LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082119\
Data File : BG042394.D
Acq On : 21 Aug 2019 21:55
Operator : HP/JU
Sample : K4413-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TMW-02

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-BG081919.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	3.123	3	6	30	rVB	1330591	2419166	47.84%	6.848%
2	5.568	415	422	441	rVB	142183	268327	5.31%	0.760%
3	7.177	687	696	713	rVB2	101934	235830	4.66%	0.668%
4	7.542	751	758	772	rVB	359484	655350	12.96%	1.855%
5	8.006	830	837	854	rBV	202462	395348	7.82%	1.119%
6	8.282	874	884	886	rBV	34699	56687	1.12%	0.160%
7	8.335	886	893	899	rVV	810194	1454605	28.76%	4.117%
8	9.128	1021	1028	1030	rBV2	36411	64466	1.27%	0.182%
9	9.175	1030	1036	1047	rVB	601418	1119409	22.13%	3.169%
10	10.227	1208	1215	1222	rVB3	85821	166977	3.30%	0.473%
11	10.726	1295	1300	1307	rVV5	30600	83123	1.64%	0.235%
12	10.826	1307	1317	1332	rVV	298467	762349	15.07%	2.158%
13	10.944	1332	1337	1339	rVV2	33378	56684	1.12%	0.160%
14	10.979	1340	1343	1351	rVB4	40017	79176	1.57%	0.224%
15	11.414	1409	1417	1422	rBV5	32071	86880	1.72%	0.246%
16	11.566	1436	1443	1449	rBV	53111	103697	2.05%	0.294%
17	11.749	1468	1474	1481	rVB4	31191	65856	1.30%	0.186%
18	11.942	1502	1507	1513	rVB4	43377	84077	1.66%	0.238%
19	12.031	1516	1522	1530	rVV7	30904	75767	1.50%	0.214%
20	12.213	1548	1553	1561	rVB5	48421	130247	2.58%	0.369%
21	12.489	1591	1600	1605	rVV4	80833	206529	4.08%	0.585%
22	12.618	1618	1622	1629	rVB3	61918	103182	2.04%	0.292%
23	12.706	1629	1637	1642	rBV3	154483	308283	6.10%	0.873%
24	12.883	1661	1667	1672	rBV2	48063	90774	1.79%	0.257%
25	13.076	1694	1700	1703	rBV8	32826	63828	1.26%	0.181%
26	13.206	1719	1722	1727	rVB3	37350	53302	1.05%	0.151%
27	13.288	1729	1736	1742	rBV	2147914	3394064	67.11%	9.607%
28	13.488	1760	1770	1771	rBV7	34876	98290	1.94%	0.278%
29	13.693	1801	1805	1808	rBV2	63084	99726	1.97%	0.282%
30	13.823	1818	1827	1838	rBV6	133692	503760	9.96%	1.426%
31	13.917	1839	1843	1847	rVV3	93599	182979	3.62%	0.518%
32	13.987	1850	1855	1860	rVV	170116	326340	6.45%	0.924%
33	14.040	1860	1864	1871	rVV5	96527	171666	3.39%	0.486%
34	14.111	1871	1876	1880	rVV	288022	395721	7.82%	1.120%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082119\
Data File : BG042394.D
Acq On : 21 Aug 2019 21:55
Operator : HP/JU
Sample : K4413-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TMW-02

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-BG081919.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.222	1893	1895	1898	rVB	68287	68409	1.35%	0.194%
36	14.616	1957	1962	1963	rBV3	71323	108049	2.14%	0.306%
37	14.663	1965	1970	1976	rVV	552860	994974	19.67%	2.816%
38	14.727	1977	1981	1986	rVB	288680	459437	9.08%	1.300%
39	15.062	2035	2038	2043	rBV2	65683	95077	1.88%	0.269%
40	15.121	2045	2048	2054	rVB4	82986	181517	3.59%	0.514%
41	15.180	2054	2058	2061	rBV3	87363	137221	2.71%	0.388%
42	15.338	2082	2085	2090	rVB4	96762	135702	2.68%	0.384%
43	15.744	2151	2154	2161	rVB	336052	518105	10.24%	1.467%
44	15.838	2167	2170	2174	rBV3	96225	128701	2.54%	0.364%
45	16.161	2219	2225	2230	rBV	934348	1436540	28.41%	4.066%
46	17.418	2434	2439	2443	rBV2	702242	1157266	22.88%	3.276%
47	17.460	2443	2446	2453	rVB	706109	1002054	19.81%	2.836%
48	17.554	2458	2462	2466	rVB	204342	298509	5.90%	0.845%
49	17.824	2505	2508	2513	rVB	87899	121382	2.40%	0.344%
50	18.300	2586	2589	2590	rBV	74975	87260	1.73%	0.247%
51	18.323	2590	2593	2595	rBV2	134998	158565	3.14%	0.449%
52	18.494	2617	2622	2626	rBV2	121284	219617	4.34%	0.622%
53	19.475	2784	2789	2794	rVB	532682	767498	15.18%	2.172%
54	19.810	2842	2846	2847	rBV2	149204	198474	3.92%	0.562%
55	19.833	2847	2850	2858	rVB	413491	650674	12.87%	1.842%
56	20.033	2878	2884	2890	rBV	3670863	5057304	100.00%	14.315%
57	20.333	2932	2935	2941	rVB2	170448	220688	4.36%	0.625%
58	20.826	3016	3019	3024	rVB2	201967	247841	4.90%	0.702%
59	21.343	3103	3107	3120	rVB	336058	527876	10.44%	1.494%
60	21.696	3160	3167	3172	rBV4	657358	1233997	24.40%	3.493%
61	21.890	3196	3200	3206	rVB	308737	454160	8.98%	1.286%
62	22.507	3300	3305	3311	rVB	326135	532605	10.53%	1.508%
63	23.206	3418	3424	3432	rVB	366948	705948	13.96%	1.998%
64	24.017	3557	3562	3572	rVB	306127	693005	13.70%	1.962%
65	24.951	3711	3721	3740	rVB3	401369	1822573	36.04%	5.159%
66	26.132	3914	3922	3933	rVB2	180257	545613	10.79%	1.544%

Sum of corrected areas: 35329106

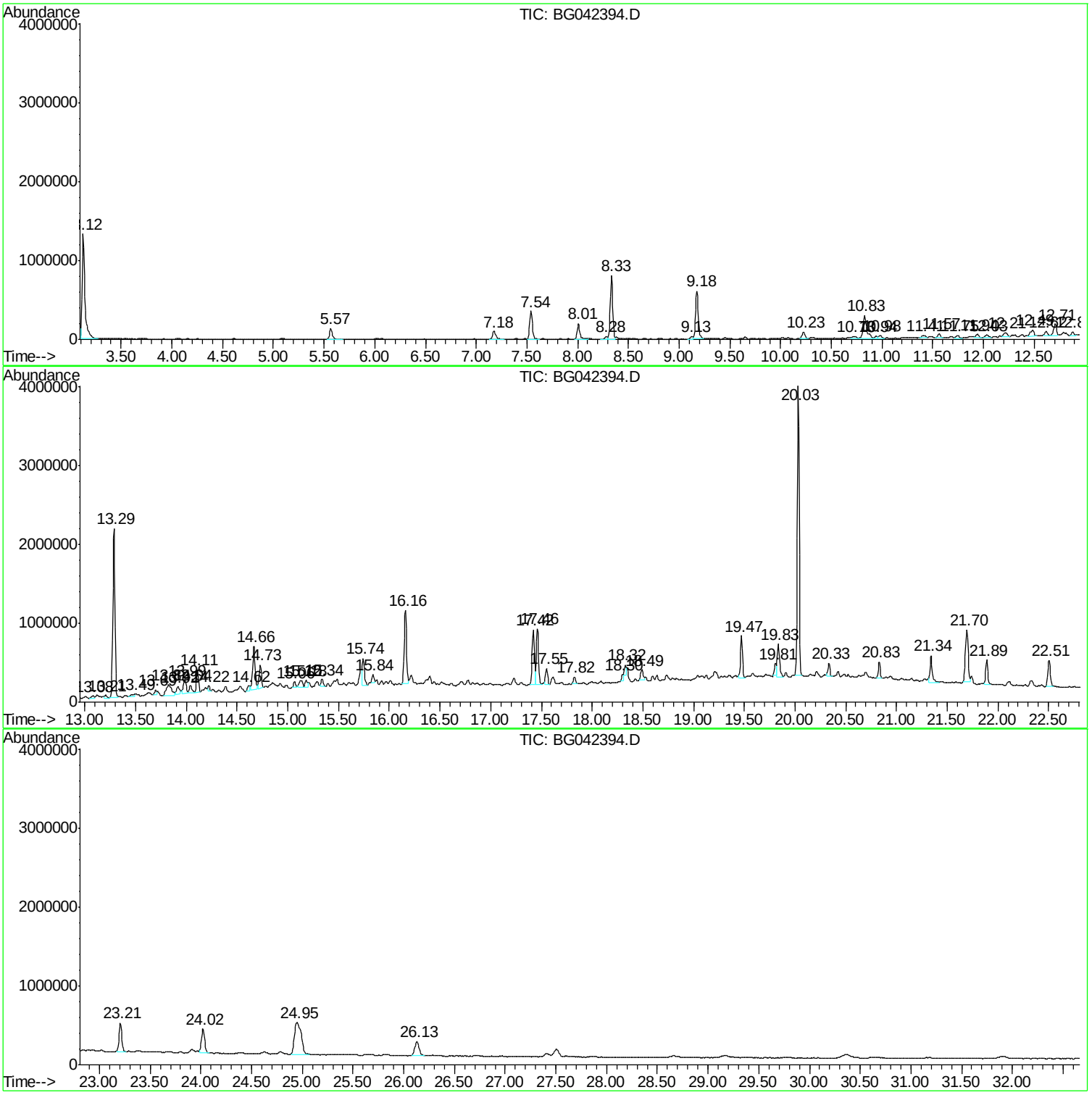
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082119\
Data File : BG042394.D
Acq On : 21 Aug 2019 21:55
Operator : HP/JU
Sample : K4413-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TMW-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG081919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082119\
Data File : BG042394.D
Acq On : 21 Aug 2019 21:55
Operator : HP/JU
Sample : K4413-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TMW-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG081919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

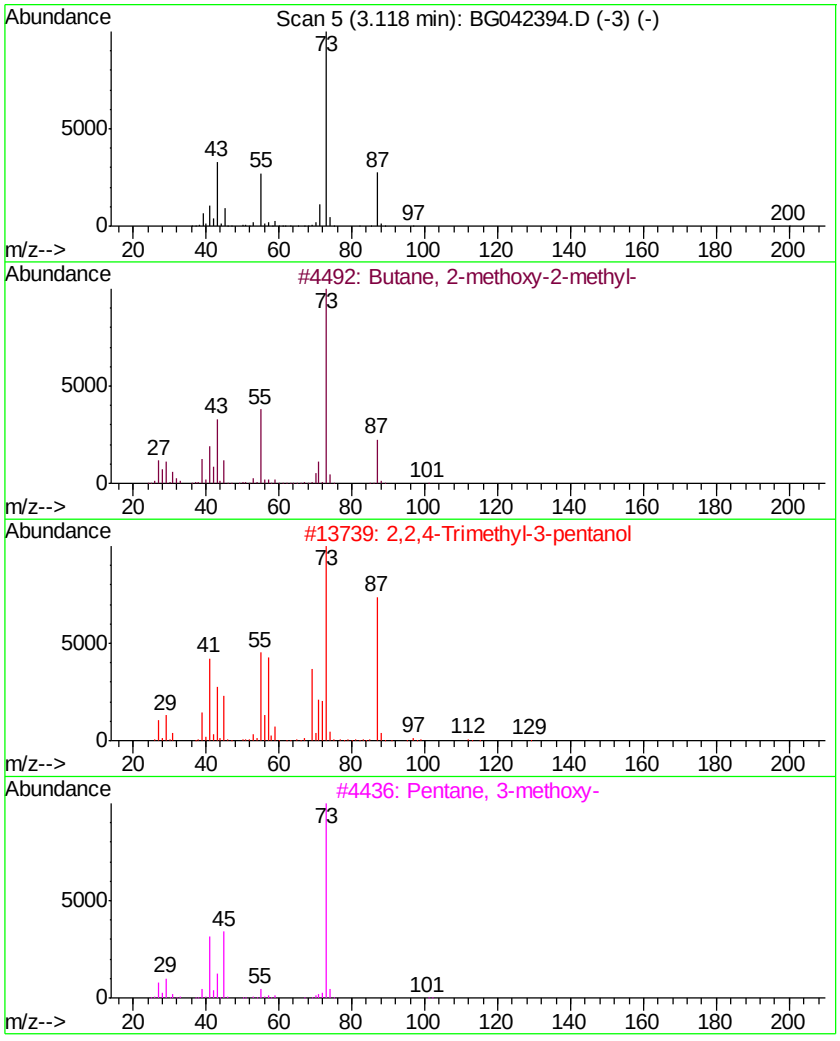
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

