LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
Data File : BF084277.D
Acq On : 5 Jan 2016 10:34
Operator : UM/SJ
Sample : G4949-04
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PJ-SB-2(19.0-19.5)

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:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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	3.801	147	150	157	rBV	152085	311721	1.11%	0.065%
2	4.910	243	247	250	rBV2	221696	469014	1.67%	0.098%
3	5.013	250	256	259	rVB3	356792	718236	2.56%	0.149%
4	5.082	259	262	266	rBV	1908868	2854734	10.18%	0.594%
5	5.276	276	279	281	rBV	655772	708905	2.53%	0.147%
6	5.367	284	287	291	rBV2	513084	900966	3.21%	0.187%
7	5.470	291	296	297	rBV	764270	998941	3.56%	0.208%
8	5.504	297	299	301	rVB	6394525	6286386	22.42%	1.307%
9	5.642	309	311	314	rBV2	495530	814639	2.91%	0.169%
10	5.687	314	315	317	rVB	877104	758391	2.71%	0.158%
11	5.733	317	319	323	rVB2	650777	904325	3.23%	0.188%
12	5.904	331	334	336	rVB2	1027333	1591204	5.68%	0.331%
13	5.950	336	338	343	rBV3	662413	1658150	5.91%	0.345%
14	6.042	343	346	348	rVB2	1683163	2489207	8.88%	0.518%
15	6.087	348	350	352	rBV	795838	1270252	4.53%	0.264%
16	6.133	352	354	357	rBV	3920847	5173522	18.45%	1.076%
17	6.190	357	359	361	rBV	1739128	1490943	5.32%	0.310%
18	6.224	361	362	368	rVB5	766474	2232338	7.96%	0.464%
19	6.327	368	371	373	rBV	2596968	3861074	13.77%	0.803%
20	6.396	373	377	378	rVB2	2304656	2987878	10.66%	0.621%
21	6.419	378	379	383	rVB2	2758694	4247766	15.15%	0.883%
22	6.487	383	385	386	rBV	1845697	2134775	7.61%	0.444%
23	6.533	386	389	393	rVB	5083526	9378885	33.46%	1.950%
24	6.590	393	394	396	rVB	805425	690078	2.46%	0.143%
25	6.670	396	401	405	rVB2	7435491	14433768	51.49%	3.001%
26	6.750	405	408	410	rBV3	1826446	3051519	10.89%	0.635%
27	6.785	410	411	412	rBV	416752	456099	1.63%	0.095%
28	6.865	412	418	419	rBV5	1872529	6274624	22.38%	1.305%
29	6.922	419	423	424	rVB	6612213	11433525	40.78%	2.377%
30	6.956	424	426	428	rBV	2413895	2970746	10.60%	0.618%
31	7.047	432	434	439	rVB2	8245538	13777605	49.15%	2.865%
32	7.150	440	443	444	rBV3	2212407	4964252	17.71%	1.032%
33	7.185	444	446	447	rVB	4167850	5555182	19.82%	1.155%
34	7.219	447	449	450	rVB2	2263122	3001048	10.70%	0.624%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
Data File : BF084277.D
Acq On : 5 Jan 2016 10:34
Operator : UM/SJ
Sample : G4949-04
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PJ-SB-2(19.0-19.5)

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:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.253	450	452	453	rVB2	1054087	949501	3.39%	0.197%
36	7.299	453	456	457	rBV	5121086	6624076	23.63%	1.377%
37	7.322	457	458	461	rVB2	1457138	2441320	8.71%	0.508%
38	7.379	461	463	465	rBV3	703170	1263756	4.51%	0.263%
39	7.447	465	469	470	rBV2	7750065	15877094	56.63%	3.301%
40	7.550	476	478	480	rVB2	4777895	7322502	26.12%	1.523%
41	7.619	480	484	486	rBV2	4078465	10478638	37.38%	2.179%
42	7.710	486	492	494	rVV5	4868190	15271218	54.47%	3.176%
43	7.836	497	503	505	rBV5	6033051	19973681	71.25%	4.153%
44	7.939	509	512	517	rVB5	4238204	12123965	43.25%	2.521%
45	8.019	517	519	521	rBV3	2455319	4542309	16.20%	0.945%
46	8.065	521	523	525	rBV	2078365	3725851	13.29%	0.775%
47	8.190	531	534	537	rBV2	3706724	9337123	33.31%	1.942%
48	8.282	537	542	548	rVB2	7456508	28034107	100.00%	5.829%
49	8.499	557	561	566	rBV4	4658458	15019155	53.57%	3.123%
50	8.648	571	574	579	rVB	5743543	16873500	60.19%	3.509%
51	9.265	624	628	635	rVB4	6149664	18693957	66.68%	3.887%
52	10.191	706	709	711	rBV3	4350102	8960914	31.96%	1.863%
53	10.248	711	714	717	rVB3	6644813	13994522	49.92%	2.910%
54	10.316	717	720	721	rBV	4749799	9465723	33.77%	1.968%
55	10.408	725	728	730	rBV3	3545127	7665337	27.34%	1.594%
56	10.534	737	739	741	rBV2	3135438	6907222	24.64%	1.436%
57	10.911	768	772	775	rVB2	8096578	21715328	77.46%	4.516%
58	11.219	797	799	802	rVB3	3984833	7129252	25.43%	1.482%
59	11.368	809	812	814	rVB2	8339177	15729163	56.11%	3.271%
60	11.494	819	823	827	rVB3	3889772	10577056	37.73%	2.199%
61	11.699	839	841	846	rVB5	5026552	8334847	29.73%	1.733%
62	11.791	846	849	852	rVB3	3261733	6328591	22.57%	1.316%
63	11.871	854	856	858	rBV	1590949	2610315	9.31%	0.543%
64	11.962	861	864	865	rBV	3107249	4809485	17.16%	1.000%
65	12.065	870	873	879	rVB5	4393567	13697834	48.86%	2.848%
66	12.179	881	883	886	rVB3	1951766	3158097	11.27%	0.657%
67	12.419	902	904	908	rVB3	3712923	6416568	22.89%	1.334%
68	12.488	908	910	916	rVB	3401394	7354206	26.23%	1.529%
69	12.797	936	937	941	rVB2	1442424	2483816	8.86%	0.516%
70	12.865	941	943	944	rVV2	723426	1164998	4.16%	0.242%
71	12.888	944	945	947	rVV	1355873	1292894	4.61%	0.269%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
Data File : BF084277.D
Acq On : 5 Jan 2016 10:34
Operator : UM/SJ
Sample : G4949-04
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PJ-SB-2(19.0-19.5)

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:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	12.922	947	948	950	rVV	1443477	1400015	4.99%	0.291%
73	13.014	953	956	958	rVB	3837703	5156344	18.39%	1.072%
74	13.448	992	994	997	rVB2	395192	438040	1.56%	0.091%
75	14.054	1044	1047	1049	rBV	1494269	1572608	5.61%	0.327%
76	14.808	1111	1113	1116	rBV2	211048	349167	1.25%	0.073%
77	15.494	1171	1173	1179	rVB	1083286	1403085	5.00%	0.292%
78	16.180	1231	1233	1242	rVB2	272950	730992	2.61%	0.152%
79	16.603	1268	1270	1275	rVB	343083	656686	2.34%	0.137%

Sum of corrected areas: 480905556

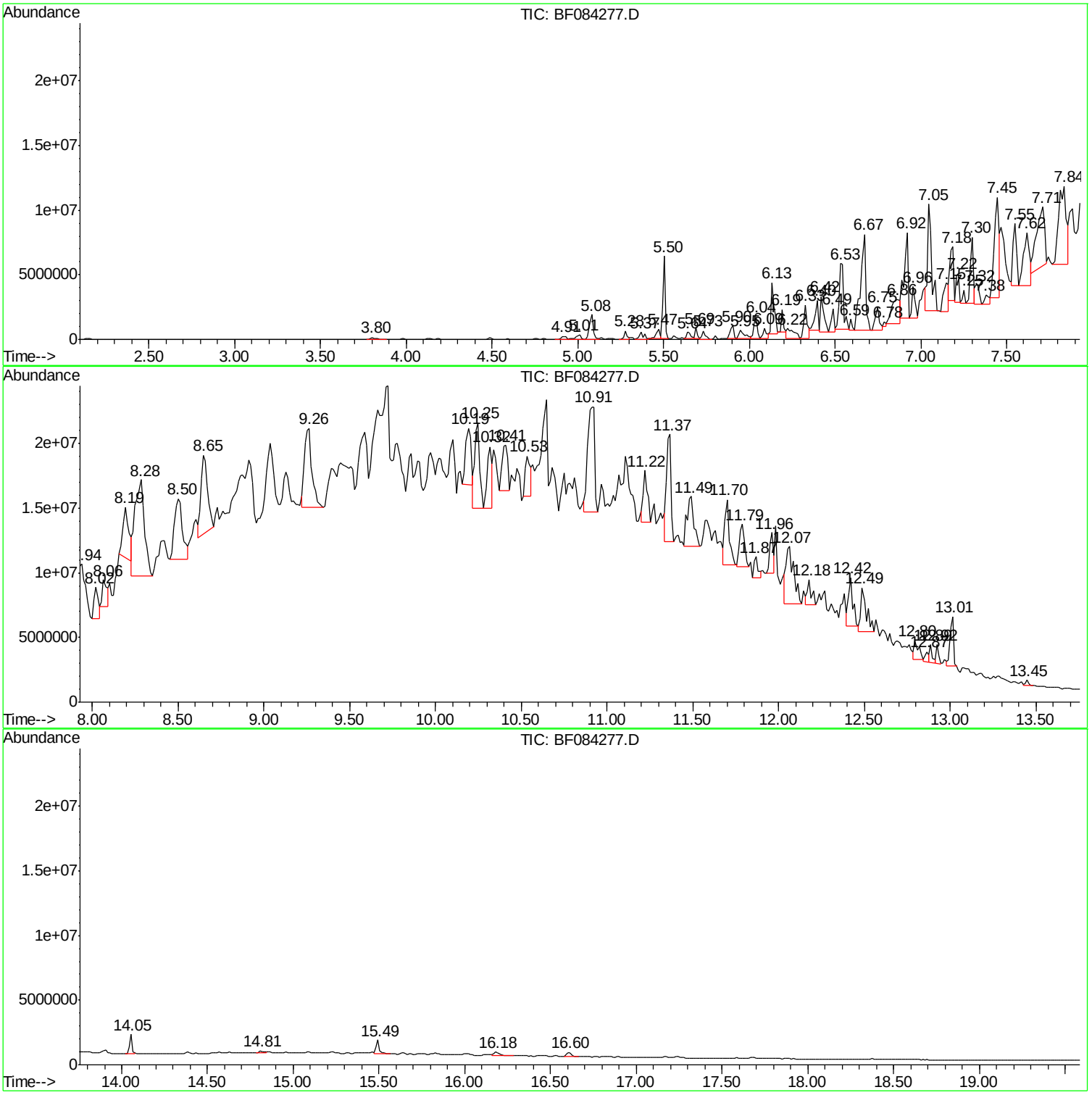
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
Data File : BF084277.D
Acq On : 5 Jan 2016 10:34
Operator : UM/SJ
Sample : G4949-04
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PJ-SB-2(19.0-19.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
Data File : BF084277.D
Acq On : 5 Jan 2016 10:34
Operator : UM/SJ
Sample : G4949-04
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PJ-SB-2(19.0-19.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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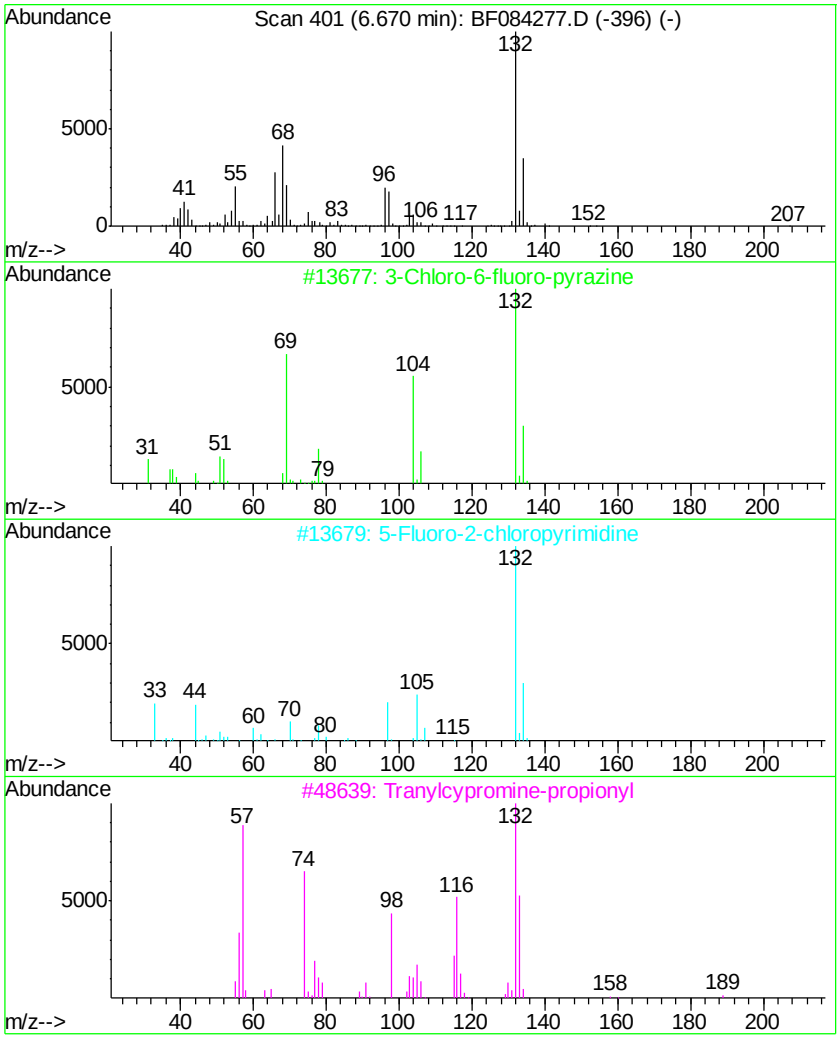
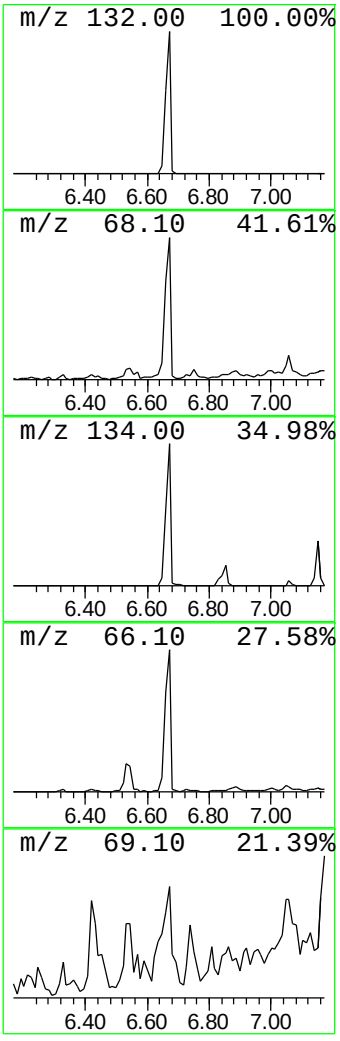
Peak Number 1 unknown6.67 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	25.25 ng	14433800	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
Data File : BF084277.D
Acq On : 5 Jan 2016 10:34
Operator : UM/SJ
Sample : G4949-04
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PJ-SB-2(19.0-19.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

