LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082119\
Data File : BG042393.D
Acq On : 21 Aug 2019 21:16
Operator : HP/JU
Sample : K4413-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TMW-01

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	3.120	3	5	31	rVB	919978	1675840	31.06%	6.129%
2	5.564	416	421	434	rVB	159726	296600	5.50%	1.085%
3	7.174	687	695	706	rBV	119396	254002	4.71%	0.929%
4	7.538	750	757	774	rVB	404137	762295	14.13%	2.788%
5	8.008	830	837	843	rBV	165638	294100	5.45%	1.076%
6	8.331	885	892	898	rBV	686275	1223048	22.67%	4.473%
7	8.384	898	901	909	rVB2	46514	78059	1.45%	0.285%
8	9.124	1020	1027	1030	rBV3	33020	60571	1.12%	0.222%
9	9.171	1030	1035	1047	rVB	509357	1008843	18.70%	3.689%
10	10.229	1202	1215	1223	rBV2	110288	243099	4.51%	0.889%
11	10.546	1261	1269	1275	rBV8	21473	62197	1.15%	0.227%
12	10.670	1284	1290	1296	rBV3	30475	61473	1.14%	0.225%
13	10.828	1307	1317	1332	rVB	263929	634046	11.75%	2.319%
14	10.981	1339	1343	1350	rVB5	33039	70298	1.30%	0.257%
15	11.569	1436	1443	1452	rBV2	72030	150041	2.78%	0.549%
16	11.751	1469	1474	1482	rVB5	31429	68674	1.27%	0.251%
17	11.939	1502	1506	1513	rVB3	44164	89873	1.67%	0.329%
18	12.044	1516	1524	1531	rBV7	35298	90926	1.69%	0.333%
19	12.468	1591	1596	1603	rVB5	40002	87350	1.62%	0.319%
20	12.620	1618	1622	1626	rBV2	41614	66391	1.23%	0.243%
21	12.708	1631	1637	1643	rVB2	200298	360641	6.68%	1.319%
22	12.791	1646	1651	1661	rVB8	51548	135410	2.51%	0.495%
23	12.879	1661	1666	1671	rBV7	32245	70651	1.31%	0.258%
24	13.079	1695	1700	1705	rBV9	27502	55932	1.04%	0.205%
25	13.284	1727	1735	1742	rBV	2004556	3151808	58.41%	11.527%
26	13.472	1763	1767	1771	rBV3	37274	65493	1.21%	0.240%
27	13.690	1800	1804	1807	rBV3	42952	69927	1.30%	0.256%
28	13.825	1818	1827	1837	rBV8	107108	438290	8.12%	1.603%
29	13.913	1837	1842	1845	rVV5	78703	125931	2.33%	0.461%
30	13.983	1850	1854	1860	rVB2	119119	220516	4.09%	0.806%
31	14.107	1871	1875	1880	rVB	132354	185537	3.44%	0.679%
32	14.218	1890	1894	1898	rBV2	65706	97069	1.80%	0.355%
33	14.383	1918	1922	1927	rBV4	41640	68343	1.27%	0.250%
34	14.471	1933	1937	1940	rBV4	39026	66457	1.23%	0.243%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082119\
Data File : BG042393.D
Acq On : 21 Aug 2019 21:16
Operator : HP/JU
Sample : K4413-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TMW-01

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	14.600	1955	1959	1963	rBV4	60096	105866	1.96%	0.387%
36	14.665	1963	1970	1976	rVV	538057	888555	16.47%	3.250%
37	15.170	2053	2056	2057	rBV	62297	66046	1.22%	0.242%
38	15.335	2080	2084	2089	rVB3	134571	205356	3.81%	0.751%
39	15.476	2105	2108	2118	rVB4	129694	290006	5.37%	1.061%
40	15.552	2118	2121	2124	rBV4	40122	68562	1.27%	0.251%
41	15.717	2145	2149	2155	rVB3	100028	158297	2.93%	0.579%
42	16.157	2219	2224	2230	rBV	1121053	1622766	30.08%	5.935%
43	16.392	2261	2264	2267	rBV3	50545	73422	1.36%	0.269%
44	17.421	2433	2439	2443	rBV2	706468	1114003	20.65%	4.074%
45	17.462	2443	2446	2452	rVB	161367	220212	4.08%	0.805%
46	17.820	2503	2507	2515	rVB	181550	275400	5.10%	1.007%
47	18.325	2589	2593	2595	rBV	209360	318401	5.90%	1.164%
48	19.471	2785	2788	2792	rVB	104504	143884	2.67%	0.526%
49	20.035	2878	2884	2894	rVB	3787029	5395637	100.00%	19.733%
50	20.376	2939	2942	2948	rVB	134455	174436	3.23%	0.638%
51	21.345	3104	3107	3116	rVB3	128798	220990	4.10%	0.808%
52	21.692	3161	3166	3179	rVB2	669930	1181610	21.90%	4.321%
53	22.503	3301	3304	3309	rVB	79790	113378	2.10%	0.415%
54	23.208	3419	3424	3432	rVB	138988	259478	4.81%	0.949%
55	24.019	3557	3562	3572	rVB2	141957	308493	5.72%	1.128%
56	24.941	3710	3719	3735	rVB3	419798	1506063	27.91%	5.508%
57	26.134	3916	3922	3931	rVB2	95248	243068	4.50%	0.889%

Sum of corrected areas: 27343660

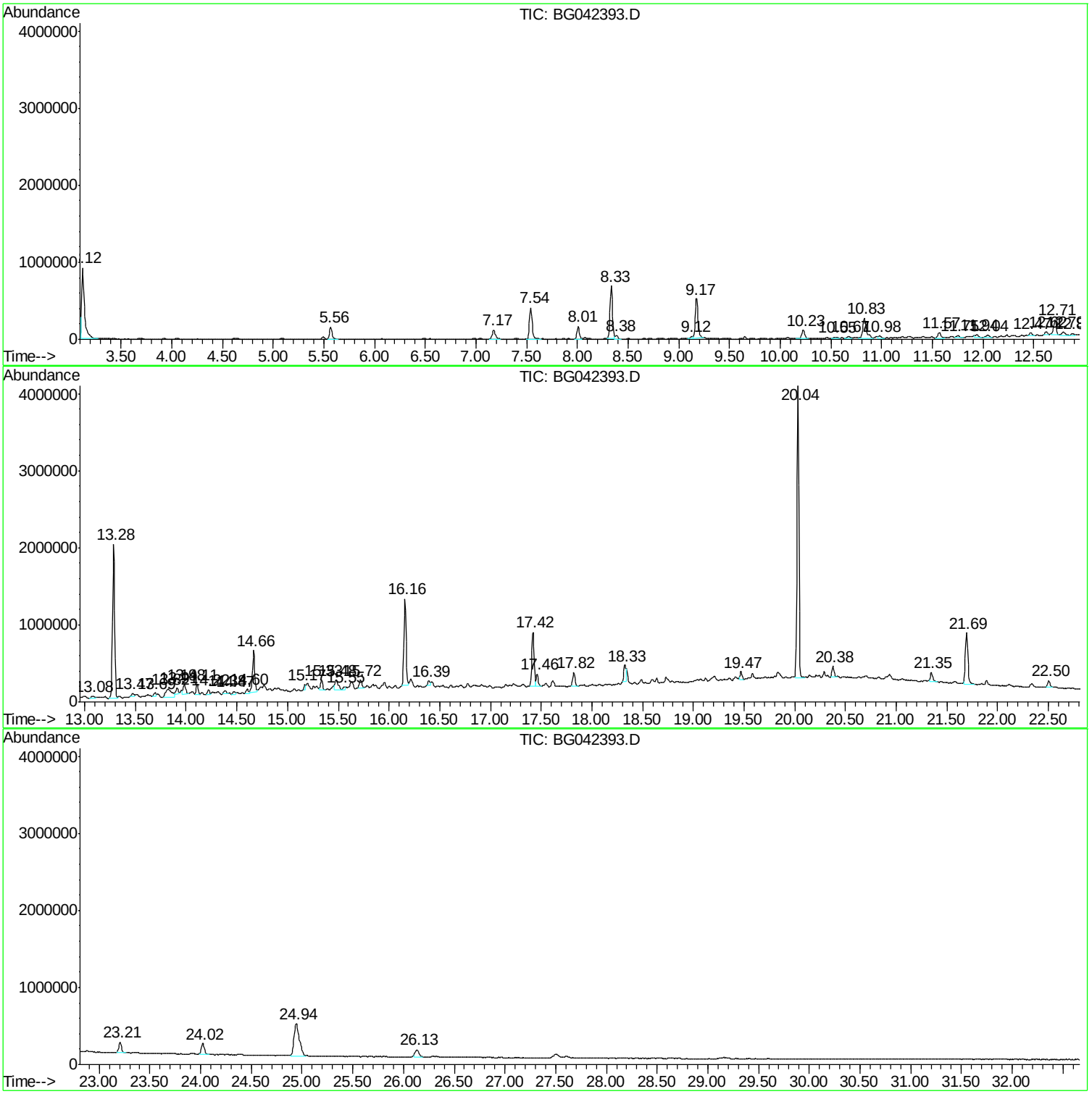
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082119\
Data File : BG042393.D
Acq On : 21 Aug 2019 21:16
Operator : HP/JU
Sample : K4413-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TMW-01

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082119\
Data File : BG042393.D
Acq On : 21 Aug 2019 21:16
Operator : HP/JU
Sample : K4413-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TMW-01

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

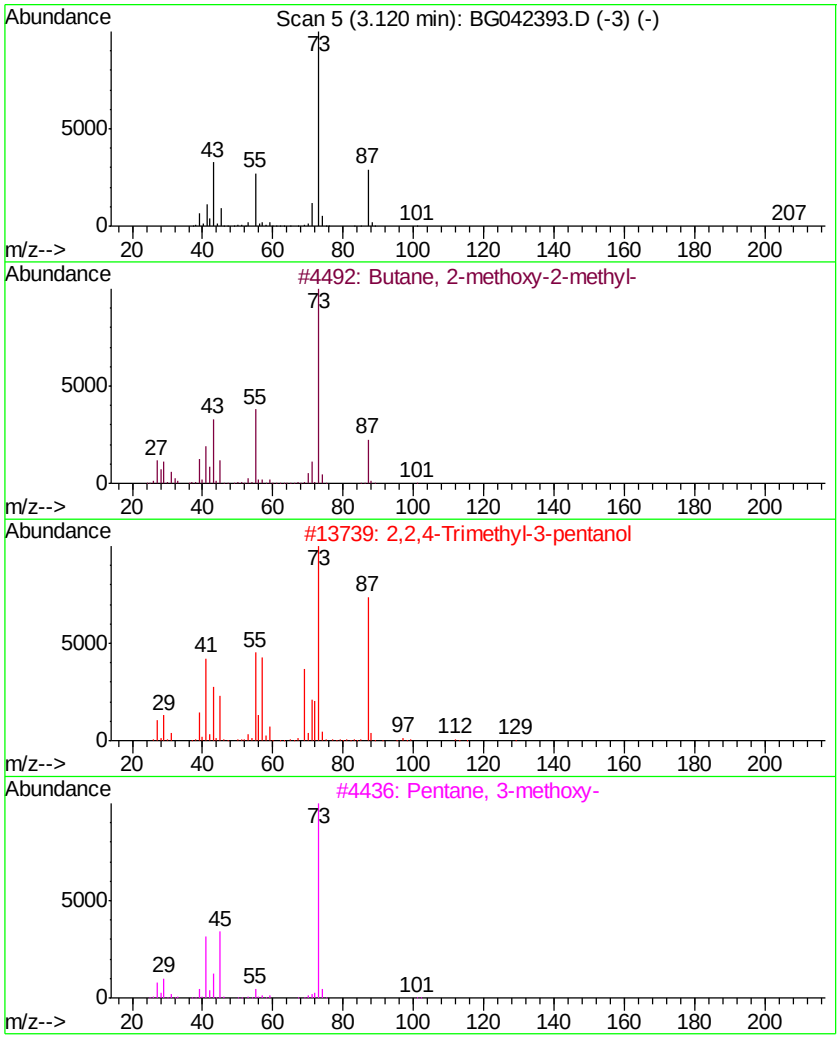
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

