LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062716\
Data File : BF088466.D
Acq On : 27 Jun 2016 22:21
Operator : UM/SJ
Sample : H3630-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1409-TP01N-1224

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-BF060716.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	1.690	7	9	17	rBV	921832	1442800	15.08%	0.636%
2	2.204	43	54	58	rVB	209064	570257	5.96%	0.251%
3	3.038	120	127	132	rBV2	161213	460175	4.81%	0.203%
4	3.221	139	143	148	rBV	100697	250351	2.62%	0.110%
5	3.438	153	162	165	rBV	382574	1022407	10.69%	0.450%
6	3.507	165	168	173	rVB	173334	345991	3.62%	0.152%
7	3.633	173	179	183	rBV2	120479	334624	3.50%	0.147%
8	3.907	198	203	208	rVB2	458312	981358	10.26%	0.432%
9	4.033	209	214	219	rBV2	276315	509333	5.32%	0.224%
10	4.433	247	249	251	rBV	315572	482545	5.04%	0.213%
11	4.536	255	258	260	rVB	1133571	1546092	16.16%	0.681%
12	4.604	260	264	266	rVB	856847	1074815	11.24%	0.473%
13	4.650	266	268	273	rVB3	306826	527387	5.51%	0.232%
14	4.753	273	277	282	rVB4	201394	348494	3.64%	0.154%
15	4.844	282	285	287	rBV2	847456	1540975	16.11%	0.679%
16	4.890	287	289	292	rVB4	187629	391324	4.09%	0.172%
17	4.947	292	294	295	rBV	445568	576035	6.02%	0.254%
18	4.981	295	297	299	rVB	525281	588384	6.15%	0.259%
19	5.027	299	301	302	rBV	434582	460372	4.81%	0.203%
20	5.061	302	304	308	rVB	855024	949347	9.92%	0.418%
21	5.119	308	309	310	rBV	1093877	1079694	11.29%	0.476%
22	5.244	317	320	322	rBV	801587	1211353	12.66%	0.534%
23	5.290	322	324	326	rVB	1247865	1317625	13.78%	0.580%
24	5.336	326	328	332	rVB3	1067069	1575466	16.47%	0.694%
25	5.416	332	335	338	rBV	347532	520847	5.45%	0.229%
26	5.519	338	344	346	rBV2	1272184	2873026	30.04%	1.266%
27	5.564	346	348	349	rBV2	496739	838179	8.76%	0.369%
28	5.656	354	356	360	rVV2	1496745	2958947	30.93%	1.303%
29	5.736	360	363	364	rVV2	1032999	1846974	19.31%	0.814%
30	5.793	364	368	370	rVV4	2758165	6409294	67.01%	2.823%
31	5.850	370	373	376	rVV2	1757674	4253106	44.46%	1.874%
32	5.987	380	385	387	rVV4	1796749	4124373	43.12%	1.817%
33	6.056	387	391	397	rVV5	2795799	9274212	96.96%	4.085%
34	6.147	397	399	401	rVV	1857546	3066710	32.06%	1.351%

LSC Area Percent Report

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Data File : BF088466.D
Acq On : 27 Jun 2016 22:21
Operator : UM/SJ
Sample : H3630-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1409-TP01N-1224

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-BF060716.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	6.216	401	405	406	rVV2	2134958	4902801	51.26%	2.160%
36	6.239	406	407	409	rVV	1365327	2093896	21.89%	0.922%
37	6.319	409	414	417	rVV4	2278815	8588672	89.79%	3.783%
38	6.399	419	421	423	rVV3	1900987	3429693	35.86%	1.511%
39	6.513	423	431	432	rVV6	1606577	6875941	71.88%	3.029%
40	6.593	435	438	440	rVV	2895912	7159316	74.85%	3.154%
41	6.639	440	442	445	rVV2	1780733	4690096	49.03%	2.066%
42	6.719	445	449	453	rVV6	2872439	9565235	100.00%	4.214%
43	6.822	453	458	459	rVV4	1695980	5502084	57.52%	2.424%
44	6.856	459	461	462	rVV2	1750608	2874047	30.05%	1.266%
45	6.890	462	464	465	rVV2	2058452	3427992	35.84%	1.510%
46	6.913	465	466	468	rVV	1800574	3051313	31.90%	1.344%
47	6.947	468	469	473	rVV4	2148933	5002131	52.29%	2.203%
48	7.039	475	477	478	rVV	954600	1874817	19.60%	0.826%
49	7.107	479	483	484	rVV	3020507	6256463	65.41%	2.756%
50	7.130	484	485	487	rVV2	2134900	3443813	36.00%	1.517%
51	7.176	487	489	490	rVV	1389902	2527072	26.42%	1.113%
52	7.210	490	492	494	rVV3	1994001	3566499	37.29%	1.571%
53	7.256	494	496	497	rVV2	1112174	2055317	21.49%	0.905%
54	7.279	497	498	500	rVV	1592826	2455471	25.67%	1.082%
55	7.336	500	503	504	rVV3	1820146	3651158	38.17%	1.608%
56	7.359	504	505	508	rVV2	2228075	3116333	32.58%	1.373%
57	7.416	508	510	512	rVV2	805988	1977732	20.68%	0.871%
58	7.473	512	515	516	rVV3	1849781	3768062	39.39%	1.660%
59	7.507	516	518	520	rVV3	1451855	3326475	34.78%	1.465%
60	7.587	522	525	526	rVV2	2114997	4110623	42.97%	1.811%
61	7.610	526	527	529	rVV2	1237767	1858798	19.43%	0.819%
62	7.667	529	532	534	rVV3	1127619	2771399	28.97%	1.221%
63	7.713	534	536	540	rVV	964527	2429726	25.40%	1.070%
64	7.839	540	547	548	rVV4	2162876	6157901	64.38%	2.713%
65	7.862	548	549	553	rVV4	1781689	4388091	45.88%	1.933%
66	7.919	553	554	560	rVV3	1714325	3792566	39.65%	1.671%
67	8.022	560	563	564	rVV2	870083	1833612	19.17%	0.808%
68	8.136	567	573	575	rVV6	1066108	4412588	46.13%	1.944%
69	8.193	577	578	580	rVV2	832406	1521193	15.90%	0.670%
70	8.227	580	581	583	rVV2	1536390	1802129	18.84%	0.794%
71	8.273	583	585	589	rVV3	1385259	3770048	39.41%	1.661%

LSC Area Percent Report

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Data File : BF088466.D
Acq On : 27 Jun 2016 22:21
Operator : UM/SJ
Sample : H3630-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1409-TP01N-1224

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-BF060716.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	8.342	589	591	593	rVV2	768553	1758676	18.39%	0.775%
73	8.445	597	600	601	rVV3	1093322	2077905	21.72%	0.915%
74	8.479	601	603	606	rVV4	812442	2261304	23.64%	0.996%
75	8.547	606	609	612	rVV2	1198174	2986098	31.22%	1.315%
76	8.605	612	614	615	rVV2	387249	699565	7.31%	0.308%
77	8.650	615	618	619	rVV	1141278	1776197	18.57%	0.782%
78	8.673	619	620	622	rVV2	354513	602023	6.29%	0.265%
79	8.742	622	626	631	rVV8	658216	2227807	23.29%	0.981%
80	8.867	634	637	638	rVV	936677	1206568	12.61%	0.532%
81	8.913	638	641	643	rVV	1519041	1756535	18.36%	0.774%
82	9.005	645	649	651	rVV2	388837	760769	7.95%	0.335%
83	9.050	651	653	656	rVV3	209570	406382	4.25%	0.179%
84	9.108	656	658	661	rVB	218399	302936	3.17%	0.133%
85	9.176	661	664	666	rBV	411229	639107	6.68%	0.282%
86	9.245	668	670	671	rBV	567751	639638	6.69%	0.282%
87	9.268	671	672	674	rVV2	395318	512659	5.36%	0.226%
88	9.313	674	676	679	rVB	709254	814913	8.52%	0.359%
89	9.519	693	694	696	rBV	171846	240424	2.51%	0.106%
90	9.576	696	699	701	rBV3	430896	560466	5.86%	0.247%
91	9.839	719	722	725	rVB3	191749	397226	4.15%	0.175%
92	9.976	732	734	737	rBV4	120426	245051	2.56%	0.108%
93	10.239	754	757	759	rBV	282016	269793	2.82%	0.119%
94	10.365	765	768	770	rBV2	650218	699747	7.32%	0.308%
95	10.502	777	780	783	rBV2	339077	498999	5.22%	0.220%
96	10.776	800	804	806	rBV	140960	343821	3.59%	0.151%
97	10.971	817	821	823	rBV2	258263	480018	5.02%	0.211%
98	11.051	827	828	829	rBV	280827	260018	2.72%	0.115%
99	12.114	919	921	924	rBV2	222974	424710	4.44%	0.187%
100	12.651	966	968	972	rBV2	848360	1377448	14.40%	0.607%

Sum of corrected areas: 227010778

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062716\
Data File : BF088466.D
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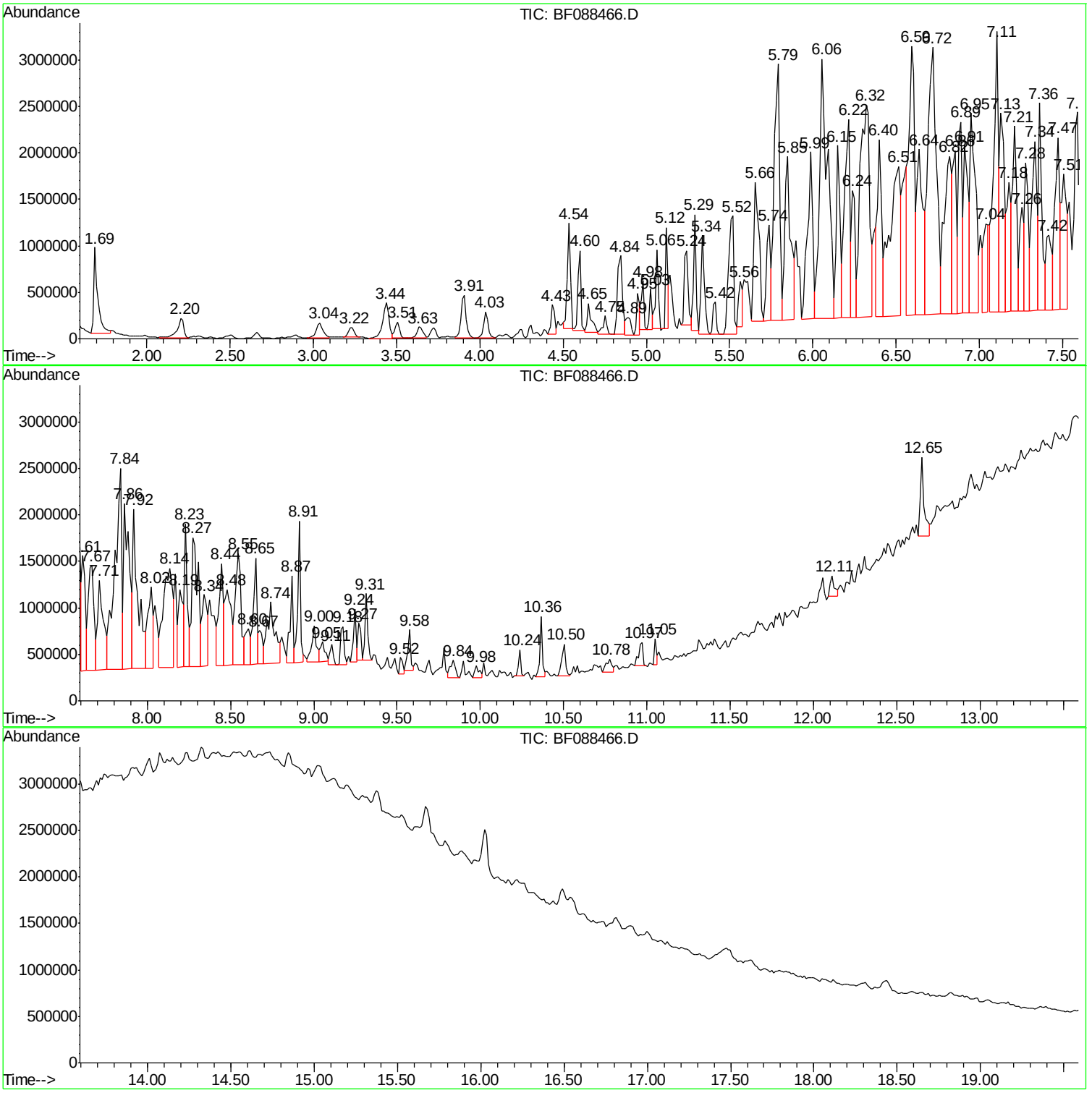
Sample : H3630-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B1409-TP01N-1224

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF062716\
Data File : BF088466.D
Acq On : 27 Jun 2016 22:21
Operator : UM/SJ
Sample : H3630-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1409-TP01N-1224