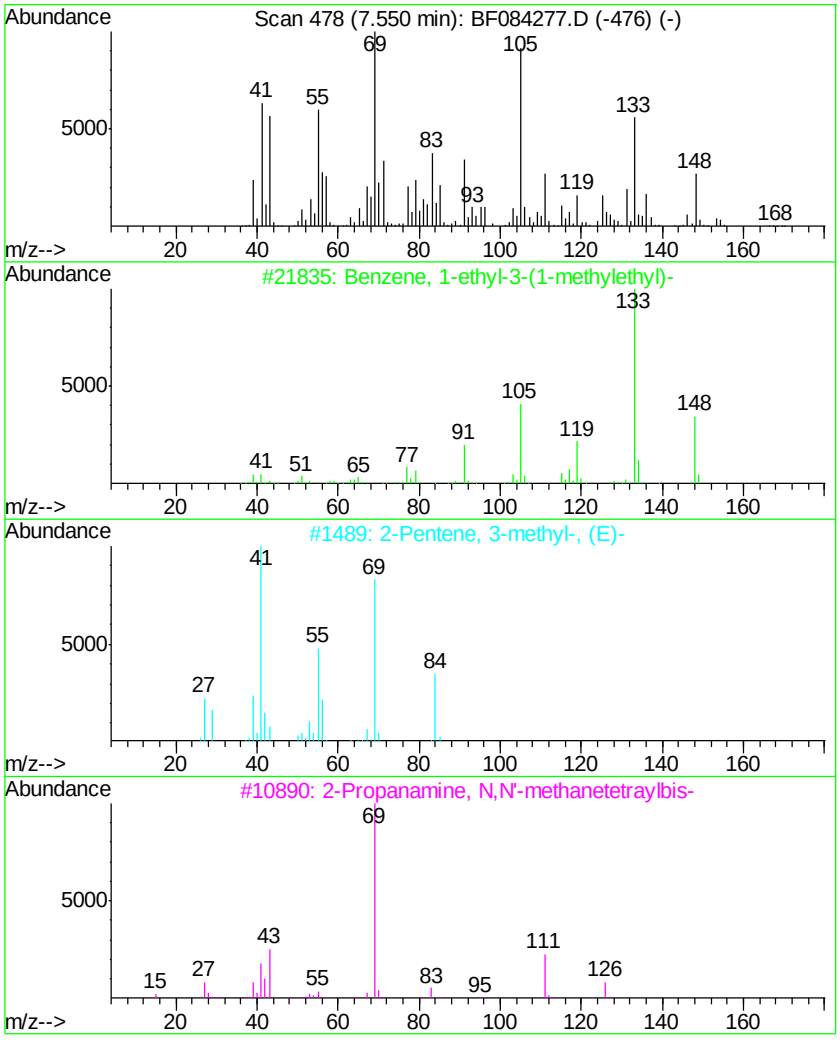
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

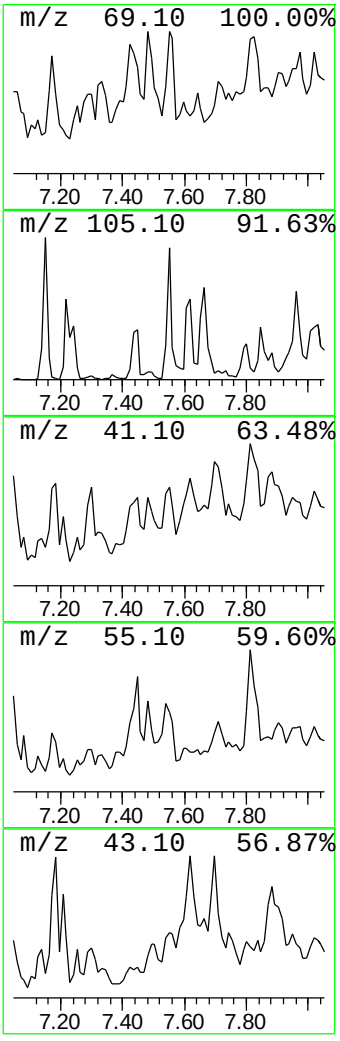
****

Peak Number 3 unknown7.55 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.55	15.68 ng	7322500	Naphthalene-d8	8.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	47
2	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	30
3	2-Propanamine, N,N'-methanetetra...	126	C7H14N2	000693-13-0	27
4	5-Methyl-(E)-2-hepten-4-one	126	C8H14O	102322-83-8	27
5	Ethanone, 1-(2,5-dimethylphenyl)-	148	C10H12O	002142-73-6	25





Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
Data File : BF084277.D
Acq On : 5 Jan 2016 10:34
Operator : UM/SJ
Sample : G4949-04
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PJ-SB-2(19.0-19.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

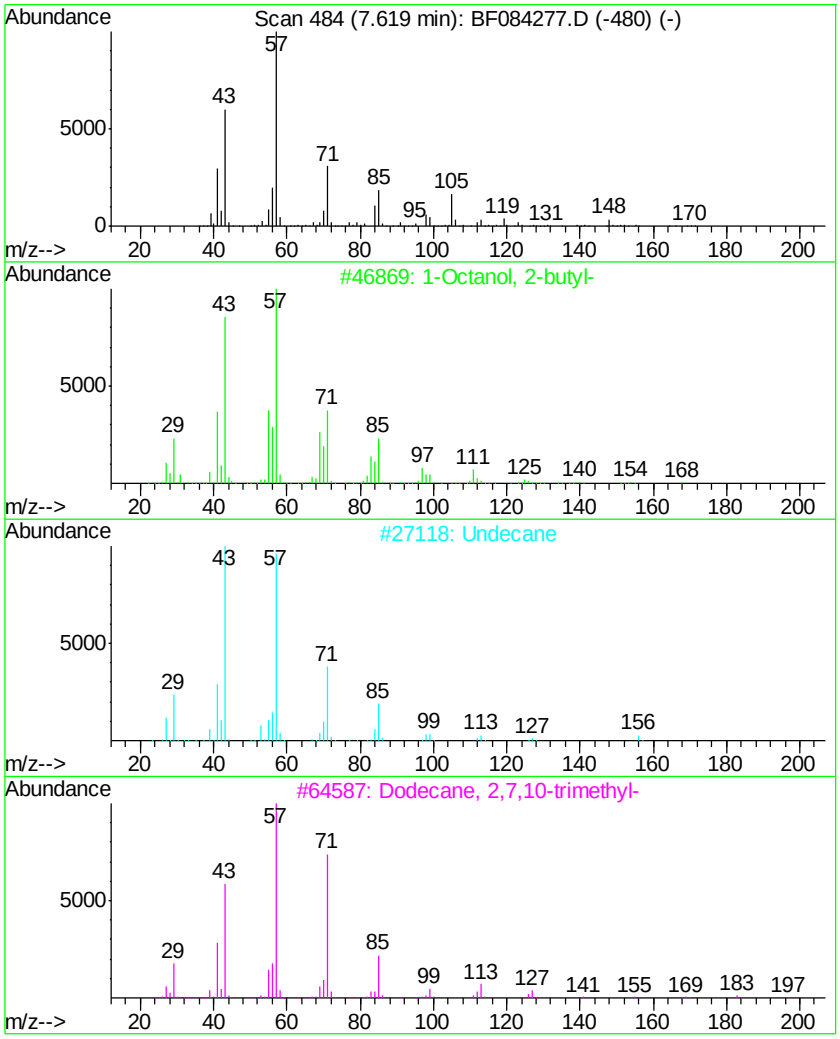
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

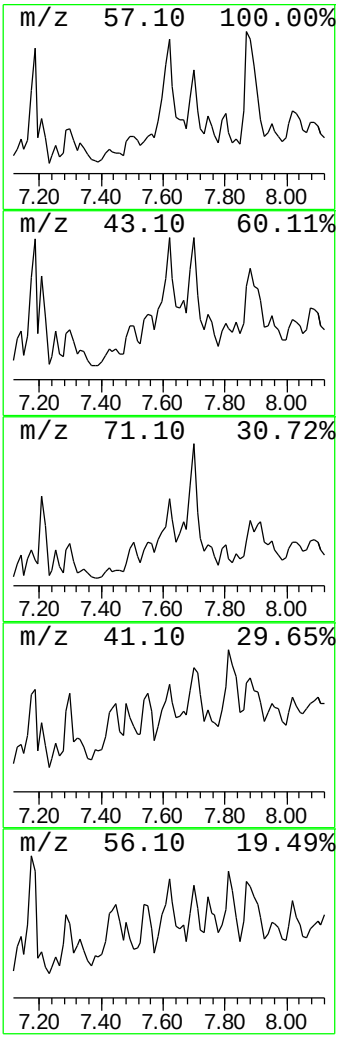
****

Peak Number 4 1-Octanol, 2-butyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.62	22.45 ng	10478600	Naphthalene-d8	8.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	59
2	Undecane	156	C11H24	001120-21-4	50
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	50
4	Decane	142	C10H22	000124-18-5	47
5	Octane, 2,7-dimethyl-	142	C10H22	001072-16-8	47





Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
Data File : BF084277.D
Acq On : 5 Jan 2016 10:34
Operator : UM/SJ
Sample : G4949-04
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PJ-SB-2(19.0-19.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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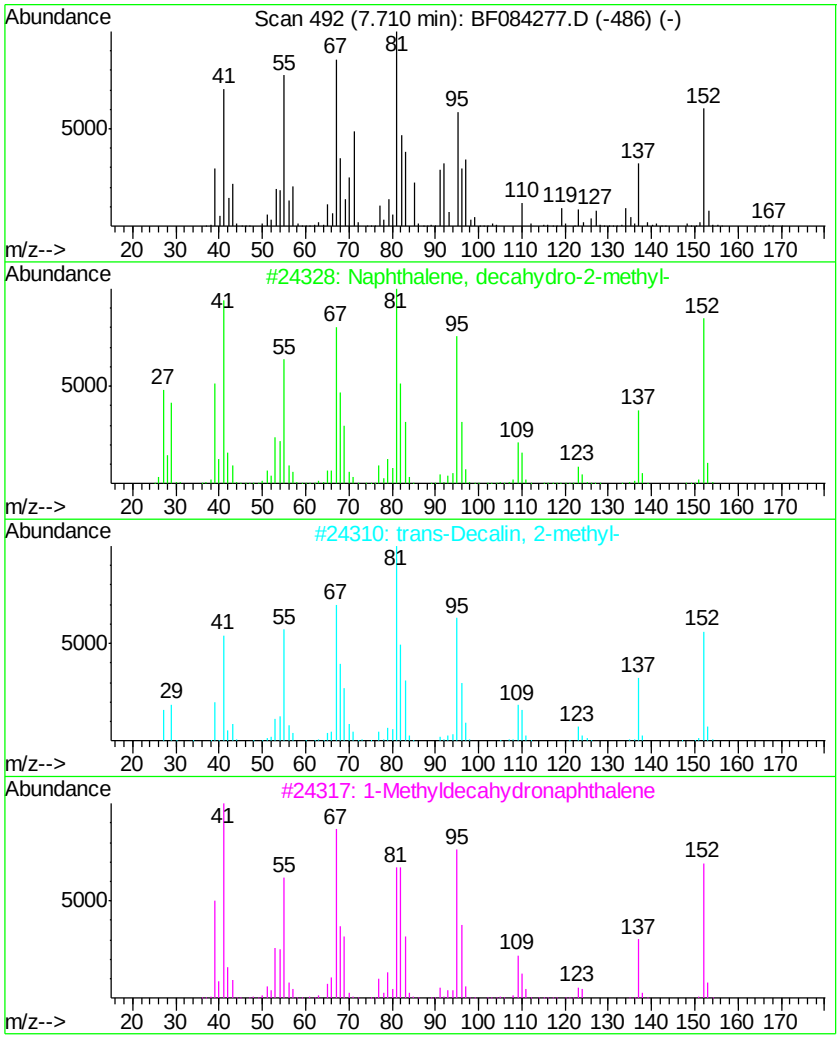
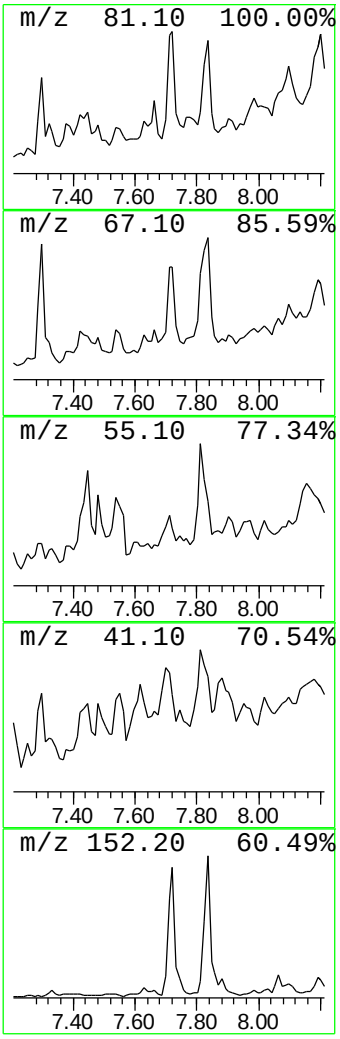
Peak Number 5 Naphthalene, decahydro-2-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.71	32.71 ng	15271200	Naphthalene-d8	8.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	97
2	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	93
3	1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	80
4	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	70
5	Decalin, syn-1-methyl-, cis-	152	C11H20	1000158-89-1	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
Data File : BF084277.D
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Operator : UM/SJ
Sample : G4949-04
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PJ-SB-2(19.0-19.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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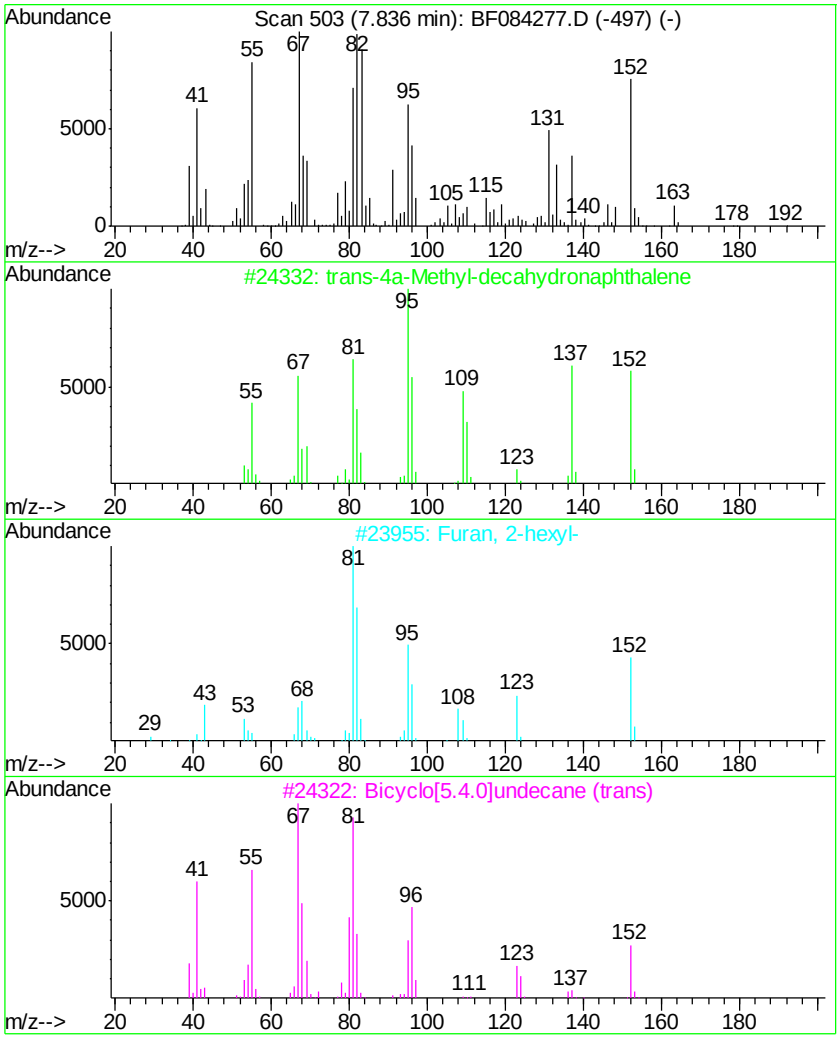
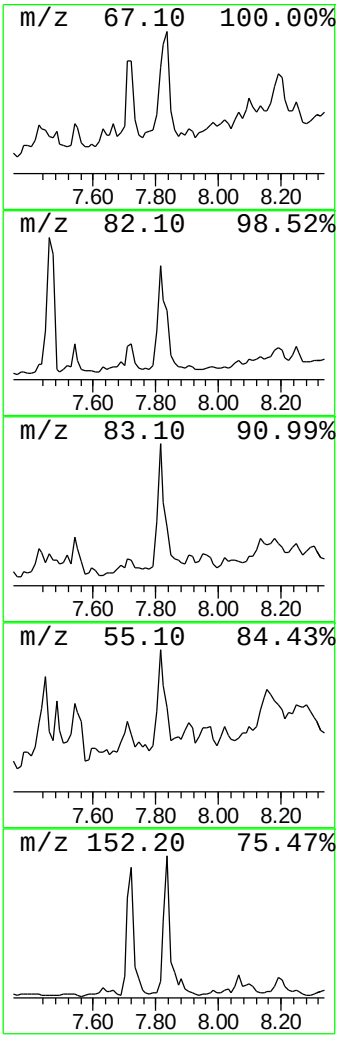
Peak Number 6 unknown7.84 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.84	42.78 ng	19973700	Naphthalene-d8	8.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	46
2	Furan, 2-hexyl-	152	C10H16O	003777-70-6	46
3	Bicyclo[5.4.0]undecane (trans)	152	C11H20	021394-30-9	43
4	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	41
5	Spiro[5.5]undecane	152	C11H20	000180-43-8	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
Data File : BF084277.D
Acq On : 5 Jan 2016 10:34
Operator : UM/SJ
Sample : G4949-04
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PJ-SB-2(19.0-19.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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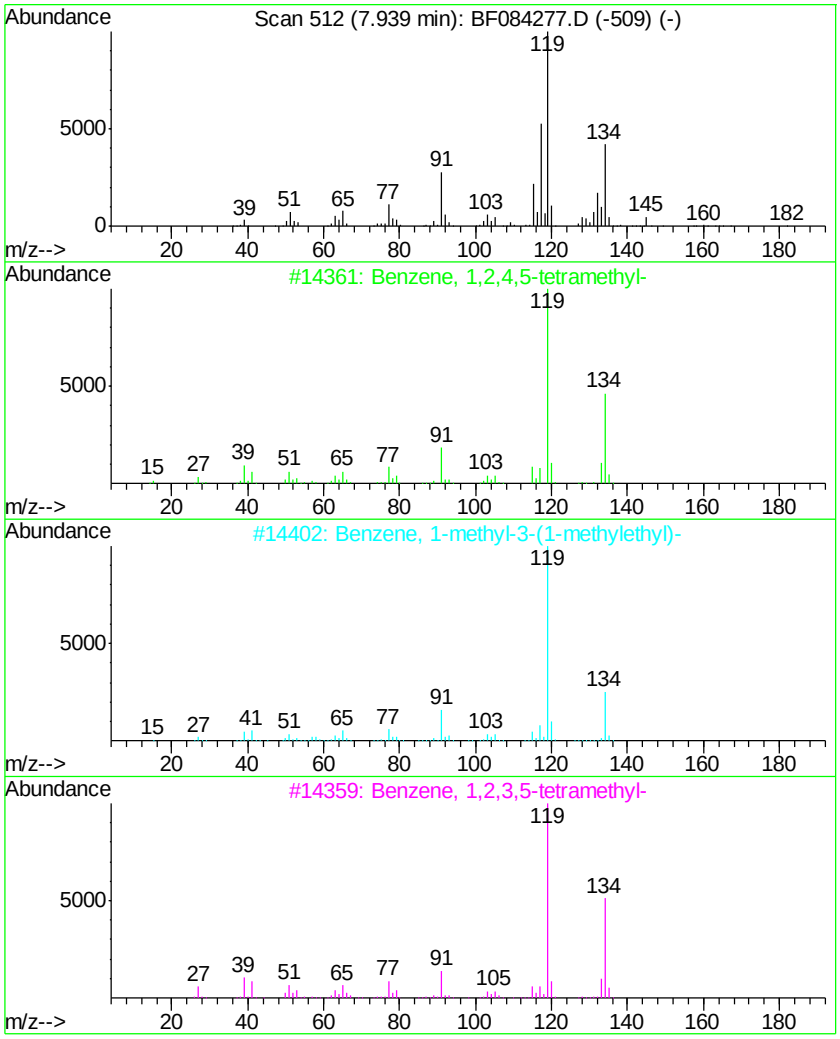
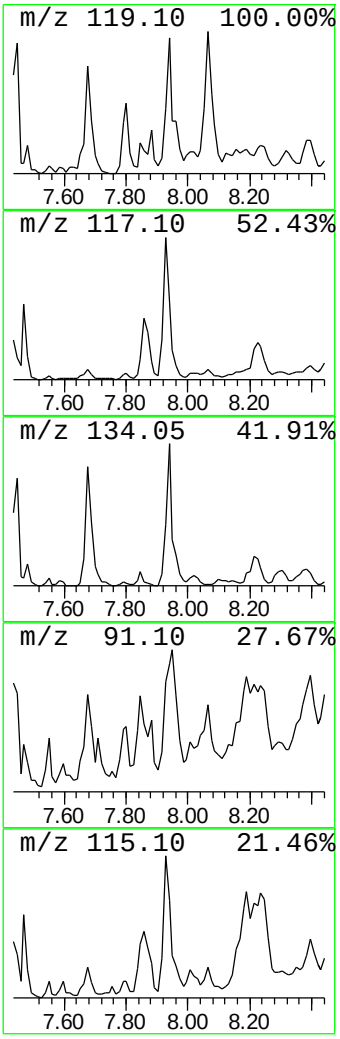
Peak Number 7 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.94	25.97 ng	12124000	Naphthalene-d8	8.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	64
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	58
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	58
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	58
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	52