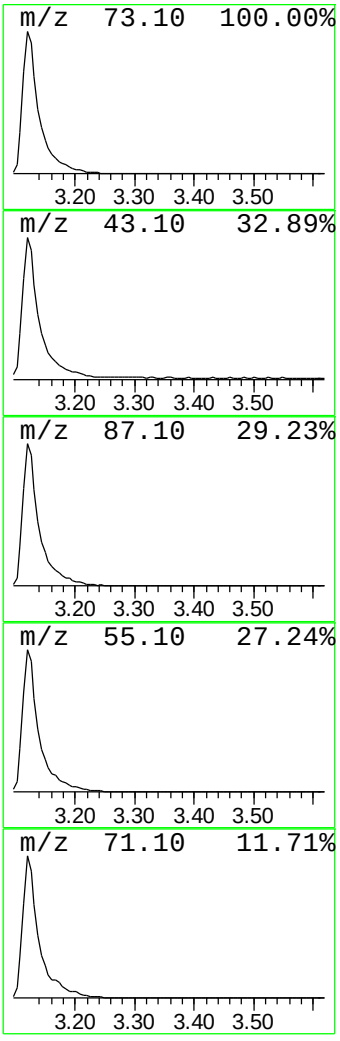
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.12	113.96 ng	1675840	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	40
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082119\
Data File : BG042393.D
Acq On : 21 Aug 2019 21:16
Operator : HP/JU
Sample : K4413-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TMW-01

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

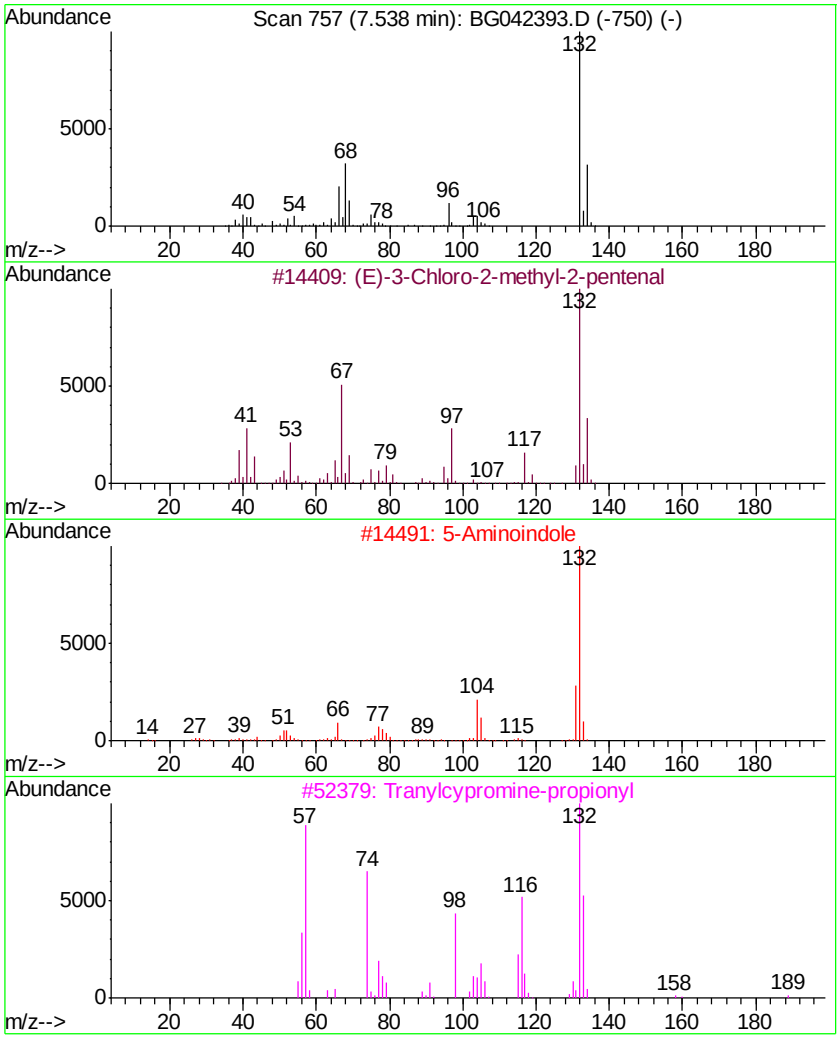
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

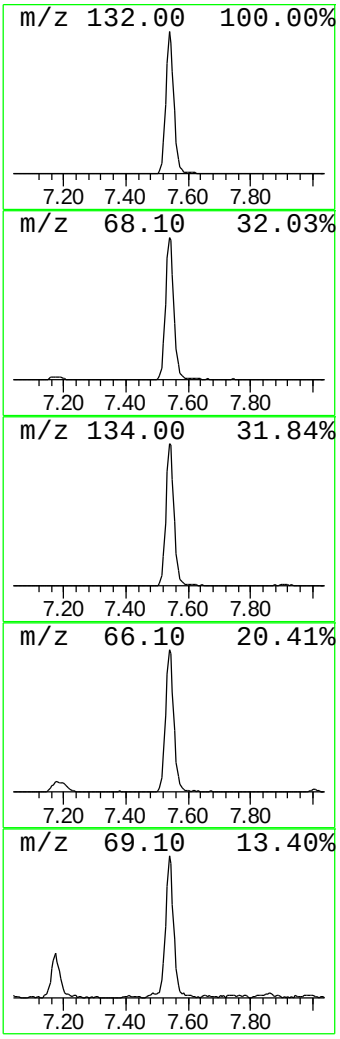
****

Peak Number 2 unknown7.54 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.54	51.84 ng	762295	1,4-Dichlorobenzene-d4	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
2	5-Aminoindole	132	C8H8N2	005192-03-0	22
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082119\
Data File : BG042393.D
Acq On : 21 Aug 2019 21:16
Operator : HP/JU
Sample : K4413-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TMW-01

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

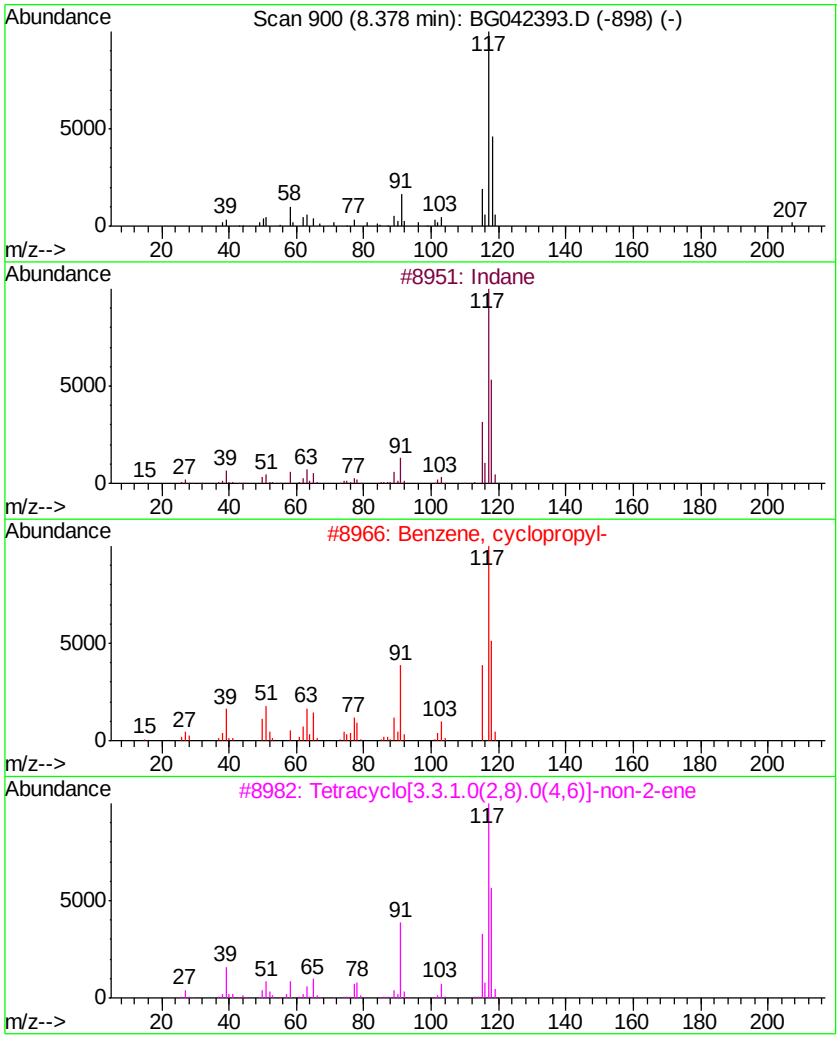
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

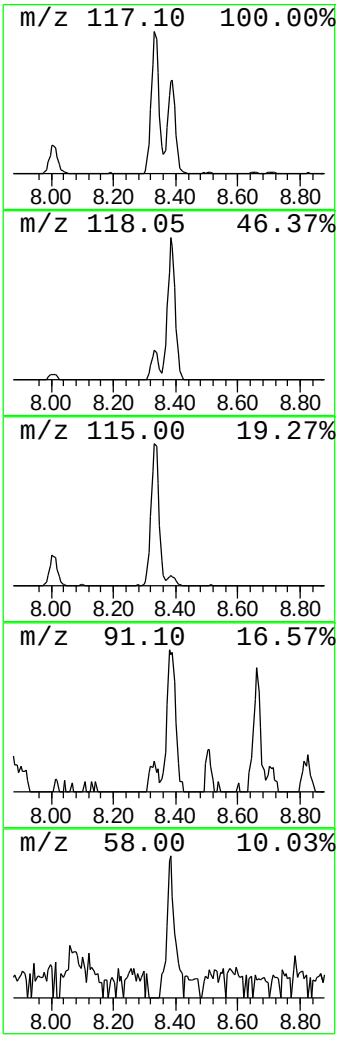
****

Peak Number 4 Indane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.38	5.31 ng	78059	1,4-Dichlorobenzene-d4	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	83
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	72
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	64
4	Formic acid, 3-phenylpropyl ester	164	C10H12O2	1000367-88-7	64
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082119\
Data File : BG042393.D
Acq On : 21 Aug 2019 21:16
Operator : HP/JU
Sample : K4413-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TMW-01

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

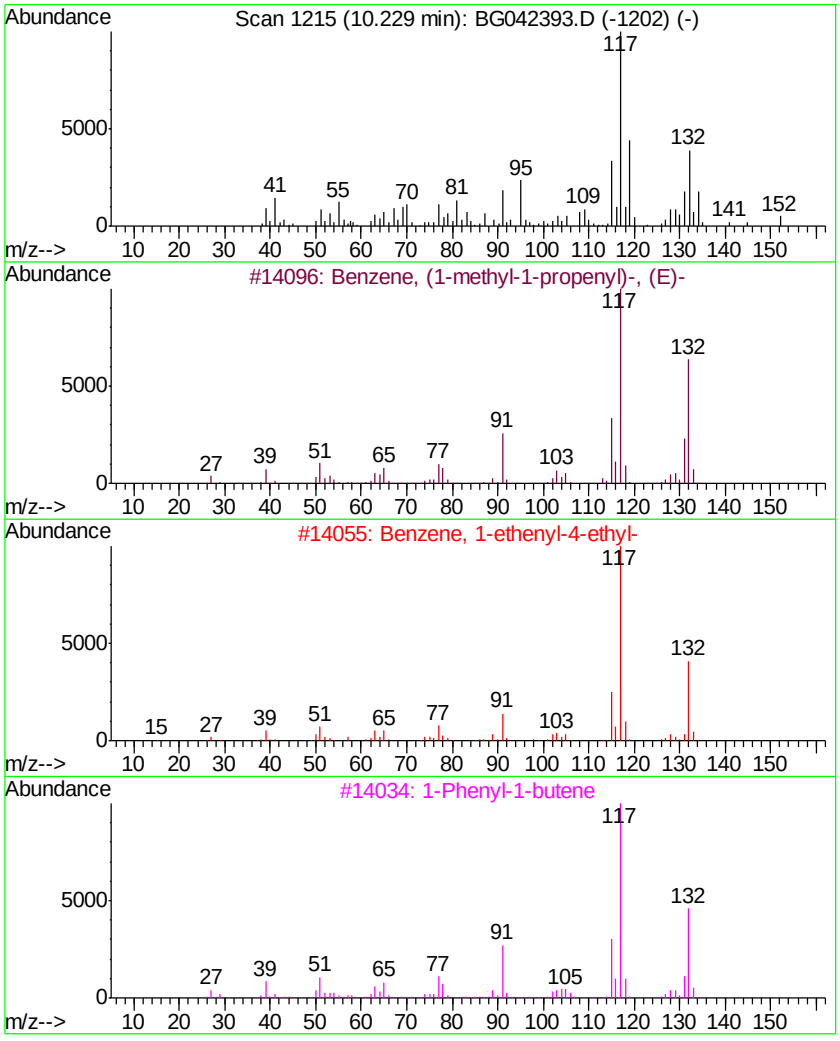
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

