LSC Area Percent Report

Data Path : U:\HPCHEM1\BNA F\DATA\BF101816\
Data File : BF090630.D
Acq On : 18 Oct 2016 16:18
Operator : UM/SJ
Sample : H5289-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-3-1

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-BF101316.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	2.920	42	51	55	rVB	76865	233194	4.74%	0.289%
2	5.080	238	240	244	rBV	723429	1163371	23.65%	1.440%
3	5.514	275	278	280	rVV	3221745	3978461	80.87%	4.923%
4	5.731	296	297	301	rVB3	104924	151849	3.09%	0.188%
5	6.051	323	325	327	rVB3	129531	143564	2.92%	0.178%
6	6.143	330	333	336	rVV4	135076	185727	3.78%	0.230%
7	6.337	347	350	352	rBV2	120316	198807	4.04%	0.246%
8	6.429	356	358	362	rVB4	124475	174337	3.54%	0.216%
9	6.531	365	367	370	rBV	2810704	4150122	84.36%	5.136%
10	6.669	377	379	381	rBV	4714357	4362297	88.68%	5.398%
11	6.737	382	385	389	rVB2	134824	245925	5.00%	0.304%
12	6.897	397	399	403	rBV	1475949	1443247	29.34%	1.786%
13	7.057	410	413	415	rBV	3836395	3705131	75.32%	4.585%
14	7.457	446	448	451	rBV	1829794	2738417	55.67%	3.389%
15	7.503	451	452	454	rVB	209242	153351	3.12%	0.190%
16	7.926	485	489	492	rBV2	124538	210007	4.27%	0.260%
17	7.983	492	494	499	rVB4	94922	183219	3.72%	0.227%
18	8.189	509	512	516	rVV	1983320	2626556	53.39%	3.250%
19	8.246	516	517	521	rVV	159190	212798	4.33%	0.263%
20	8.612	547	549	551	rVV	421735	406783	8.27%	0.503%
21	8.783	562	564	566	rBV	259872	242912	4.94%	0.301%
22	8.897	573	574	578	rVB	482000	464839	9.45%	0.575%
23	9.000	581	583	585	rBV	516765	465264	9.46%	0.576%
24	9.217	600	602	604	rVB	152052	187255	3.81%	0.232%
25	9.263	604	606	609	rBV	5129243	4919391	100.00%	6.088%
26	9.343	611	613	616	rVV2	273350	403931	8.21%	0.500%
27	9.526	627	629	631	rVB2	159898	228533	4.65%	0.283%
28	9.606	631	636	637	rBV	408500	667896	13.58%	0.827%
29	9.663	639	641	643	rVV	2164676	2220168	45.13%	2.747%
30	9.720	644	646	651	rVB	272343	364661	7.41%	0.451%
31	9.800	651	653	655	rBV	354033	365102	7.42%	0.452%
32	9.880	655	660	662	rVB	318804	457710	9.30%	0.566%
33	9.949	662	666	667	rBV	1955209	2491005	50.64%	3.083%
34	9.983	667	669	670	rVB2	107900	144029	2.93%	0.178%

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Sample : H5289-01
Misc :
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Instrument : BNA_F
ClientSampleId : SP-3-1

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 >
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.052	673	675	677	rBV	93931	134138	2.73%	0.166%
36	10.098	677	679	681	rBV3	61149	140880	2.86%	0.174%
37	10.143	681	683	685	rVV	319196	334747	6.80%	0.414%
38	10.189	685	687	690	rVB3	125321	187041	3.80%	0.231%
39	10.258	692	693	694	rBV	161979	166401	3.38%	0.206%
40	10.372	699	703	705	rBV2	380890	721873	14.67%	0.893%
41	10.440	705	709	711	rBV4	59217	159801	3.25%	0.198%
42	10.486	711	713	714	rBV	252233	214019	4.35%	0.265%
43	10.600	720	723	726	rBV	292967	517256	10.51%	0.640%
44	10.646	726	727	729	rVV	239003	223267	4.54%	0.276%
45	10.738	732	735	737	rVV	2811246	3122098	63.47%	3.864%
46	10.863	743	746	749	rVB	1017009	1400865	28.48%	1.734%
47	10.932	751	752	757	rVB4	77564	145270	2.95%	0.180%
48	11.046	759	762	765	rBV4	79764	156630	3.18%	0.194%
49	11.172	771	773	777	rBV2	191844	327183	6.65%	0.405%
50	11.240	777	779	781	rVV	136125	173914	3.54%	0.215%
51	11.298	781	784	786	rVV2	492631	566658	11.52%	0.701%
52	11.332	786	787	790	rVB2	257212	224619	4.57%	0.278%
53	11.435	793	796	800	rBV2	1914062	2901685	58.98%	3.591%
54	11.503	801	802	804	rVB	262517	241542	4.91%	0.299%
55	11.606	809	811	813	rVB2	133002	140409	2.85%	0.174%
56	11.663	813	816	819	rBV3	167652	372493	7.57%	0.461%
57	11.721	819	821	823	rVB	280136	364654	7.41%	0.451%
58	11.938	837	840	841	rBV	157368	274467	5.58%	0.340%
59	11.961	841	842	844	rVB	1080122	866652	17.62%	1.072%
60	12.041	847	849	850	rBV	297971	279441	5.68%	0.346%
61	12.132	855	857	859	rBV	377679	351678	7.15%	0.435%
62	12.383	876	879	880	rBV2	100348	169501	3.45%	0.210%
63	12.406	880	881	886	rVB3	87178	179745	3.65%	0.222%
64	12.486	886	888	889	rBV	271035	285204	5.80%	0.353%
65	12.521	889	891	894	rVV2	432600	469786	9.55%	0.581%
66	12.566	894	895	898	rVB	206003	231888	4.71%	0.287%
67	12.646	899	902	904	rBV	1519280	1399926	28.46%	1.732%
68	12.749	909	911	912	rBV2	148701	222627	4.53%	0.276%
69	12.875	918	922	925	rVB	1256683	1584910	32.22%	1.961%
70	12.932	925	927	930	rVB2	137172	219064	4.45%	0.271%
71	12.989	930	932	933	rBV	100869	138735	2.82%	0.172%

LSC Area Percent Report

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Sample : H5289-01
Misc :
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Instrument : BNA_F
ClientSampleId : SP-3-1