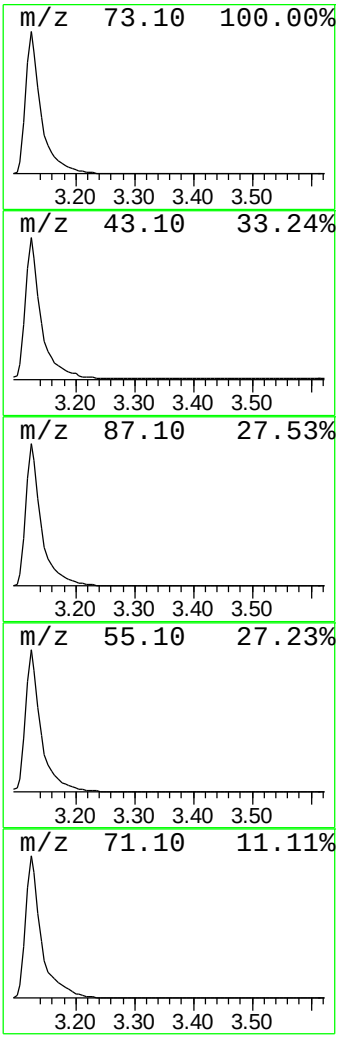
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.12	122.38 ng	2419170	1,4-Dichlorobenzene-d4	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082119\
Data File : BG042394.D
Acq On : 21 Aug 2019 21:55
Operator : HP/JU
Sample : K4413-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TMW-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG081919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

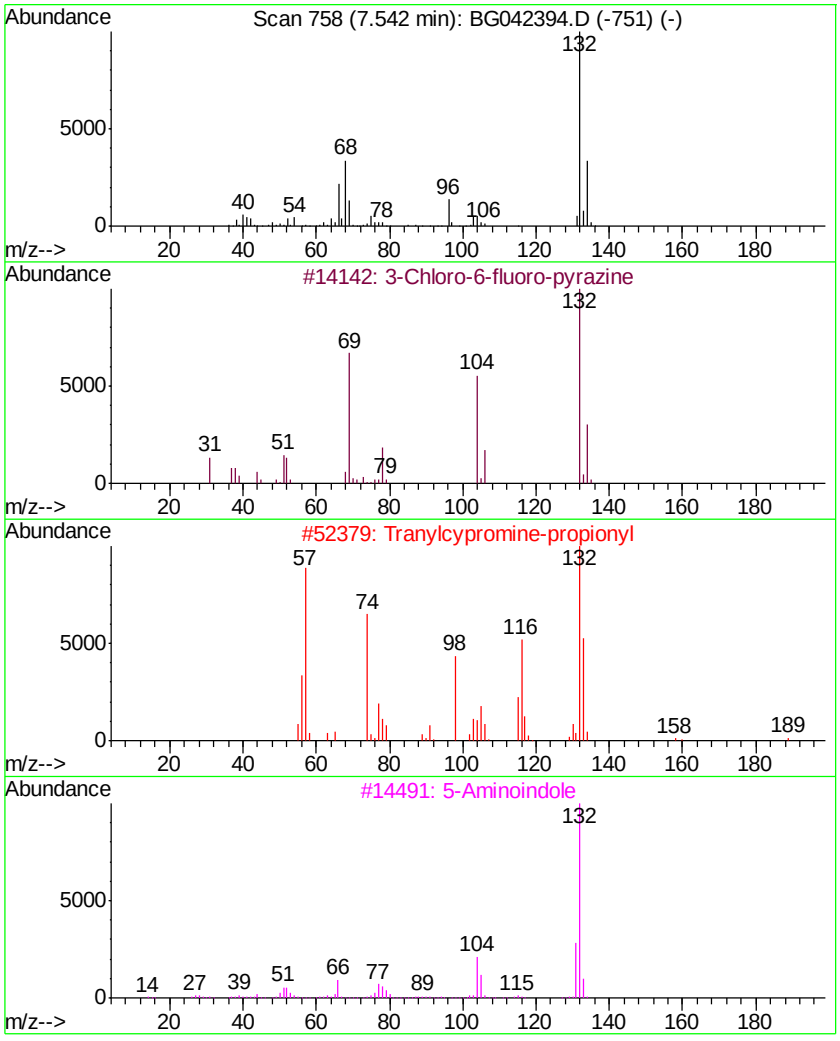
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

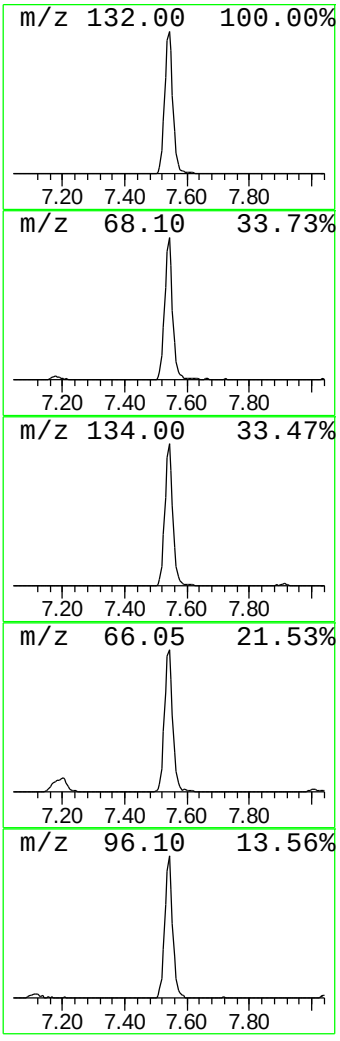
****

Peak Number 2 unknown7.54 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.54	33.15 ng	655350	1,4-Dichlorobenzene-d4	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
3	5-Aminoindole	132	C8H8N2	005192-03-0	16
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082119\
Data File : BG042394.D
Acq On : 21 Aug 2019 21:55
Operator : HP/JU
Sample : K4413-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TMW-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG081919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

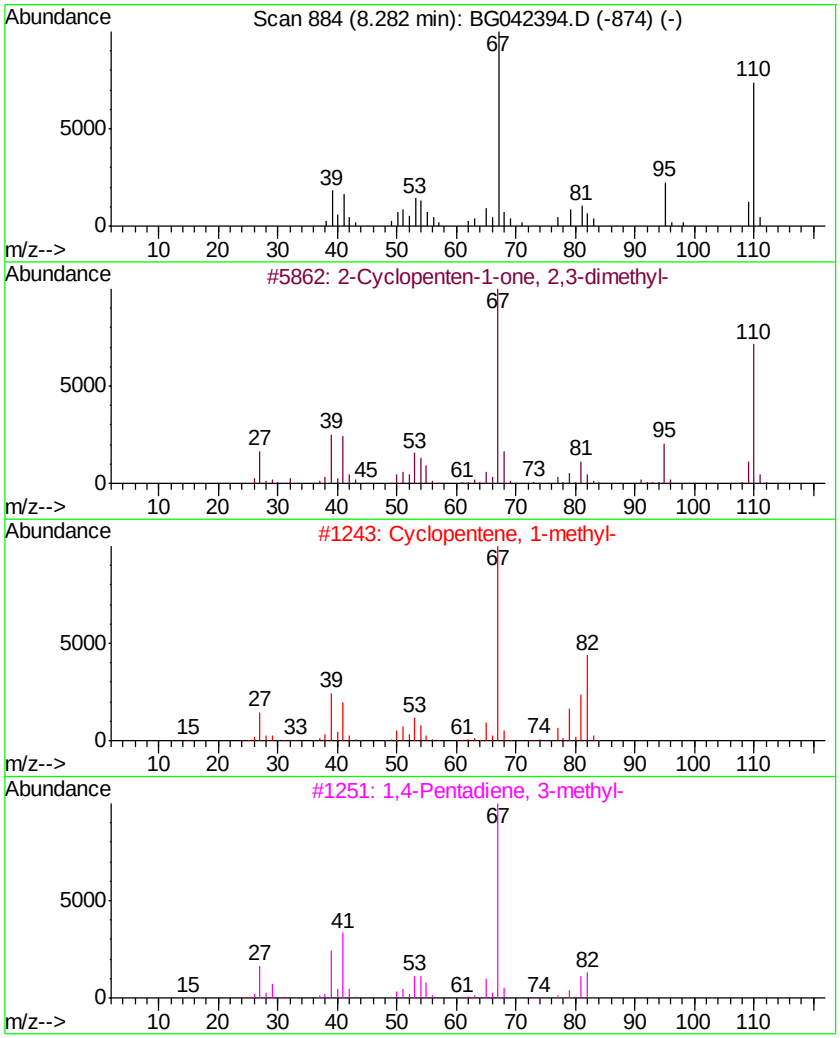
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

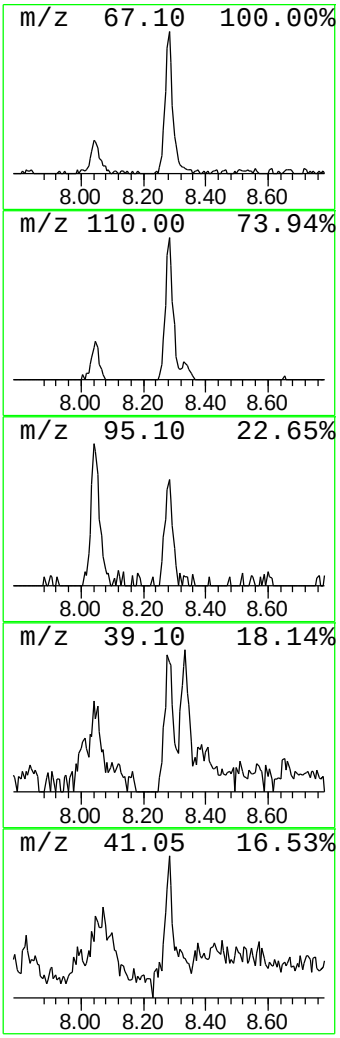
****

Peak Number 3 2-Cyclopenten-1-one, 2,3-di... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.28	2.87 ng	56687	1,4-Dichlorobenzene-d4	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclopenten-1-one, 2,3-dimethyl-	110	C7H10O	001121-05-7	94
2	Cyclopentene, 1-methyl-	82	C6H10	000693-89-0	45
3	1,4-Pentadiene, 3-methyl-	82	C6H10	001115-08-8	45
4	1,4-Pentadiene, 2-methyl-	82	C6H10	000763-30-4	43
5	4-Methyl-1,3-pentadiene	82	C6H10	000926-56-7	41