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
Data File : BF084277.D
Acq On : 5 Jan 2016 10:34
Operator : UM/SJ
Sample : G4949-04
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PJ-SB-2(19.0-19.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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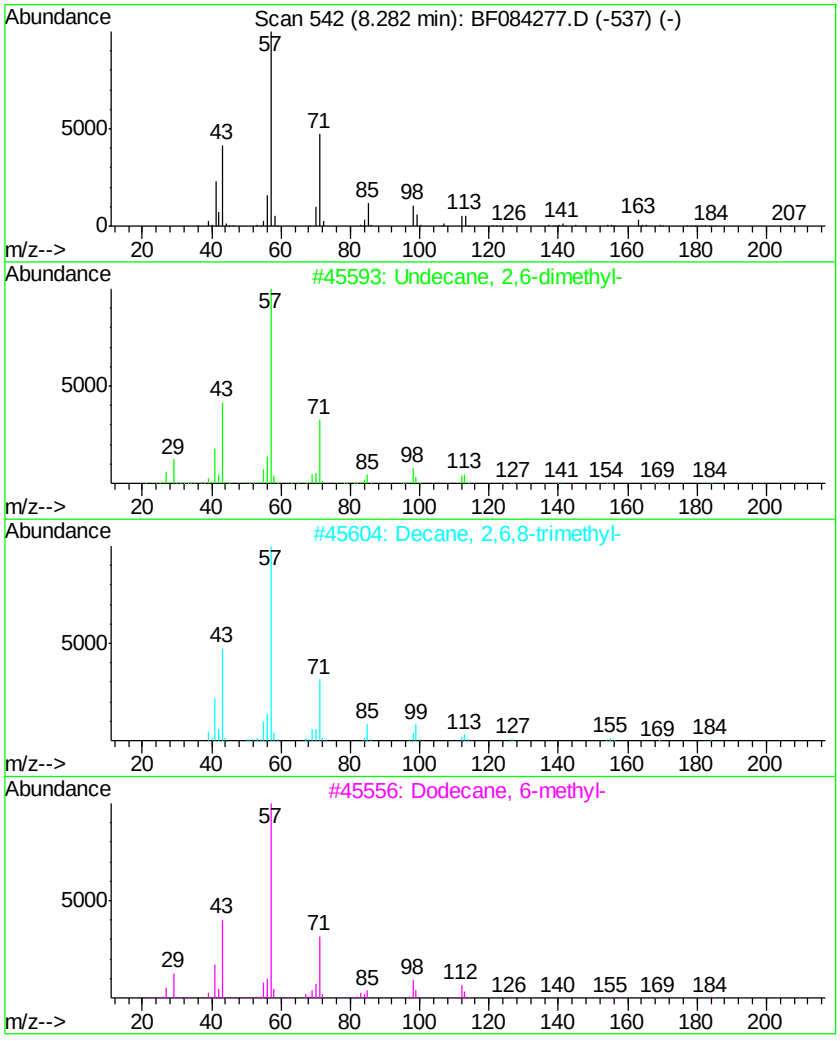
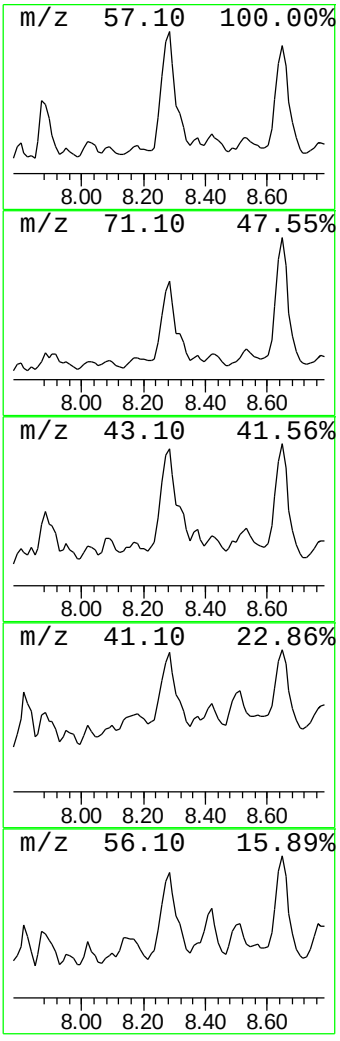
Peak Number 8 Undecane, 2,6-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.28	60.05 ng	28034100	Naphthalene-d8	8.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	90
2	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	78
3	Dodecane, 6-methyl-	184	C13H28	006044-71-9	72
4	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	72
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64





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Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PJ-SB-2(19.0-19.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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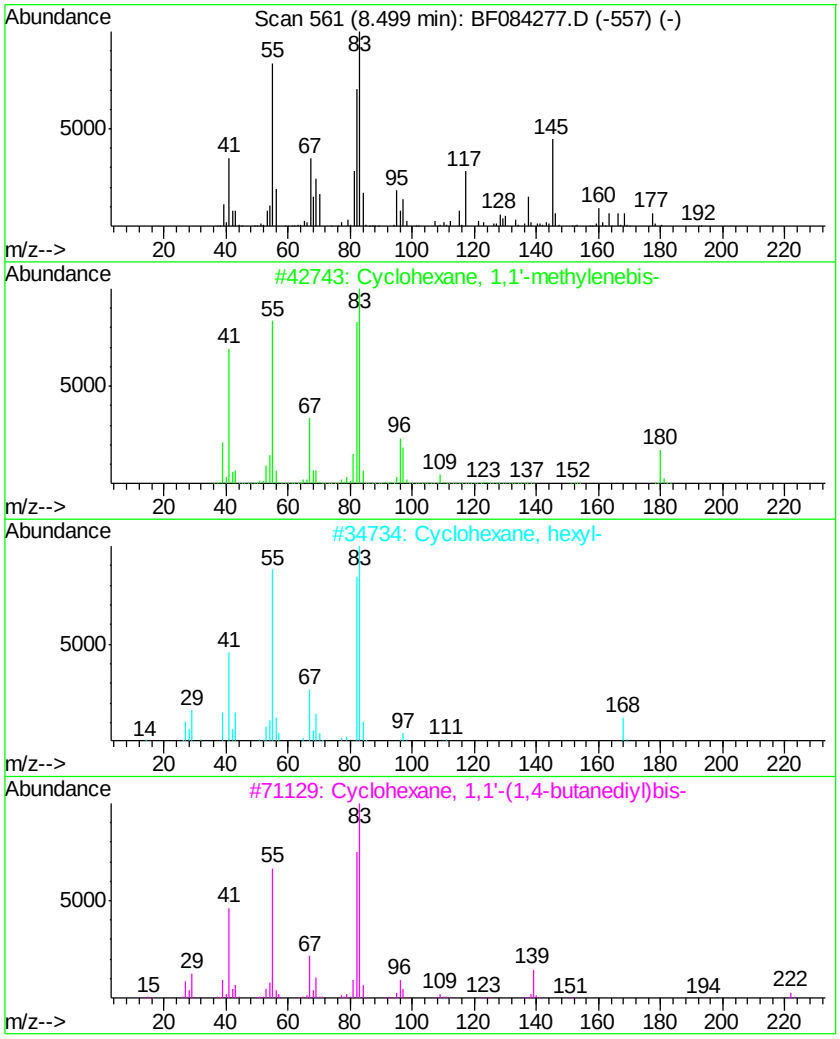
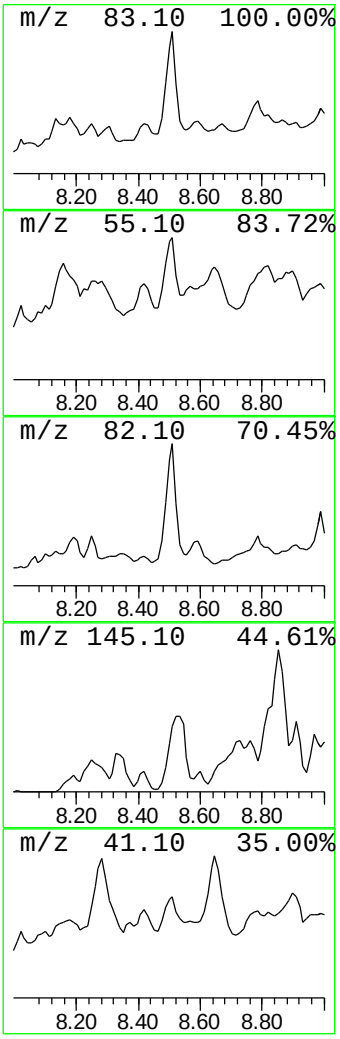
Peak Number 9 unknown8.50 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.50	32.17 ng	15019200	Naphthalene-d8	8.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1'-methylenebis-	180	C13H24	003178-23-2	47
2	Cyclohexane, hexyl-	168	C12H24	004292-75-5	47
3	Cyclohexane, 1,1'-(1,4-butanediy...	222	C16H30	006165-44-2	47
4	Cyclopentane, 1-methyl-2-(2-prop...	124	C9H16	050746-53-7	47
5	Cyclohexane, octyl-	196	C14H28	001795-15-9	47