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
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.024	933	935	937	rVV	3755252	3693967	75.09%	4.571%
73	13.092	939	941	945	rBV4	152711	275726	5.60%	0.341%
74	13.184	947	949	952	rVB3	153240	348066	7.08%	0.431%
75	13.252	953	955	958	rBV2	248979	314959	6.40%	0.390%
76	13.309	958	960	961	rBV	205014	247029	5.02%	0.306%
77	13.435	969	971	973	rBV2	65427	156889	3.19%	0.194%
78	13.595	983	985	989	rBV3	226200	288758	5.87%	0.357%
79	13.709	993	995	998	rVB	274885	291509	5.93%	0.361%
80	13.824	1002	1005	1006	rBV2	191891	300124	6.10%	0.371%
81	13.915	1011	1013	1016	rVB2	399946	579634	11.78%	0.717%
82	14.075	1024	1027	1034	rBV3	1724591	3778766	76.81%	4.676%
83	14.464	1059	1061	1063	rVV	180723	170926	3.47%	0.212%
84	14.498	1063	1064	1066	rVB2	198712	197373	4.01%	0.244%
85	14.544	1066	1068	1070	rBV3	208535	289922	5.89%	0.359%
86	14.589	1070	1072	1075	rVB3	155250	221217	4.50%	0.274%
87	14.852	1093	1095	1096	rBV	150320	153962	3.13%	0.191%
88	15.115	1115	1118	1123	rBV	1440874	2782664	56.57%	3.444%
89	15.184	1123	1124	1126	rVB	181689	219001	4.45%	0.271%
90	15.412	1142	1144	1147	rVB	752028	1004784	20.42%	1.243%
91	15.481	1147	1150	1153	rVV	561038	881449	17.92%	1.091%
92	15.538	1153	1155	1161	rVB2	984720	1723190	35.03%	2.132%
93	15.995	1193	1195	1198	rVB	162333	242617	4.93%	0.300%
94	16.658	1251	1253	1261	rVB3	147167	374176	7.61%	0.463%
95	16.990	1278	1282	1287	rVB2	338964	757514	15.40%	0.937%
96	17.161	1294	1297	1299	rBV	86800	185759	3.78%	0.230%
97	17.321	1308	1311	1315	rVB	181861	390757	7.94%	0.484%
98	17.424	1316	1320	1327	rVB	265352	642117	13.05%	0.795%
99	17.561	1329	1332	1337	rVB6	63315	165952	3.37%	0.205%
100	18.578	1418	1421	1428	rVB4	77163	228154	4.64%	0.282%

Sum of corrected areas: 80807887

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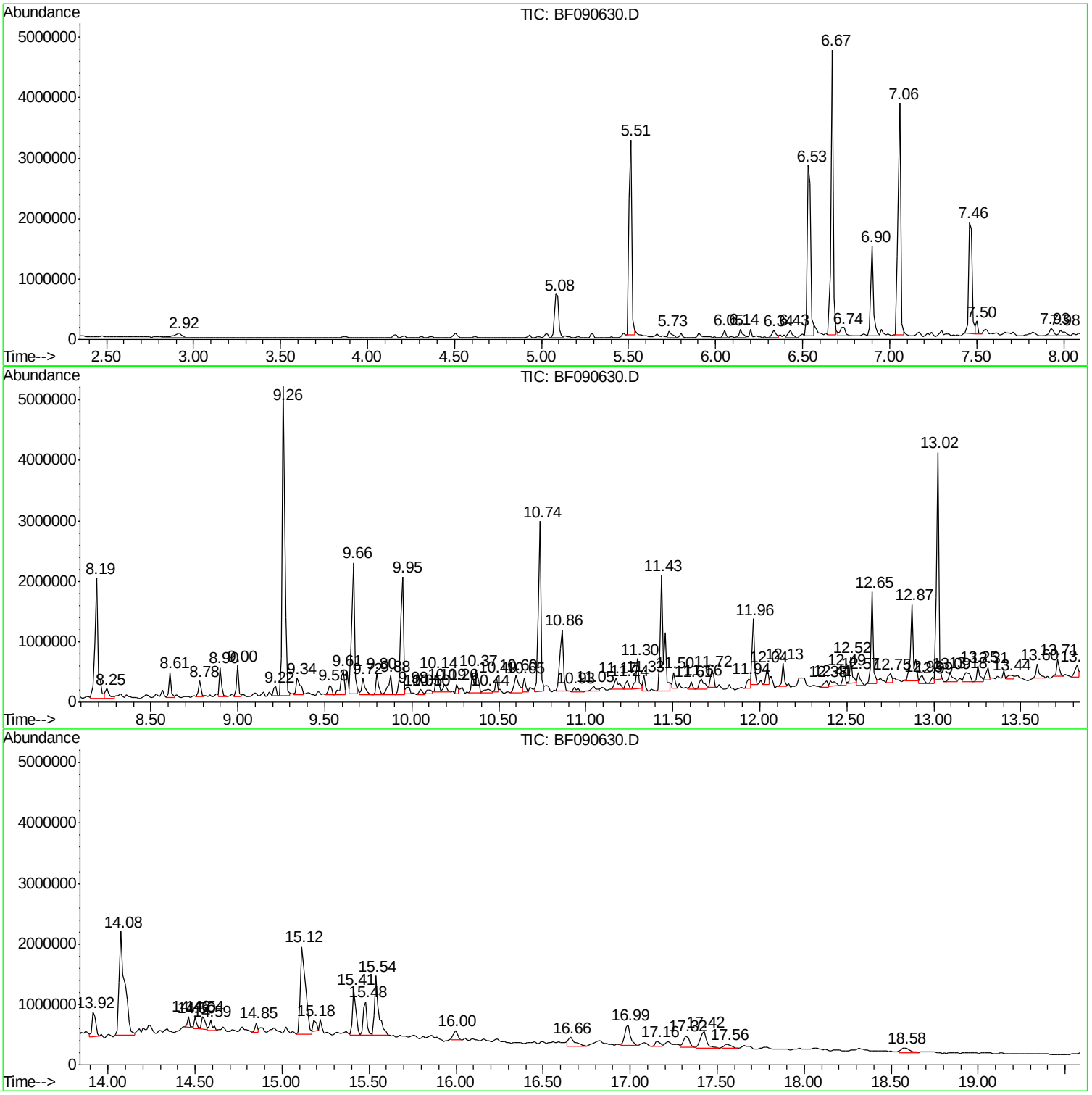
Instrument : BNA_F
ClientSampleId : SP-3-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.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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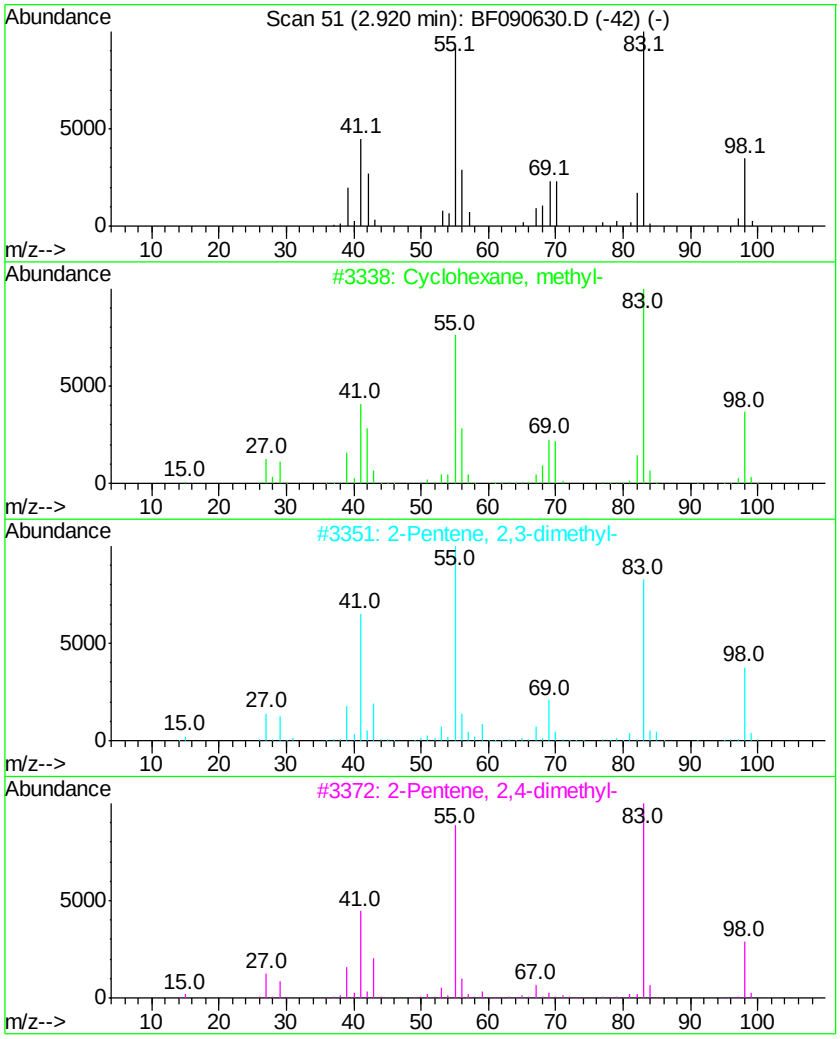
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