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082119\
Data File : BG042394.D
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Sample : K4413-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TMW-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG081919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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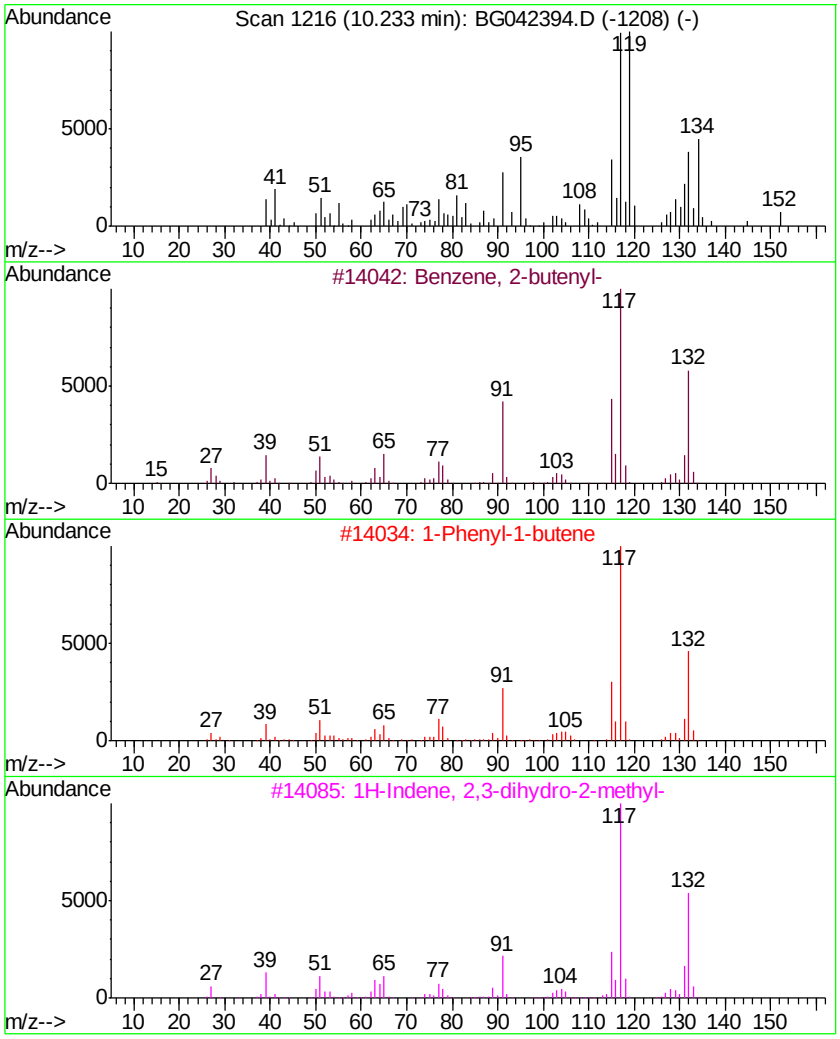
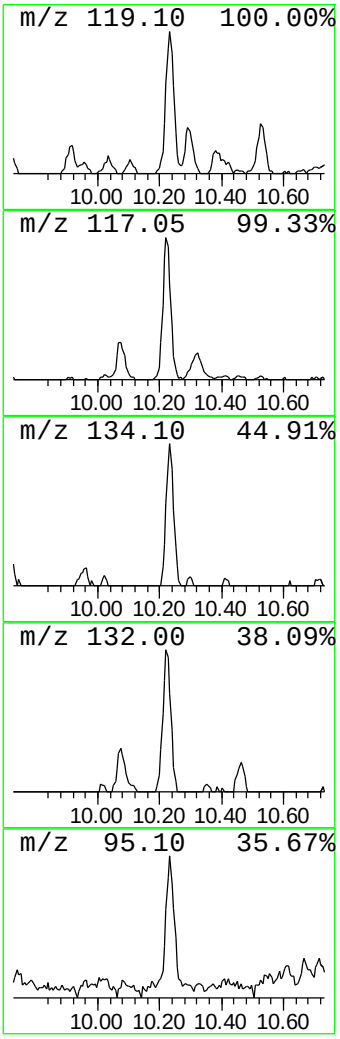
****

Peak Number 5 Benzene, 2-butenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.23	4.38 ng	166977	Naphthalene-d8	10.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-butenyl-	132	C10H12	001560-06-1	50
2	1-Phenyl-1-butene	132	C10H12	000824-90-8	50
3	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	50
4	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	46
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	45





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082119\
Data File : BG042394.D
Acq On : 21 Aug 2019 21:55
Operator : HP/JU
Sample : K4413-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TMW-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG081919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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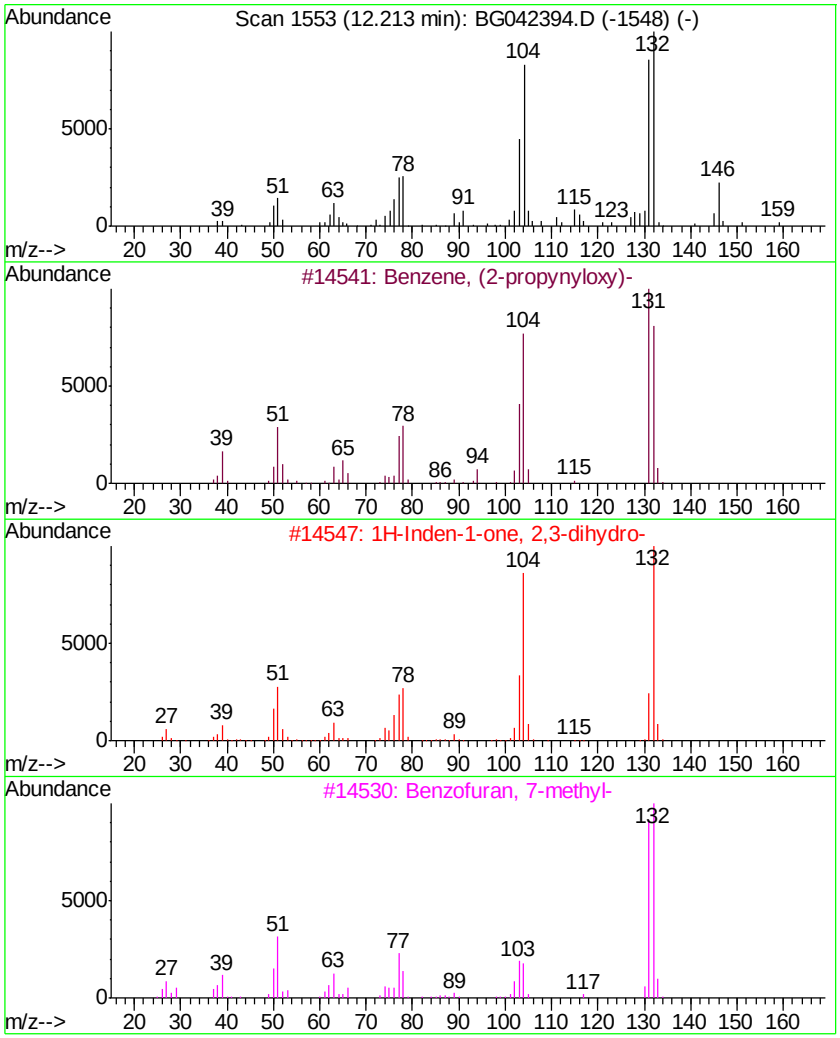
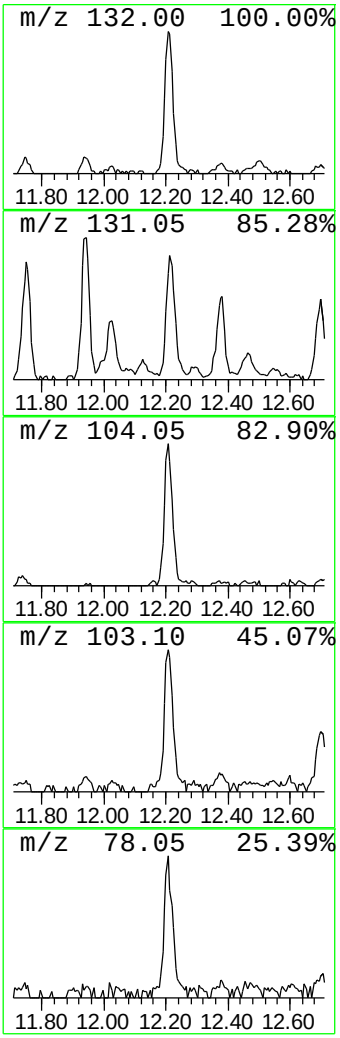
****

Peak Number 6 Benzene, (2-propynyloxy)- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.21	3.42 ng	130247	Naphthalene-d8	10.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-propynyloxy)-	132	C9H8O	013610-02-1	90
2	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	89
3	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	58
4	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	58
5	1H-Indazole, 7-methyl-	132	C8H8N2	1000316-00-7	49





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082119\
Data File : BG042394.D
Acq On : 21 Aug 2019 21:55
Operator : HP/JU
Sample : K4413-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TMW-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG081919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

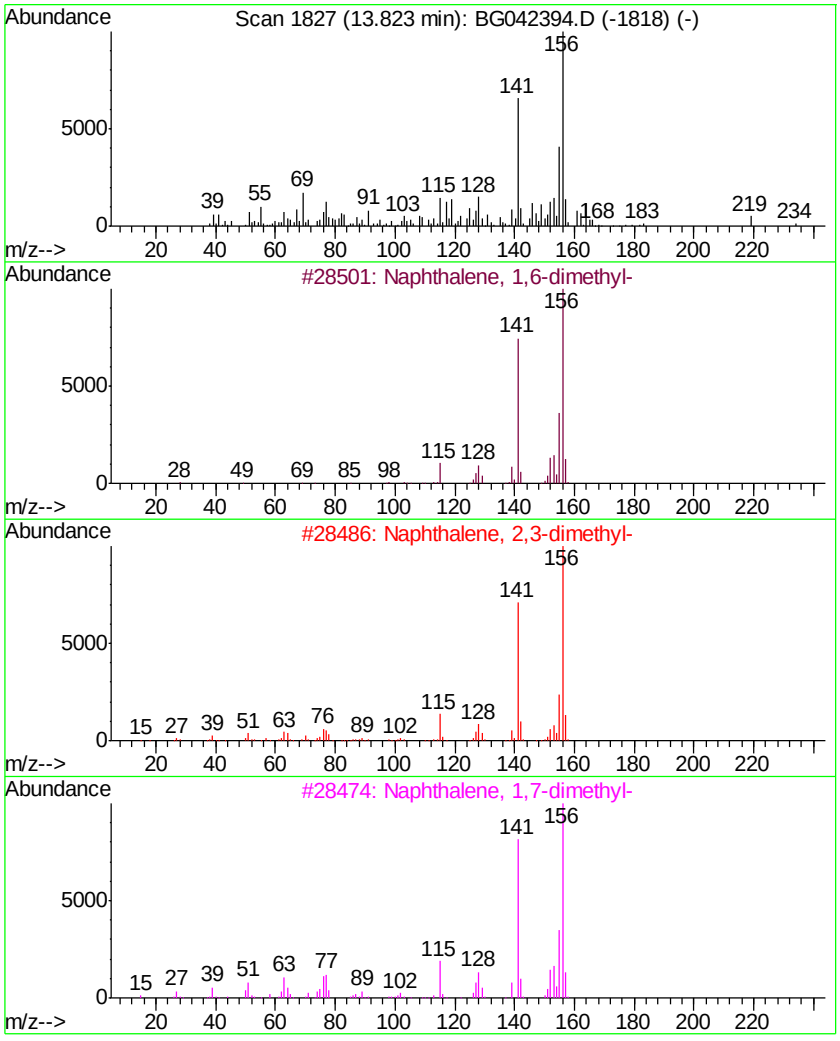
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