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

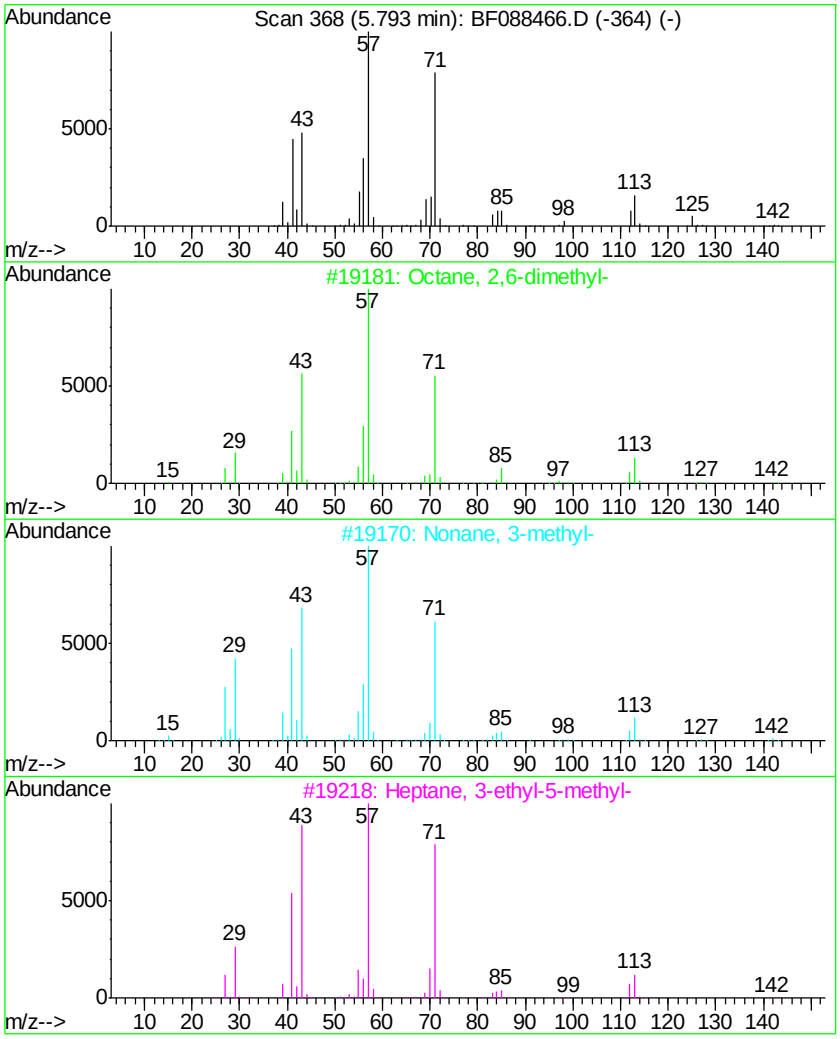
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

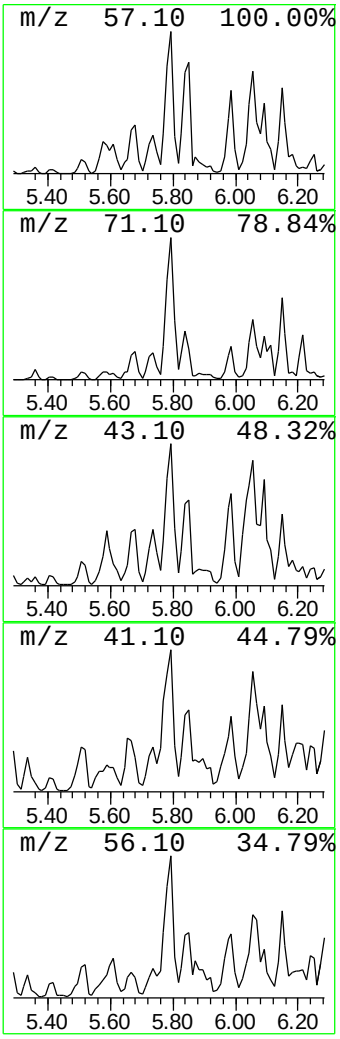
****

Peak Number 1 Octane, 2,6-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.79	18.64 ng	6409290	1,4-Dichlorobenzene-d4	6.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	91
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	91
3	Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	72
4	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	64
5	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF062716\
Data File : BF088466.D
Acq On : 27 Jun 2016 22:21
Operator : UM/SJ
Sample : H3630-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1409-TP01N-1224

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

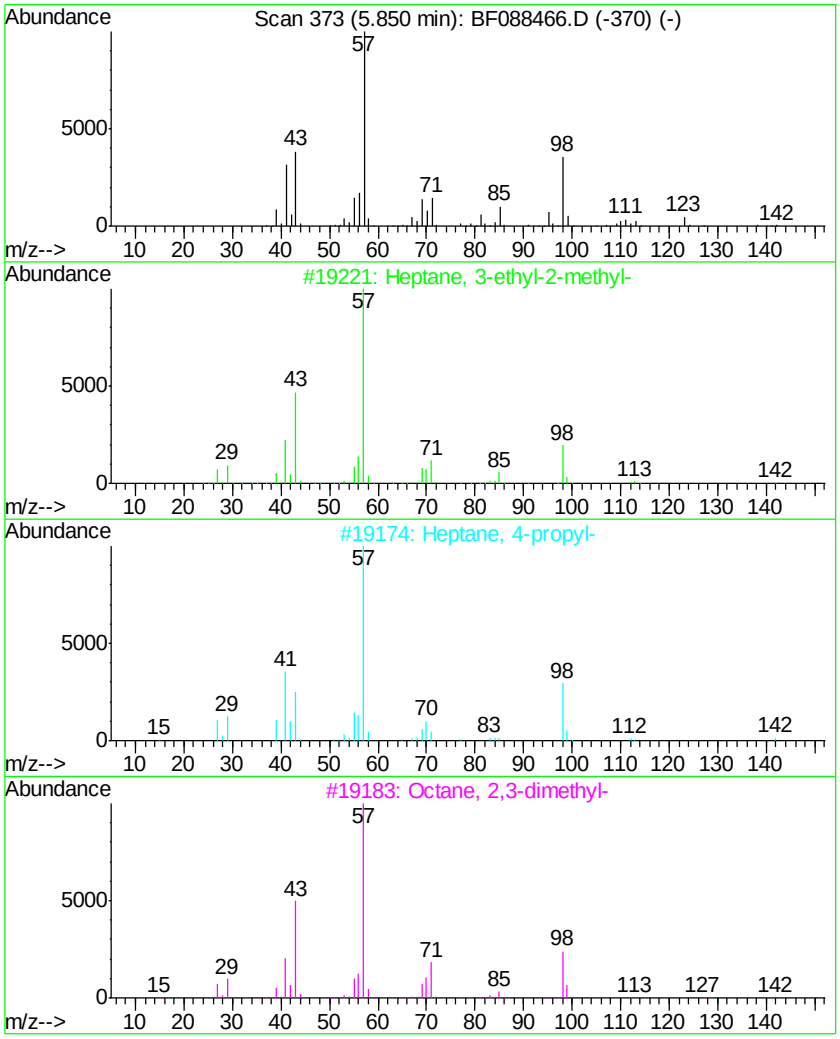
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

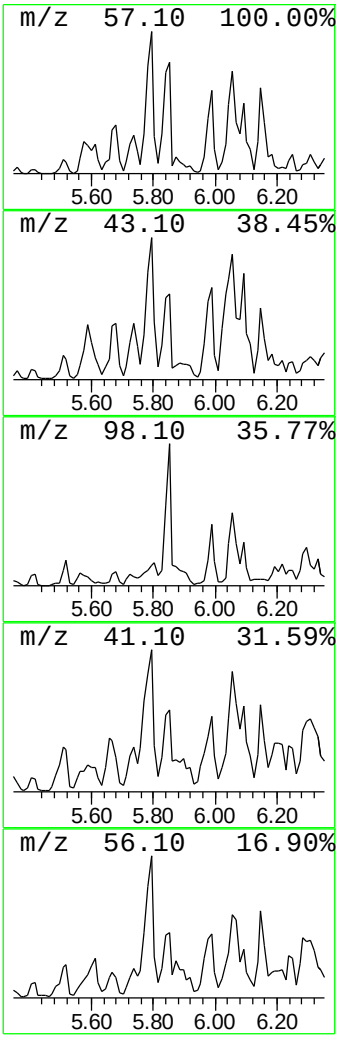
****

Peak Number 2 Heptane, 3-ethyl-2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.85	12.37 ng	4253110	1,4-Dichlorobenzene-d4	6.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	59
2	Heptane, 4-propyl-	142	C10H22	003178-29-8	50
3	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	49
4	Ether, tert-butyl isopropylidene...	154	C10H18O	024524-56-9	47
5	Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	43





Data Path : Z:\HPCHEM1\BNA F\DATA\BF062716\
Data File : BF088466.D
Acq On : 27 Jun 2016 22:21
Operator : UM/SJ
Sample : H3630-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1409-TP01N-1224

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

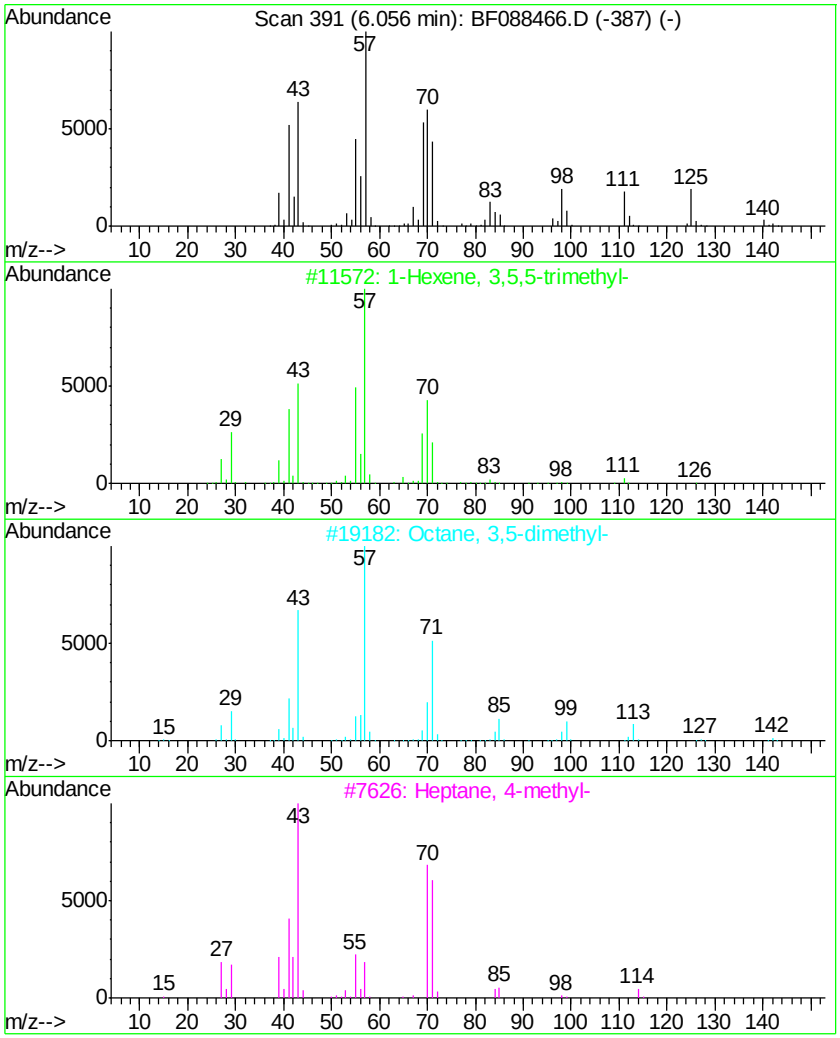
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

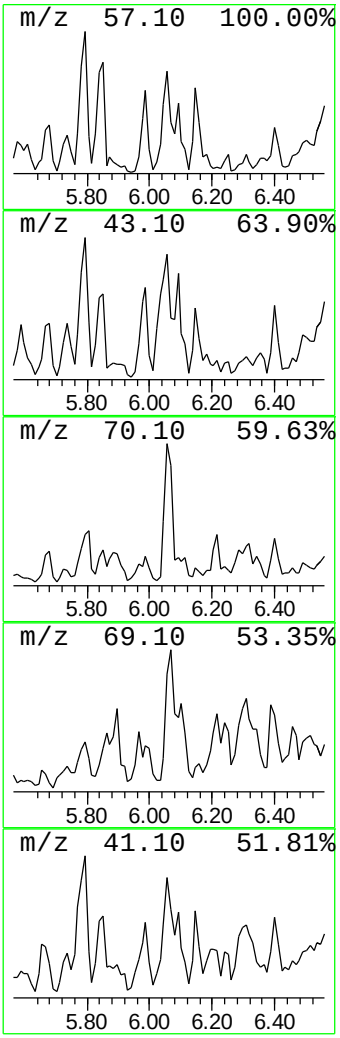
****

Peak Number 3 1-Hexene, 3,5,5-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.06	26.98 ng	9274210	1,4-Dichlorobenzene-d4	6.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexene, 3,5,5-trimethyl-	126	C9H18	004316-65-8	52
2	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	43
3	Heptane, 4-methyl-	114	C8H18	000589-53-7	38
4	Undecane, 4,5-dimethyl-	184	C13H28	017312-79-7	38
5	Nonane, 4-methyl-	142	C10H22	017301-94-9	30