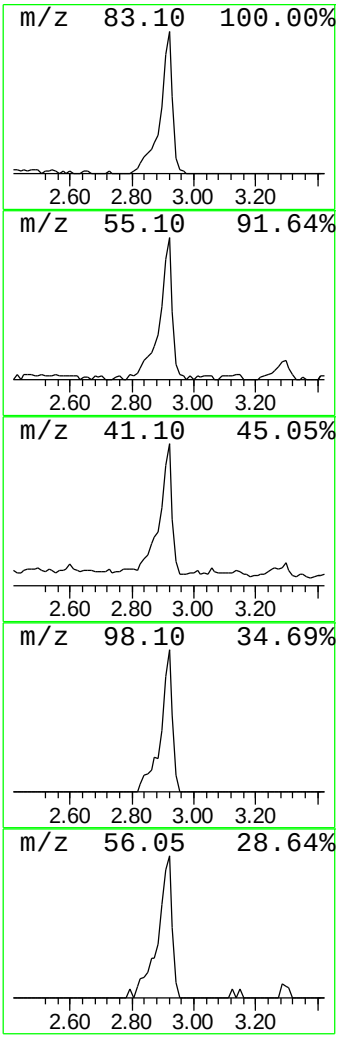
****

Peak Number 1 Cyclohexane, methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.92	3.23 ng	233194	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, methyl-	98	C7H14	000108-87-2	94
2	2-Pentene, 2,3-dimethyl-	98	C7H14	010574-37-5	53
3	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	52
4	2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	52
5	2-Pentene, 4,4-dimethyl-, (Z)-	98	C7H14	000762-63-0	52





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Acq On : 18 Oct 2016 16:18
Operator : UM/SJ
Sample : H5289-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-3-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

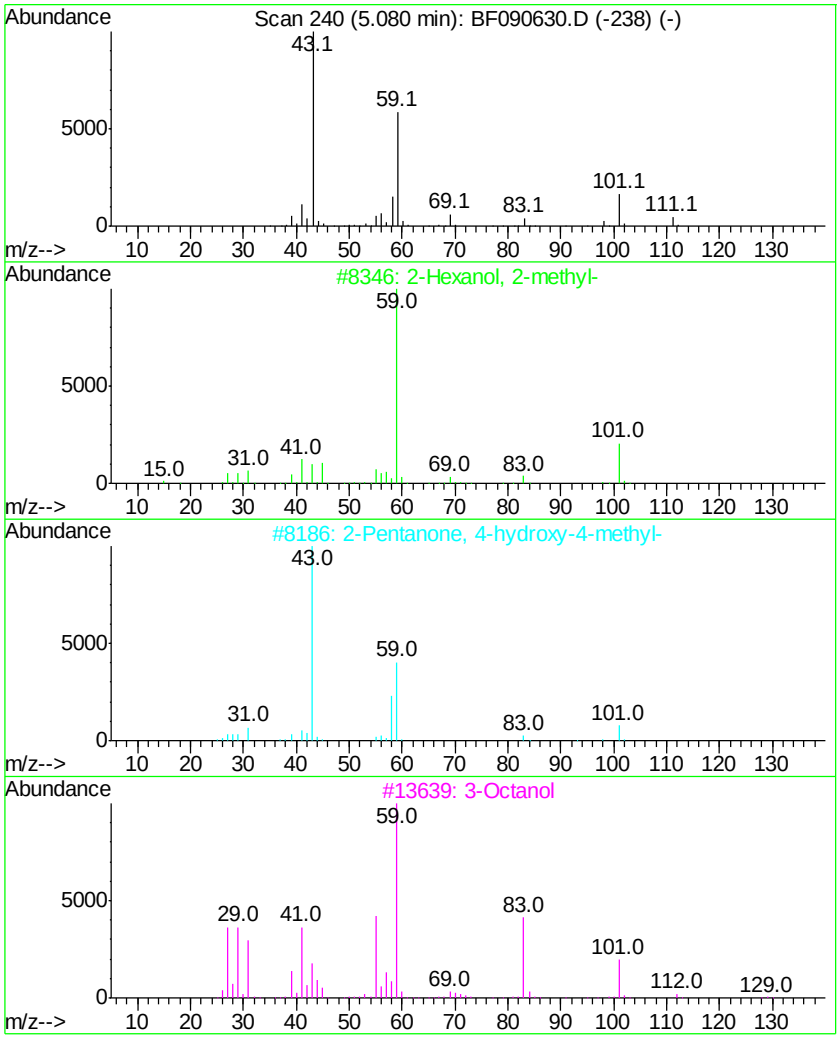
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