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Sample : G4949-04
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PJ-SB-2(19.0-19.5)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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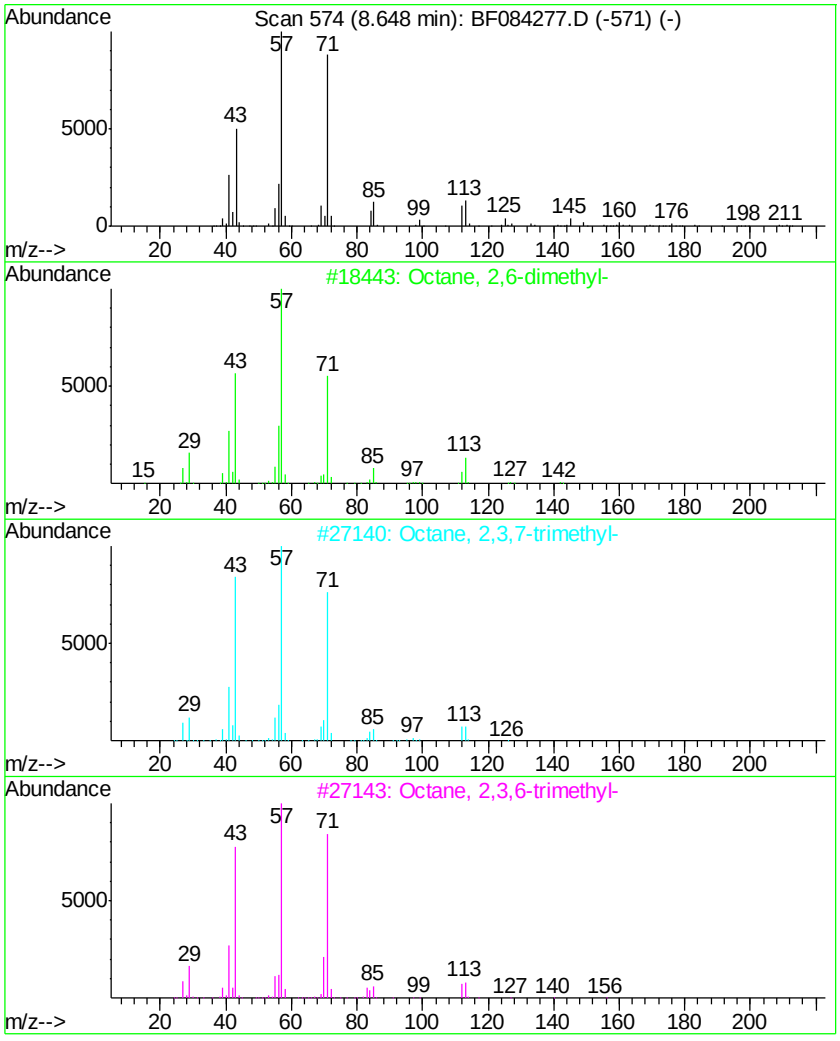
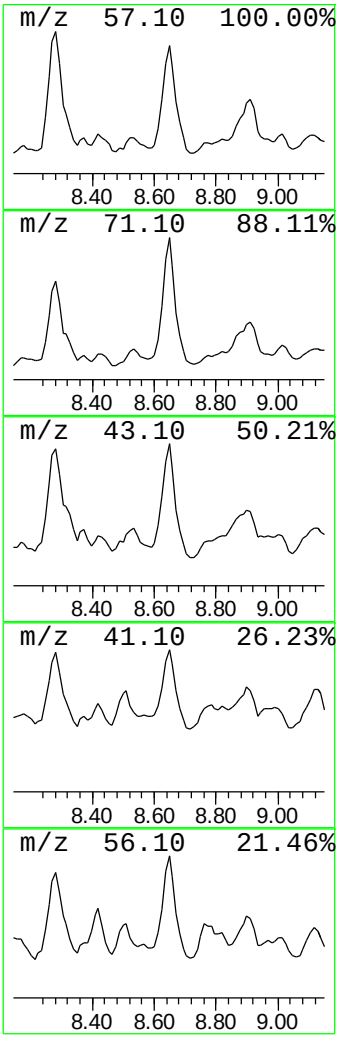
Peak Number 10 Octane, 2,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.65	36.14 ng	16873500	Naphthalene-d8	8.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	86
2	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	78
3	Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	72
4	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72
5	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	72





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Sample : G4949-04
Misc :
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Instrument : BNA_F
ClientSampleId : PJ-SB-2(19.0-19.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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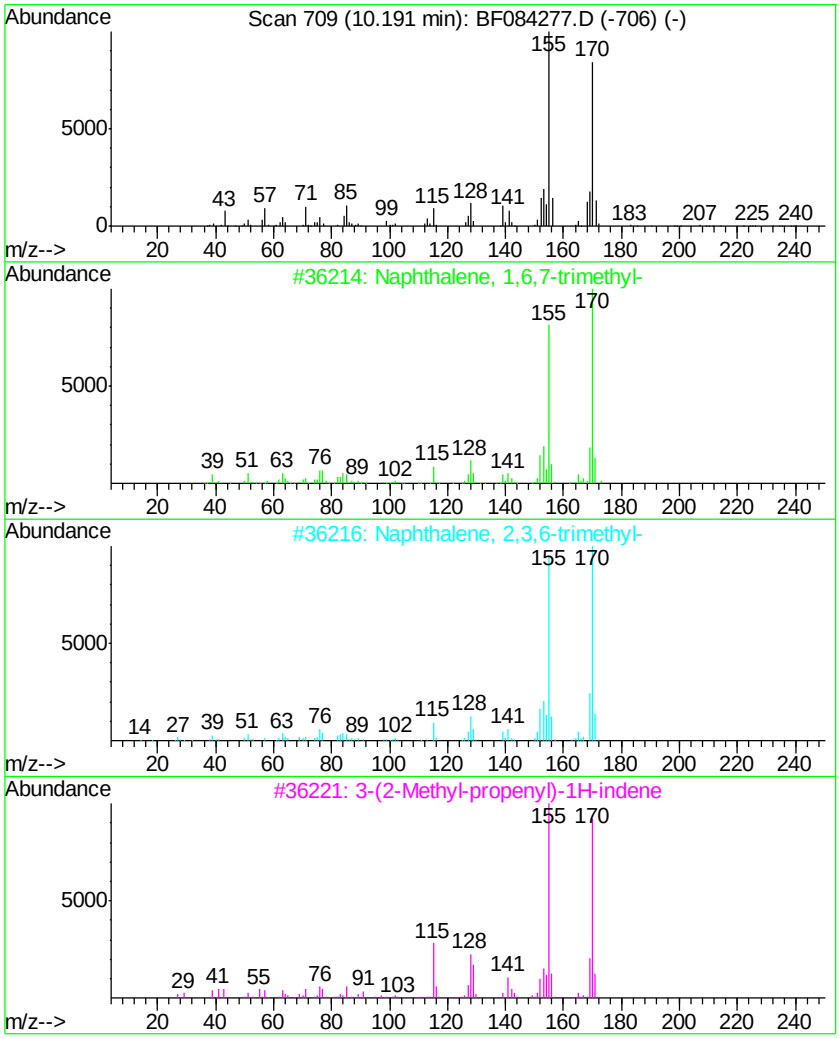
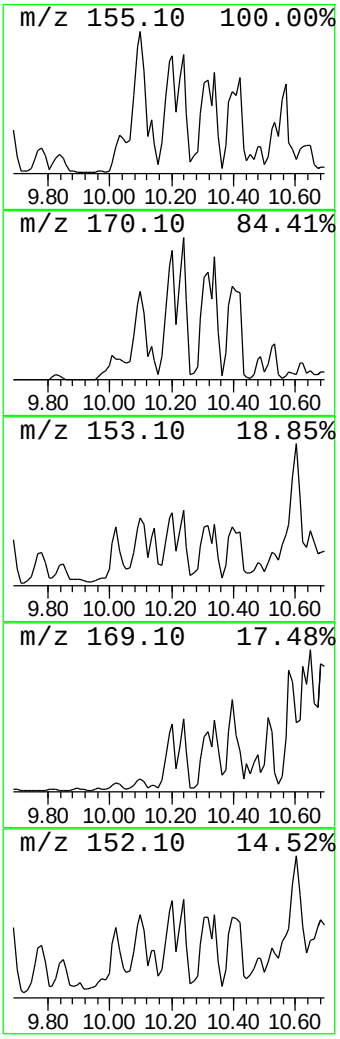
Peak Number 11 Naphthalene, 1,6,7-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.19	20.00 ng	8960910	Acenaphthene-d10	9.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
3	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	93
4	Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	89
5	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	87





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Sample : G4949-04
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PJ-SB-2(19.0-19.5)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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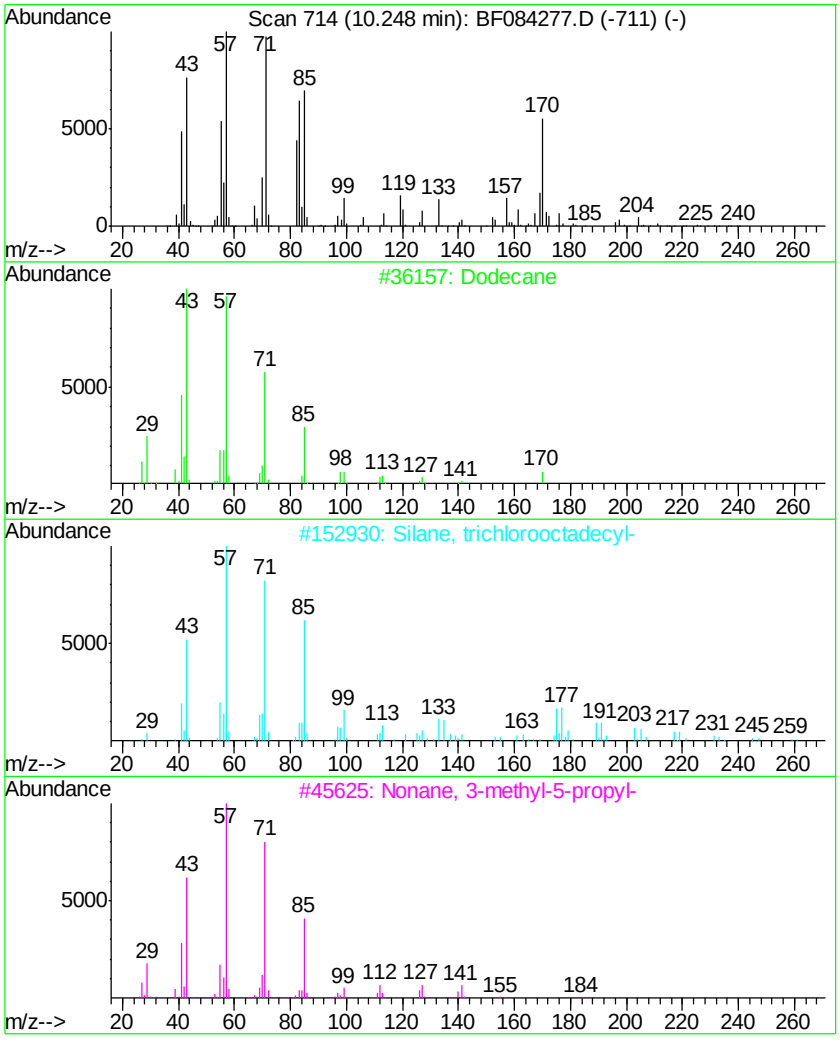
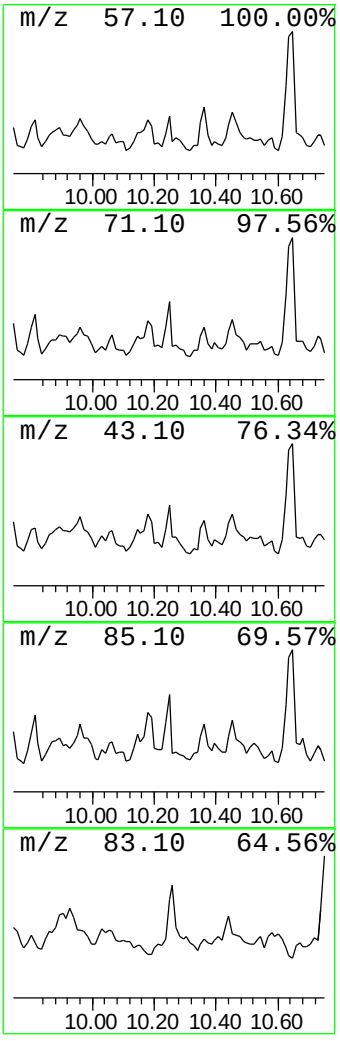
Peak Number 12 unknown10.25 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.25	31.23 ng	13994500	Acenaphthene-d10	9.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	46
2	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	35
3	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	27
4	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	27
5	Tridecane, 6-propyl-	226	C16H34	055045-10-8	27