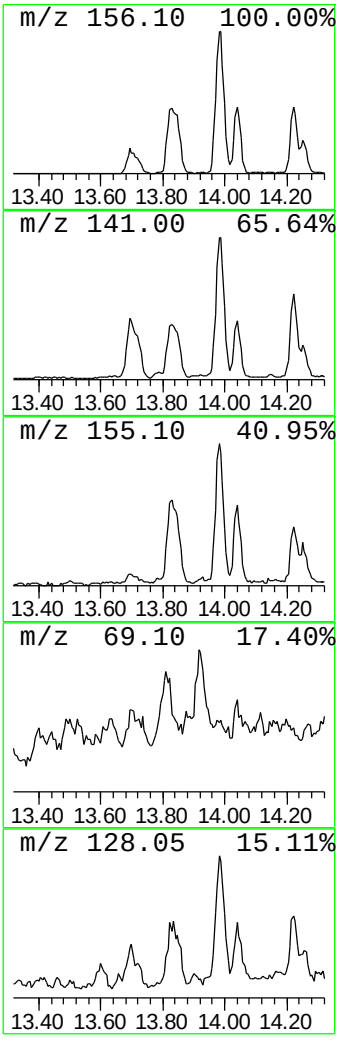
****

Peak Number 7 Naphthalene, 2,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	10.13 ng	503760	Acenaphthene-d10	14.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	94
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082119\
Data File : BG042394.D
Acq On : 21 Aug 2019 21:55
Operator : HP/JU
Sample : K4413-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TMW-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG081919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

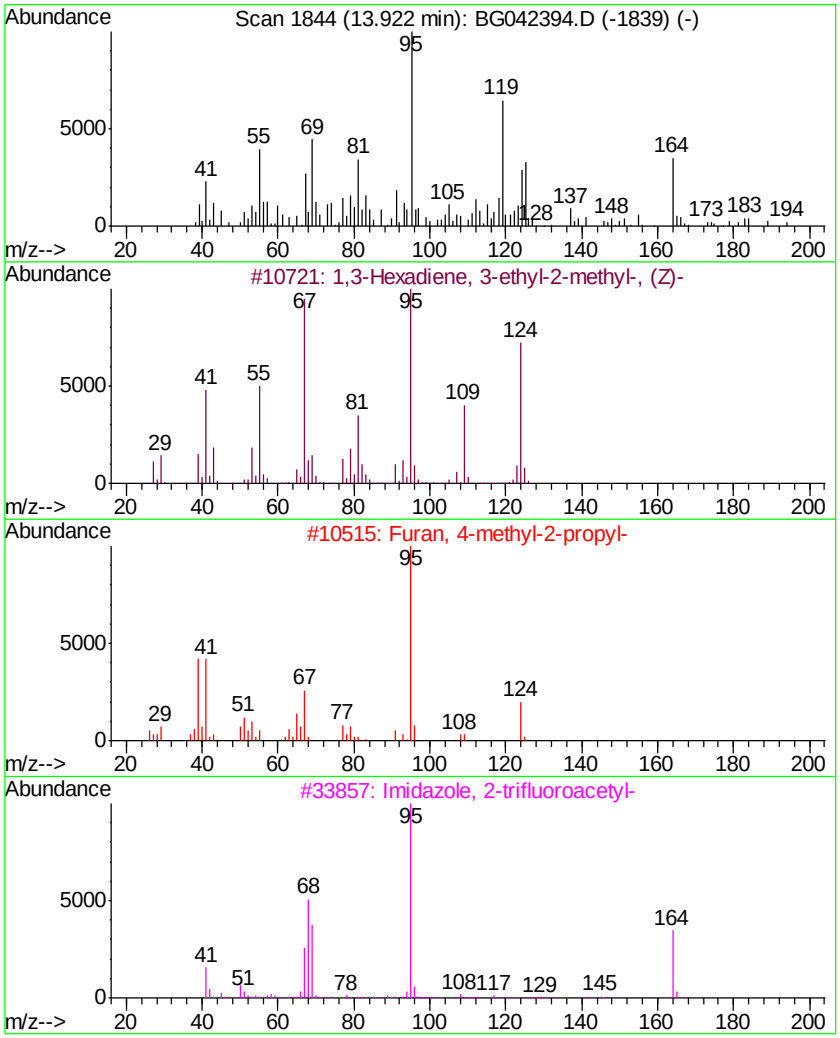
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

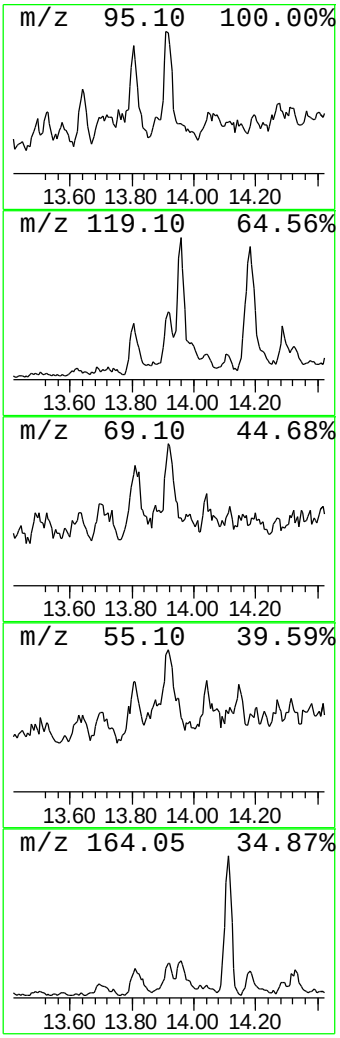
****

Peak Number 8 unknown13.92 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.92	3.68 ng	182979	Acenaphthene-d10	14.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Hexadiene, 3-ethyl-2-methyl-...	124	C9H16	074752-97-9	45
2	Furan, 4-methyl-2-propyl-	124	C8H12O	006148-37-4	43
3	Imidazole, 2-trifluoroacetyl-	164	C5H3F3N2O	105480-29-3	38
4	Cycloheptane, 1-bromo-3-iodo-	302	C7H12BrI	1000337-09-9	35
5	Cyclopentanecarboxylic acid, 3-m...	154	C9H14O2	062185-62-0	35





Library Search Compound Report

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Data File : BG042394.D
Acq On : 21 Aug 2019 21:55
Operator : HP/JU
Sample : K4413-01
Misc :
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Instrument : BNA_G
ClientSampleId : TMW-02

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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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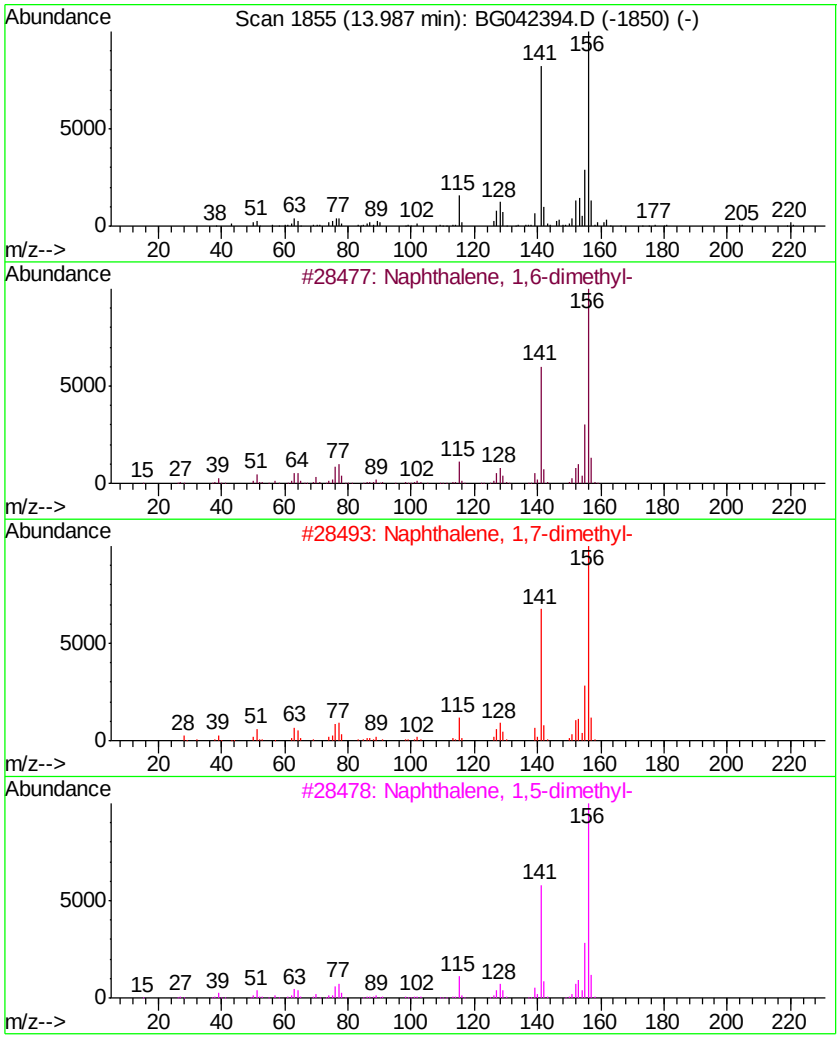
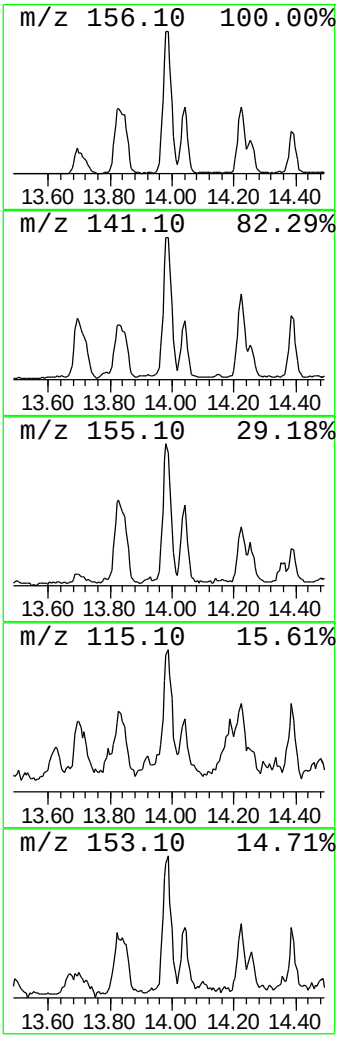
Peak Number 9 Naphthalene, 1,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.99	6.56 ng	326340	Acenaphthene-d10	14.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96





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ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TMW-02