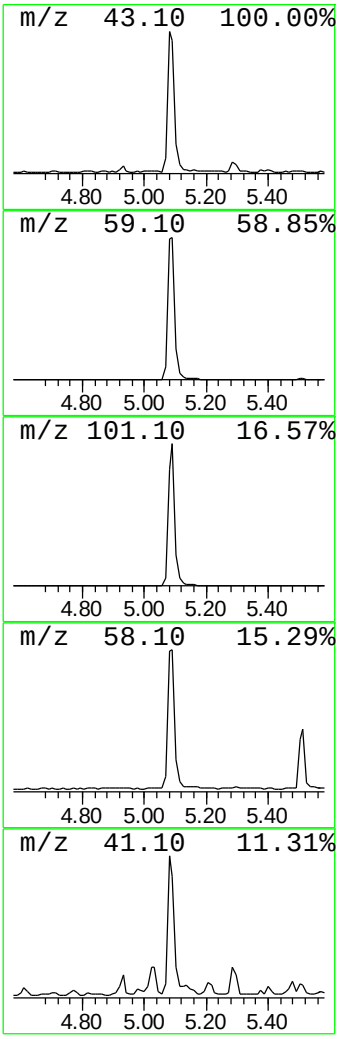
****

Peak Number 2 unknown5.08 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.08	16.12 ng	1163370	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	47
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
3	3-Octanol	130	C8H18O	000589-98-0	25
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	23
5	3-Pentanol, 2-methyl-	102	C6H14O	000565-67-3	23





Library Search Compound Report

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Sample : H5289-01
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Instrument :
BNA_F
ClientSampleId :
SP-3-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.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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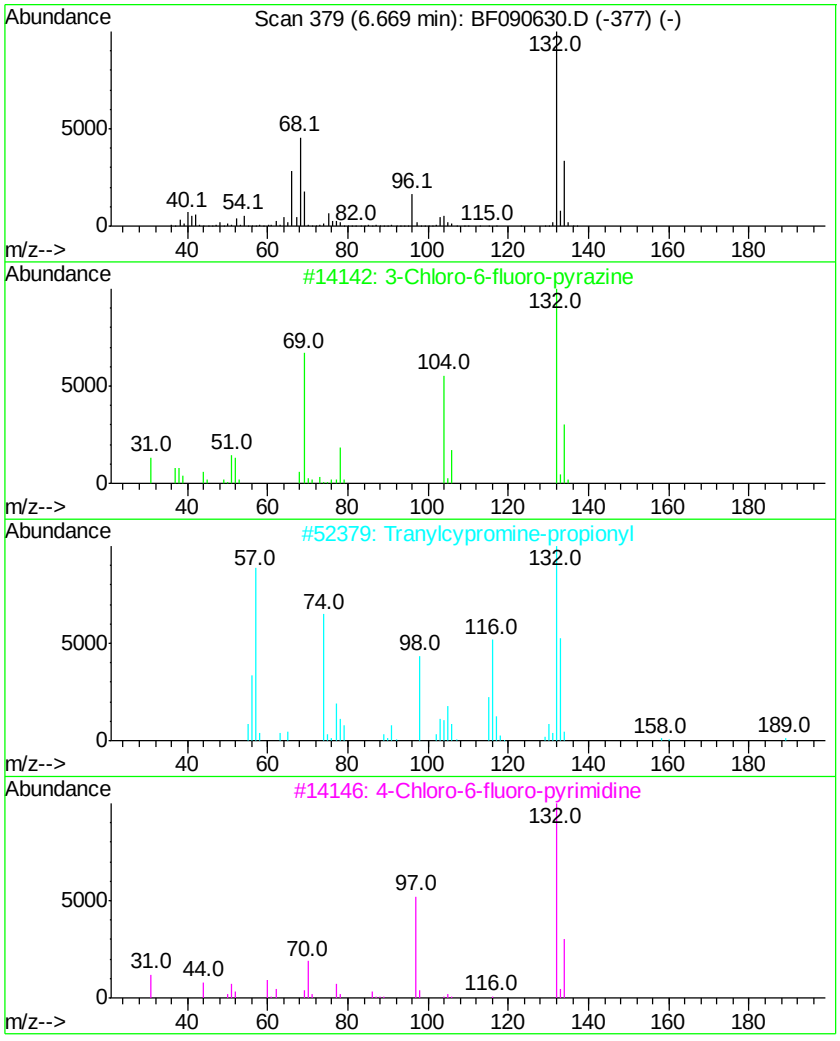
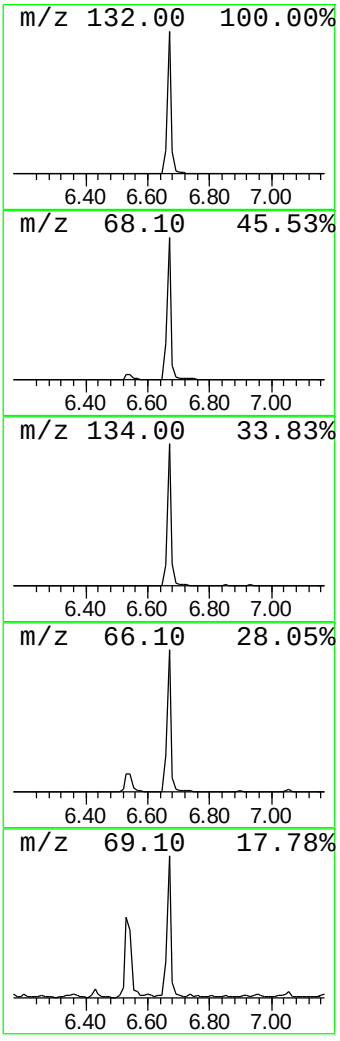
Peak Number 3 unknown6.67 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	60.45 ng	4362300	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	16
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
4	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