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062716\
Data File : BF088466.D
Acq On : 27 Jun 2016 22:21
Operator : UM/SJ
Sample : H3630-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1409-TP01N-1224

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

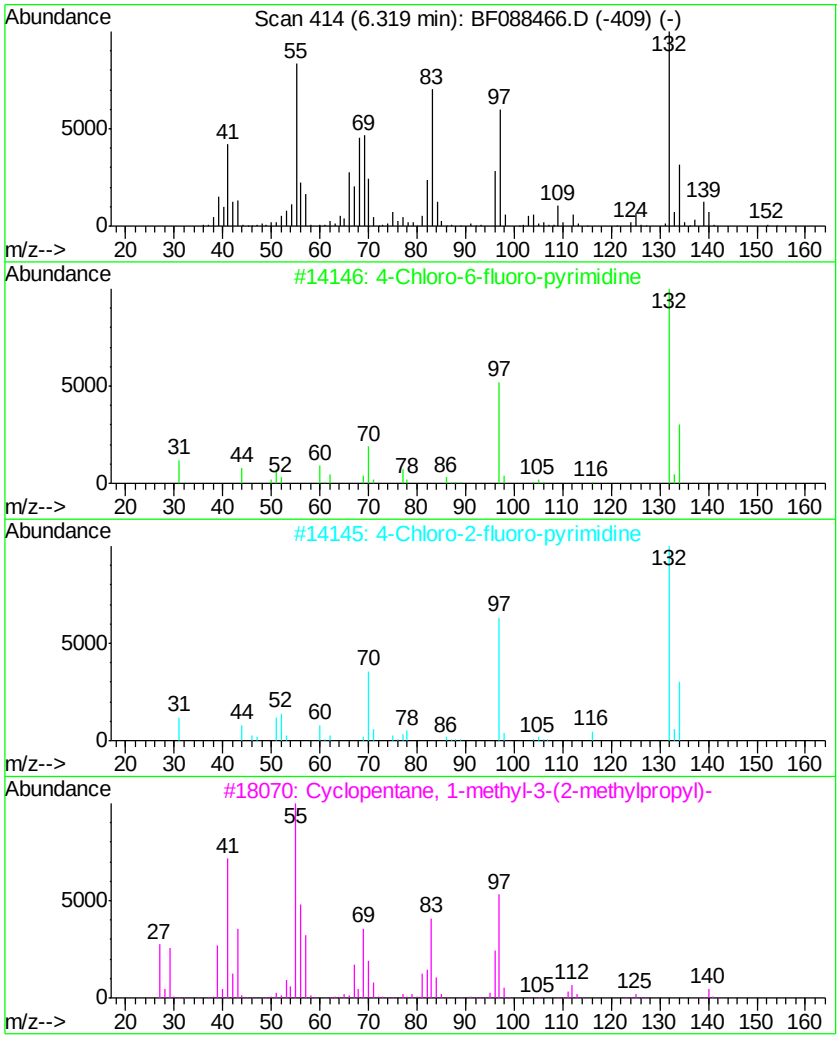
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

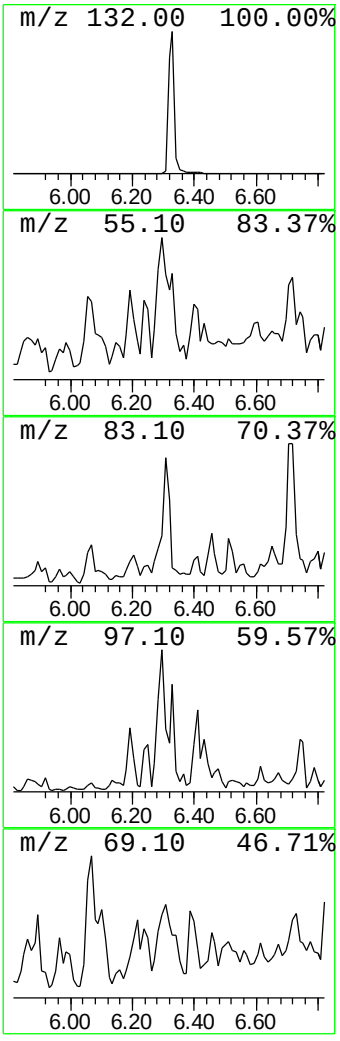
****

Peak Number 4 unknown6.32 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.32	24.98 ng	8588670	1,4-Dichlorobenzene-d4	6.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	27
3	Cyclopentane, 1-methyl-3-(2-meth...	140	C10H20	029053-04-1	15
4	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	11
5	Cyclohexanemethanol	114	C7H14O	000100-49-2	10





Data Path : Z:\HPCHEM1\BNA F\DATA\BF062716\
Data File : BF088466.D
Acq On : 27 Jun 2016 22:21
Operator : UM/SJ
Sample : H3630-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1409-TP01N-1224

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

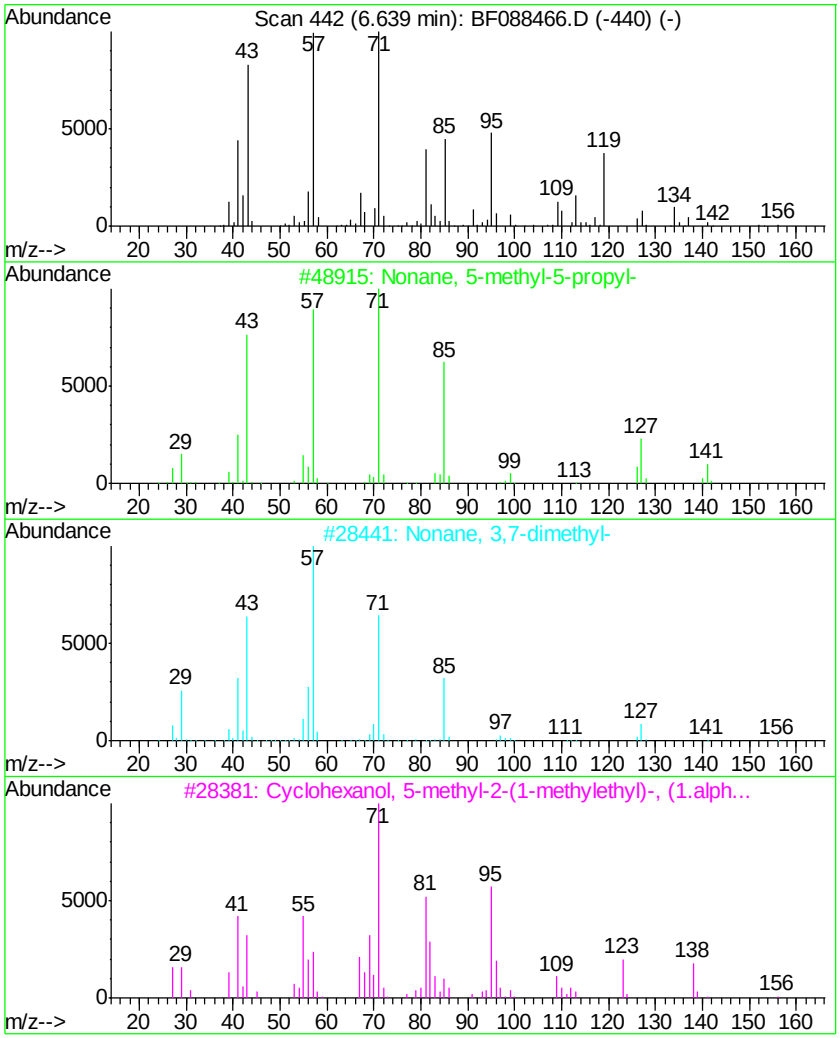
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

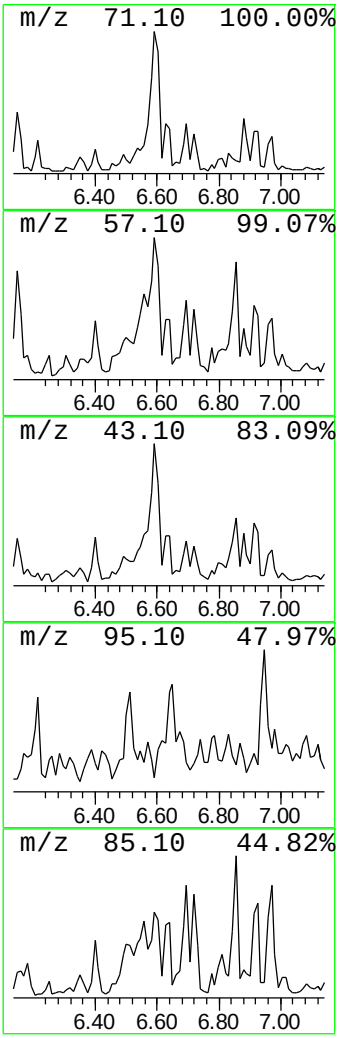
****

Peak Number 5 unknown6.64 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.64	13.64 ng	4690100	1,4-Dichlorobenzene-d4	6.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 5-methyl-5-propyl-	184	C13H28	017312-75-3	47
2	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	46
3	Cyclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	000491-02-1	43
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	43
5	3-Bromooctane	192	C8H17Br	000999-64-4	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF062716\
Data File : BF088466.D
Acq On : 27 Jun 2016 22:21
Operator : UM/SJ
Sample : H3630-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1409-TP01N-1224

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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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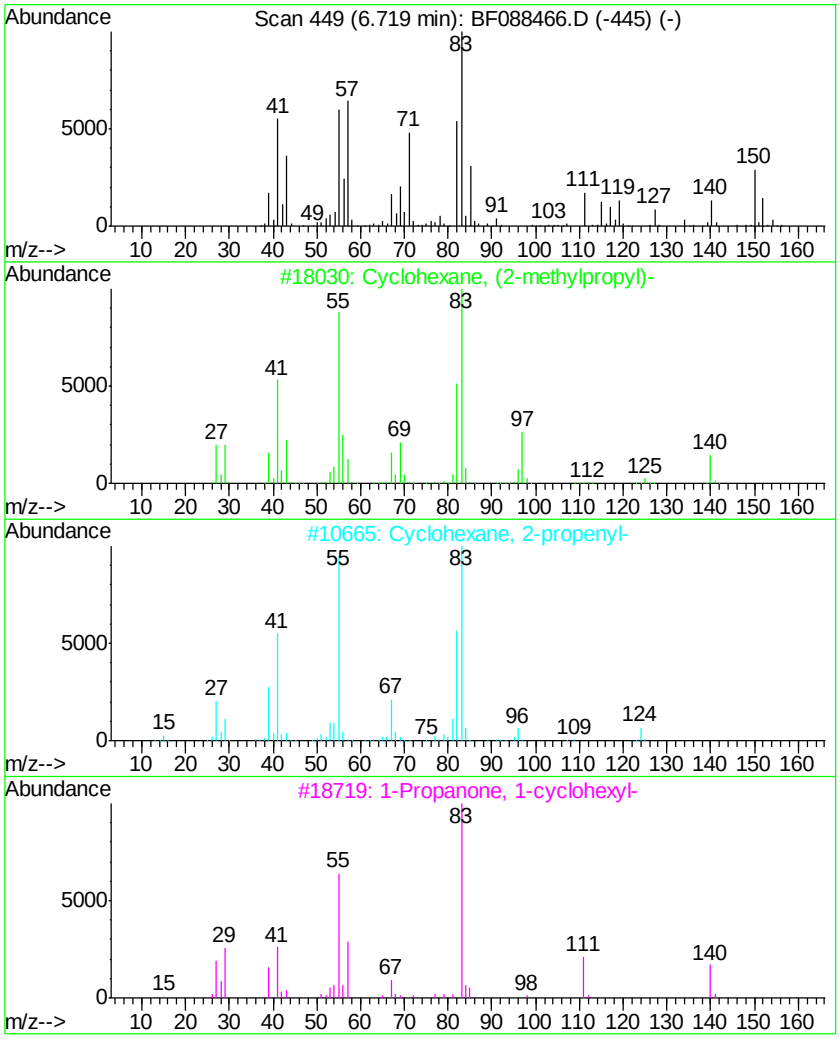
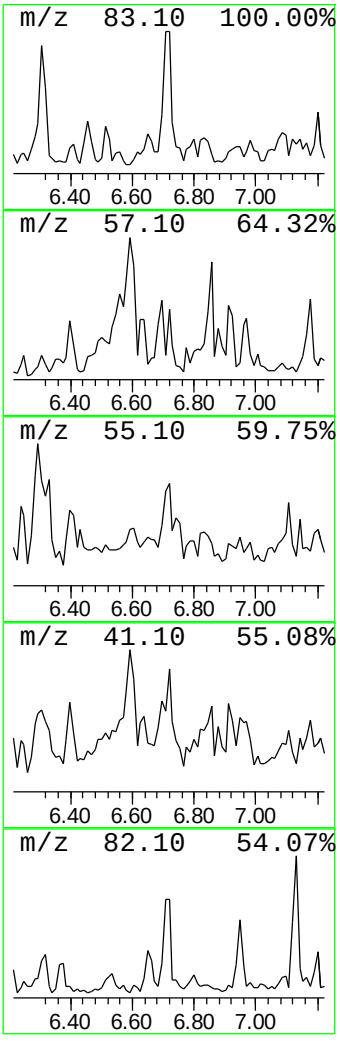
Peak Number 6 unknown6.72 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.72	27.82 ng	9565240	1,4-Dichlorobenzene-d4	6.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	38
2	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	35
3	1-Propanone, 1-cyclohexyl-	140	C9H16O	001123-86-0	30
4	1-Imidazol-1-yl-3-methylbut-2-en...	150	C8H10N2O	061985-22-6	27
5	1-Butanone, 1-cyclohexyl-	154	C10H18O	001462-27-7	27