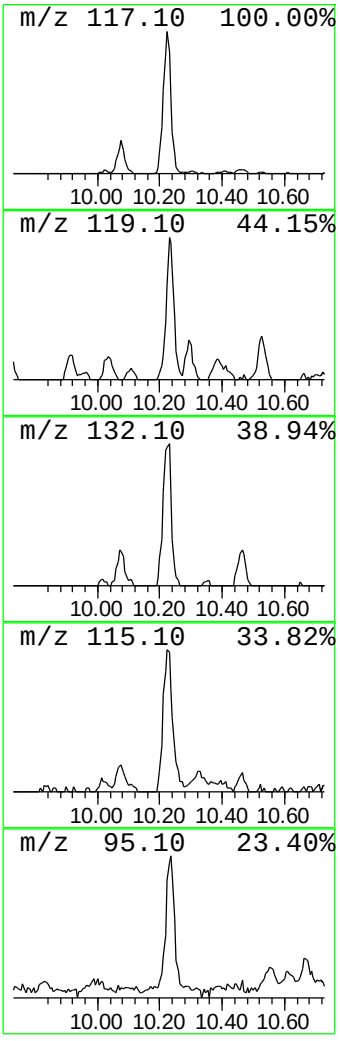
****

Peak Number 5 Benzene, (1-methyl-1-propen... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.23	7.67 ng	243099	Naphthalene-d8	10.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	86
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	83
3	1-Phenyl-1-butene	132	C10H12	000824-90-8	70
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	70
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	70





Library Search Compound Report

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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TMW-01

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

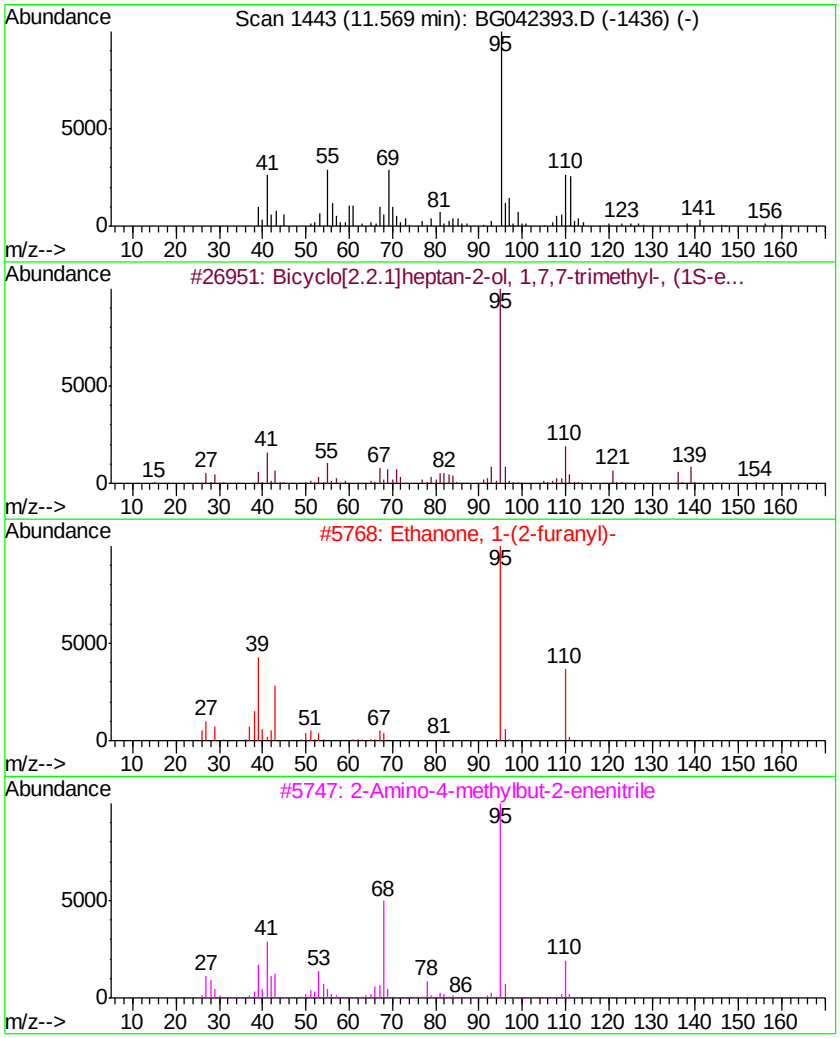
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

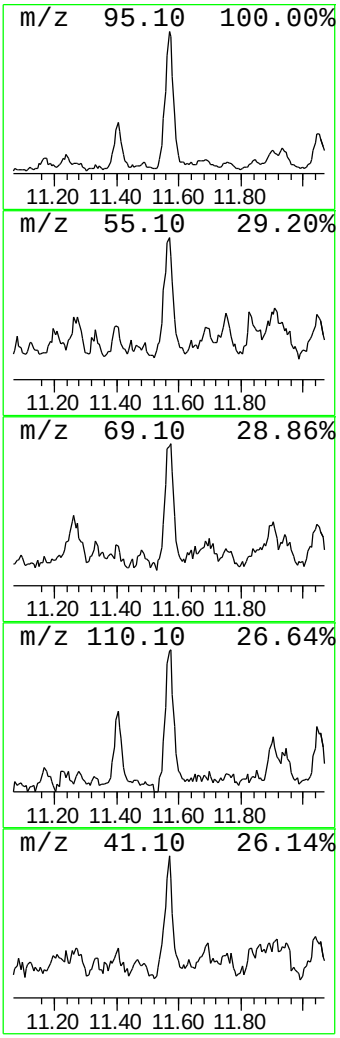
****

Peak Number 6 Bicyclo[2.2.1]heptan-2-ol, ... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	4.73 ng	150041	Naphthalene-d8	10.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptan-2-ol, 1,7,7...	154	C10H18O	000464-45-9	53
2	Ethanone, 1-(2-furanyl)-	110	C6H6O2	001192-62-7	52
3	2-Amino-4-methylbut-2-enenitrile	110	C6H10N2	1000197-39-9	50
4	2-Furanecarboxylic acid, 3,5-dim...	222	C13H18O3	1000278-87-2	47
5	endo-Borneol	154	C10H18O	000507-70-0	42





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Instrument : BNA_G
ClientSampleId : TMW-01

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

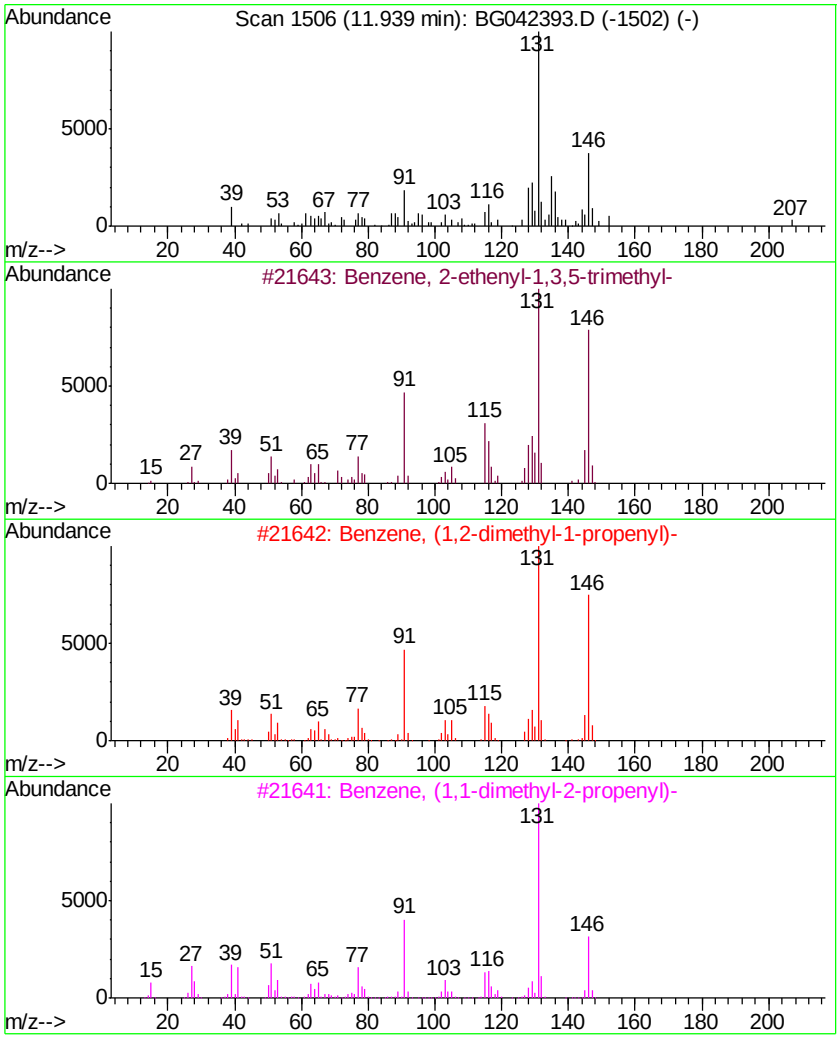
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

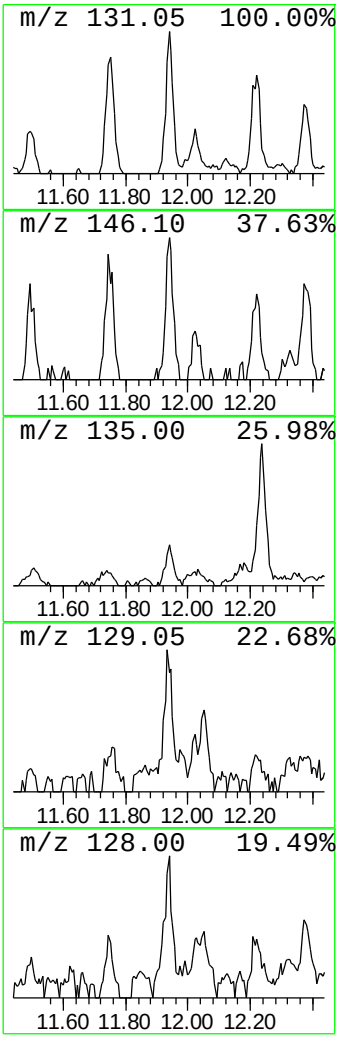
****

Peak Number 7 Benzene, 2-ethenyl-1,3,5-tr... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	2.83 ng	89873	Naphthalene-d8	10.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	72
2	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	64
3	Benzene, (1,1-dimethyl-2-propenyl)-	146	C11H14	018321-36-3	64
4	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	62
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	58





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082119\
Data File : BG042393.D
Acq On : 21 Aug 2019 21:16
Operator : HP/JU
Sample : K4413-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TMW-01