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Instrument : BNA_F
ClientSampleId : SP-3-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.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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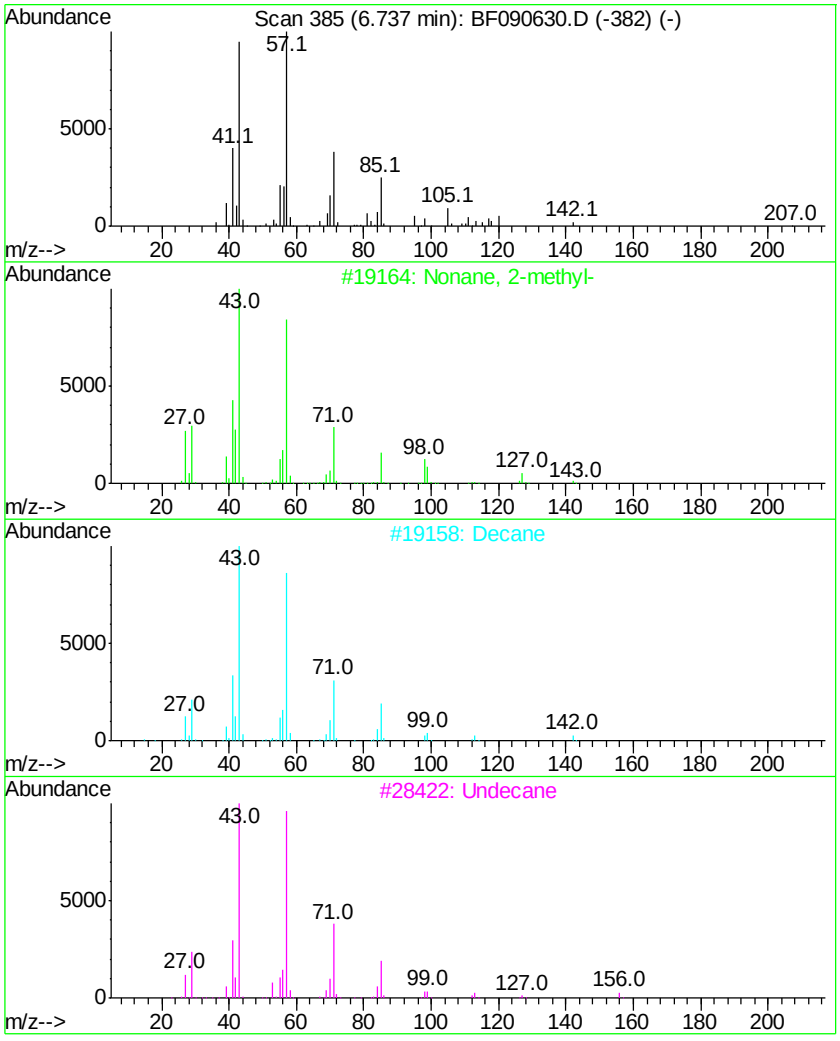
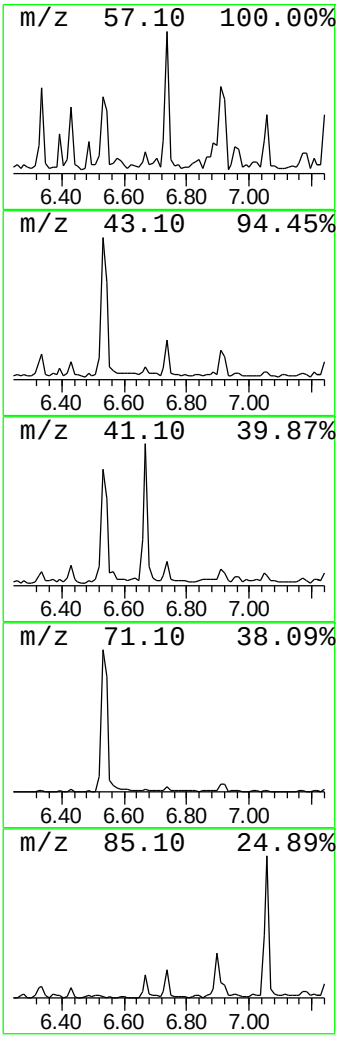
Peak Number 4 Nonane, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	3.41 ng	245925	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 2-methyl-	142	C10H22	000871-83-0	64
2	Decane	142	C10H22	000124-18-5	59
3	Undecane	156	C11H24	001120-21-4	59
4	Undecane, 3-methyl-	170	C12H26	001002-43-3	59
5	Tridecane	184	C13H28	000629-50-5	50





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Operator : UM/SJ
Sample : H5289-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-3-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

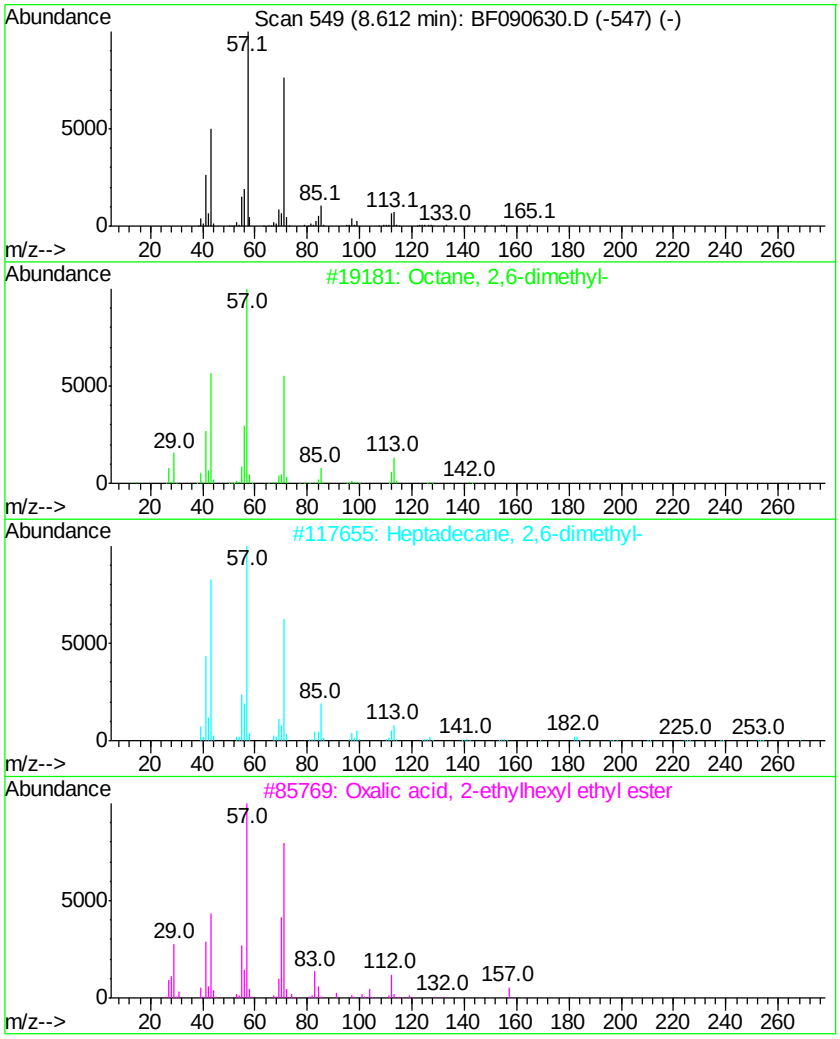
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