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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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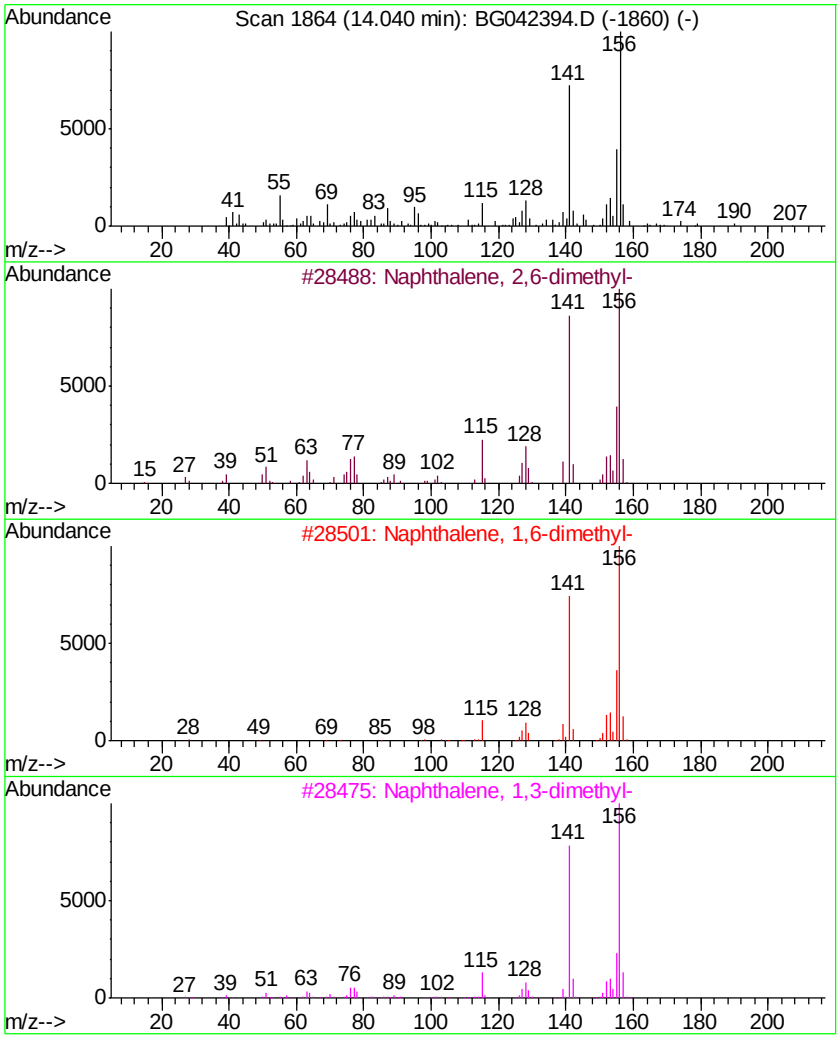
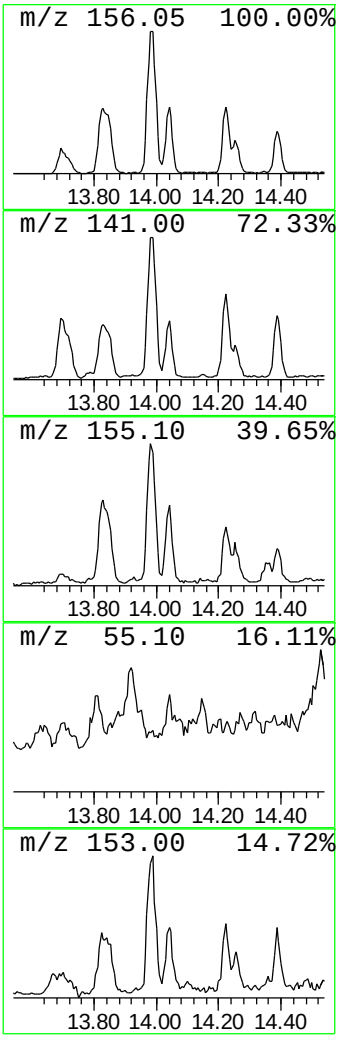
Peak Number 10 Naphthalene, 2,6-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.04	3.45 ng	171666	Acenaphthene-d10	14.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95





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Instrument : BNA_G
ClientSampleId : TMW-02

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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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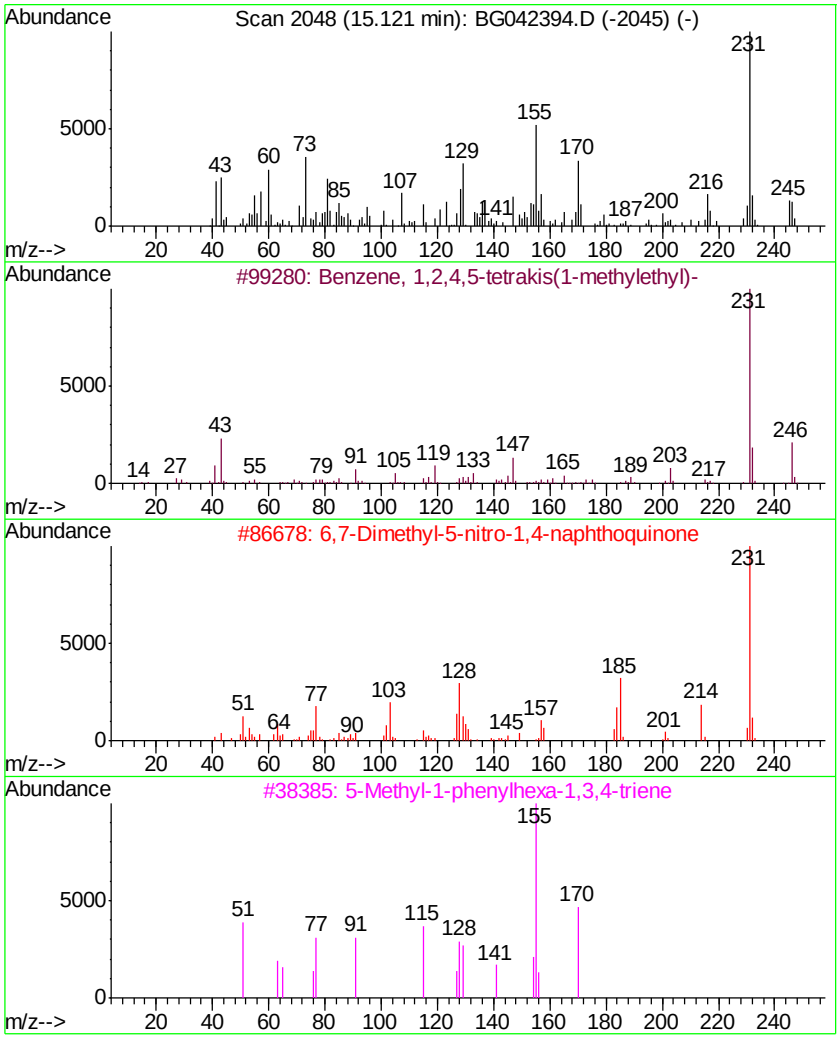
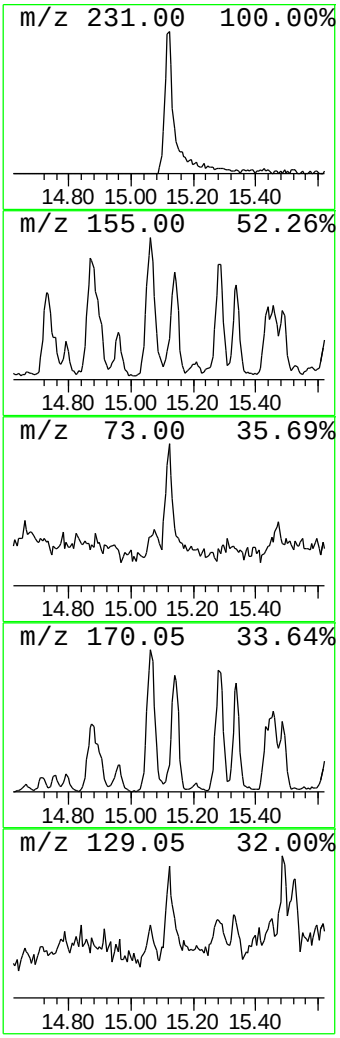
Peak Number 11 unknown15.12 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.12	3.65 ng	181517	Acenaphthene-d10	14.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetrakis(1-meth...	246	C18H30	000635-11-0	46
2	6,7-Dimethyl-5-nitro-1,4-naphtho...	231	C12H9NO4	1000110-35-8	43
3	5-Methyl-1-phenylhexa-1,3,4-triene	170	C13H14	103240-79-5	38
4	4H-[1,2,4]Triazin-5-one, 4-amino...	231	C11H13N5O	1000317-05-5	38
5	1,3-Dimethyl-6-(trifluoromethyl)...	231	C9H8F3N3O	332867-83-1	38





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ClientSampleId : TMW-02

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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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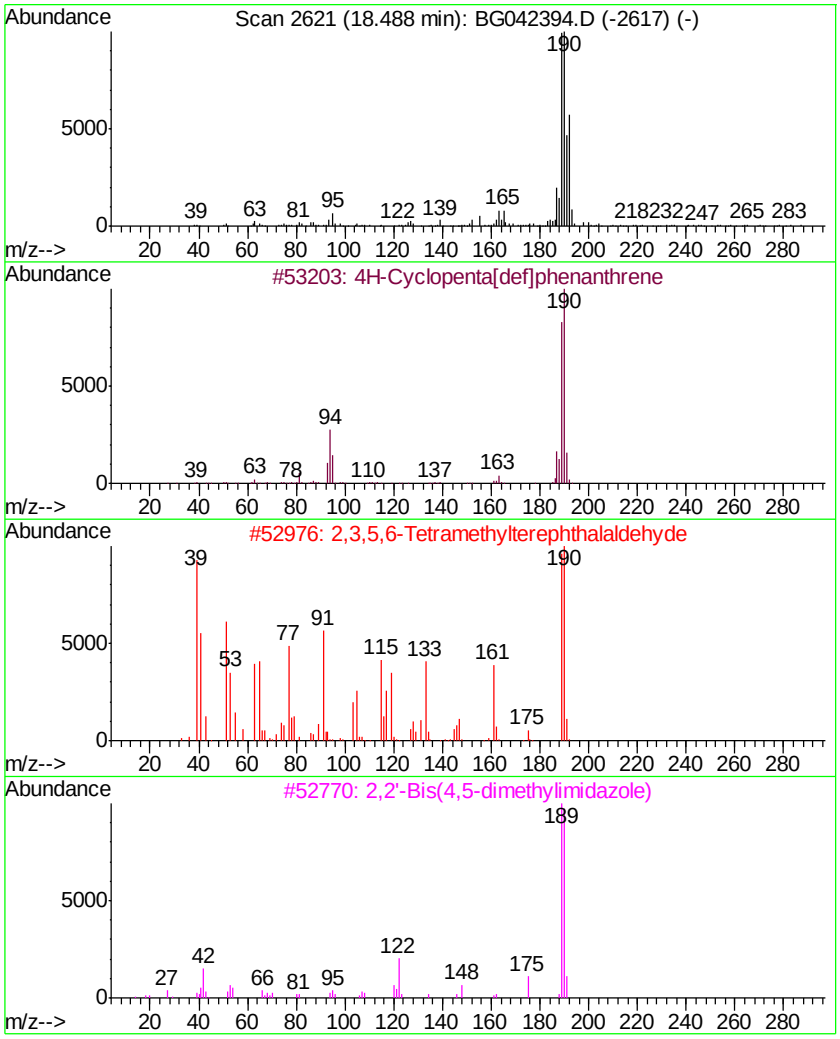
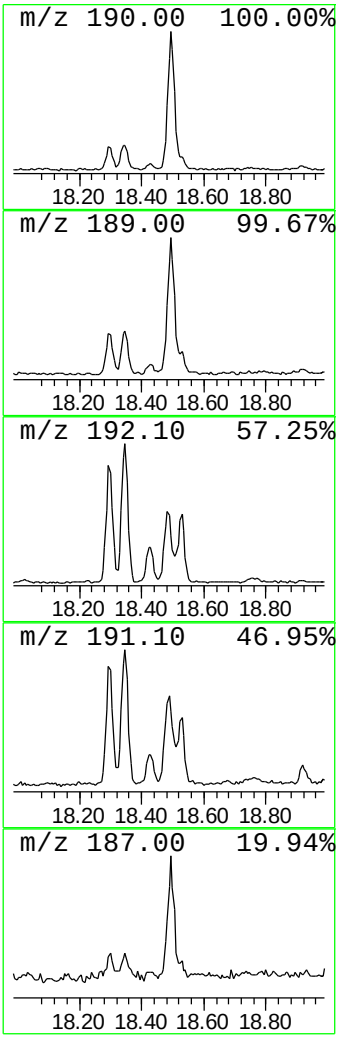
Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.49	3.80 ng	219617	Phenanthrene-d10	17.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	74
2	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	52
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	50
4	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	35
5	Benzene-1,2-dicarbonitrile, 4-ch...	247	C12H10ClN3O	309735-19-1	17