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

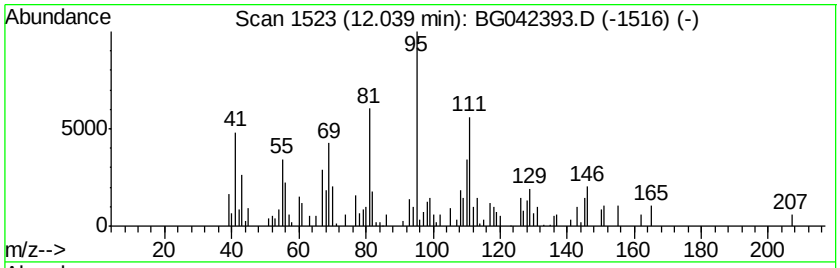
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

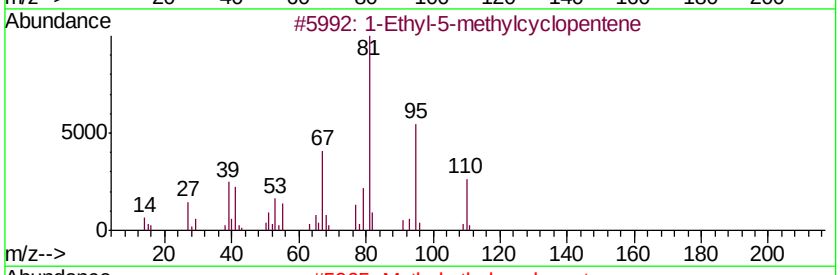
****

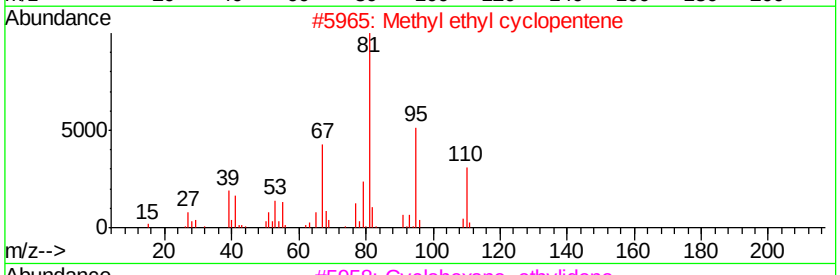
Peak Number 8 unknown12.04 Concentration Rank 18

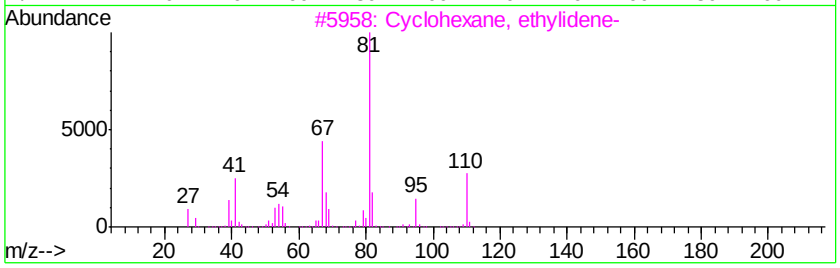
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	2.87 ng	90926	Naphthalene-d8	10.83

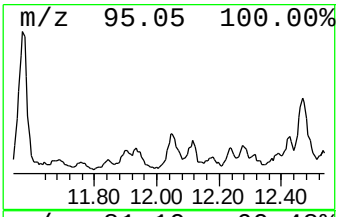
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Ethyl-5-methylcyclopentene	110	C8H14	097797-57-4	43
2	Methyl ethyl cyclopentene	110	C8H14	019780-56-4	43
3	Cyclohexane, ethylidene-	110	C8H14	001003-64-1	38
4	Cyclopropane, tetramethylmethylene-	110	C8H14	054376-39-5	30
5	Cyclobutene, 1,2,3,4-tetramethyl-	110	C8H14	090346-45-5	30

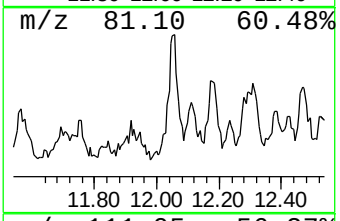


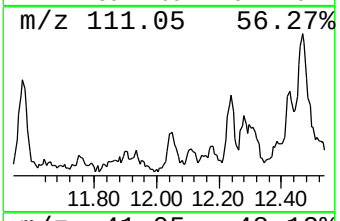


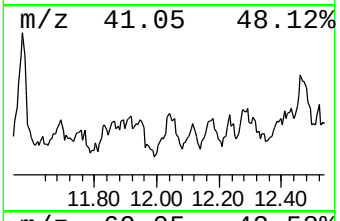


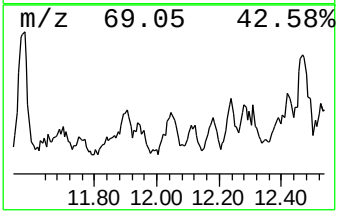












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Acq On : 21 Aug 2019 21:16
Operator : HP/JU
Sample : K4413-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TMW-01

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

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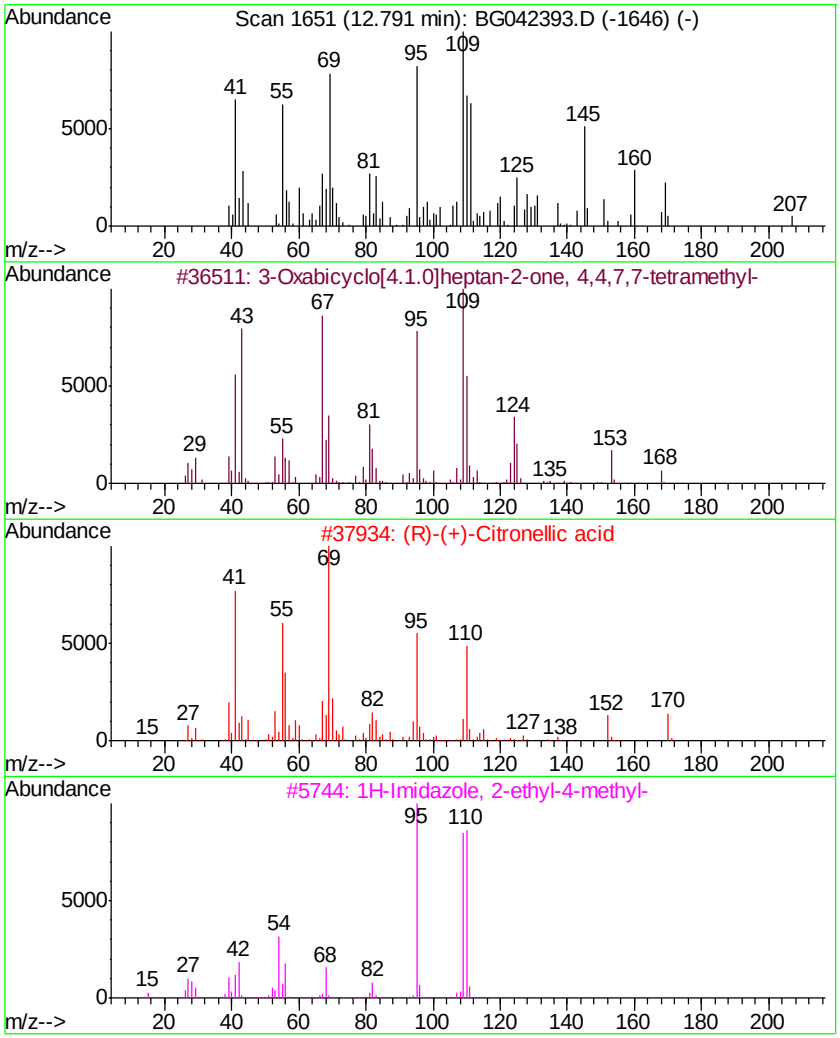
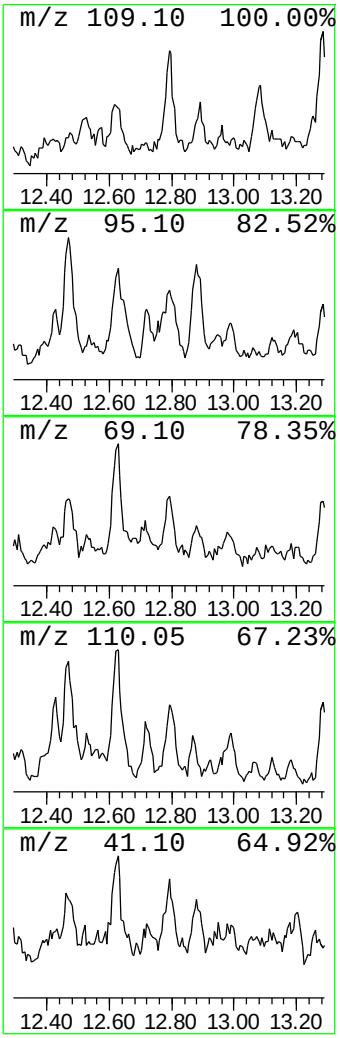
Peak Number 9 3-Oxabicyclo[4.1.0]heptan-2... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.79	3.05 ng	135410	Acenaphthene-d10	14.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Oxabicyclo[4.1.0]heptan-2-one,...	168	C10H16O2	022841-82-3	50
2	(R)-(+)-Citronellic acid	170	C10H18O2	018951-85-4	35
3	1H-Imidazole, 2-ethyl-4-methyl-	110	C6H10N2	000931-36-2	25
4	1,1'-Bicyclohexyl, 2-ethyl-, cis-	194	C14H26	050991-12-3	22
5	3,4,5-Trimethylpyrazole	110	C6H10N2	005519-42-6	22





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Instrument : BNA_G
ClientSampleId : TMW-01

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

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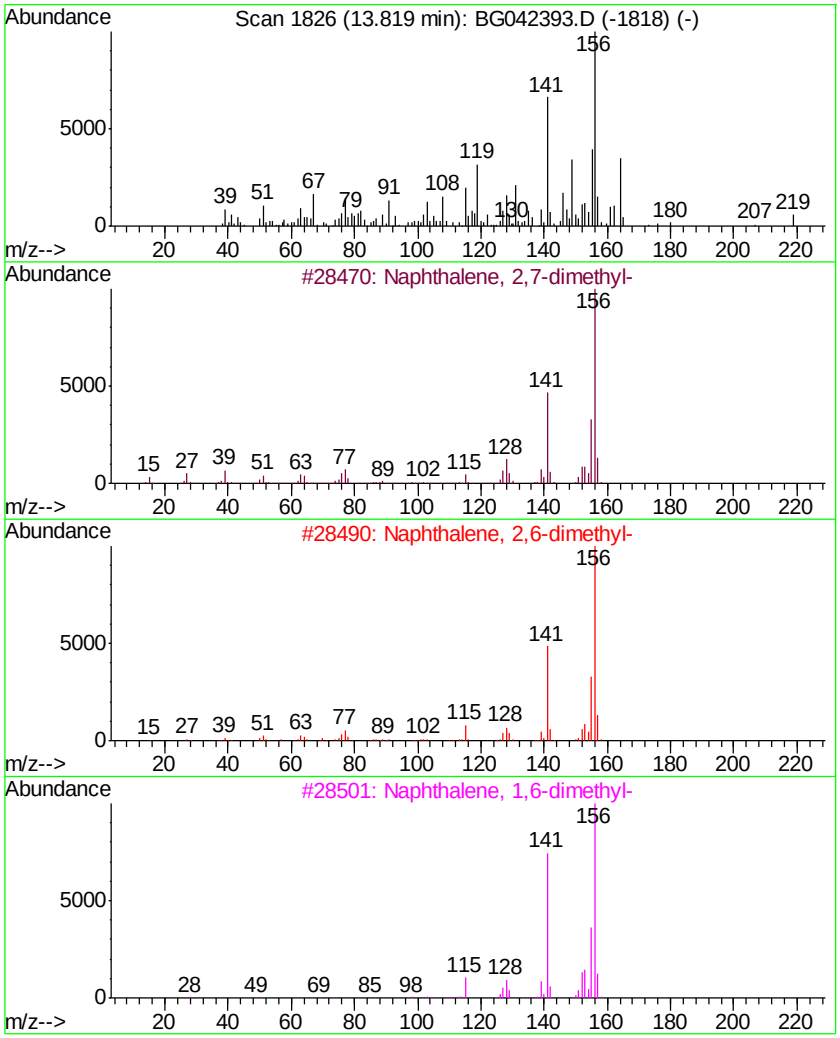
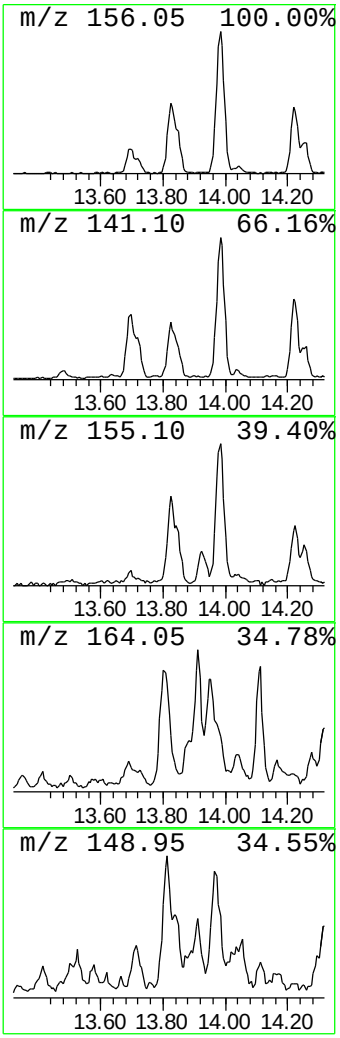
Peak Number 10 Naphthalene, 2,7-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	9.87 ng	438290	Acenaphthene-d10	14.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	93
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	93
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	91
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	90