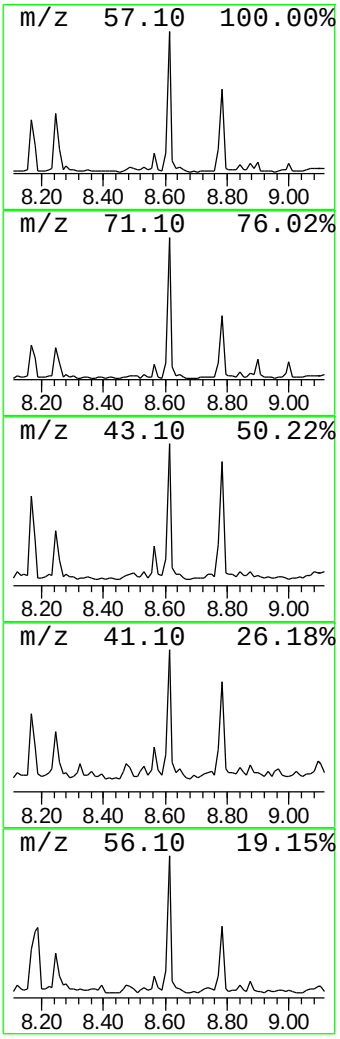
****

Peak Number 6 Octane, 2,6-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.61	3.10 ng	406783	Naphthalene-d8	8.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
2	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	72
3	Oxalic acid, 2-ethylhexyl ethyl ...	230	C12H22O4	1000309-38-4	72
4	Oxalic acid, bis(2-ethylhexyl) e...	314	C18H34O4	1000309-39-0	64
5	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	64





Library Search Compound Report

Data Path : U:\HPCHEM1\BNA F\DATA\BF101816\
Data File : BF090630.D
Acq On : 18 Oct 2016 16:18
Operator : UM/SJ
Sample : H5289-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-3-1

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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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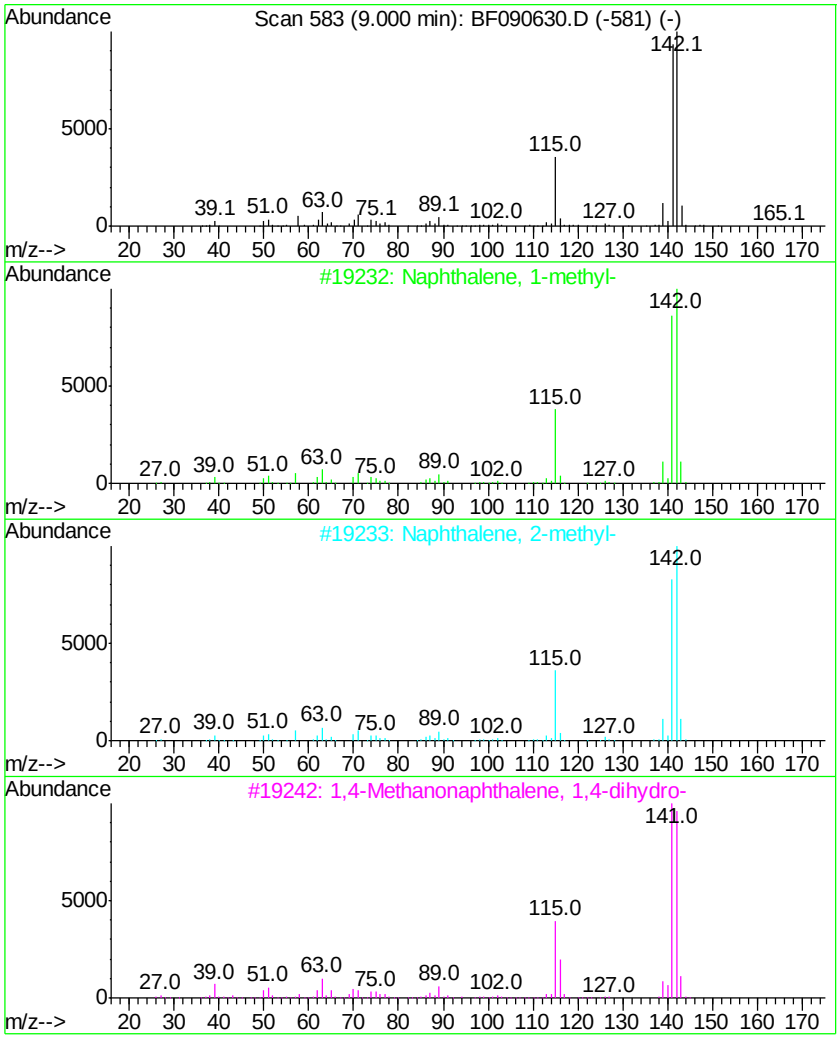
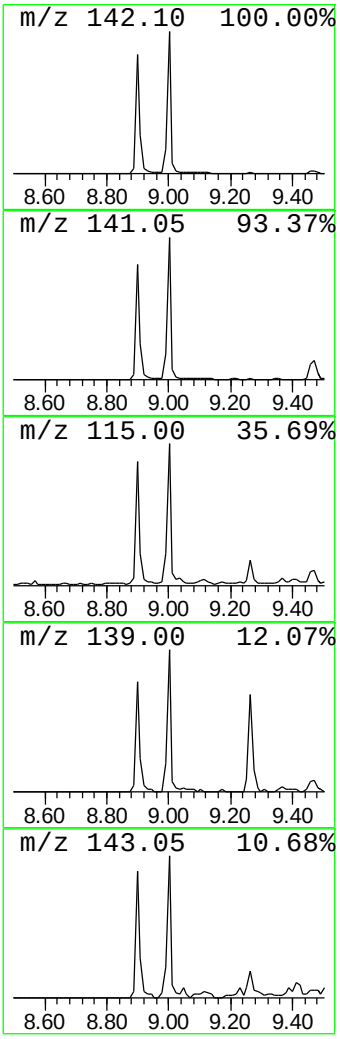
Peak Number 7 Naphthalene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.00	3.54 ng	465264	Naphthalene-d8	8.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
4	Benzocycloheptatriene	142	C11H10	000264-09-5	91
5	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	91