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ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PJ-SB-2(19.0-19.5)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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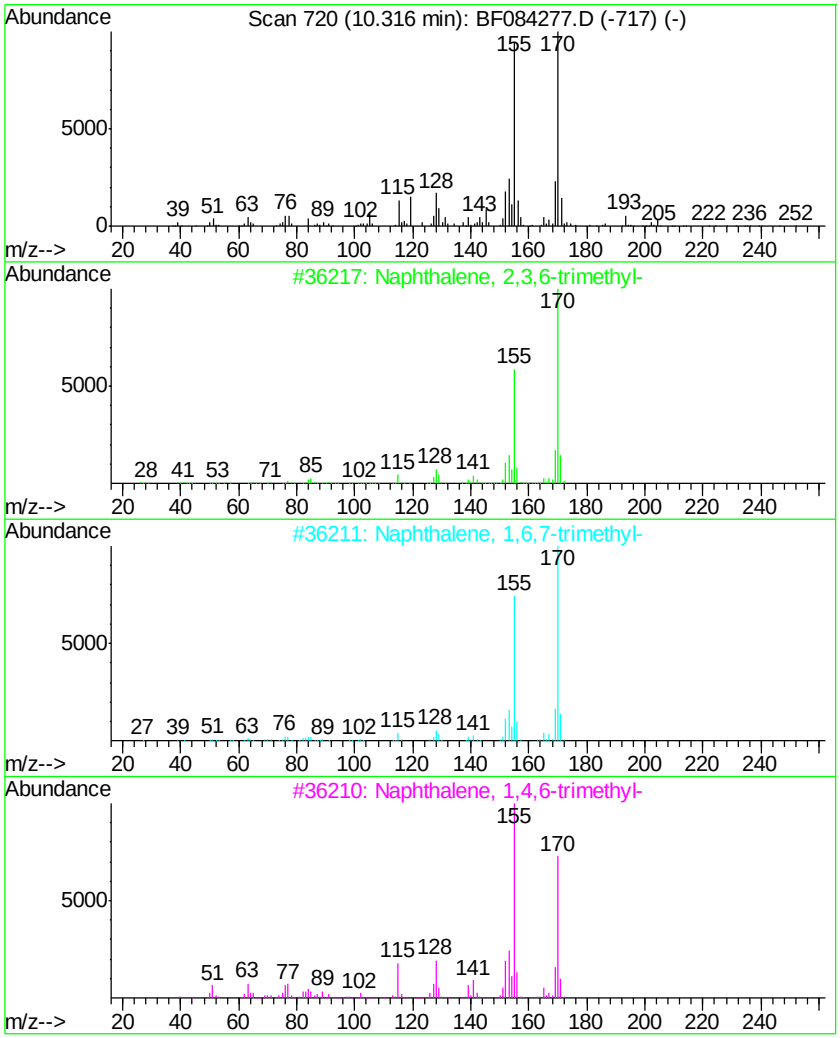
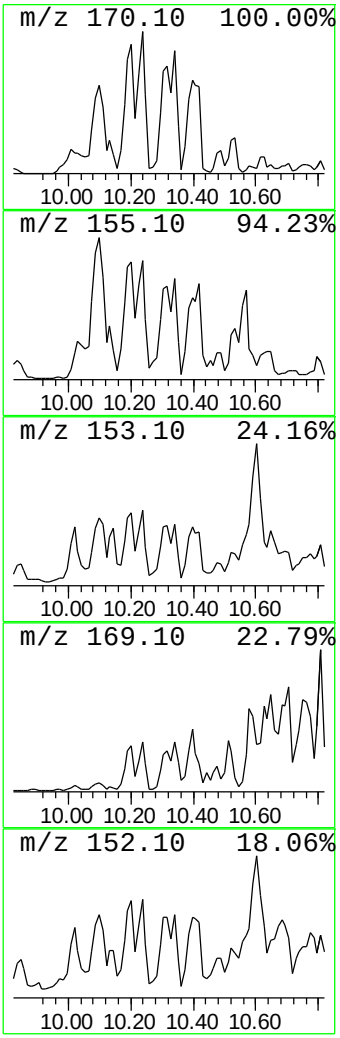
Peak Number 13 Naphthalene, 2,3,6-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.32	21.13 ng	9465720	Acenaphthene-d10	9.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93
5	Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	93





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Operator : UM/SJ
Sample : G4949-04
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PJ-SB-2(19.0-19.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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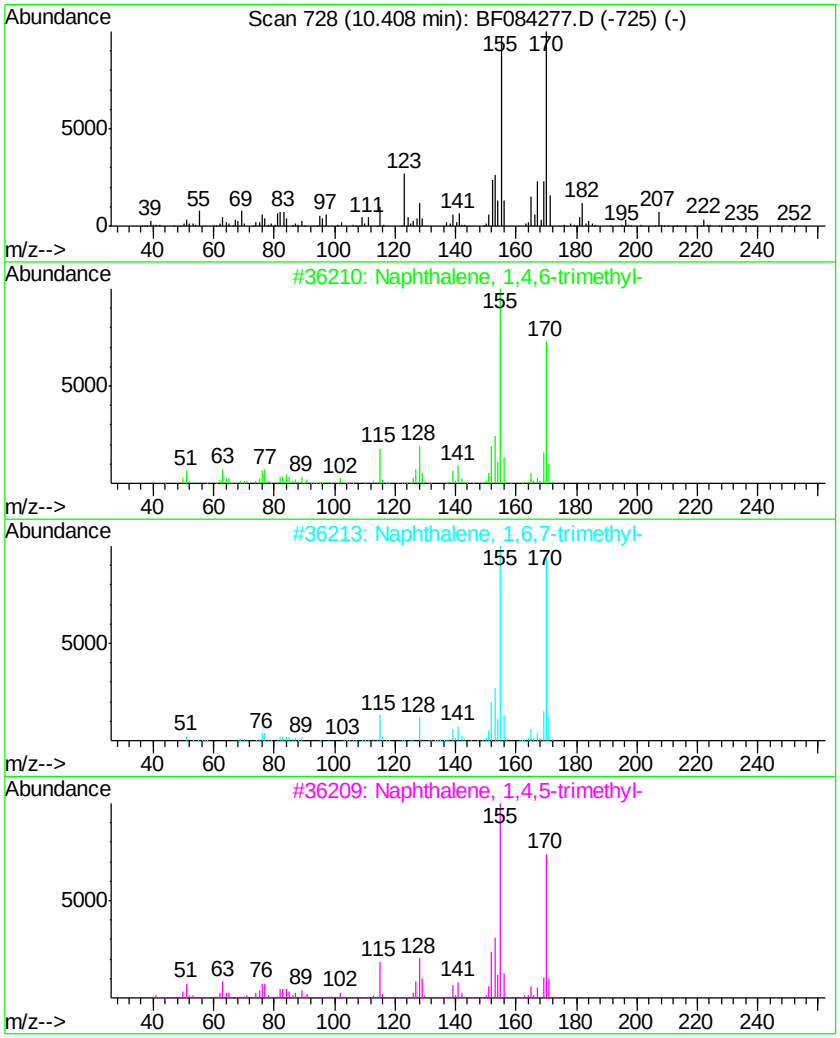
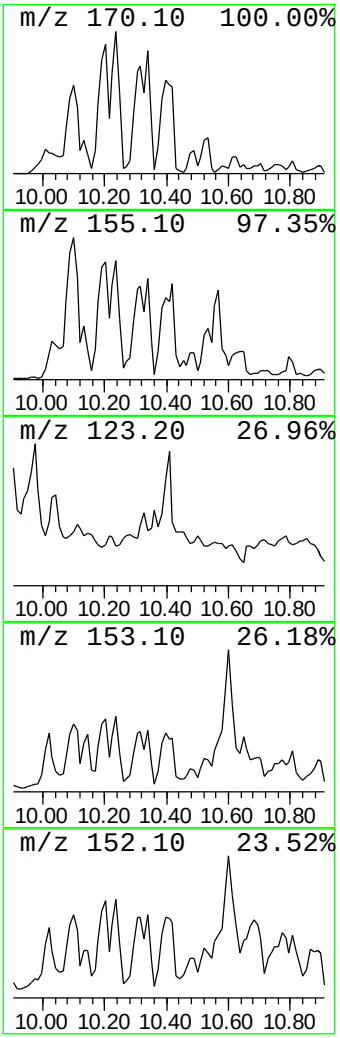
Peak Number 14 Naphthalene, 1,4,6-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.41	17.11 ng	7665340	Acenaphthene-d10	9.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
3	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
5	Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	76





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Instrument : BNA_F
ClientSampleId : PJ-SB-2(19.0-19.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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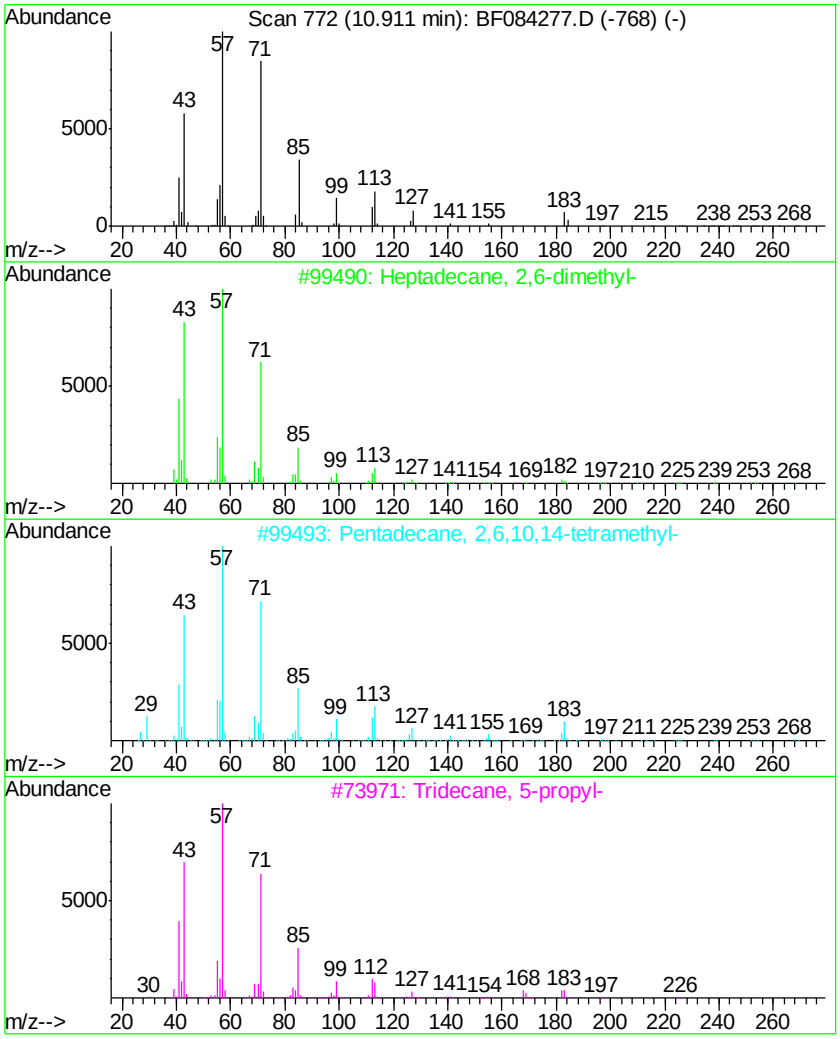
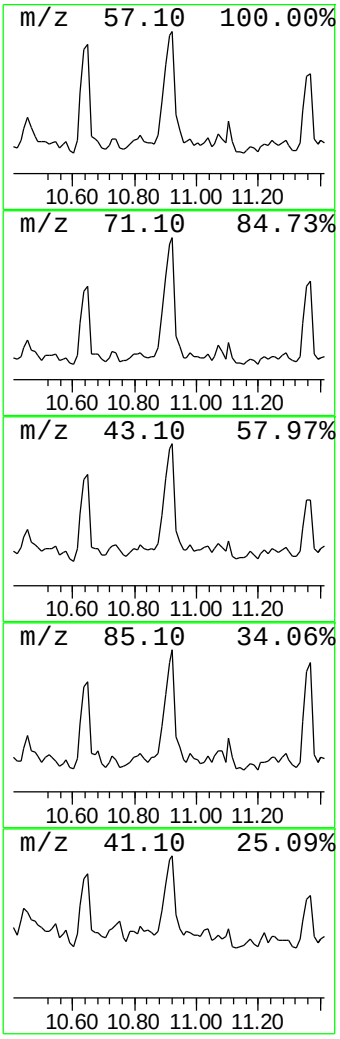
Peak Number 15 Heptadecane, 2,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.91	41.06 ng	21715300	Phenanthrene-d10	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	83
2	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	78
3	Tridecane, 5-propyl-	226	C16H34	055045-11-9	78
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
5	Nonadecane	268	C19H40	000629-92-5	64