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Instrument : BNA_G
ClientSampleId : TMW-01

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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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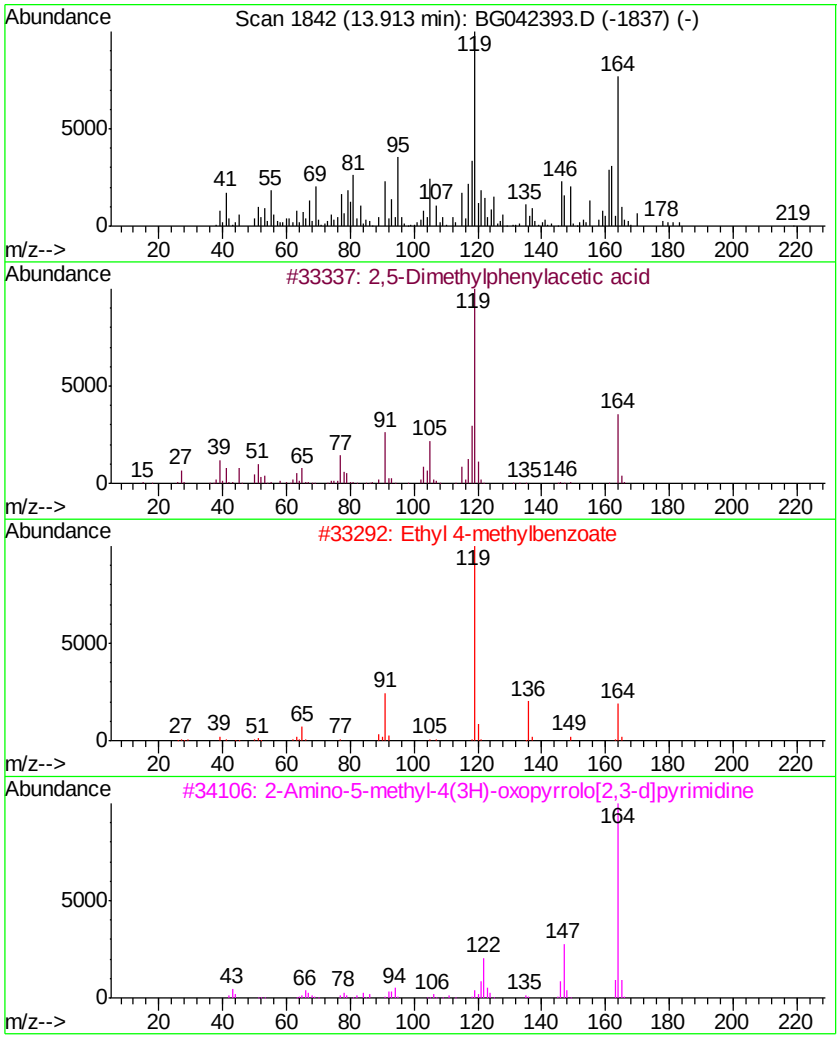
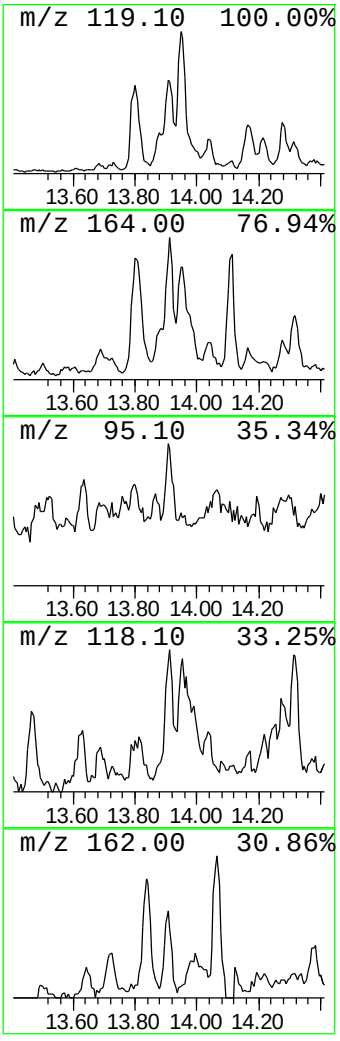
Peak Number 11 2,5-Dimethylphenylacetic acid Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.91	2.83 ng	125931	Acenaphthene-d10	14.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5-Dimethylphenylacetic acid	164	C10H12O2	1000342-65-5	53
2	Ethyl 4-methylbenzoate	164	C10H12O2	000094-08-6	46
3	2-Amino-5-methyl-4(3H)-oxopyrrol...	164	C7H8N4O	065062-57-9	25
4	1,7,7-Trimethyl-2-vinylbicyclo[2...	162	C12H18	130930-56-2	25
5	Eugenol	164	C10H12O2	000097-53-0	18





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Instrument : BNA_G
ClientSampleId : TMW-01

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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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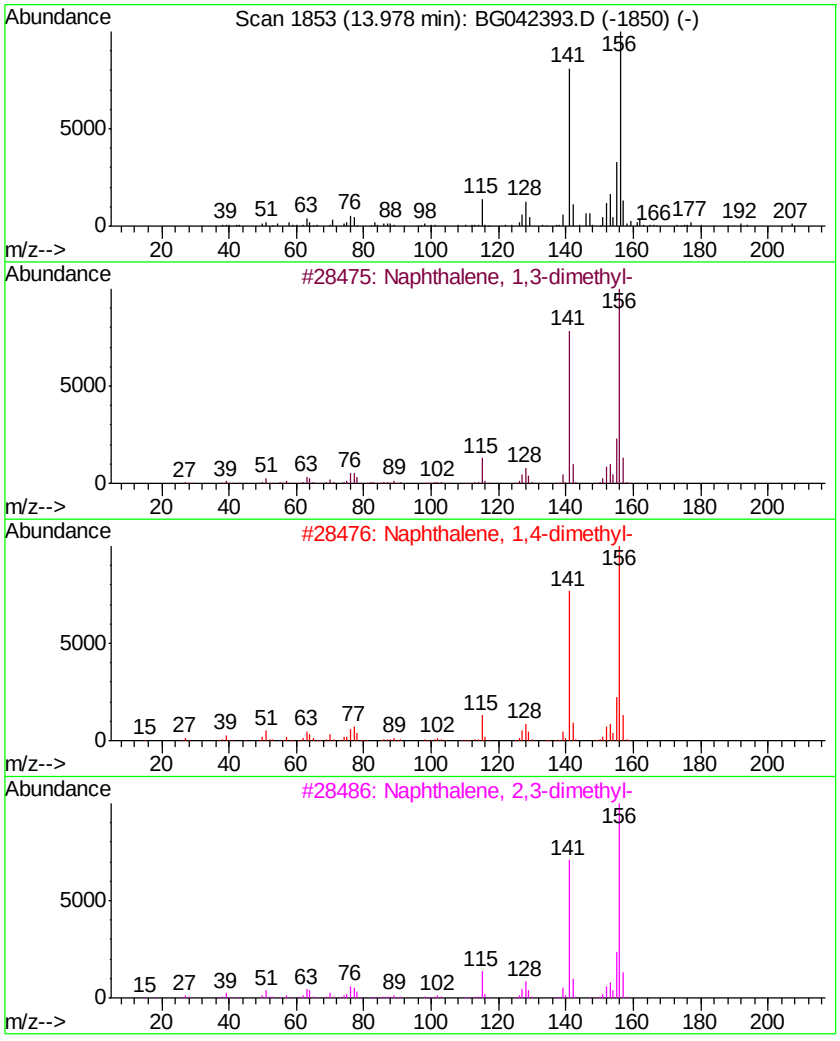
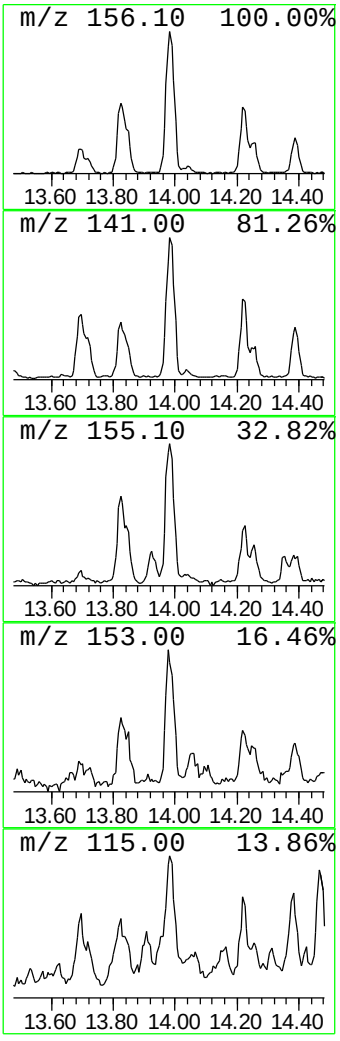
Peak Number 12 Naphthalene, 1,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.98	4.96 ng	220516	Acenaphthene-d10	14.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95