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Acq On : 27 Jun 2016 22:21
Operator : UM/SJ
Sample : H3630-03
Misc :
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Instrument : BNA_F
ClientSampleId : B1409-TP01N-1224

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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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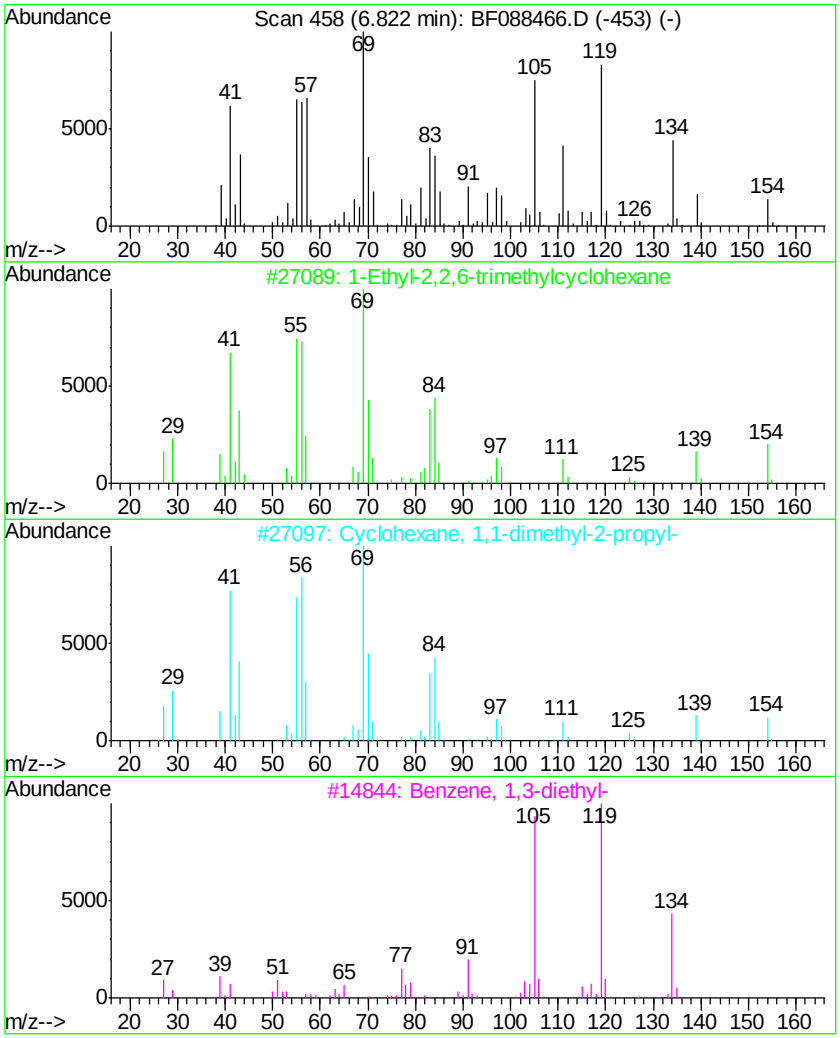
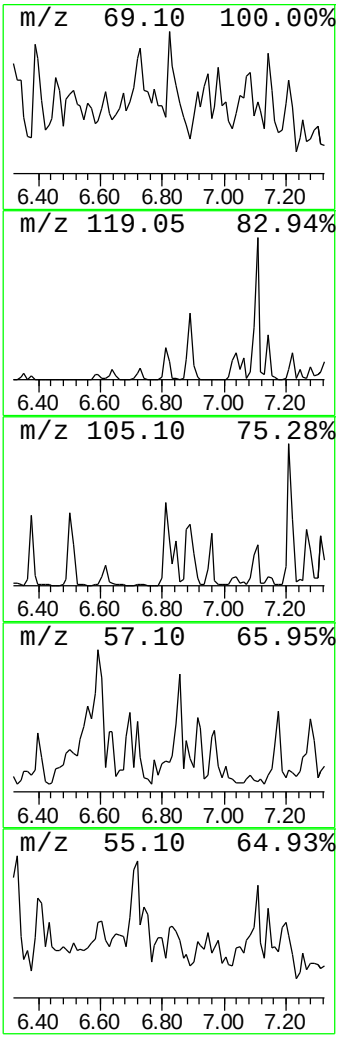
Peak Number 7 1-Ethyl-2,2,6-trimethylcycl... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.82	16.00 ng	5502080	1,4-Dichlorobenzene-d4	6.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Ethyl-2,2,6-trimethylcyclohexane	154	C11H22	071186-27-1	55
2	Cyclohexane, 1,1-dimethyl-2-propyl-	154	C11H22	081983-71-3	55
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	48
4	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	48
5	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	47





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ClientSampleId : B1409-TP01N-1224

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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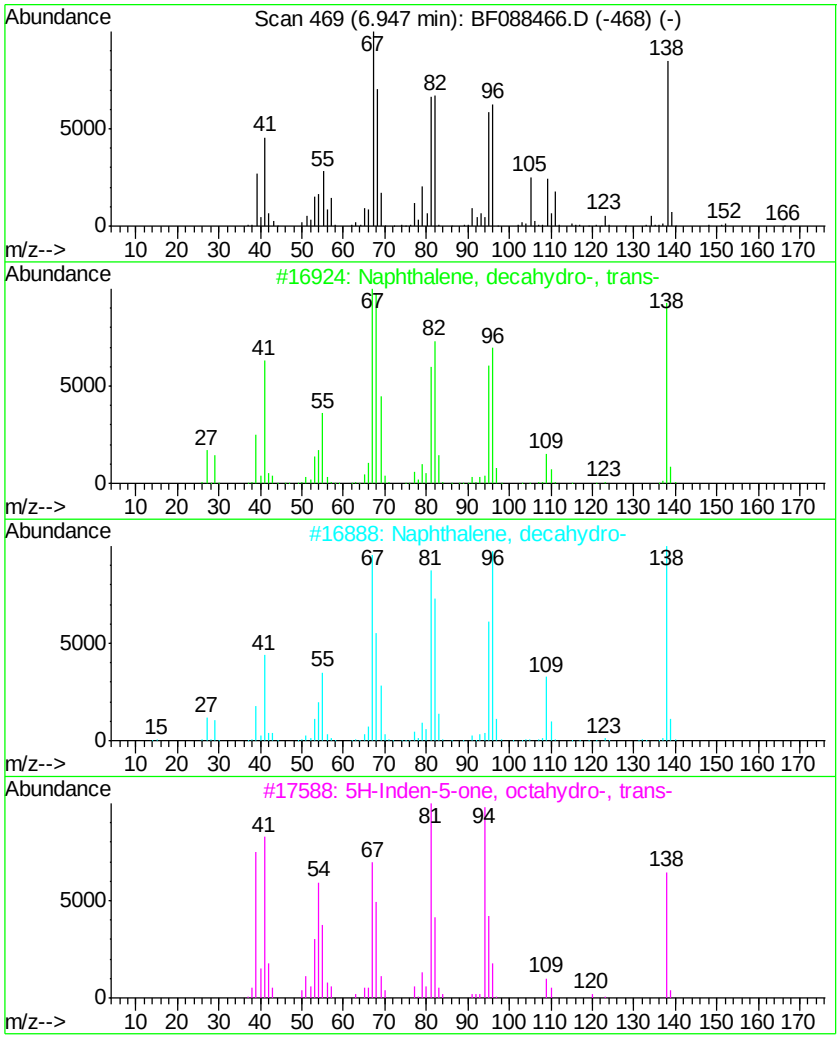
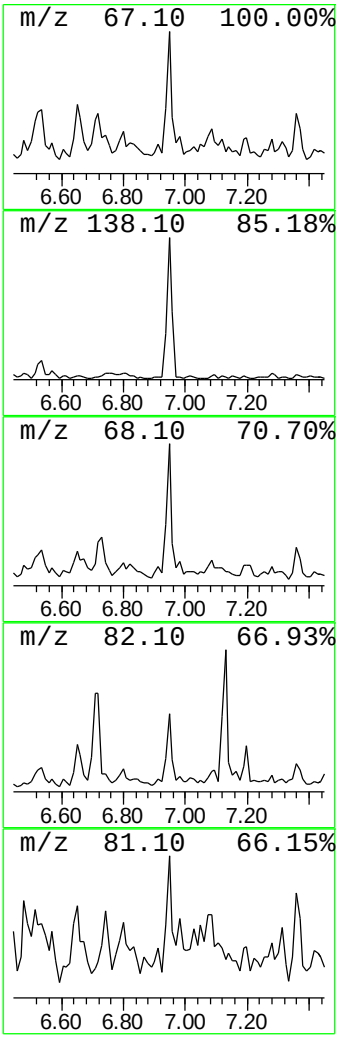
Peak Number 8 Naphthalene, decahydro-, tr... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.95	14.55 ng	5002130	1,4-Dichlorobenzene-d4	6.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	95
2	Naphthalene, decahydro-	138	C10H18	000091-17-8	95
3	5H-Inden-5-one, octahydro-, trans-	138	C9H14O	004668-81-9	72
4	Bicyclo[3.1.0]hexan-2-one, 5-(1-...	138	C9H14O	000513-20-2	72
5	Cyclohexene, 1-butyl-	138	C10H18	003282-53-9	68





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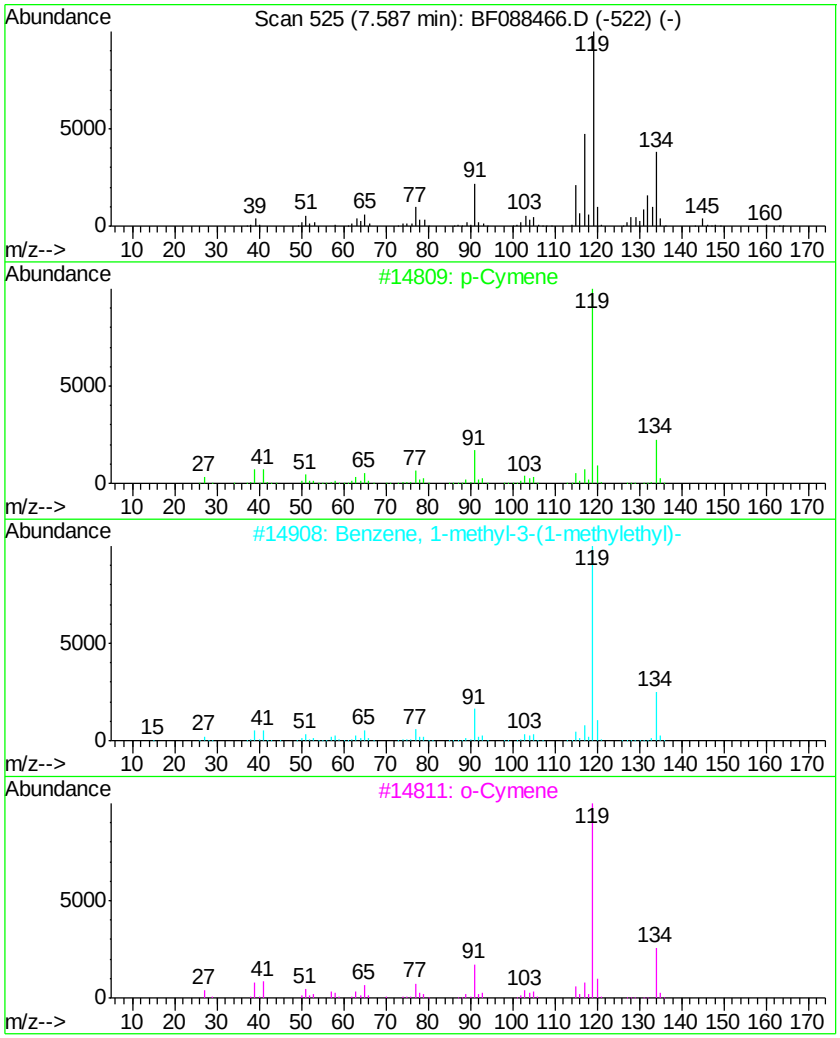
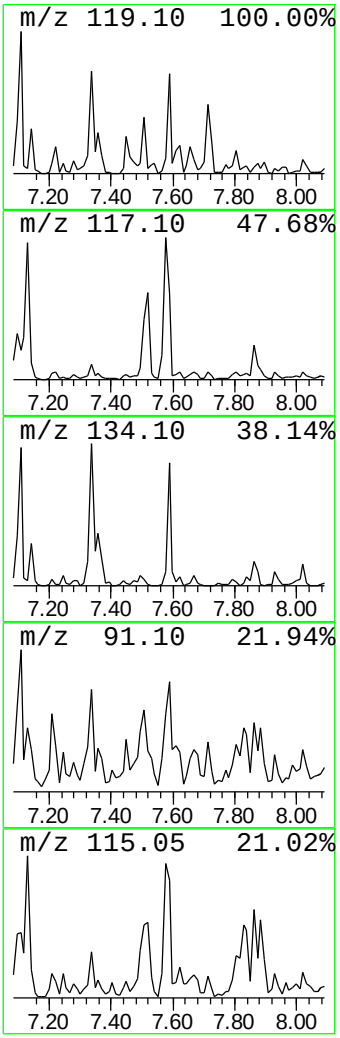
Peak Number 9 p-Cymene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	13.35 ng	4110620	Naphthalene-d8	7.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	64
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	64
3	o-Cymene	134	C10H14	000527-84-4	64
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	64
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	64