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ClientSampleId : TMW-02

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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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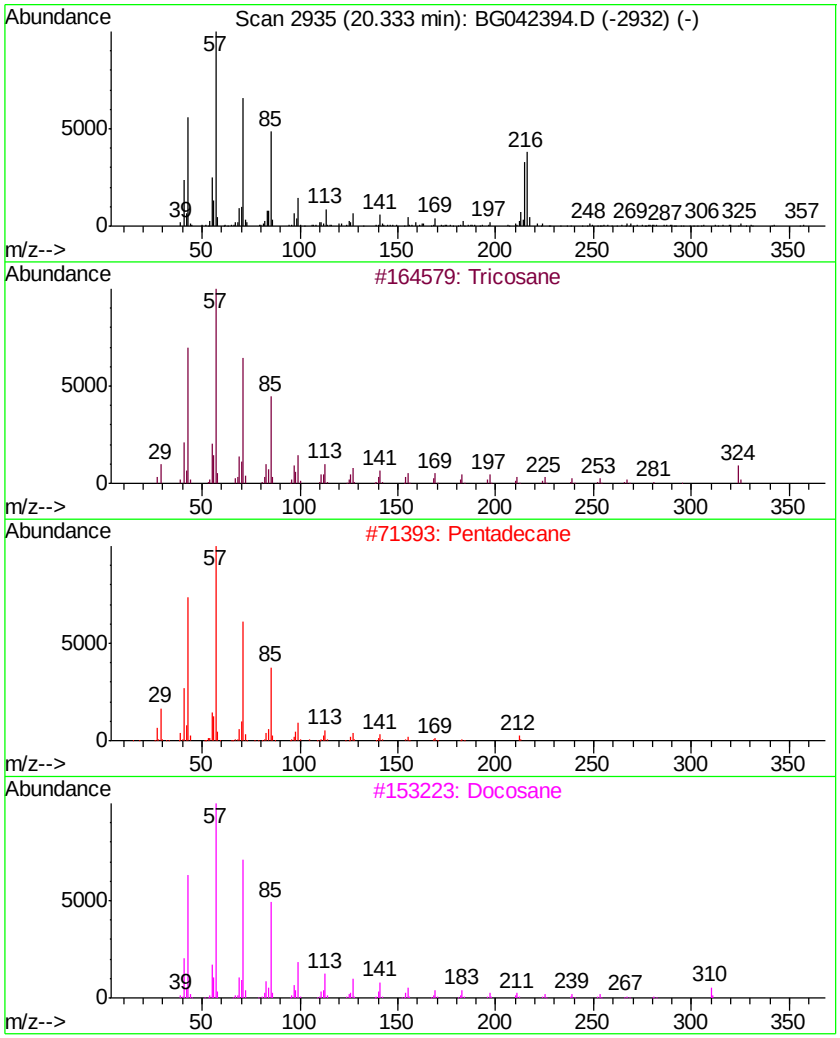
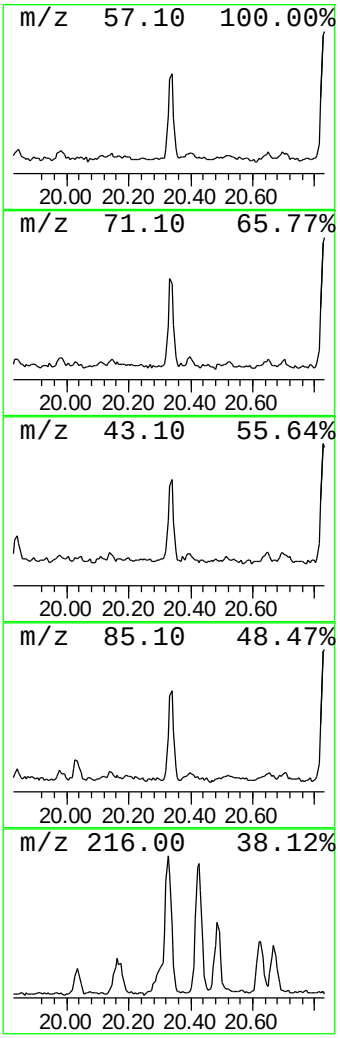
Peak Number 13 Tricosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.33	3.58 ng	220688	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane	324	C23H48	000638-67-5	78
2	Pentadecane	212	C15H32	000629-62-9	78
3	Docosane	310	C22H46	000629-97-0	53
4	Triacontane	422	C30H62	000638-68-6	53
5	Heneicosane	296	C21H44	000629-94-7	53





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ClientSampleId : TMW-02

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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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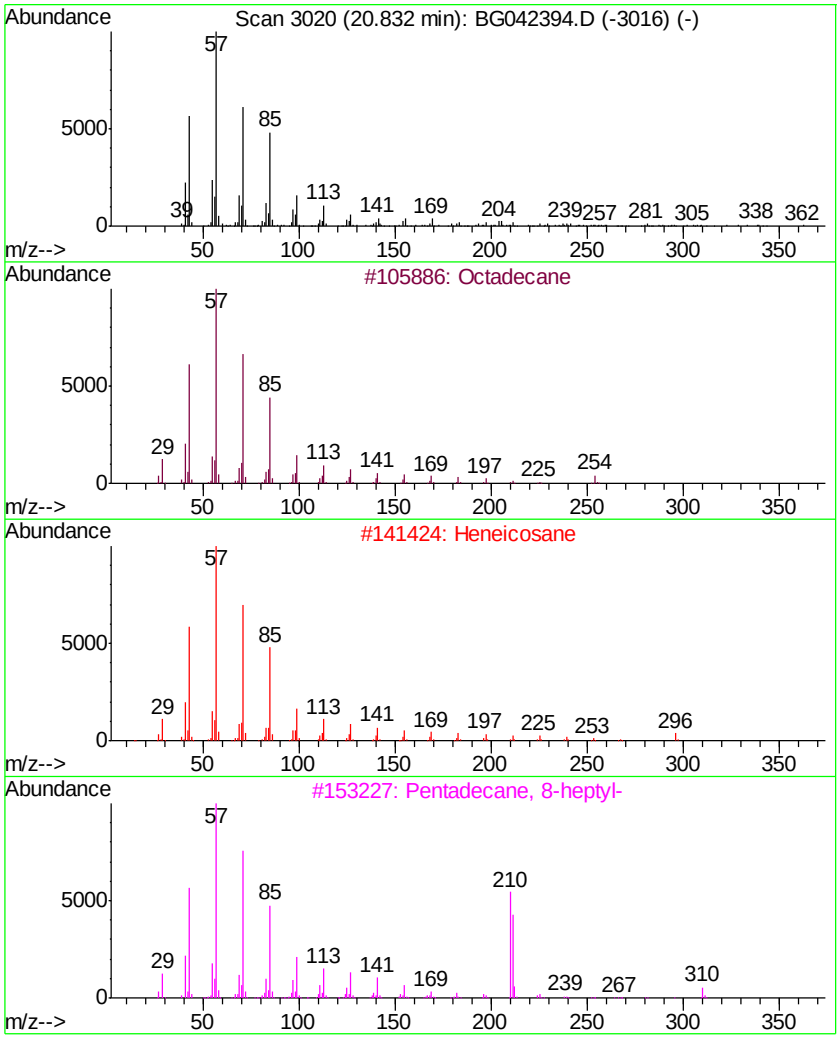
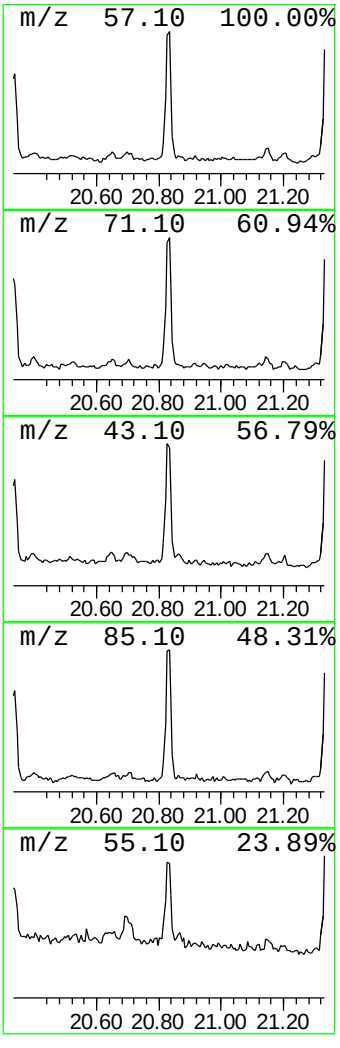
Peak Number 14 Octadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.83	4.02 ng	247841	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	95
2	Heneicosane	296	C21H44	000629-94-7	94
3	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	93
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Octacosane	394	C28H58	000630-02-4	91





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Misc :
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Instrument : BNA_G
ClientSampleId : TMW-02

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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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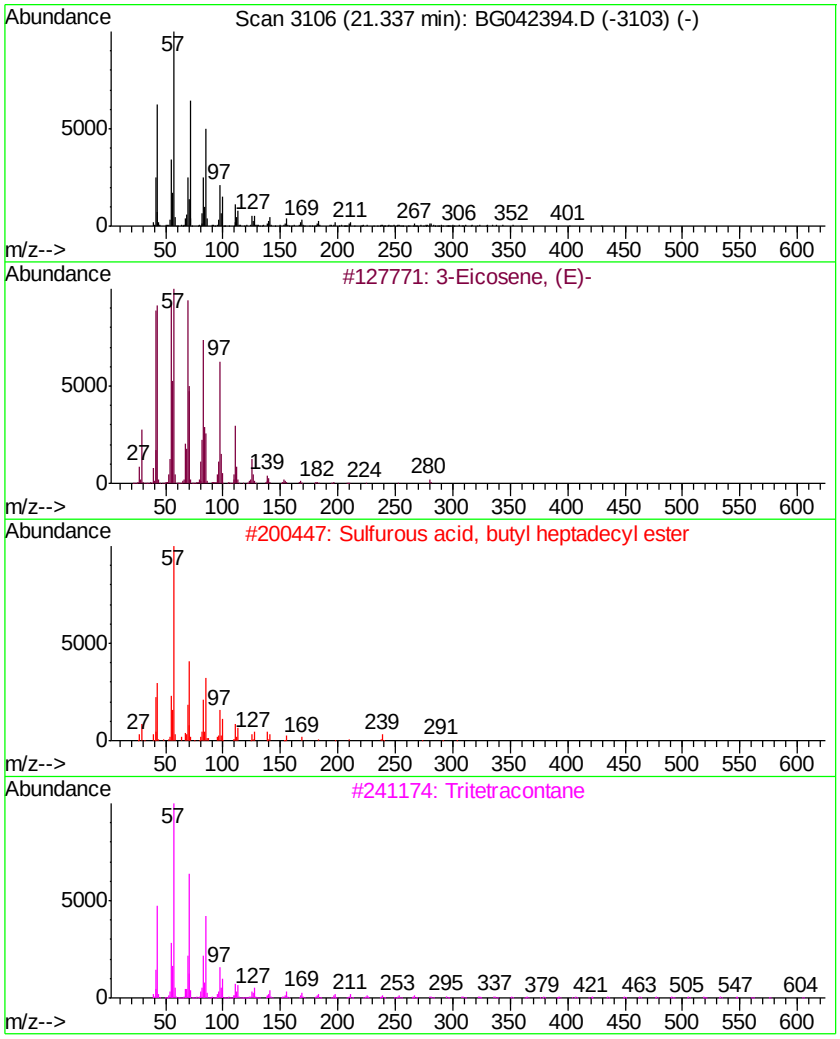
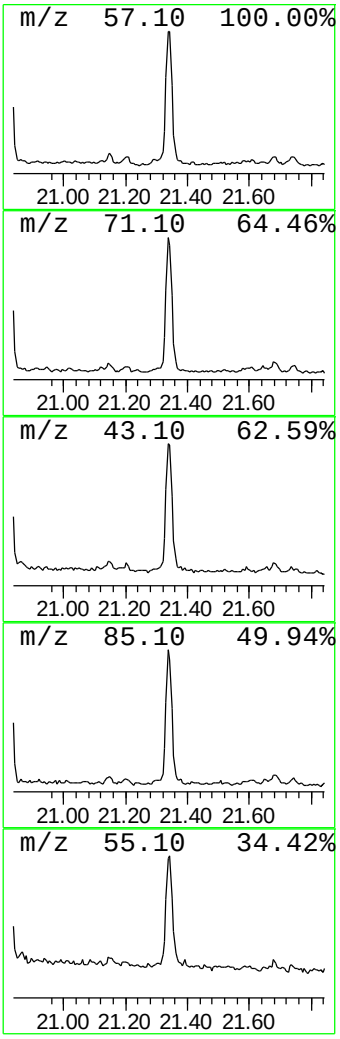
Peak Number 15 3-Eicosene, (E)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.34	8.56 ng	527876	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	93
2	Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	91
3	Tritetracontane	605	C43H88	007098-21-7	91
4	Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	91
5	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	90





