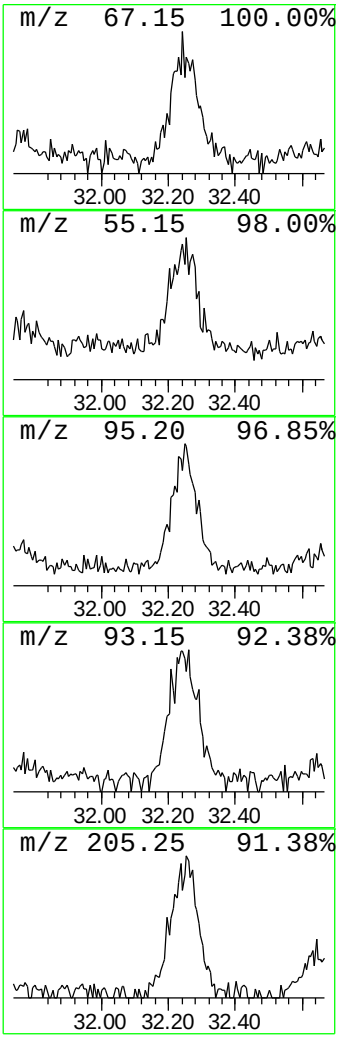
****

Peak Number 20 Lup-20(29)-en-3-one Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
32.24	3.20 ng	146247	Perylene-d12	25.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Lup-20(29)-en-3-one	424	C30H48O	001617-70-5	86
2	Dimethyl{bis[(4,8,8-trimethyldec...	500	C32H56O2Si	1000364-69-0	49
3	D:C-Friedoolean-8-en-3-one	424	C30H48O	022611-26-3	45
4	3,5-Dimethylcyclohex-1-ene-4-car...	138	C9H14O	006975-94-6	44
5	Longifolenaldehyde	220	C15H24O	019890-84-7	42





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032019\
Data File : BG040044.D
Acq On : 20 Mar 2019 20:24
Operator : JU/SJ
Sample : K1935-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-2(10-11)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.26	13.8	ng	222117	1	8.14	321658	20.0
unknown7.67	7.67	108.2	ng	1739520	1	8.14	321658	20.0
unknown17.93	17.93	3.4	ng	129205	4	17.52	751175	20.0
Naphthalene, 6-et...	18.17	8.8	ng	329953	4	17.52	751175	20.0
n-Hexadecanoic acid	18.36	3.2	ng	119716	4	17.52	751175	20.0
unknown18.50	18.50	4.5	ng	169746	4	17.52	751175	20.0
4H-8-Thia-6a-azaf...	18.68	8.8	ng	331398	4	17.52	751175	20.0
unknown18.78	18.78	7.3	ng	272255	4	17.52	751175	20.0
unknown18.92	18.92	3.6	ng	137106	4	17.52	751175	20.0
18-Norabietane	18.95	10.4	ng	390852	4	17.52	751175	20.0
Dicyclopenta[a,d]...	19.23	2.8	ng	103830	4	17.52	751175	20.0
unknown20.05	20.05	3.5	ng	156865	5	21.80	886070	20.0
unknown21.73	21.73	7.9	ng	350693	5	21.80	886070	20.0
Heptadecane, 2-me...	22.56	2.9	ng	130106	5	21.80	886070	20.0
Octadecane	23.27	3.6	ng	160509	5	21.80	886070	20.0
Nonadecane	24.11	4.5	ng	204133	6	25.15	914550	20.0
unknown28.65	28.65	5.0	ng	226713	6	25.15	914550	20.0
Lup-20(29)-en-3-one	32.24	3.2	ng	146247	6	25.15	914550	20.0