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TIC Library : C:\Database\NIST11.L
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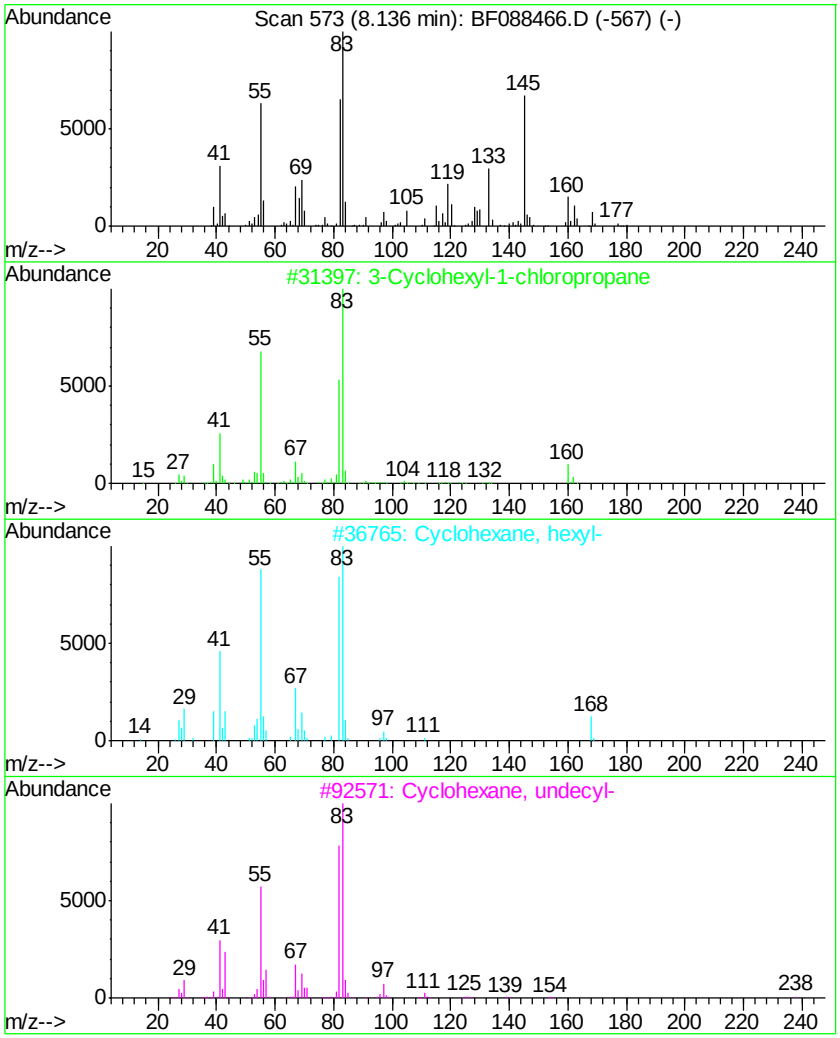
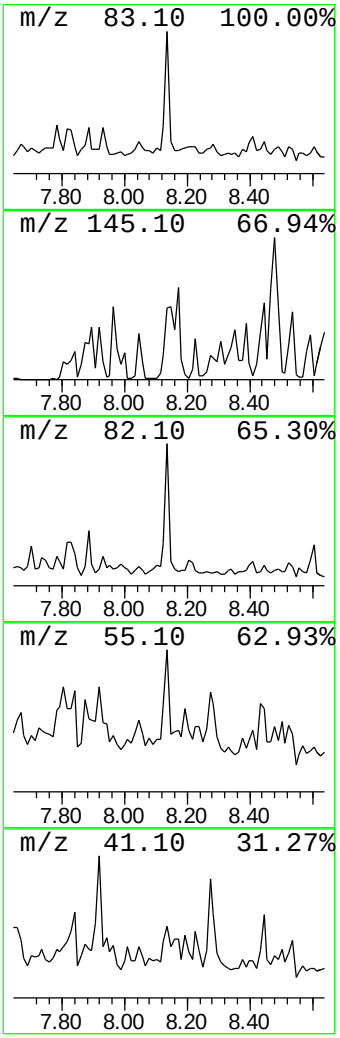
Peak Number 10 unknown8.14 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.14	14.33 ng	4412590	Naphthalene-d8	7.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Cyclohexyl-1-chloropropane	160	C9H17Cl	001124-62-5	46
2	Cyclohexane, hexyl-	168	C12H24	004292-75-5	45
3	Cyclohexane, undecyl-	238	C17H34	054105-66-7	43
4	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	43
5	1H-Indene, 2,3-dihydro-1,4,7-tri...	160	C12H16	054340-87-3	40





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ALS Vial : 3 Sample Multiplier: 1

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TIC Library : C:\Database\NIST11.L
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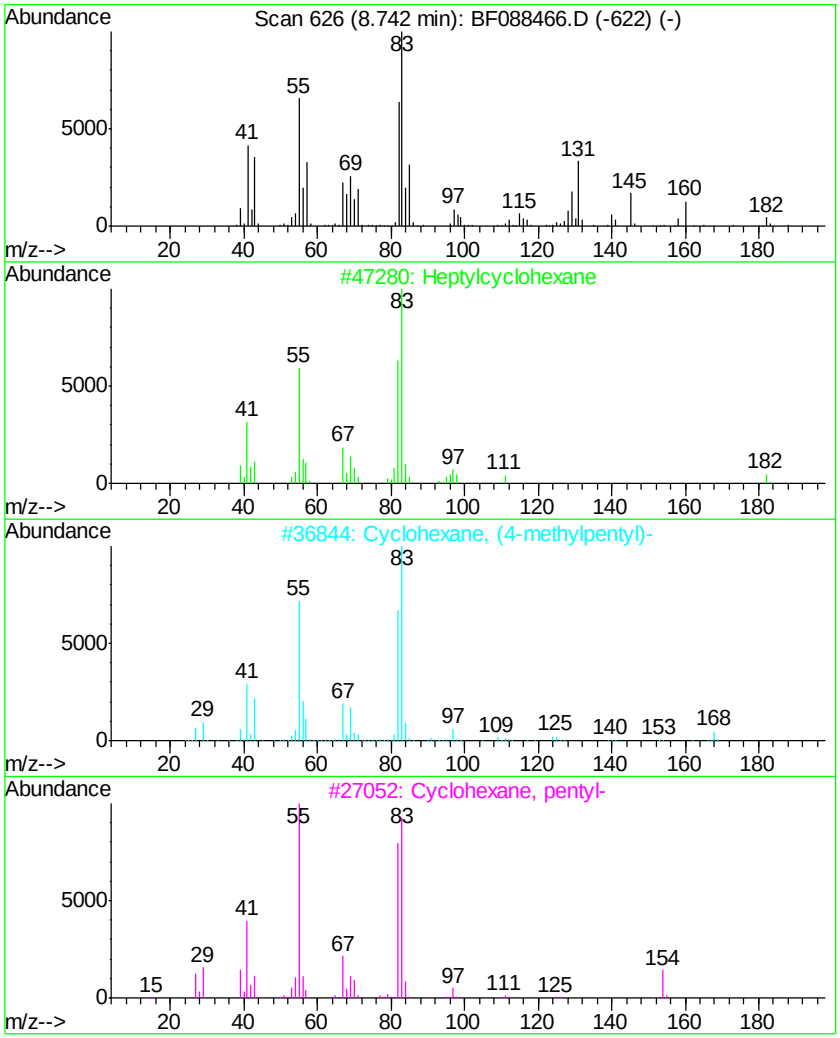
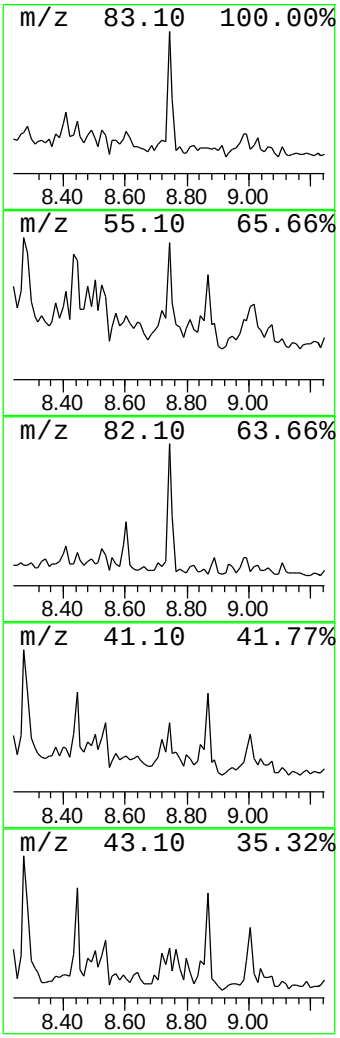
Peak Number 11 Heptylcyclohexane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.74	79.50 ng	2227810	Acenaphthene-d10	9.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptylcyclohexane	182	C13H26	005617-41-4	52
2	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	50
3	Cyclohexane, pentyl-	154	C11H22	004292-92-6	47
4	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	47
5	Cyclohexane, butyl-	140	C10H20	001678-93-9	47





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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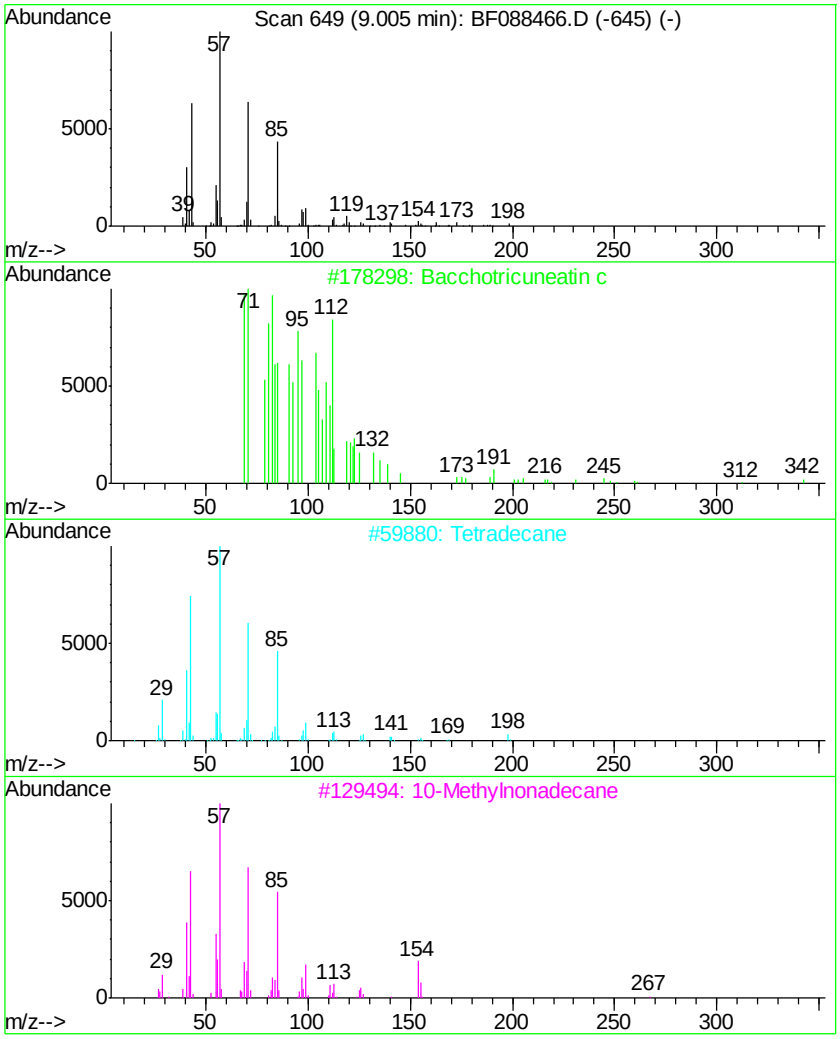
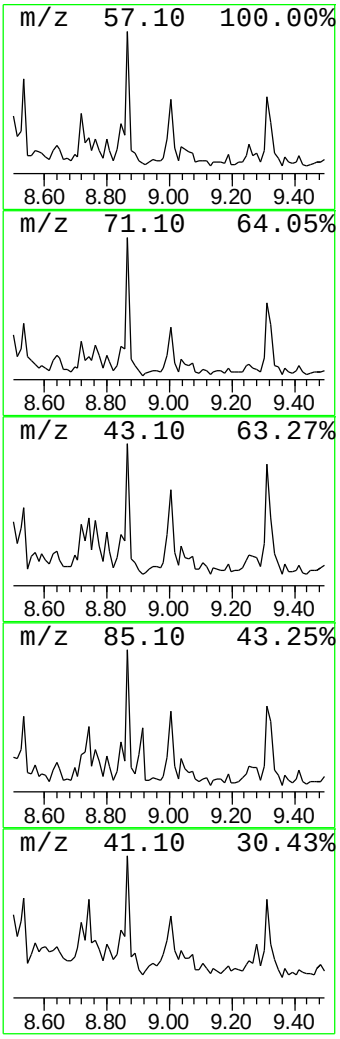
Peak Number 12 Bacchotricuneatin c Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.00	27.15 ng	760769	Acenaphthene-d10	9.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bacchotricuneatin c	342	C20H22O5	066563-30-2	96
2	Tetradecane	198	C14H30	000629-59-4	86
3	10-Methylnonadecane	282	C20H42	056862-62-5	78
4	Dodecane, 2-methyl-	184	C13H28	001560-97-0	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\NIST11.L
TIC Integration Parameters: LSCINT.P