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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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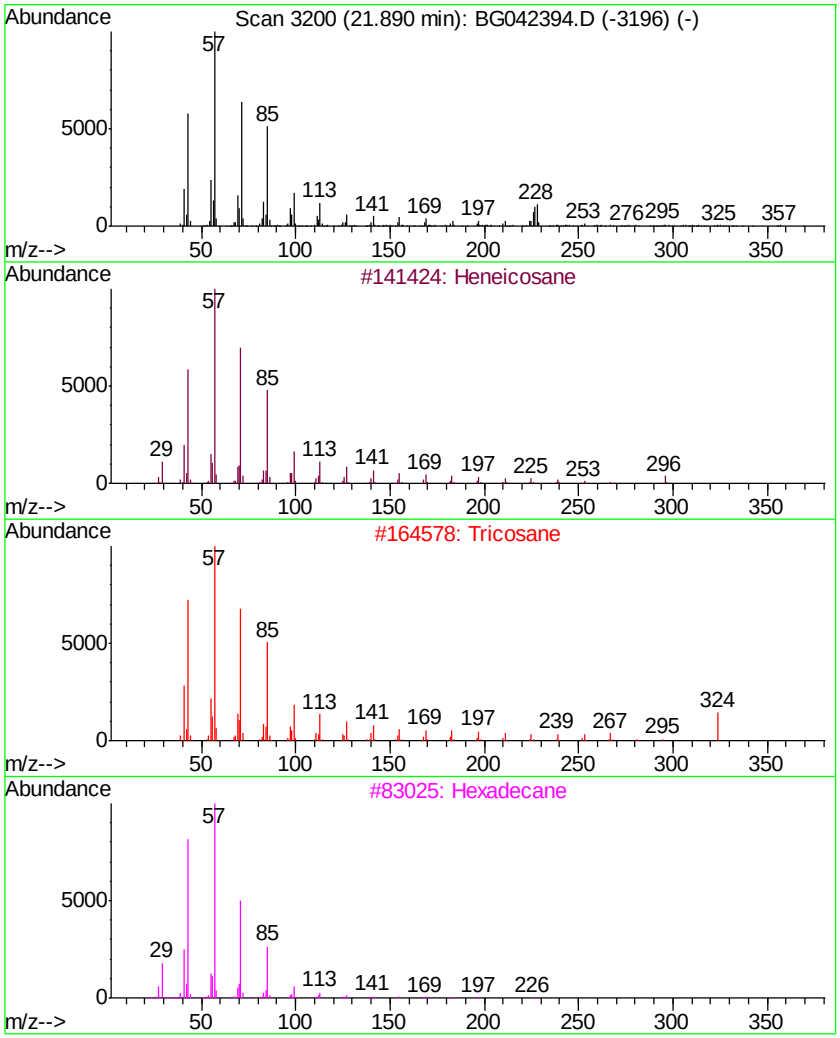
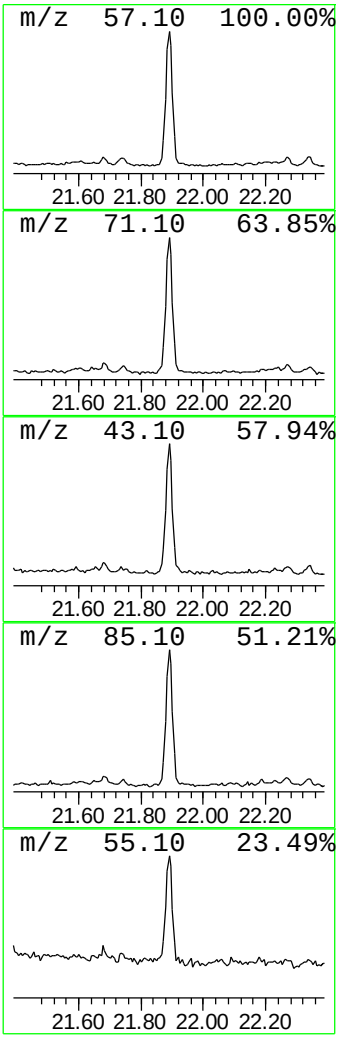
Peak Number 16 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.89	7.36 ng	454160	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	96
2	Tricosane	324	C23H48	000638-67-5	95
3	Hexadecane	226	C16H34	000544-76-3	94
4	Docosane	310	C22H46	000629-97-0	93
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	89





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ClientSampleId : TMW-02

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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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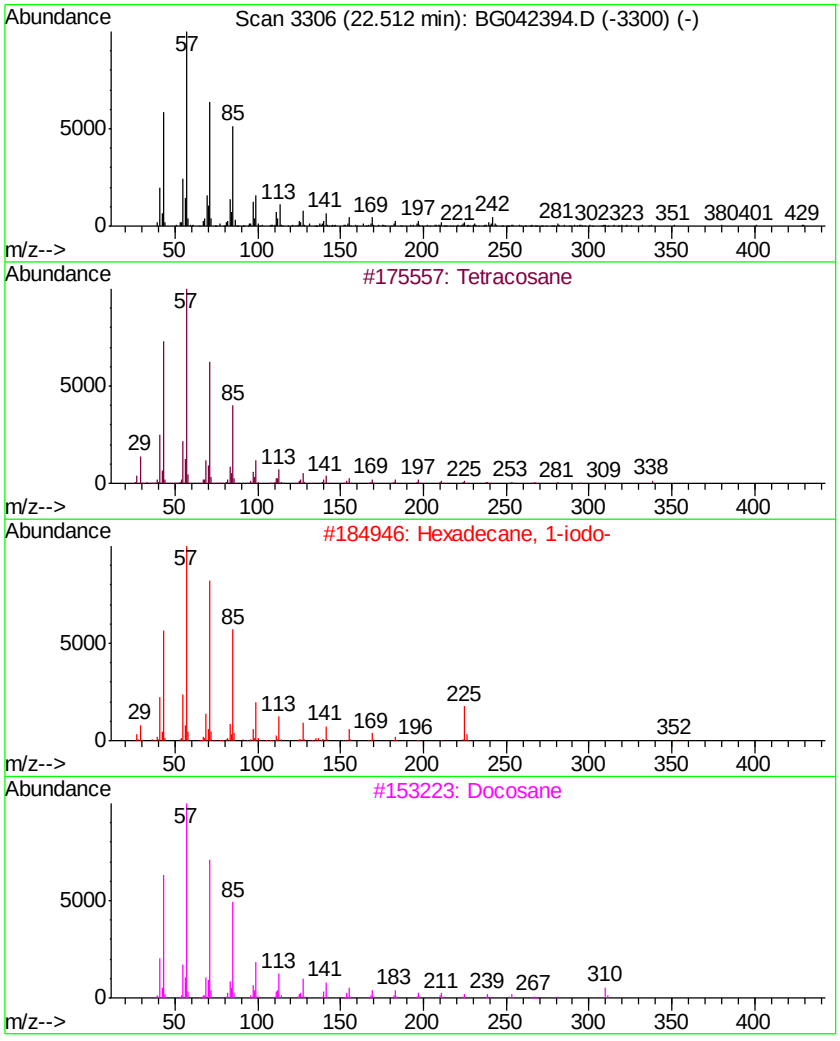
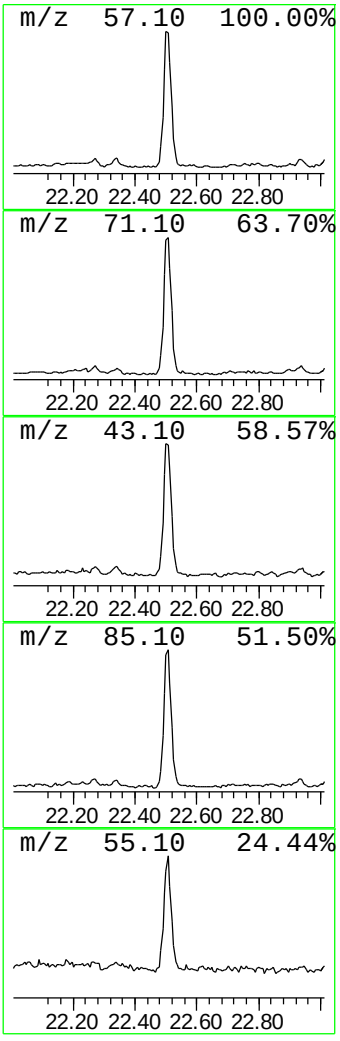
Peak Number 17 Tetracosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.51	8.63 ng	532605	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	97
2	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	96
3	Docosane	310	C22H46	000629-97-0	93
4	Hexacosane	366	C26H54	000630-01-3	93
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93





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Misc :
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Instrument : BNA_G
ClientSampleId : TMW-02

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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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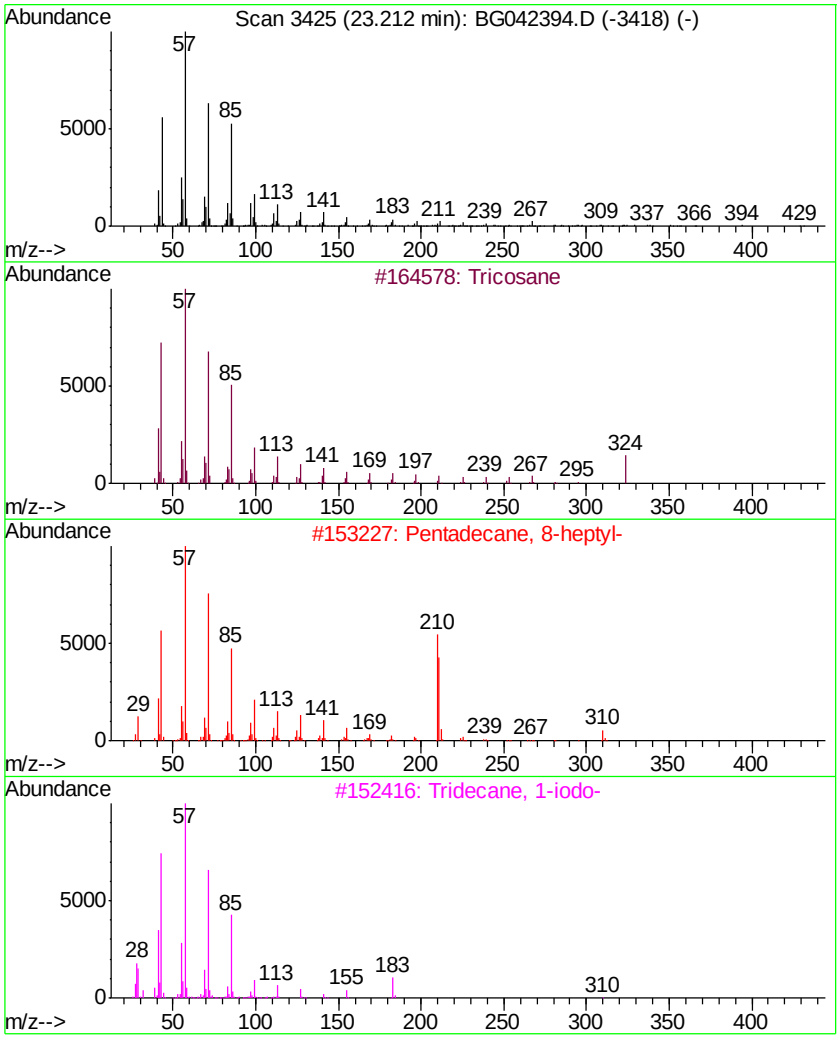
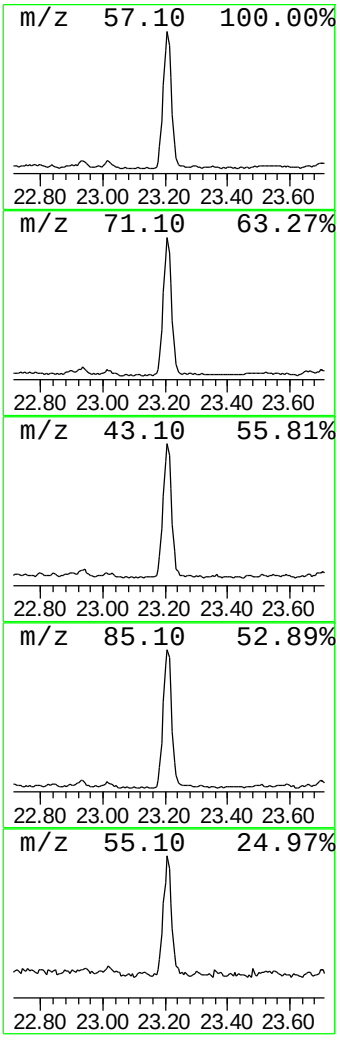
Peak Number 18 Pentadecane, 8-heptyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.21	11.44 ng	705948	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane	324	C23H48	000638-67-5	98
2	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	93
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
4	Nonacosane	408	C29H60	000630-03-5	91
5	Tetracosane	338	C24H50	000646-31-1	91