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Misc :
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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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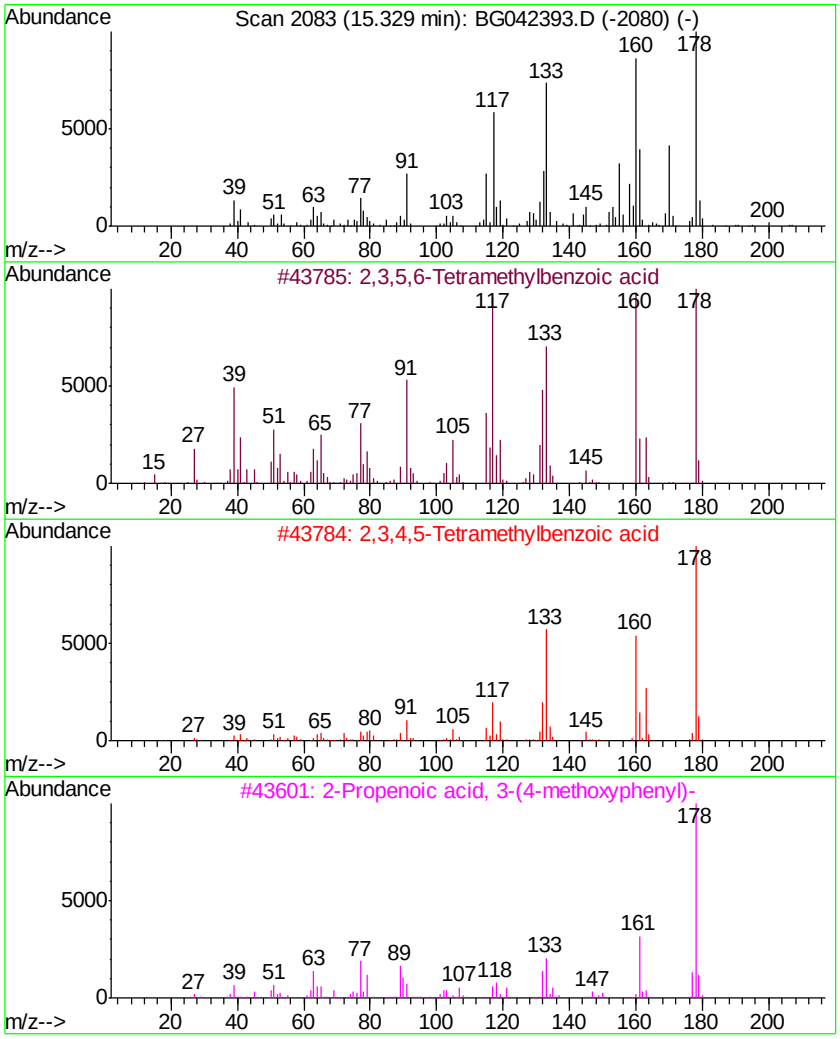
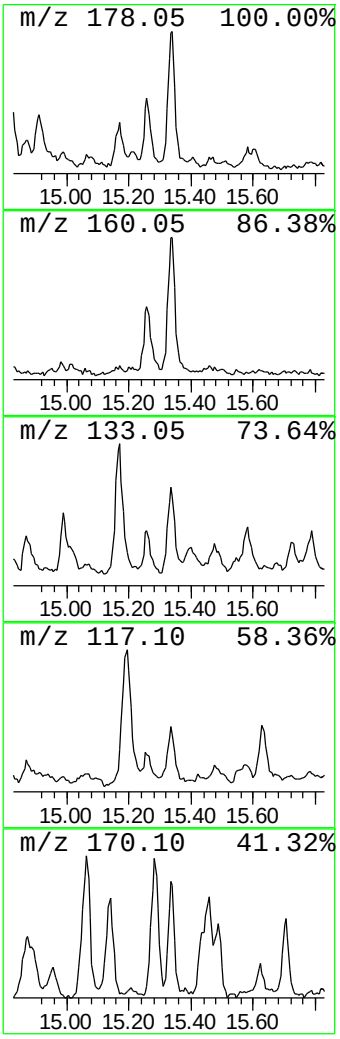
Peak Number 13 2,3,5,6-Tetramethylbenzoic ... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.33	4.62 ng	205356	Acenaphthene-d10	14.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,5,6-Tetramethylbenzoic acid	178	C11H14O2	002604-45-7	86
2	2,3,4,5-Tetramethylbenzoic acid	178	C11H14O2	002529-39-7	43
3	2-Propenoic acid, 3-(4-methoxyph...	178	C10H10O3	000830-09-1	27
4	1H-Inden-1-one, 2,3-dihydro-4,7-...	160	C11H12O	005037-60-5	22
5	Tetracyclo[5.3.1.1(2,6).0(4,9)]d...	192	C13H20O	1000196-98-9	18





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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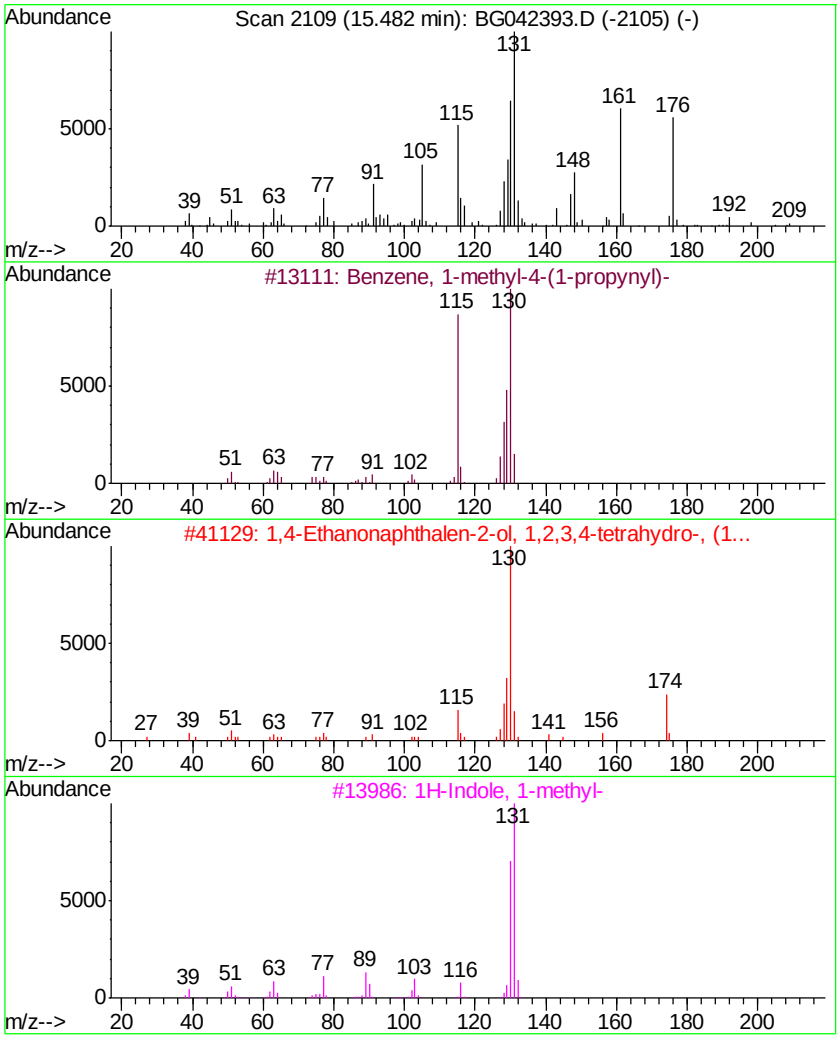
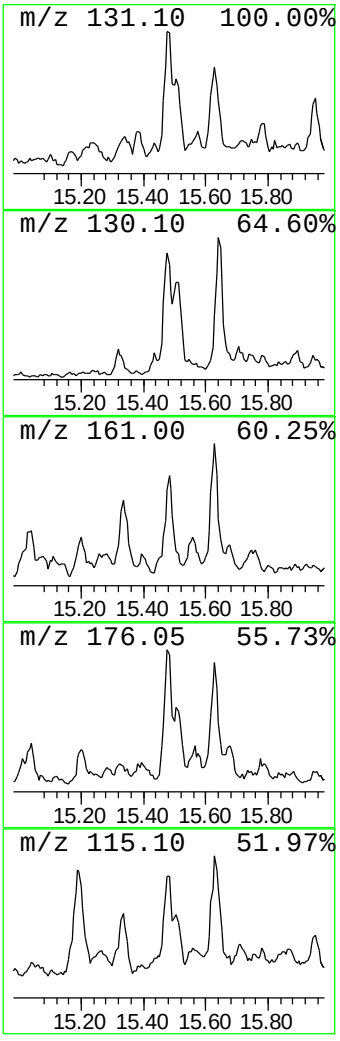
Peak Number 14 unknown15.48 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.48	6.53 ng	290006	Acenaphthene-d10	14.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-propynyl)-	130	C10H10	002749-93-1	35
2	1,4-Ethanonaphthalen-2-ol, 1,2,3...	174	C12H14O	013153-78-1	27
3	1H-Indole, 1-methyl-	131	C9H9N	000603-76-9	27
4	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	20
5	2-Methylindene	130	C10H10	002177-47-1	20





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

TIC Library : C:\Database\NIST11.L
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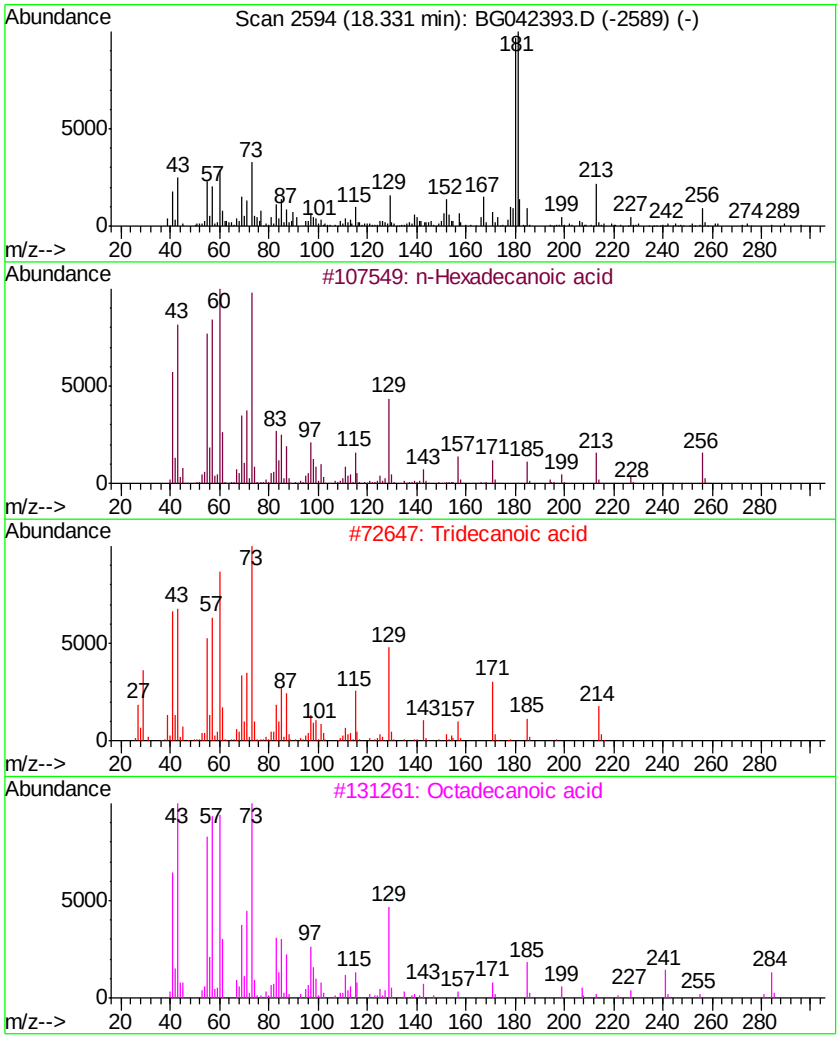
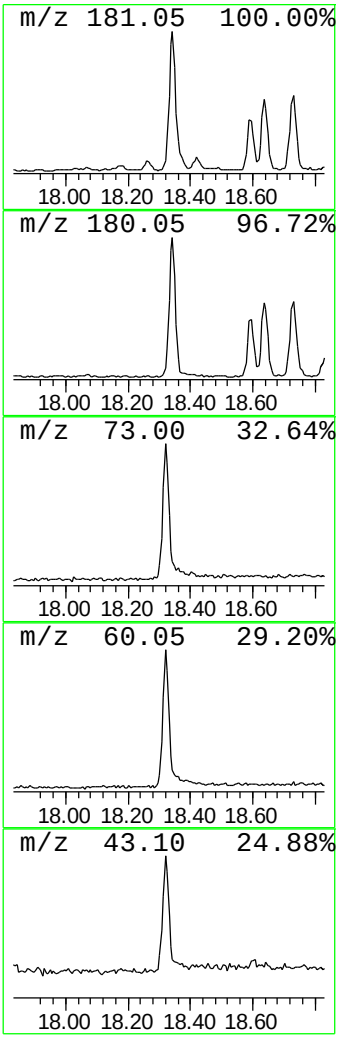
Peak Number 15 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.33	5.72 ng	318401	Phenanthrene-d10	17.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	86
3	Octadecanoic acid	284	C18H36O2	000057-11-4	38
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	38
5	n-Decanoic acid	172	C10H20O2	000334-48-5	38





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Instrument : BNA_G
ClientSampleId : TMW-01