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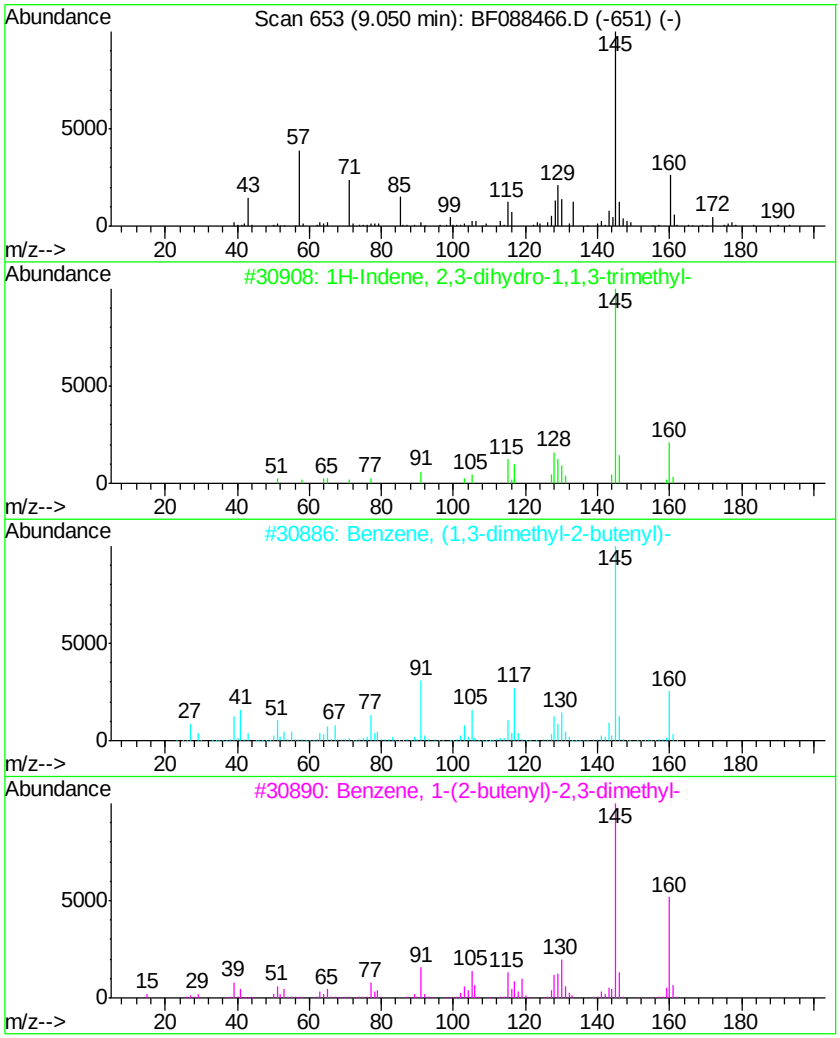
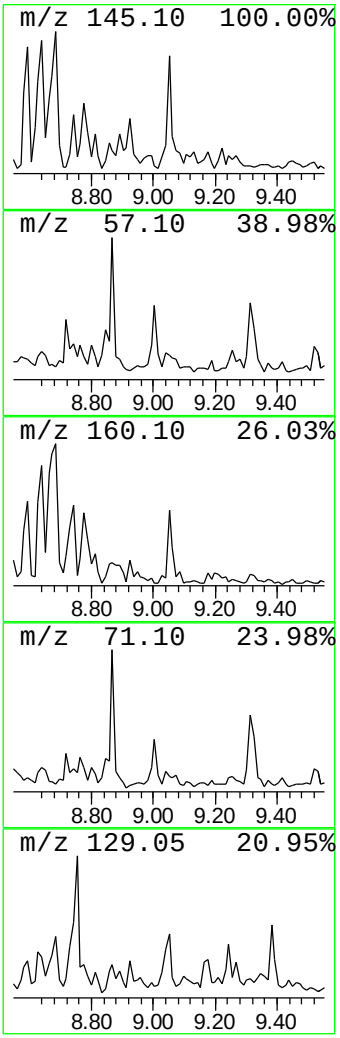
Peak Number 13 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.05	14.50 ng	406382	Acenaphthene-d10	9.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	70
2	Benzene, (1,3-dimethyl-2-butenyl)-	160	C12H16	050704-01-3	70
3	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	62
4	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	62
5	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	62





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ALS Vial : 3 Sample Multiplier: 1

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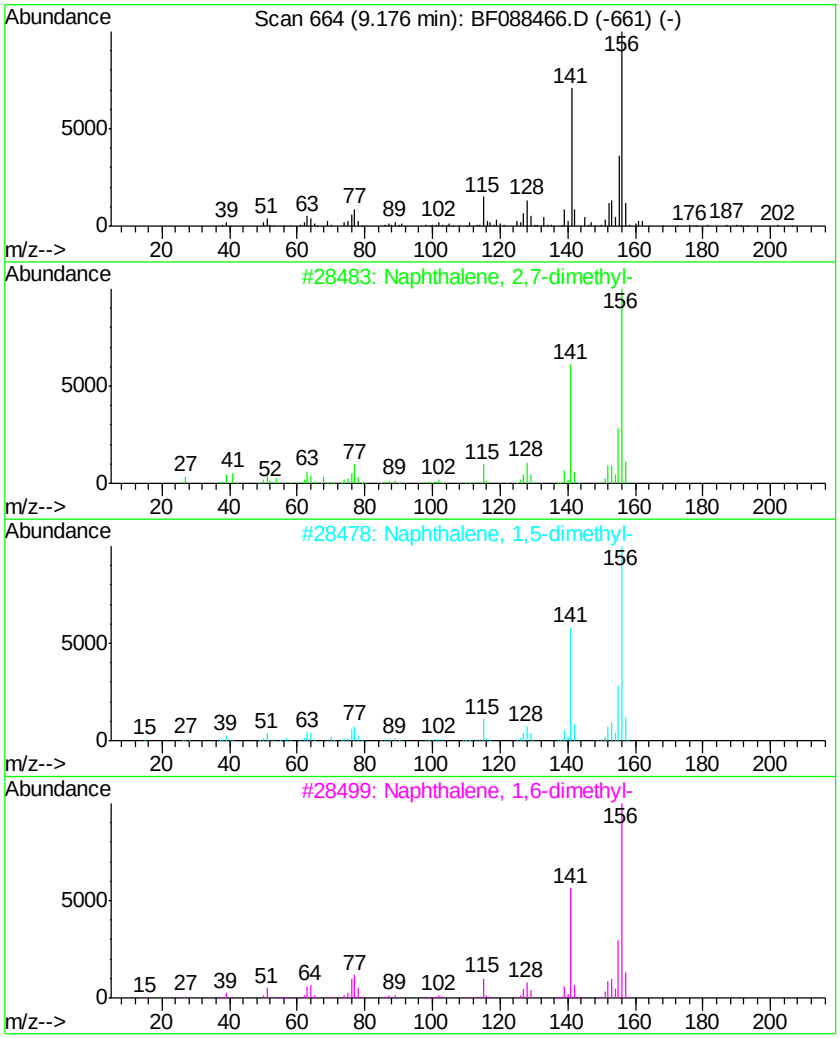
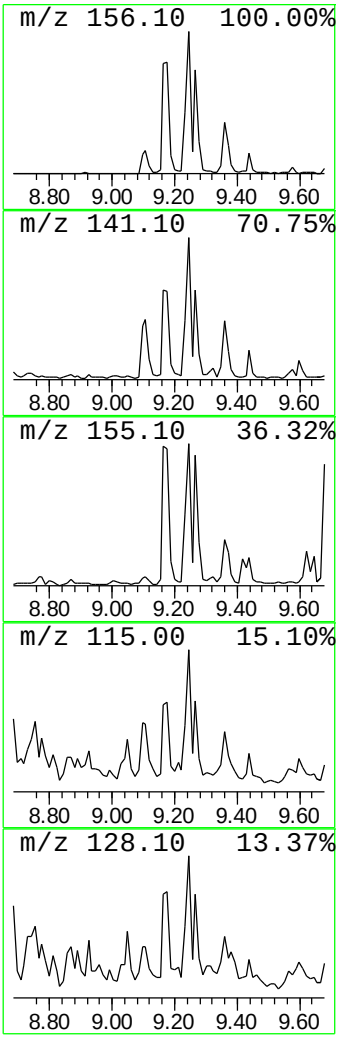
Peak Number 14 Naphthalene, 2,7-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.18	22.81 ng	639107	Acenaphthene-d10	9.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96





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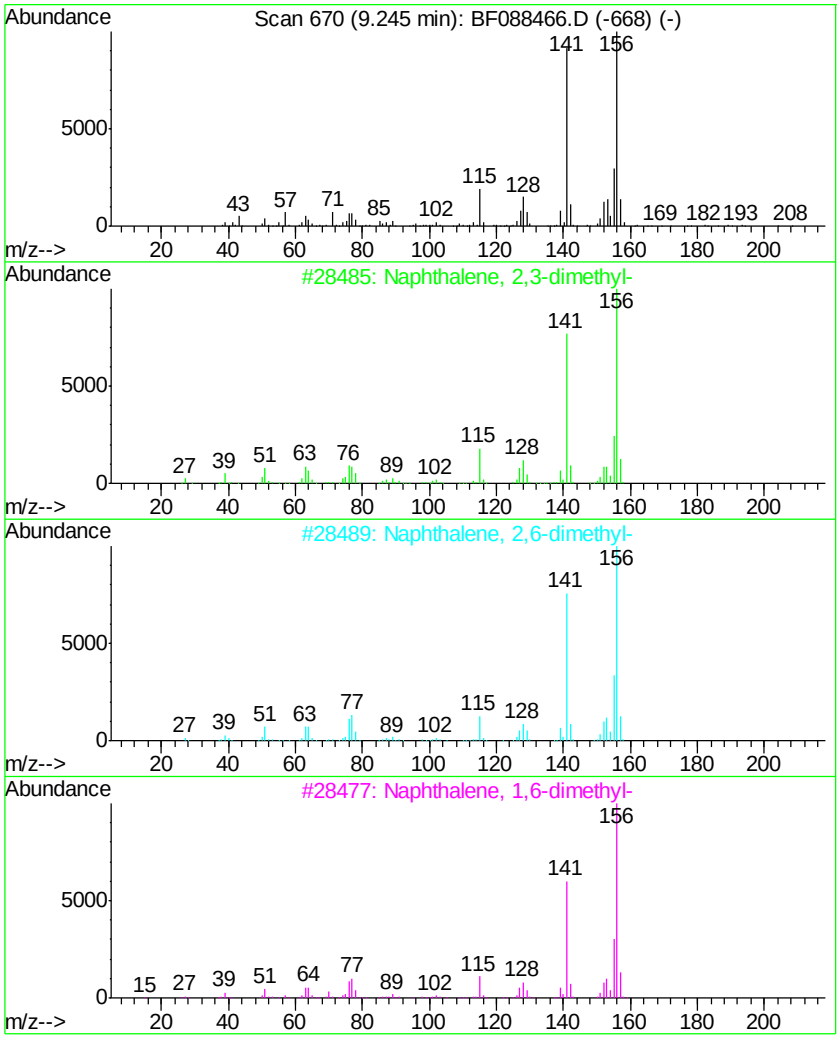
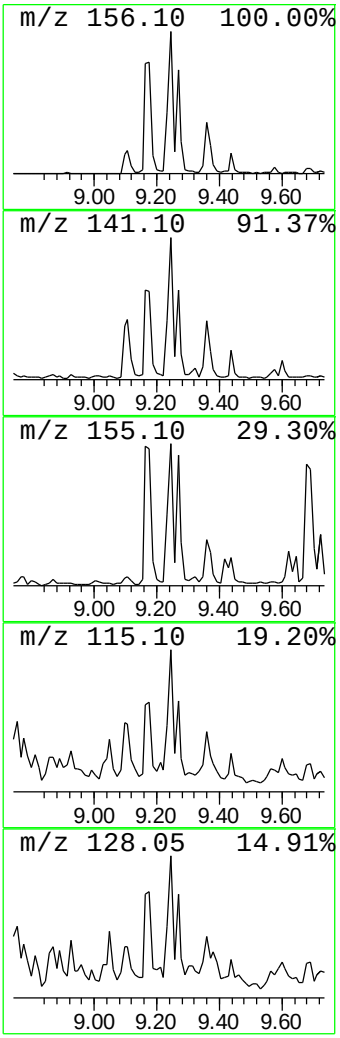
Peak Number 15 Naphthalene, 2,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.24	22.83 ng	639638	Acenaphthene-d10	9.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97