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Misc :
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Instrument : BNA_G
ClientSampleId : TMW-02

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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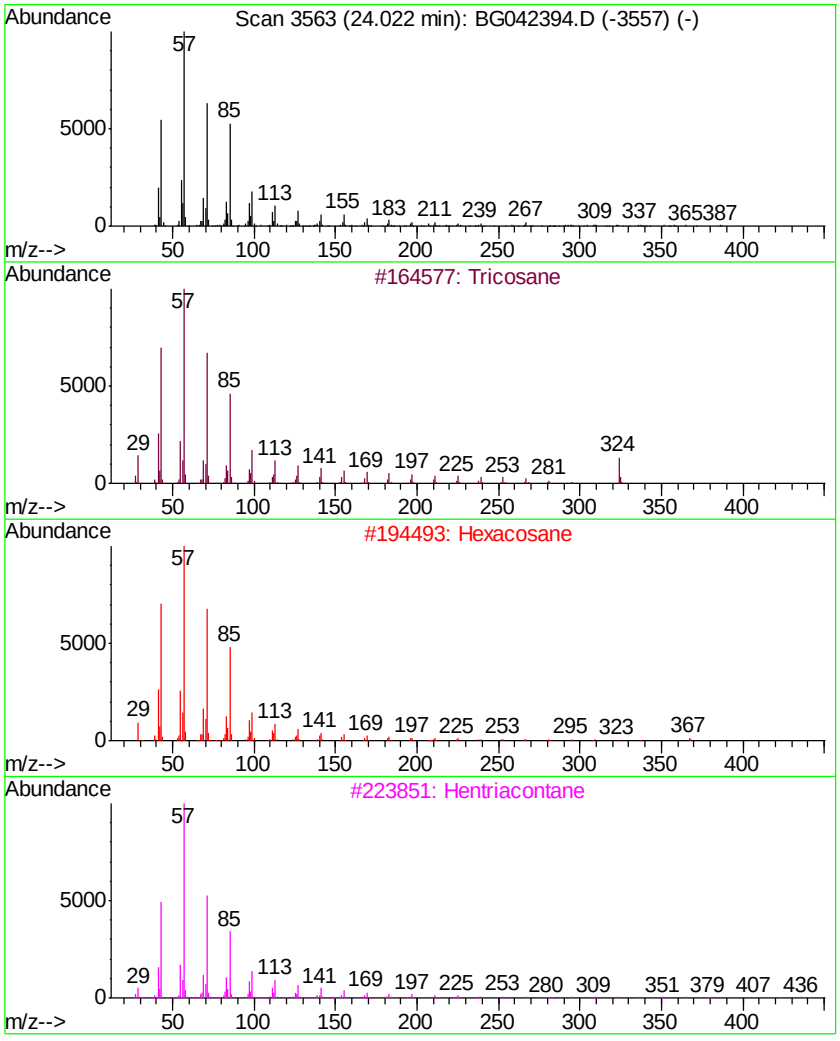
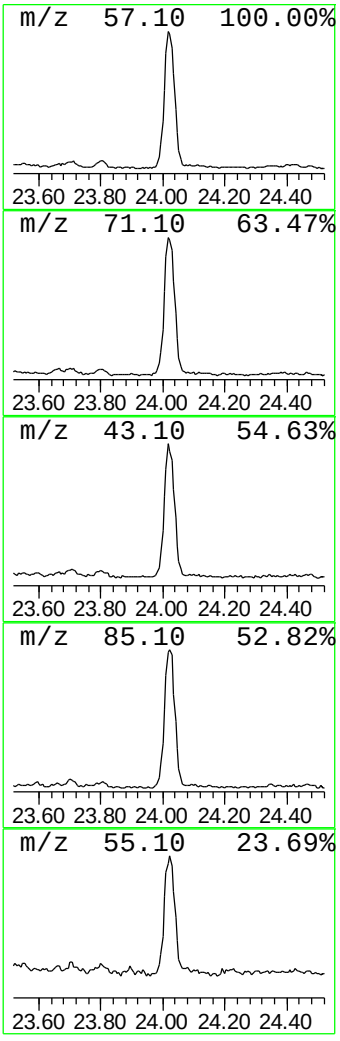
Peak Number 19 Hexacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.02	7.60 ng	693005	Perylene-d12	24.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane	324	C23H48	000638-67-5	93
2	Hexacosane	366	C26H54	000630-01-3	91
3	Hentriacontane	437	C31H64	000630-04-6	91
4	Eicosane	282	C20H42	000112-95-8	91
5	Tetracosane	338	C24H50	000646-31-1	91





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Instrument : BNA_G
ClientSampleId : TMW-02

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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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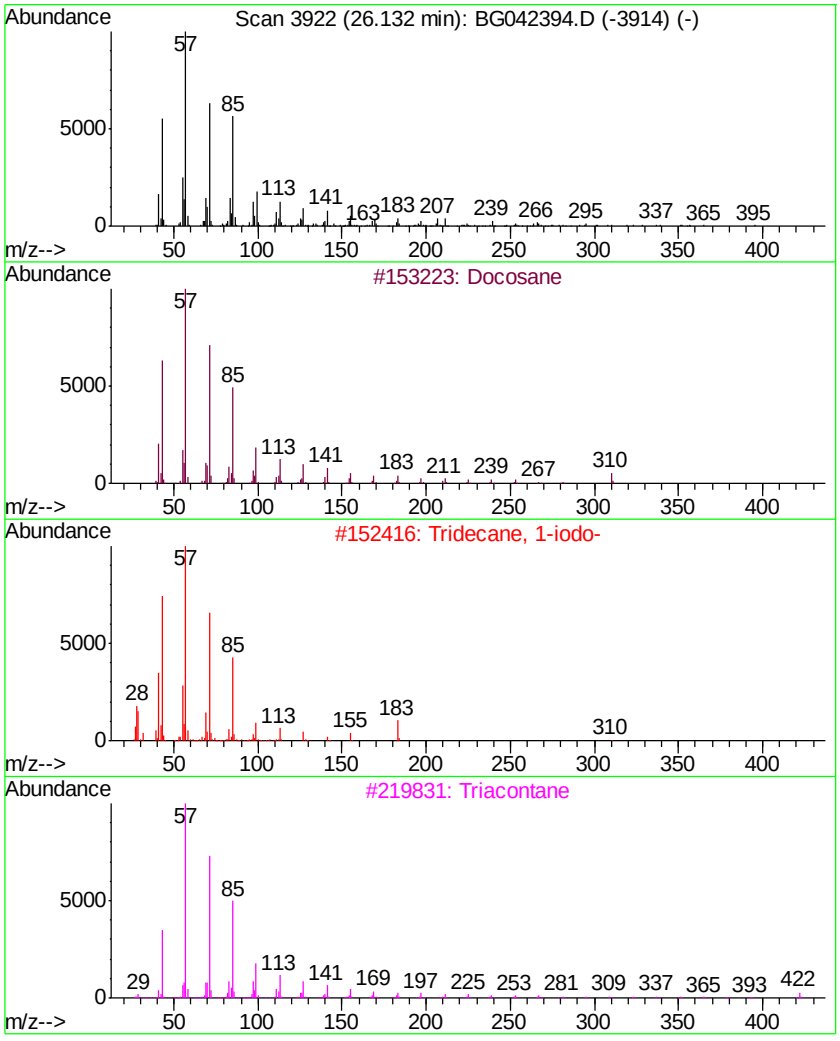
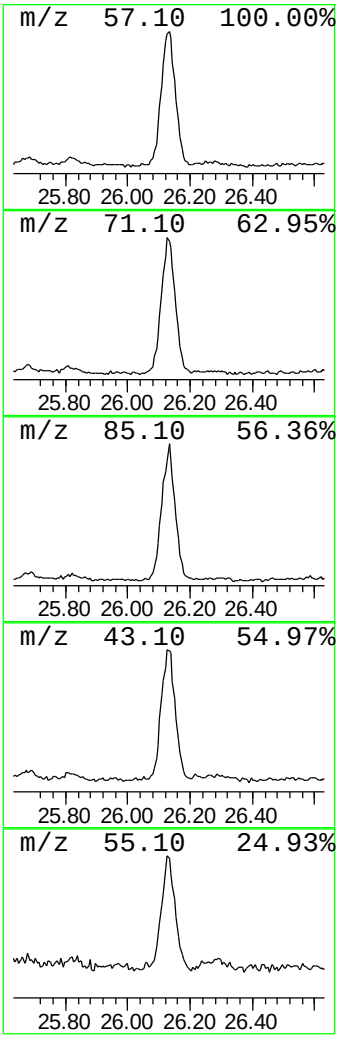
Peak Number 20 Docosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.13	5.99 ng	545613	Perylene-d12	24.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	95
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
3	Triacontane	422	C30H62	000638-68-6	90
4	Tetracosane	338	C24H50	000646-31-1	90
5	2-methyloctacosane	408	C29H60	1000376-72-8	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG082119\
Data File : BG042394.D
Acq On : 21 Aug 2019 21:55
Operator : HP/JU
Sample : K4413-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TMW-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG081919.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...	3.12	122.4	ng	2419170	1	8.01	395348	20.0
unknown7.54	7.54	33.1	ng	655350	1	8.01	395348	20.0
2-Cyclopenten-1-o...	8.28	2.9	ng	56687	1	8.01	395348	20.0
Benzene, 2-butenyl-	10.23	4.4	ng	166977	2	10.83	762349	20.0
Benzene, (2-propy...	12.21	3.4	ng	130247	2	10.83	762349	20.0
Naphthalene, 2,3-...	13.82	10.1	ng	503760	3	14.66	994974	20.0
unknown13.92	13.92	3.7	ng	182979	3	14.66	994974	20.0
Naphthalene, 1,6-...	13.99	6.6	ng	326340	3	14.66	994974	20.0
Naphthalene, 2,6-...	14.04	3.5	ng	171666	3	14.66	994974	20.0
unknown15.12	15.12	3.6	ng	181517	3	14.66	994974	20.0
4H-Cyclopenta[def...	18.49	3.8	ng	219617	4	17.42	1157270	20.0
Tricosane	20.33	3.6	ng	220688	5	21.70	1234000	20.0
Octadecane	20.83	4.0	ng	247841	5	21.70	1234000	20.0
3-Eicosene, (E)-	21.34	8.6	ng	527876	5	21.70	1234000	20.0
Heneicosane	21.89	7.4	ng	454160	5	21.70	1234000	20.0
Tetracosane	22.51	8.6	ng	532605	5	21.70	1234000	20.0
Pentadecane, 8-he...	23.21	11.4	ng	705948	5	21.70	1234000	20.0
Hexacosane	24.02	7.6	ng	693005	6	24.94	1822570	20.0
Docosane	26.13	6.0	ng	545613	6	24.94	1822570	20.0