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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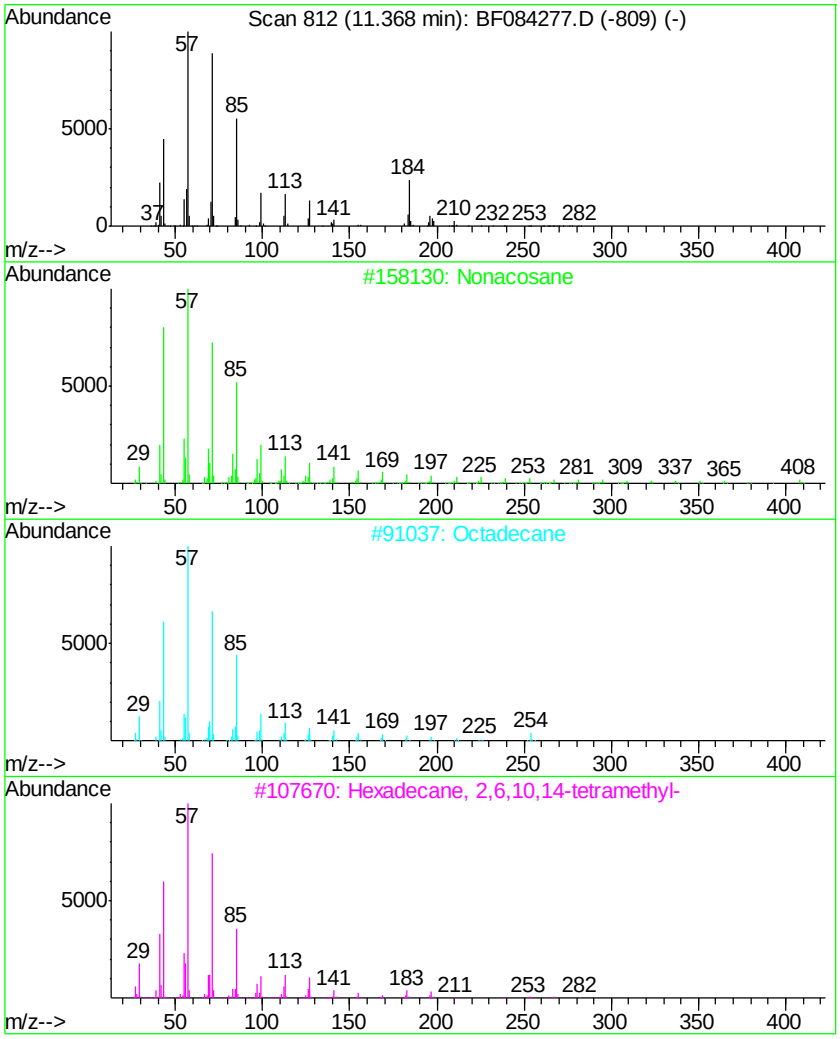
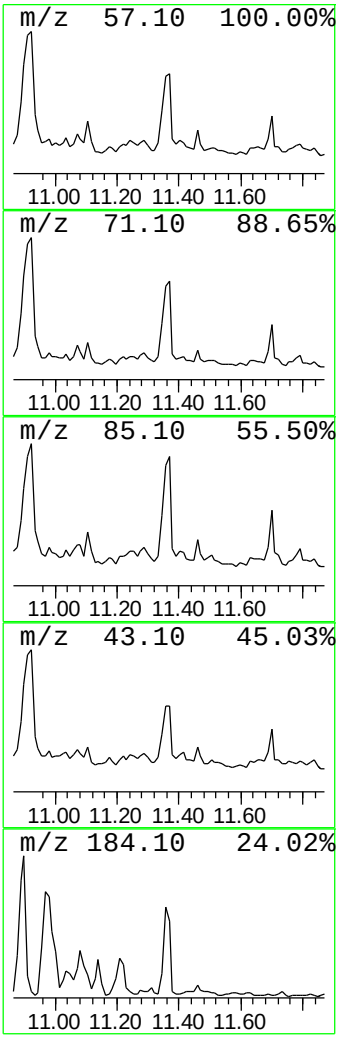
Peak Number 16 Nonacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.37	29.74 ng	15729200	Phenanthrene-d10	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonacosane	408	C29H60	000630-03-5	72
2	Octadecane	254	C18H38	000593-45-3	72
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	64
4	5,5-Dibutylnonane	240	C17H36	006008-17-9	64
5	Hexadecane	226	C16H34	000544-76-3	64





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TIC Integration Parameters: LSCINT.P

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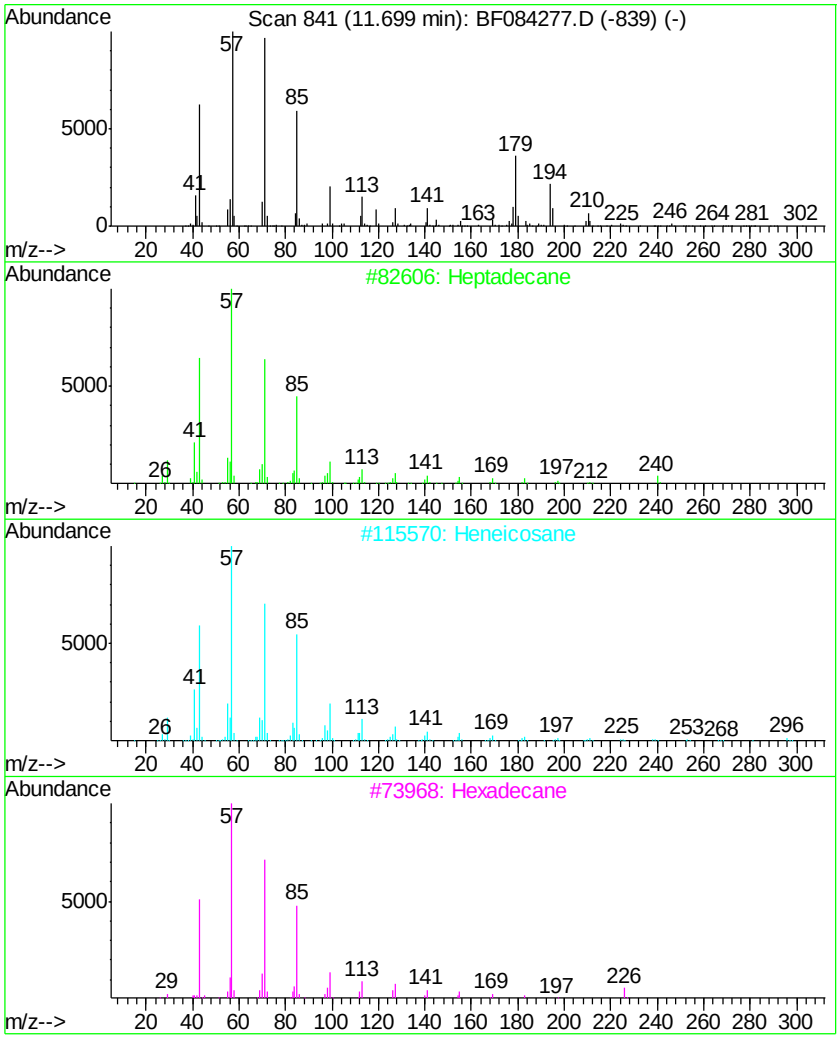
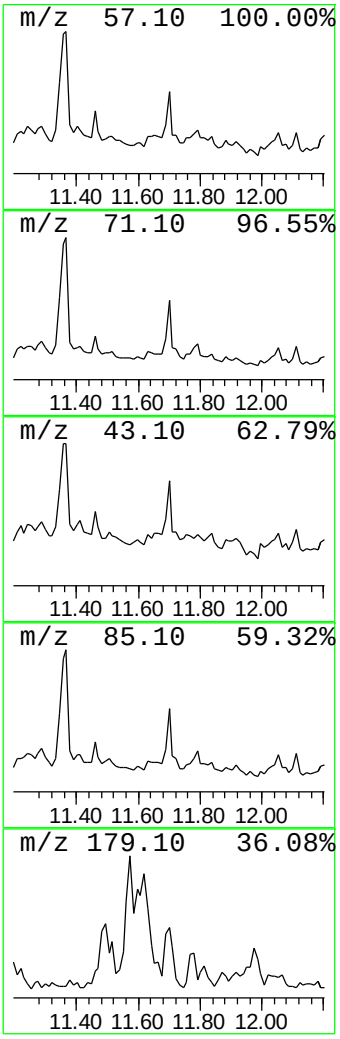
Peak Number 17 Heptadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.70	15.76 ng	8334850	Phenanthrene-d10	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	70
2	Heneicosane	296	C21H44	000629-94-7	58
3	Hexadecane	226	C16H34	000544-76-3	58
4	Pentacosane	352	C25H52	000629-99-2	53
5	Triacontane	422	C30H62	000638-68-6	53





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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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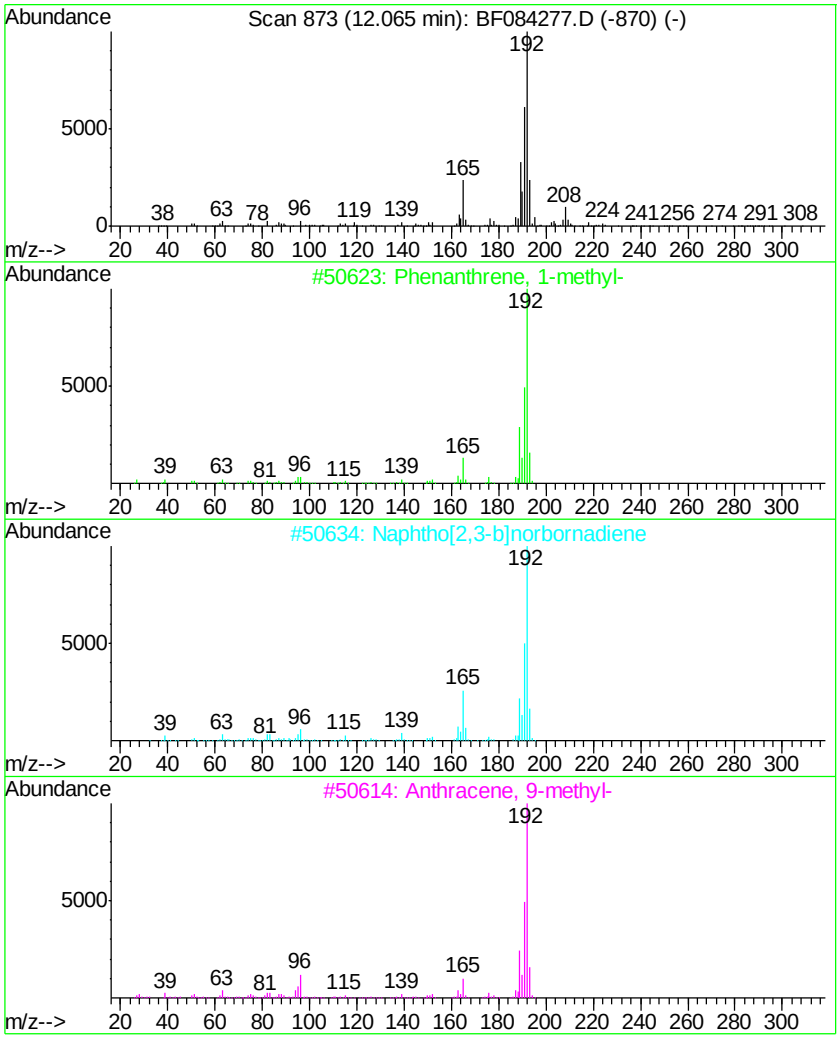
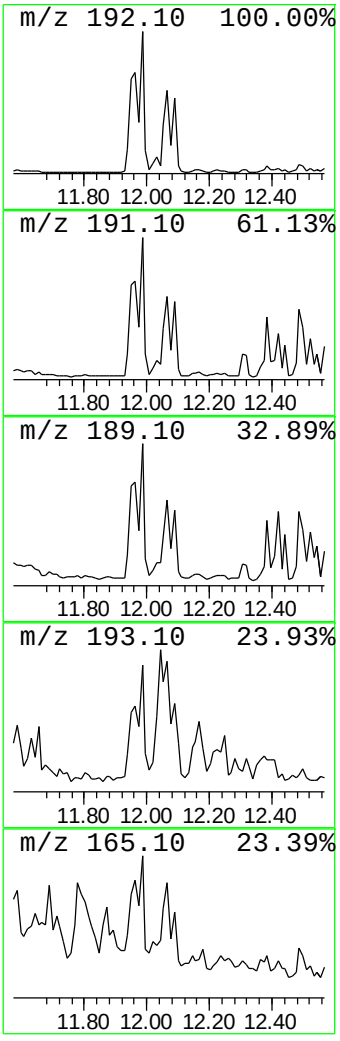
Peak Number 18 Phenanthrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.07	25.90 ng	13697800	Phenanthrene-d10	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	89
2	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	81
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	76
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	76
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	76