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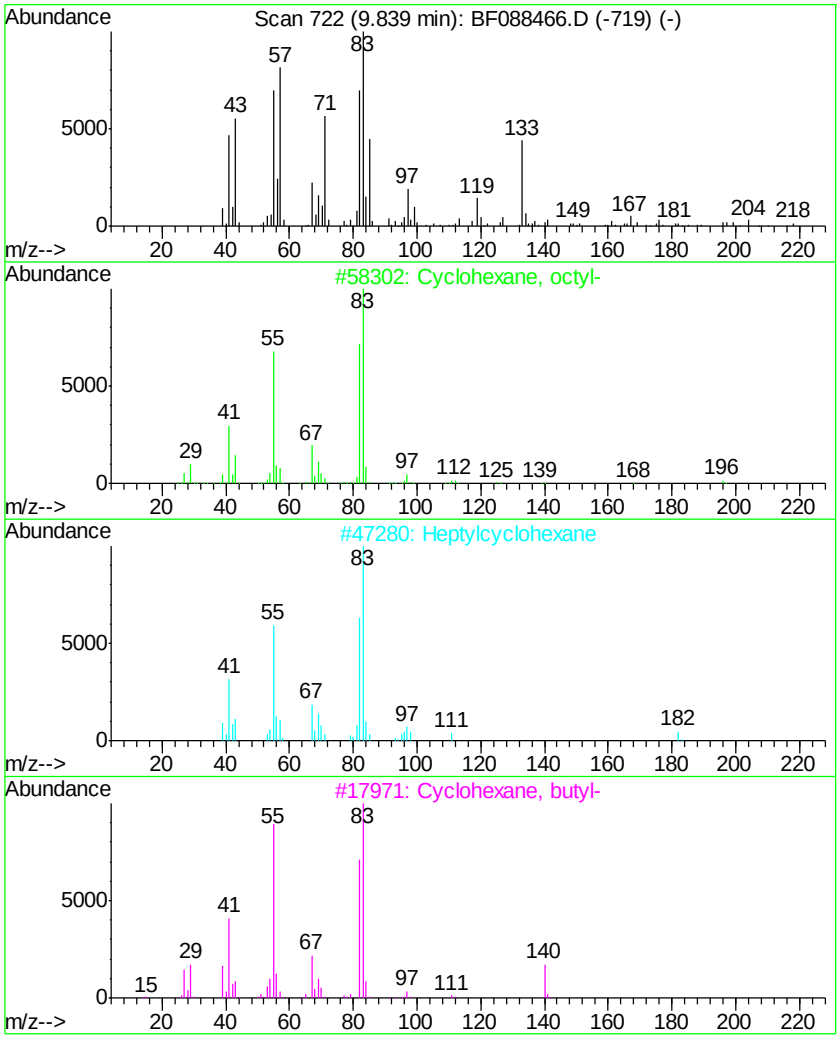
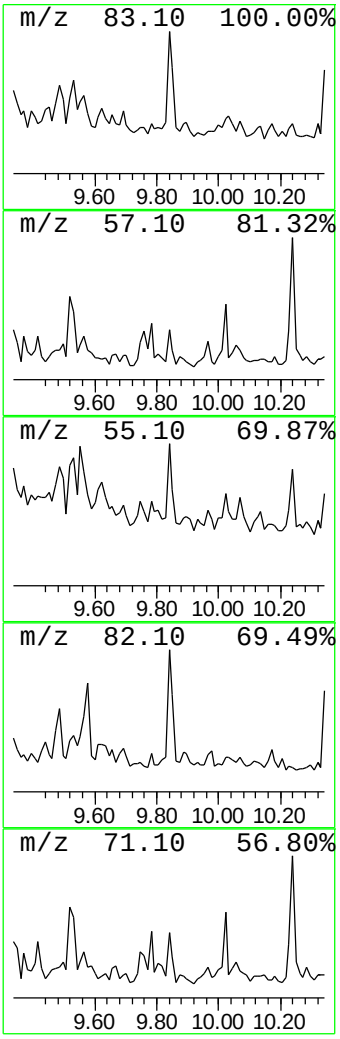
Peak Number 16 Cyclohexane, octyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.84	14.17 ng	397226	Acenaphthene-d10	9.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, octyl-	196	C14H28	001795-15-9	50
2	Heptylcyclohexane	182	C13H26	005617-41-4	43
3	Cyclohexane, butyl-	140	C10H20	001678-93-9	38
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	38
5	Cyclohexane, pentyl-	154	C11H22	004292-92-6	35





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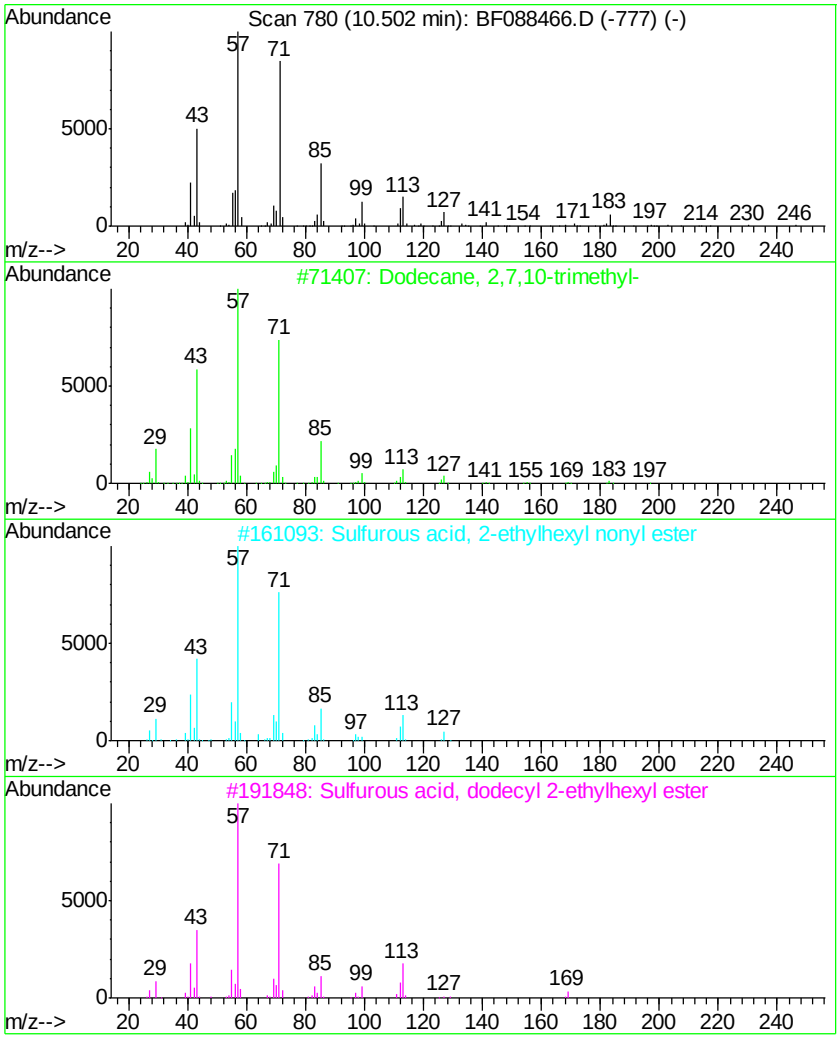
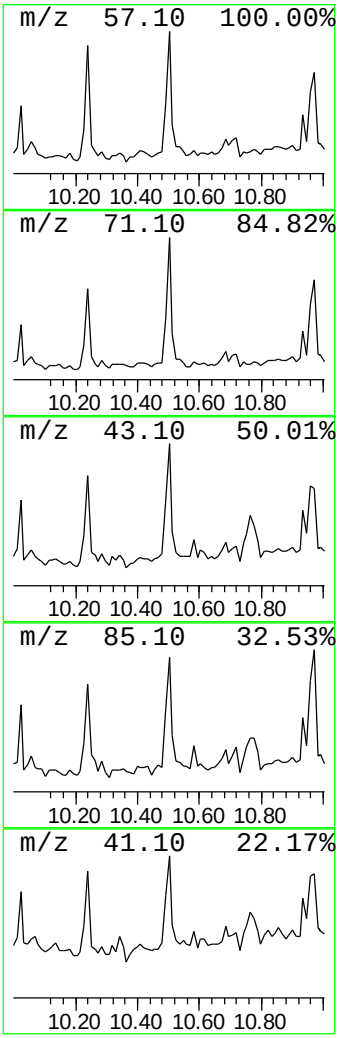
Peak Number 17 Dodecane, 2,7,10-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.50	38.38 ng	498999	Phenanthrene-d10	11.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
2	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	80
3	Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	72
4	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	72
5	Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	72





Data Path : Z:\HPCHEM1\BNA F\DATA\BF062716\
Data File : BF088466.D
Acq On : 27 Jun 2016 22:21
Operator : UM/SJ
Sample : H3630-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1409-TP01N-1224

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.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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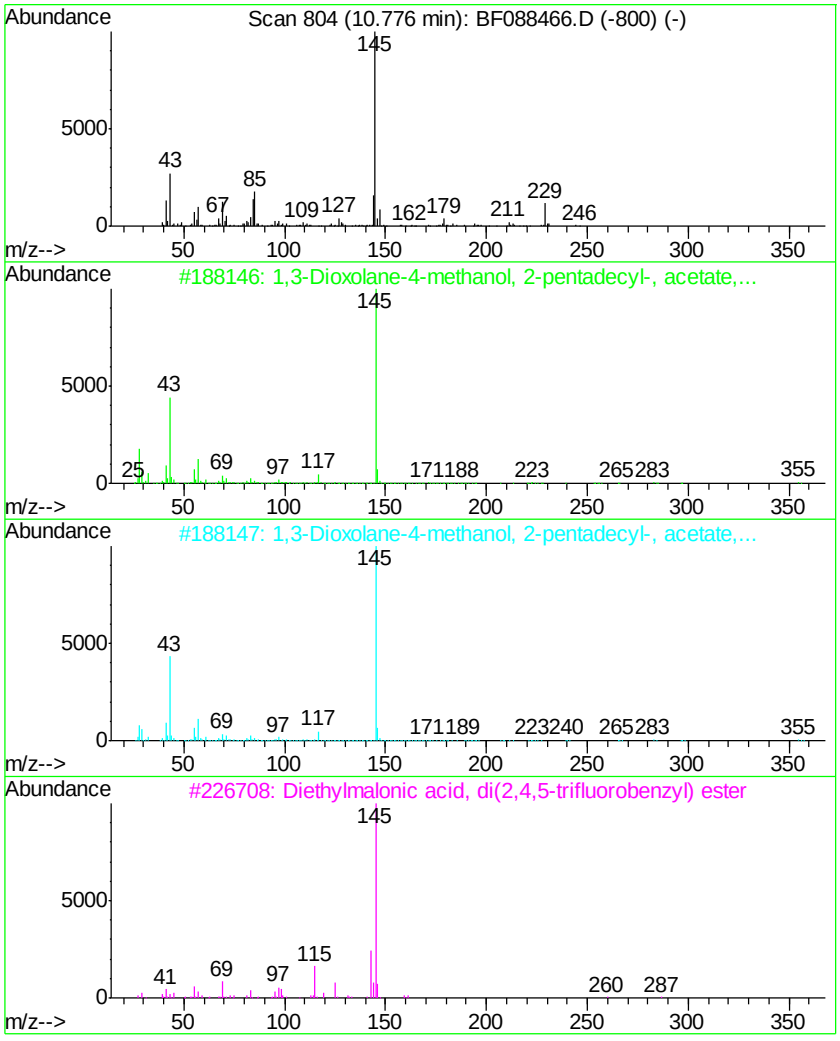
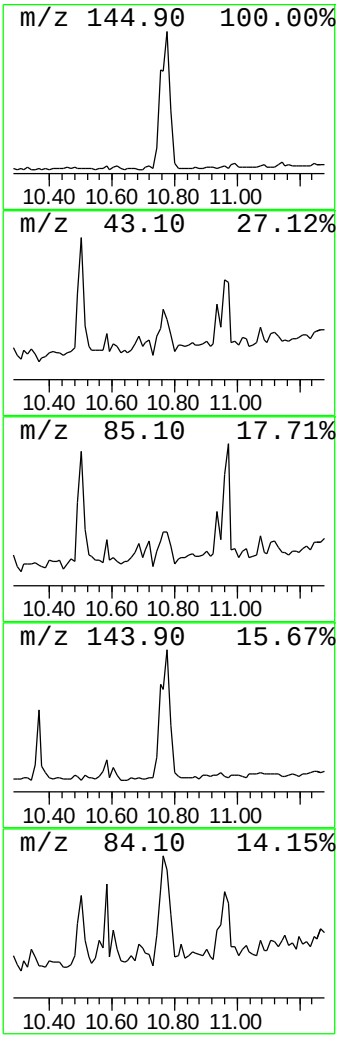
Peak Number 18 unknown10.78 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.78	26.45 ng	343821	Phenanthrene-d10	11.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolane-4-methanol, 2-pent...	356	C21H40O4	030889-29-3	47
2	1,3-Dioxolane-4-methanol, 2-pent...	356	C21H40O4	030889-32-8	47
3	Diethylmalonic acid, di(2,4,5-tr...	448	C21H18F6O4	1000369-27-0	38
4	1,3-Dioxan-5-ol, 2-pentadecyl-, ...	356	C21H40O4	030889-23-7	38
5	1,3-Dioxan-5-ol, 2-pentadecyl-, ...	356	C21H40O4	030889-26-0	25