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Operator : UM/SJ
Sample : H5289-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-3-1

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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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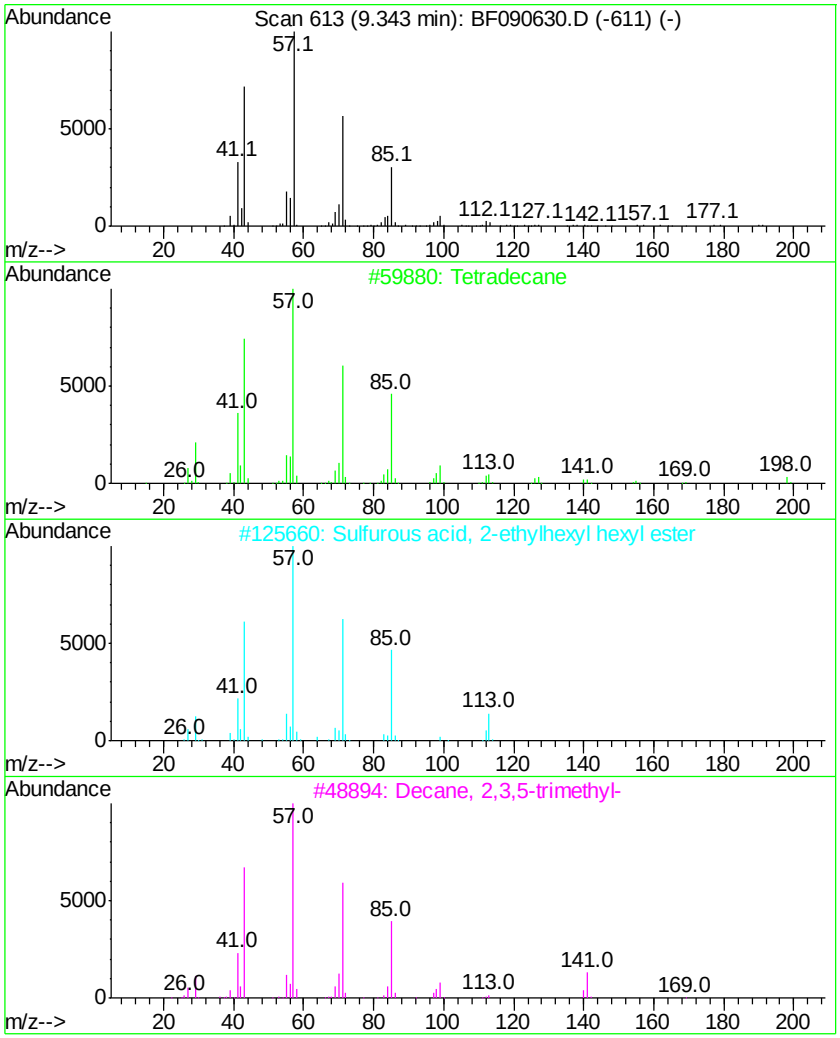
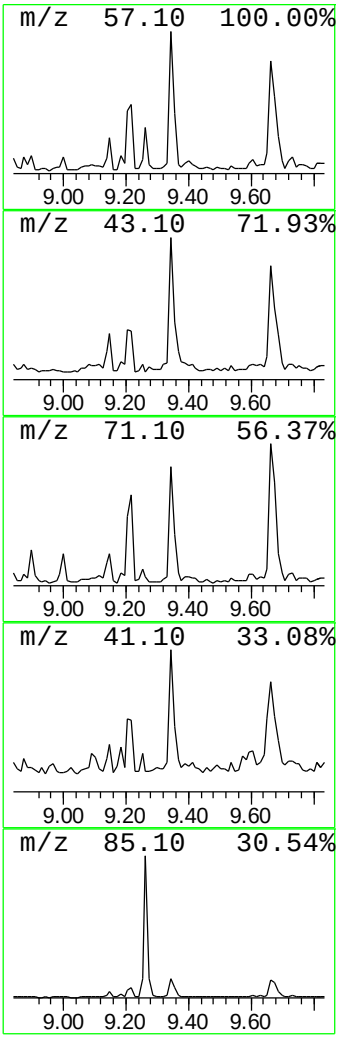
Peak Number 8 Tetradecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.34	3.24 ng	403931	Acenaphthene-d10	9.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	90
2	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	78
3	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	72
4	Bacchotricuneatin c	342	C20H22O5	066563-30-2	64
5	Sulfurous acid, di(2-ethylhexyl)...	306	C16H34O3S	1000309-19-1	59