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Operator : UM/SJ
Sample : G4949-04
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PJ-SB-2(19.0-19.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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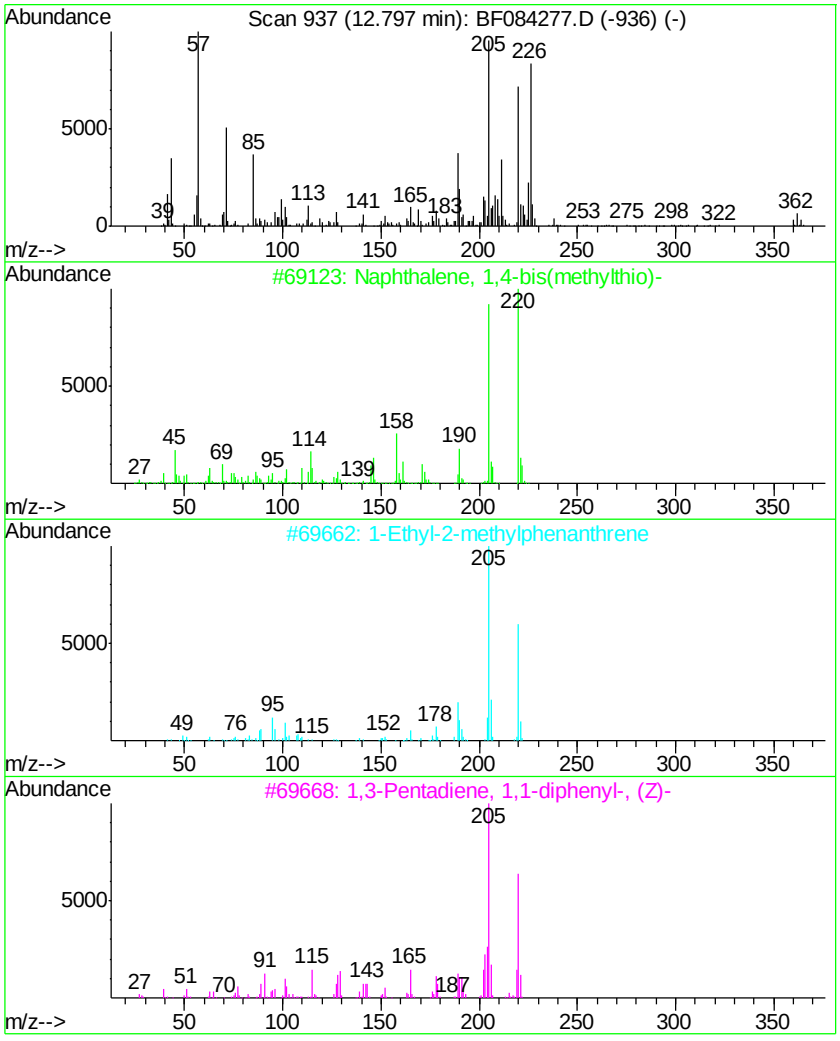
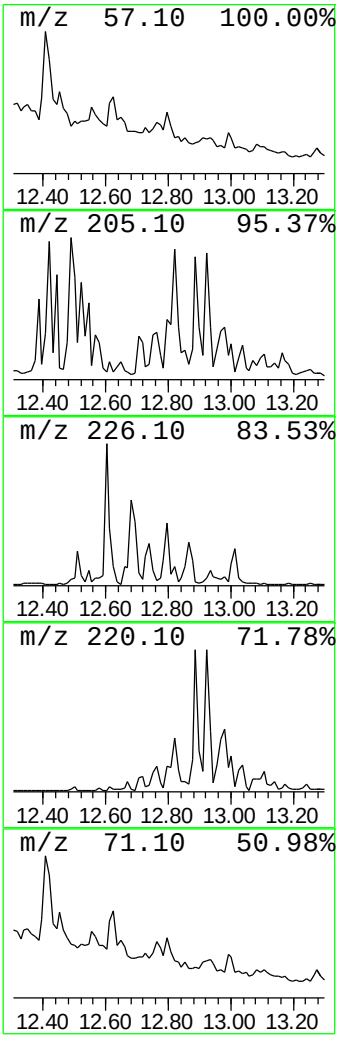
Peak Number 19 unknown12.80 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.80	31.59 ng	2483820	Chrysene-d12	14.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4-bis(methylthio)-	220	C12H12S2	010075-73-7	46
2	1-Ethyl-2-methylphenanthrene	220	C17H16	061983-53-7	38
3	1,3-Pentadiene, 1,1-diphenyl-, (Z)-	220	C17H16	015295-31-5	38
4	Acridin-9-amine, 1,2,3,4-tetrahy...	226	C15H18N2	297758-19-1	38
5	1,3-Diamino-5,6-dihydro-7-methyl...	226	C13H14N4	037436-37-6	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
Data File : BF084277.D
Acq On : 5 Jan 2016 10:34
Operator : UM/SJ
Sample : G4949-04
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PJ-SB-2(19.0-19.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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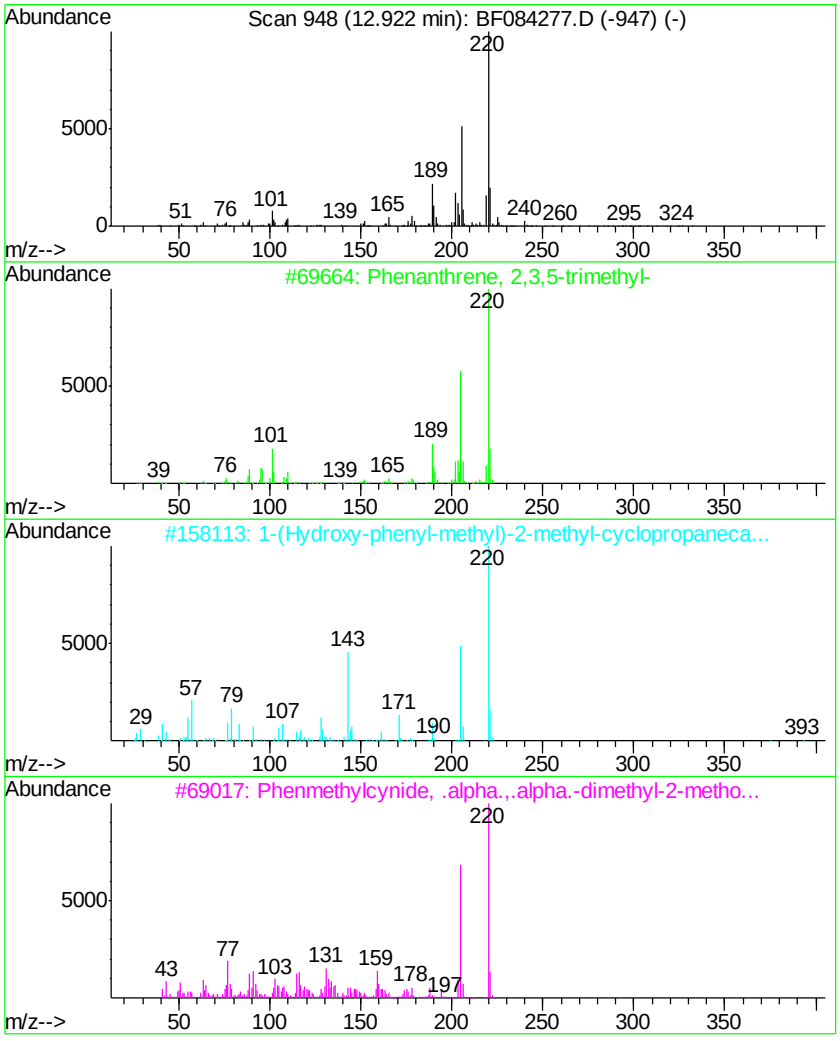
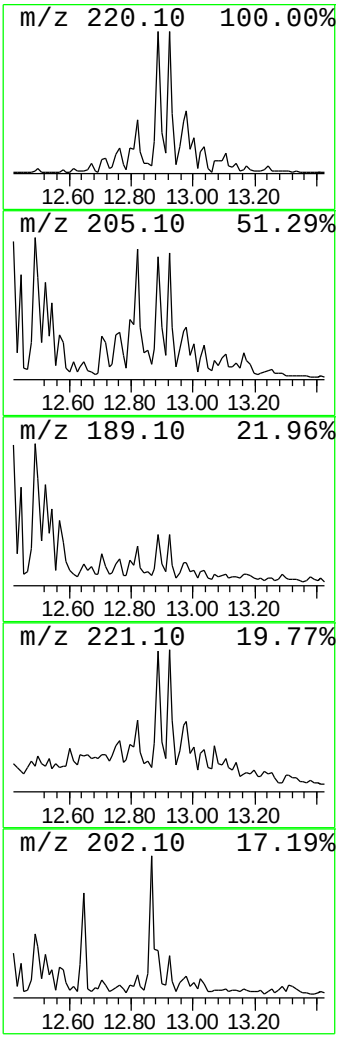
Peak Number 20 Phenanthrene, 2,3,5-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.92	17.81 ng	1400020	Chrysene-d12	14.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3,5-trimethyl-	220	C17H16	003674-73-5	90
2	1-(Hydroxy-phenyl-methyl)-2-meth...	408	C27H36O3	108546-86-7	59
3	Phenmethylcynide, .alpha.,.alpha...	220	C11H12N2O3	1000128-94-6	53
4	3-Acetylphenanthrene	220	C16H12O	002039-76-1	53
5	Pyrrolo[1,2-a]thieno[2,3-d]pyrim...	220	C11H12N2OS	056929-61-4	52





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010416\
Data File : BF084277.D
Acq On : 5 Jan 2016 10:34
Operator : UM/SJ
Sample : G4949-04
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PJ-SB-2(19.0-19.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.67	6.67	25.3	ng	14433800	1	6.90	11433500	20.0
unknown7.55	7.55	15.7	ng	7322500	2	8.19	9337120	20.0
1-Octanol, 2-butyl-	7.62	22.4	ng	10478600	2	8.19	9337120	20.0
Naphthalene, deca...	7.71	32.7	ng	15271200	2	8.19	9337120	20.0
unknown7.84	7.84	42.8	ng	19973700	2	8.19	9337120	20.0
Benzene, 1,2,4,5-...	7.94	26.0	ng	12124000	2	8.19	9337120	20.0
Undecane, 2,6-dim...	8.28	60.0	ng	28034100	2	8.19	9337120	20.0
unknown8.50	8.50	32.2	ng	15019200	2	8.19	9337120	20.0
Octane, 2,6-dimet...	8.65	36.1	ng	16873500	2	8.19	9337120	20.0
Naphthalene, 1,6,...	10.19	20.0	ng	8960910	3	9.98	8960910	20.0
unknown10.25	10.25	31.2	ng	13994500	3	9.98	8960910	20.0
Naphthalene, 2,3,...	10.32	21.1	ng	9465720	3	9.98	8960910	20.0
Naphthalene, 1,4,...	10.41	17.1	ng	7665340	3	9.98	8960910	20.0
Heptadecane, 2,6-...	10.91	41.1	ng	21715300	4	11.46	10577100	20.0
Nonacosane	11.37	29.7	ng	15729200	4	11.46	10577100	20.0
Heptadecane	11.70	15.8	ng	8334850	4	11.46	10577100	20.0
Phenanthrene, 1-m...	12.07	25.9	ng	13697800	4	11.46	10577100	20.0
unknown12.80	12.80	31.6	ng	2483820	5	14.05	1572610	20.0
Phenanthrene, 2,3...	12.92	17.8	ng	1400020	5	14.05	1572610	20.0