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062716\
Data File : BF088466.D
Acq On : 27 Jun 2016 22:21
Operator : UM/SJ
Sample : H3630-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1409-TP01N-1224

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.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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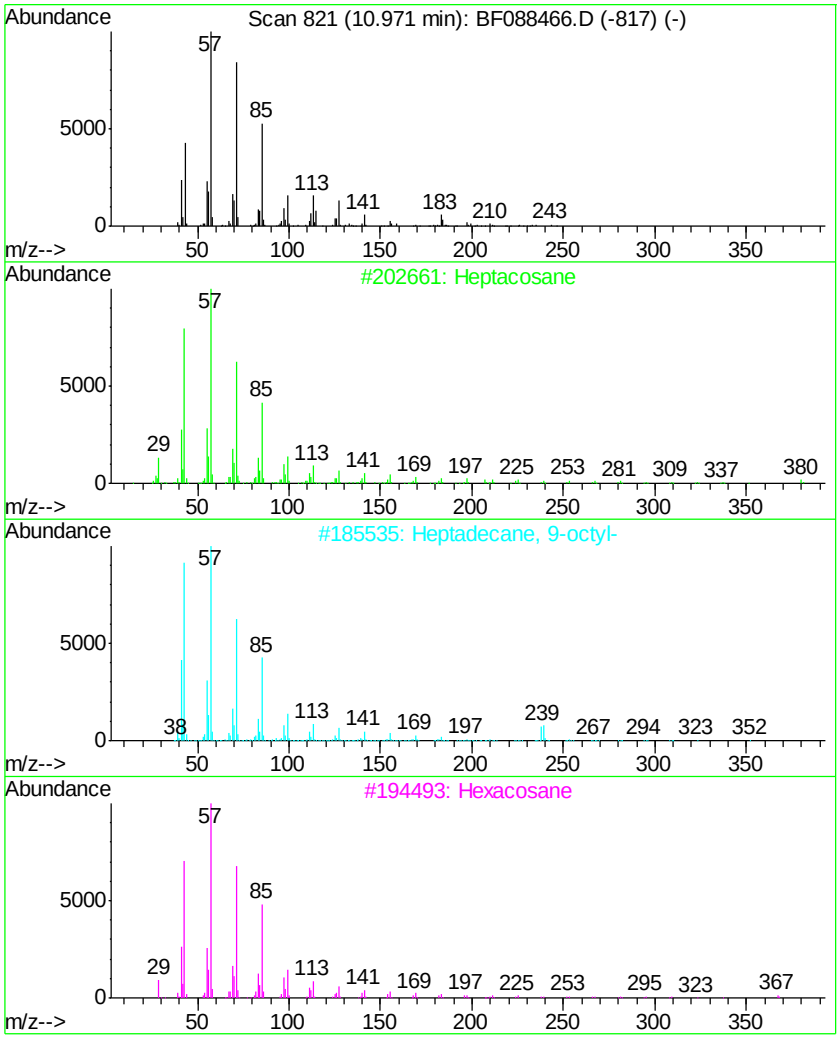
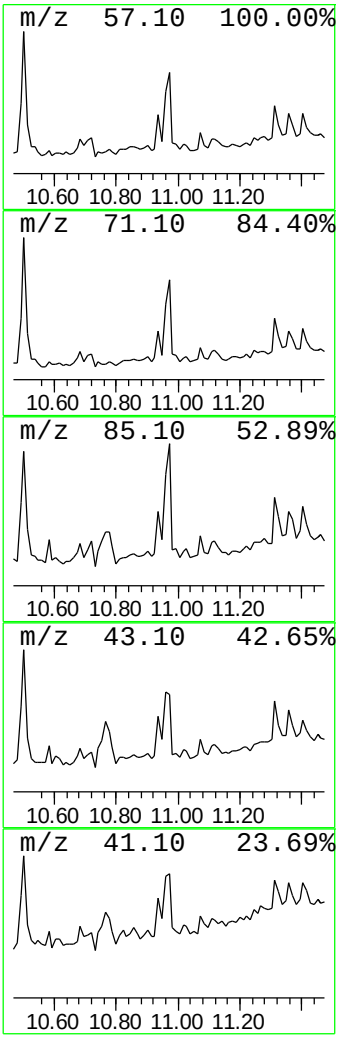
Peak Number 19 Heptacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.97	36.92 ng	480018	Phenanthrene-d10	11.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	90
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
3	Hexacosane	366	C26H54	000630-01-3	87
4	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	86
5	Heneicosane	296	C21H44	000629-94-7	86





Data Path : Z:\HPCHEM1\BNA F\DATA\BF062716\
Data File : BF088466.D
Acq On : 27 Jun 2016 22:21
Operator : UM/SJ
Sample : H3630-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1409-TP01N-1224

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.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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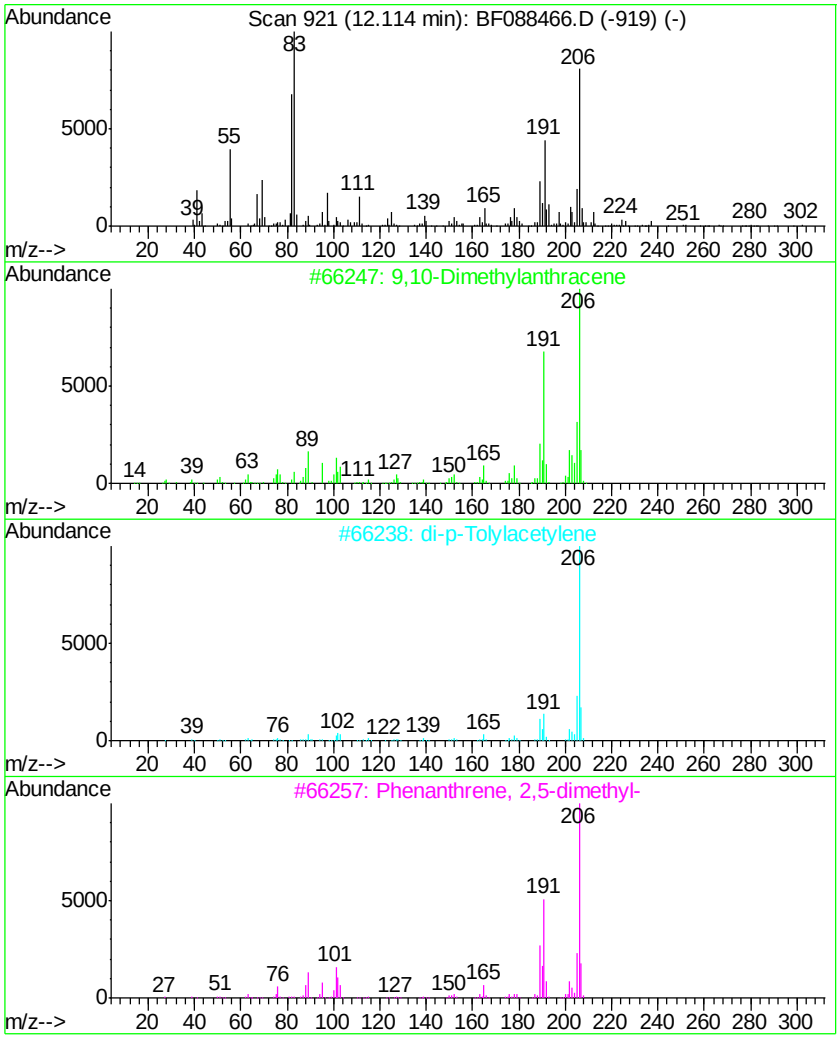
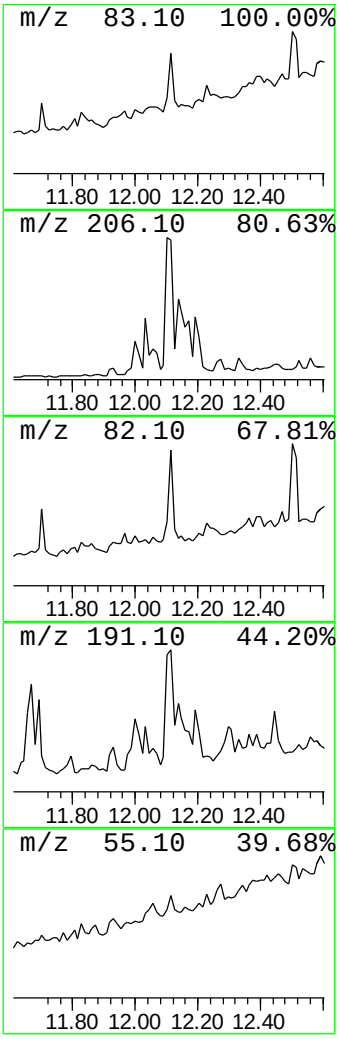
Peak Number 20 9,10-Dimethylanthracene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	32.67 ng	424710	Phenanthrene-d10	11.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	64
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	64
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	50
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	50
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	41





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062716\
Data File : BF088466.D
Acq On : 27 Jun 2016 22:21
Operator : UM/SJ
Sample : H3630-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1409-TP01N-1224

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.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
Octane, 2,6-dimet...	5.79	18.6	ng	6409290	1	6.55	6875940	20.0
Heptane, 3-ethyl-...	5.85	12.4	ng	4253110	1	6.55	6875940	20.0
1-Hexene, 3,5,5-t...	6.06	27.0	ng	9274210	1	6.55	6875940	20.0
unknown6.32	6.32	25.0	ng	8588670	1	6.55	6875940	20.0
unknown6.64	6.64	13.6	ng	4690100	1	6.55	6875940	20.0
unknown6.72	6.72	27.8	ng	9565240	1	6.55	6875940	20.0
1-Ethyl-2,2,6-tri...	6.82	16.0	ng	5502080	1	6.55	6875940	20.0
Naphthalene, deca...	6.95	14.6	ng	5002130	1	6.55	6875940	20.0
p-Cymene	7.59	13.4	ng	4110620	2	7.84	6157900	20.0
unknown8.14	8.14	14.3	ng	4412590	2	7.84	6157900	20.0
Heptylcyclohexane	8.74	79.5	ng	2227810	3	9.58	560466	20.0
Bacchotricuneatin c	9.00	27.1	ng	760769	3	9.58	560466	20.0
1H-Indene, 2,3-di...	9.05	14.5	ng	406382	3	9.58	560466	20.0
Naphthalene, 2,7-...	9.18	22.8	ng	639107	3	9.58	560466	20.0
Naphthalene, 2,3-...	9.24	22.8	ng	639638	3	9.58	560466	20.0
Cyclohexane, octyl-	9.84	14.2	ng	397226	3	9.58	560466	20.0
Dodecane, 2,7,10-...	10.50	38.4	ng	498999	4	11.05	260018	20.0
unknown10.78	10.78	26.4	ng	343821	4	11.05	260018	20.0
Heptacosane	10.97	36.9	ng	480018	4	11.05	260018	20.0
9,10-Dimethylanth...	12.11	32.7	ng	424710	4	11.05	260018	20.0