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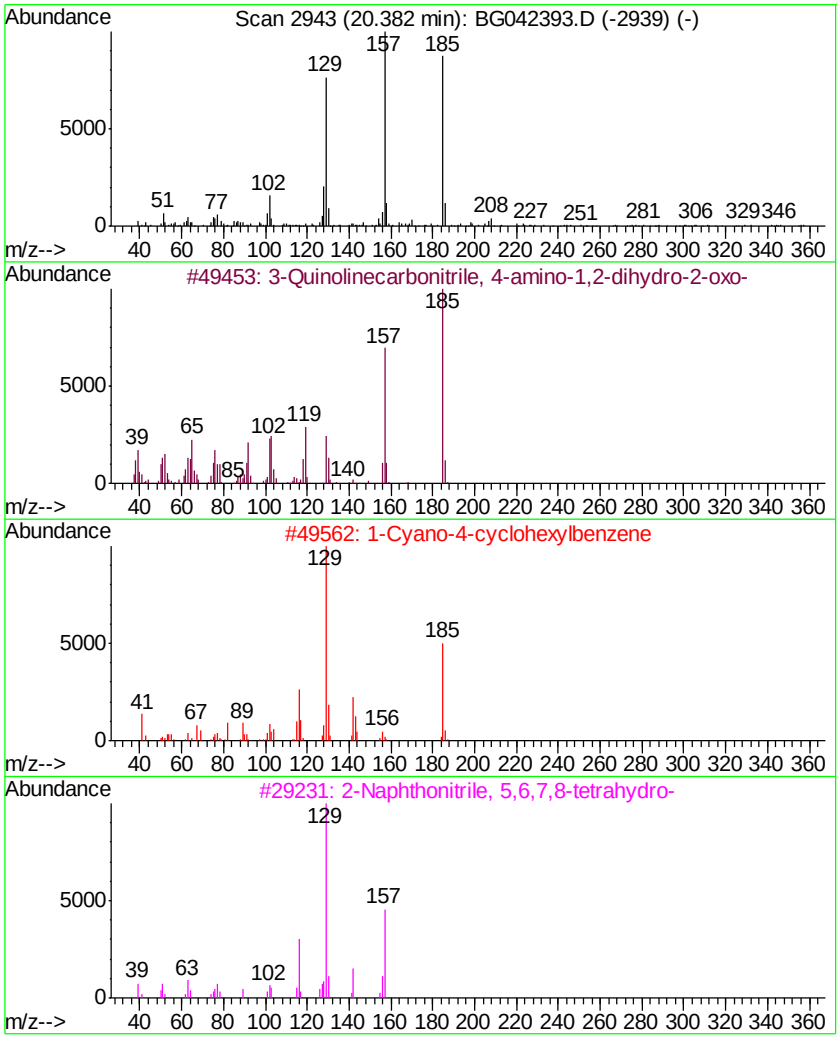
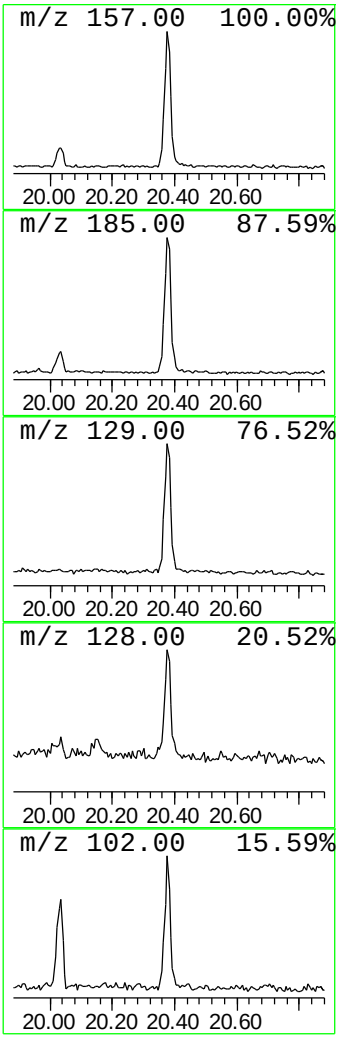
Peak Number 16 3-Quinolinecarbonitrile, 4-... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.38	2.95 ng	174436	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Quinolinecarbonitrile, 4-amino...	185	C10H7N3O	1000338-36-1	52
2	1-Cyano-4-cyclohexylbenzene	185	C13H15N	027634-88-4	43
3	2-Naphthonitrile, 5,6,7,8-tetrah...	157	C11H11N	017104-67-5	38
4	Benzeneacetonitrile, .alpha.-met...	129	C9H7N	000495-10-3	35
5	2-Thiophenecarbothioamide, N-met...	157	C6H7NS2	107366-68-7	35





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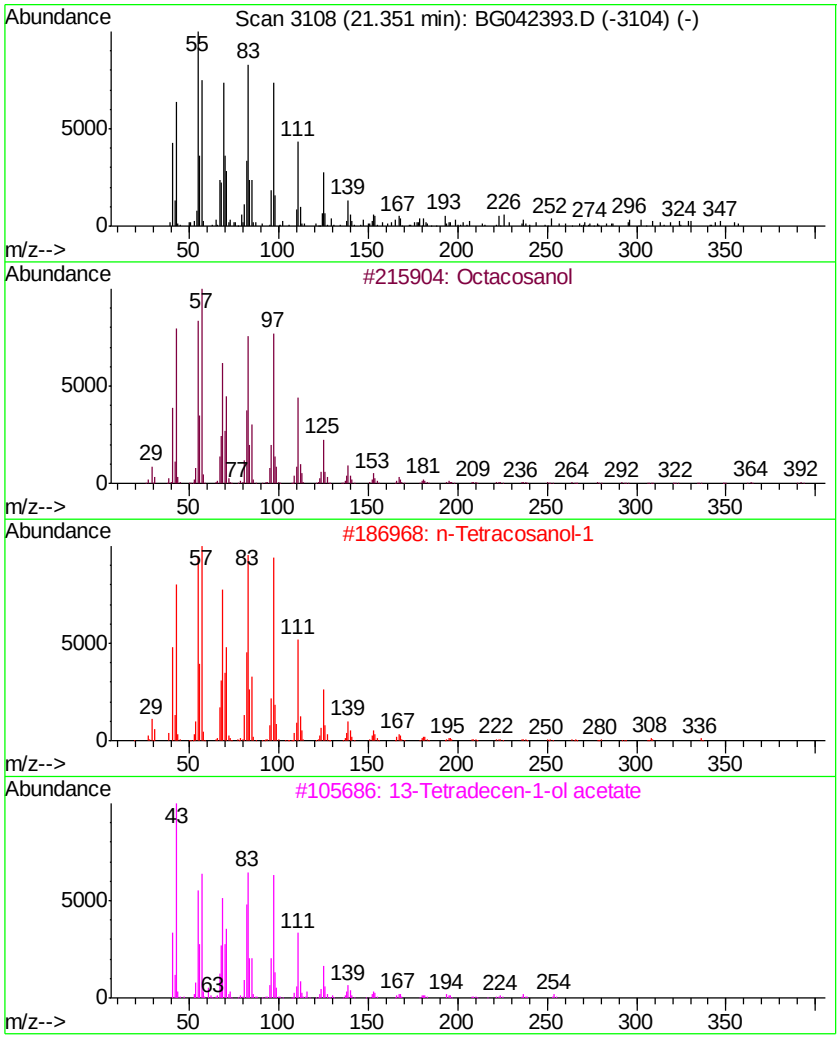
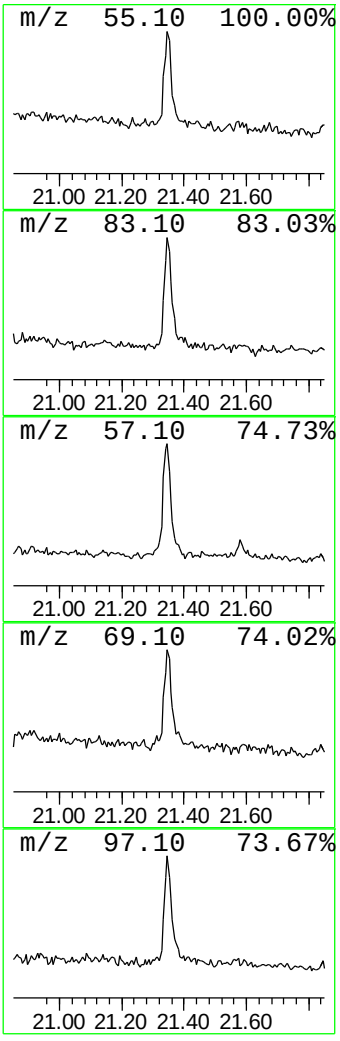
Peak Number 17 Octacosanol Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.35	3.74 ng	220990	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosanol	410	C28H58O	000557-61-9	95
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	95
3	13-Tetradecen-1-ol acetate	254	C16H30O2	056221-91-1	93
4	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	91
5	1-Heptacosanol	396	C27H56O	002004-39-9	91





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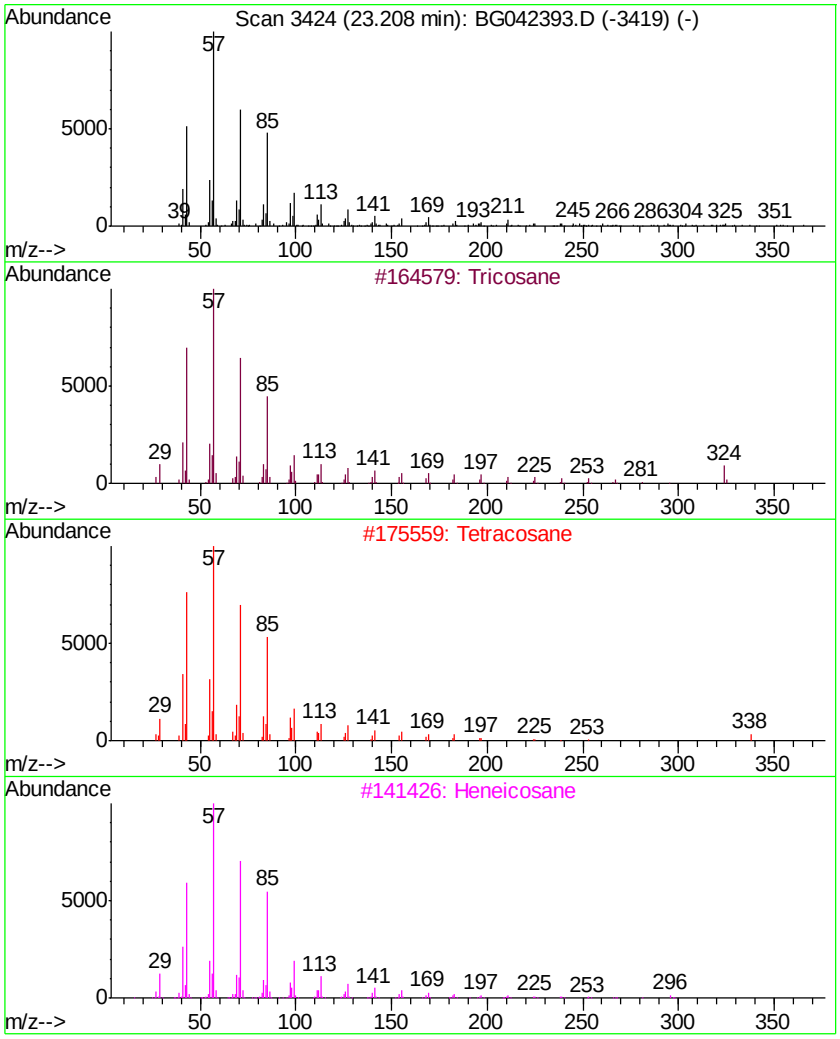
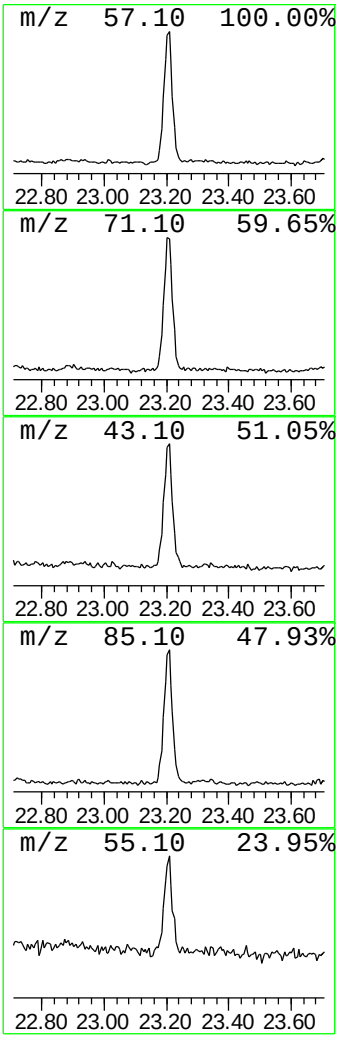
Peak Number 18 Tetracosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.21	4.39 ng	259478	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane	324	C23H48	000638-67-5	95
2	Tetracosane	338	C24H50	000646-31-1	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Hentriacontane	437	C31H64	000630-04-6	90
5	2-methyloctacosane	408	C29H60	1000376-72-8	90





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Acq On : 21 Aug 2019 21:16
Operator : HP/JU
Sample : K4413-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TMW-01

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

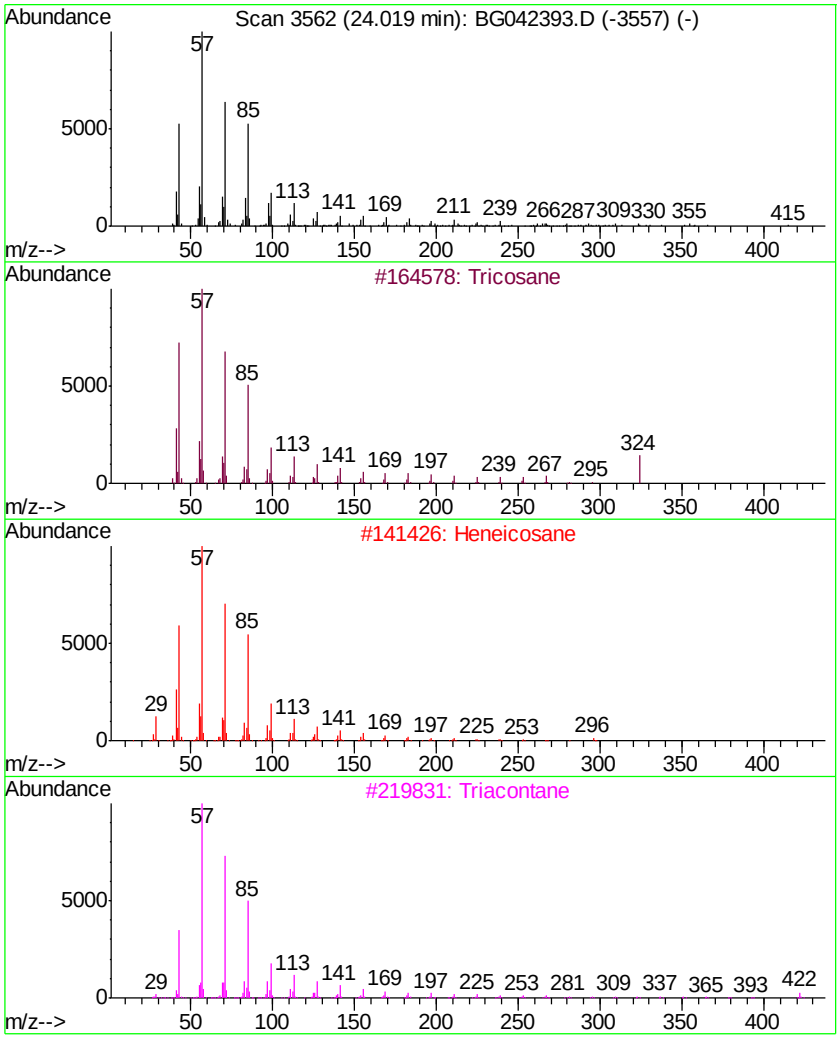
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

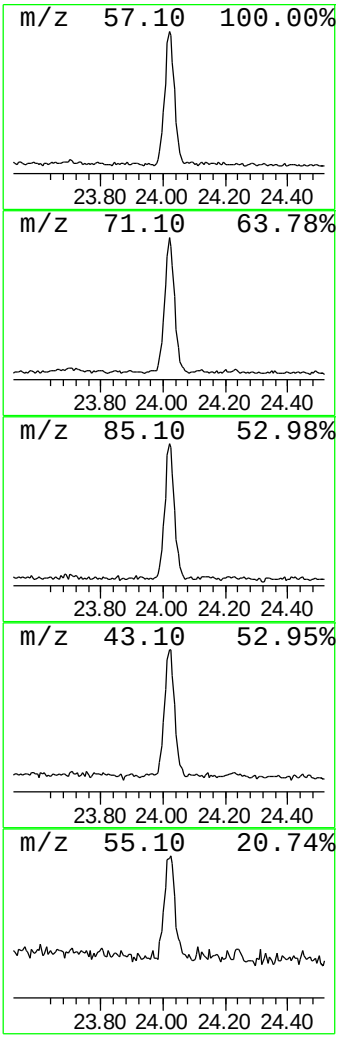
****

Peak Number 19 Tricosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.02	4.10 ng	308493	Perylene-d12	24.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane	324	C23H48	000638-67-5	93
2	Heneicosane	296	C21H44	000629-94-7	90
3	Triacontane	422	C30H62	000638-68-6	90
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	89
5	Docosane, 11-decyl-	451	C32H66	055401-55-3	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082119\
Data File : BG042393.D
Acq On : 21 Aug 2019 21:16
Operator : HP/JU
Sample : K4413-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TMW-01

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

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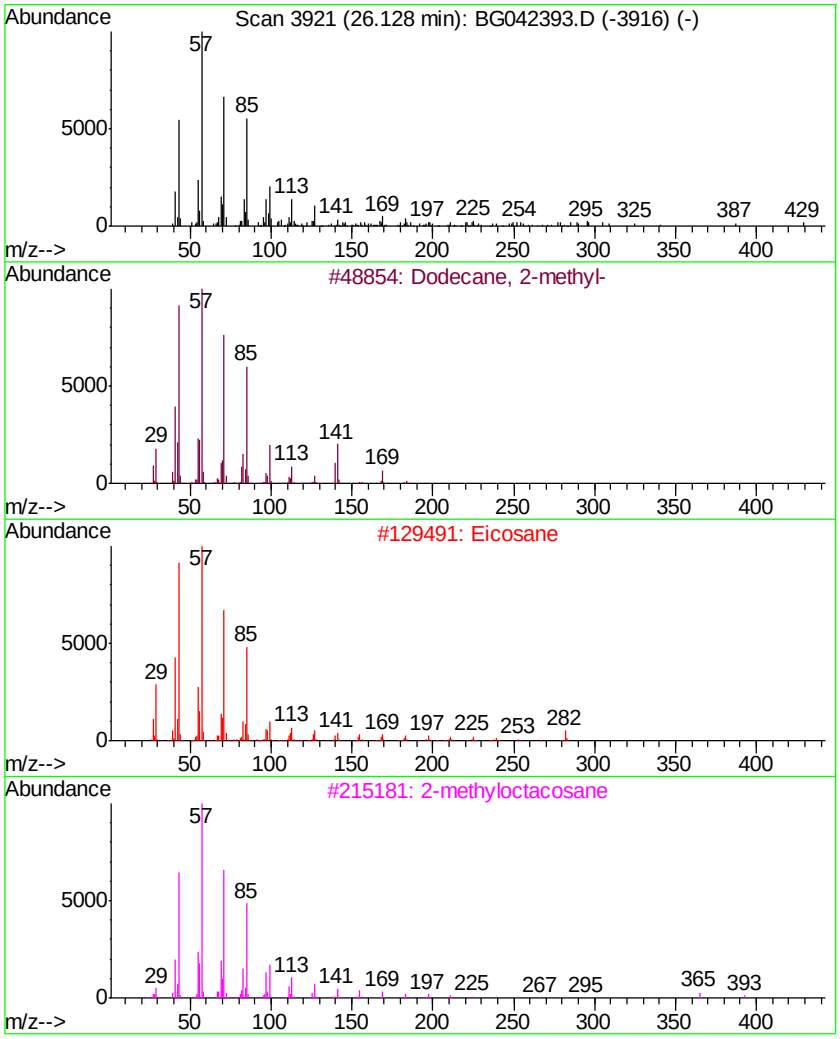
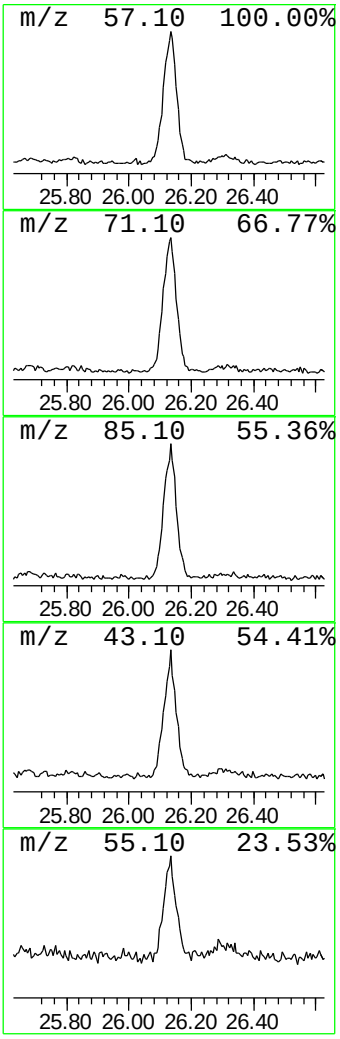
Peak Number 20 Dodecane, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.13	3.23 ng	243068	Perylene-d12	24.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-	184	C13H28	001560-97-0	90
2	Eicosane	282	C20H42	000112-95-8	90
3	2-methyloctacosane	408	C29H60	1000376-72-8	87
4	Docosane	310	C22H46	000629-97-0	87
5	Hexacosane	366	C26H54	000630-01-3	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG082119\
Data File : BG042393.D
Acq On : 21 Aug 2019 21:16
Operator : HP/JU
Sample : K4413-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TMW-01

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	114.0	ng	1675840	1	8.01	294100	20.0
unknown7.54	7.54	51.8	ng	762295	1	8.01	294100	20.0
Indane	8.38	5.3	ng	78059	1	8.01	294100	20.0
Benzene, (1-methy...	10.23	7.7	ng	243099	2	10.83	634046	20.0
Bicyclo[2.2.1]hep...	11.57	4.7	ng	150041	2	10.83	634046	20.0
Benzene, 2-etheny...	11.94	2.8	ng	89873	2	10.83	634046	20.0
unknown12.04	12.04	2.9	ng	90926	2	10.83	634046	20.0
3-Oxabicyclo[4.1....	12.79	3.0	ng	135410	3	14.66	888555	20.0
Naphthalene, 2,7-...	13.82	9.9	ng	438290	3	14.66	888555	20.0
2,5-Dimethylpheny...	13.91	2.8	ng	125931	3	14.66	888555	20.0
Naphthalene, 1,3-...	13.98	5.0	ng	220516	3	14.66	888555	20.0
2,3,5,6-Tetrameth...	15.33	4.6	ng	205356	3	14.66	888555	20.0
unknown15.48	15.48	6.5	ng	290006	3	14.66	888555	20.0
n-Hexadecanoic acid	18.33	5.7	ng	318401	4	17.41	1114000	20.0
3-Quinolinecarbon...	20.38	3.0	ng	174436	5	21.69	1181610	20.0
Octacosanol	21.35	3.7	ng	220990	5	21.69	1181610	20.0
Tetracosane	23.21	4.4	ng	259478	5	21.69	1181610	20.0
Tricosane	24.02	4.1	ng	308493	6	24.95	1506060	20.0
Dodecane, 2-methyl-	26.13	3.2	ng	243068	6	24.95	1506060	20.0