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ClientSampleId : SP-3-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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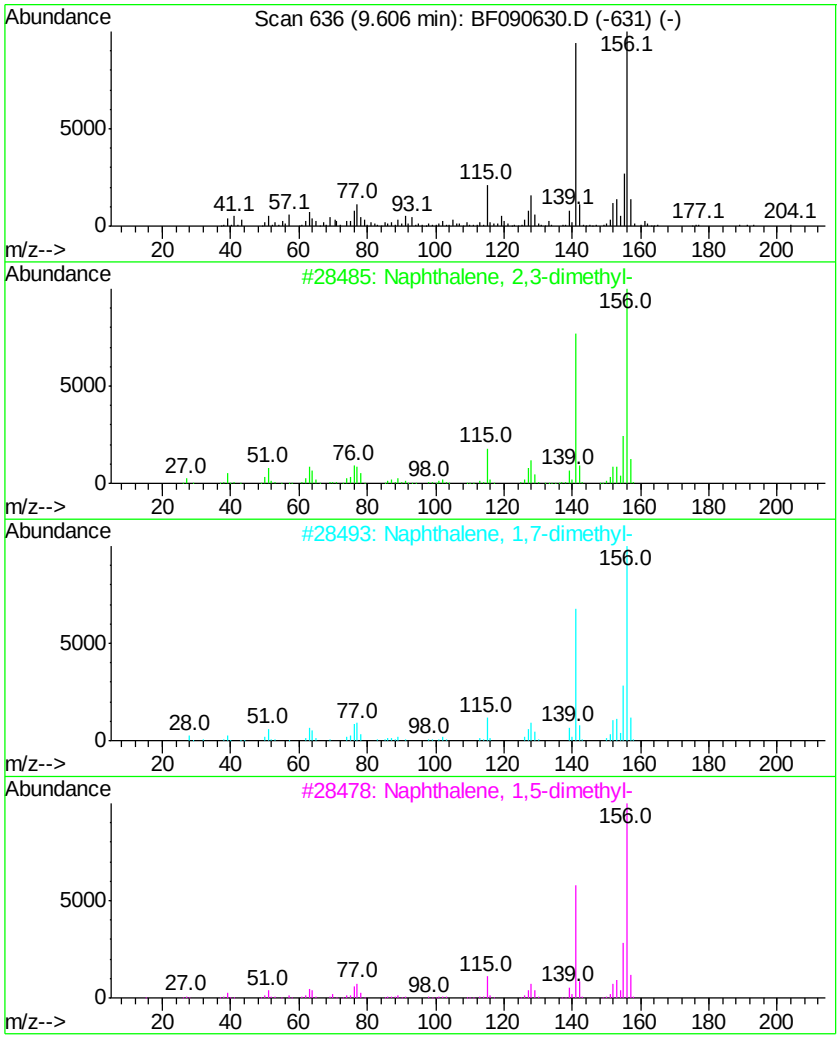
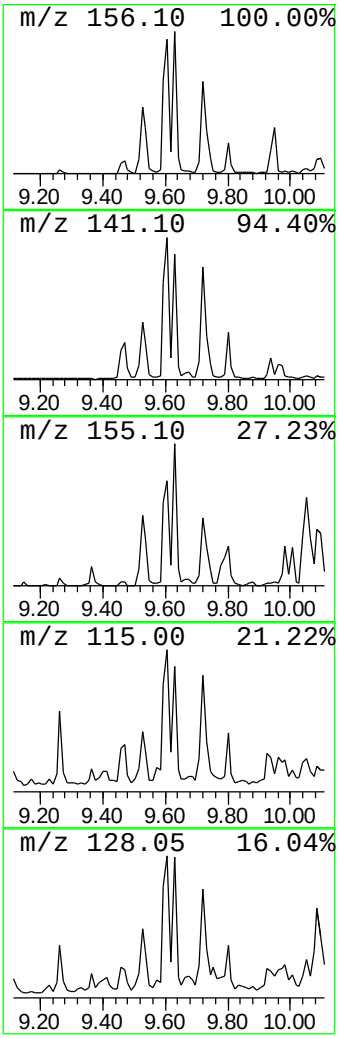
Peak Number 9 Naphthalene, 2,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.61	5.36 ng	667896	Acenaphthene-d10	9.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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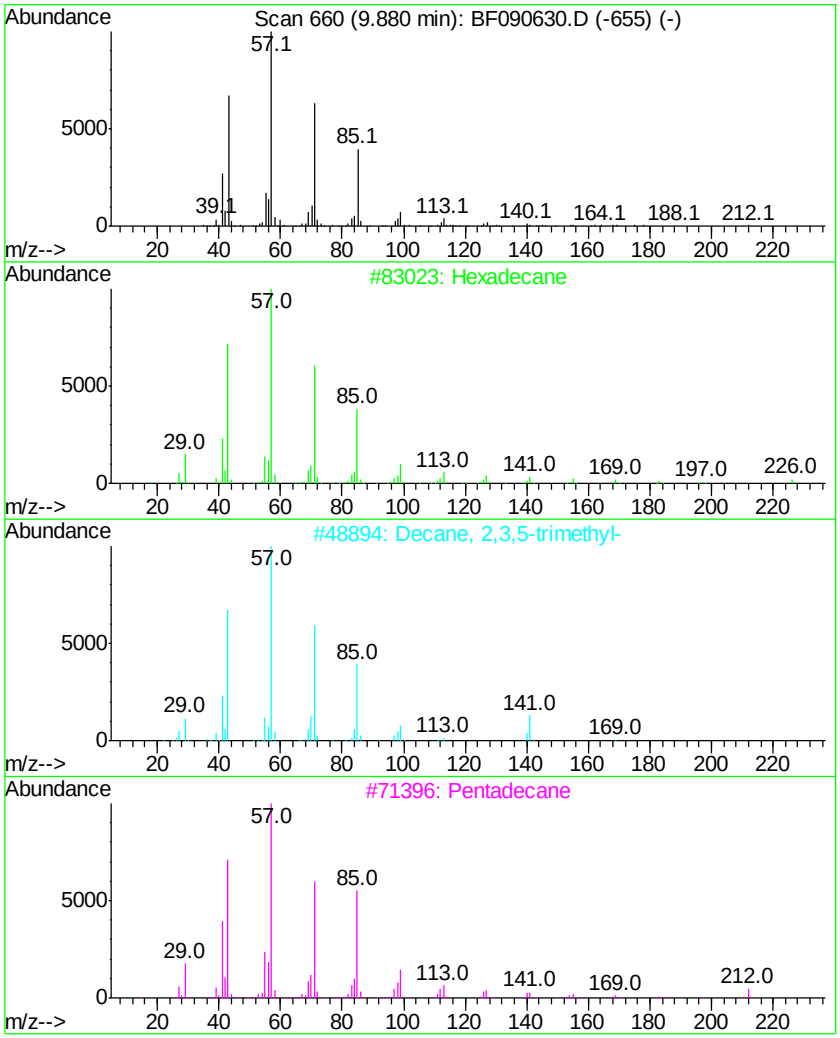
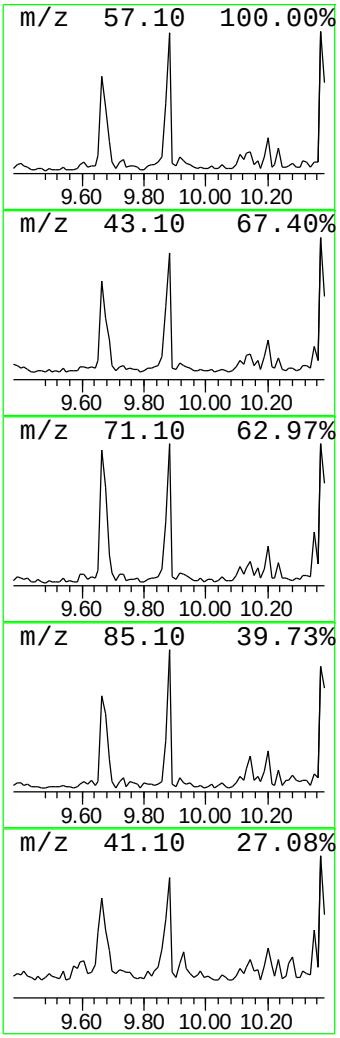
Peak Number 10 Hexadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.88	3.67 ng	457710	Acenaphthene-d10	9.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	86
2	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83
3	Pentadecane	212	C15H32	000629-62-9	72
4	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	72
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	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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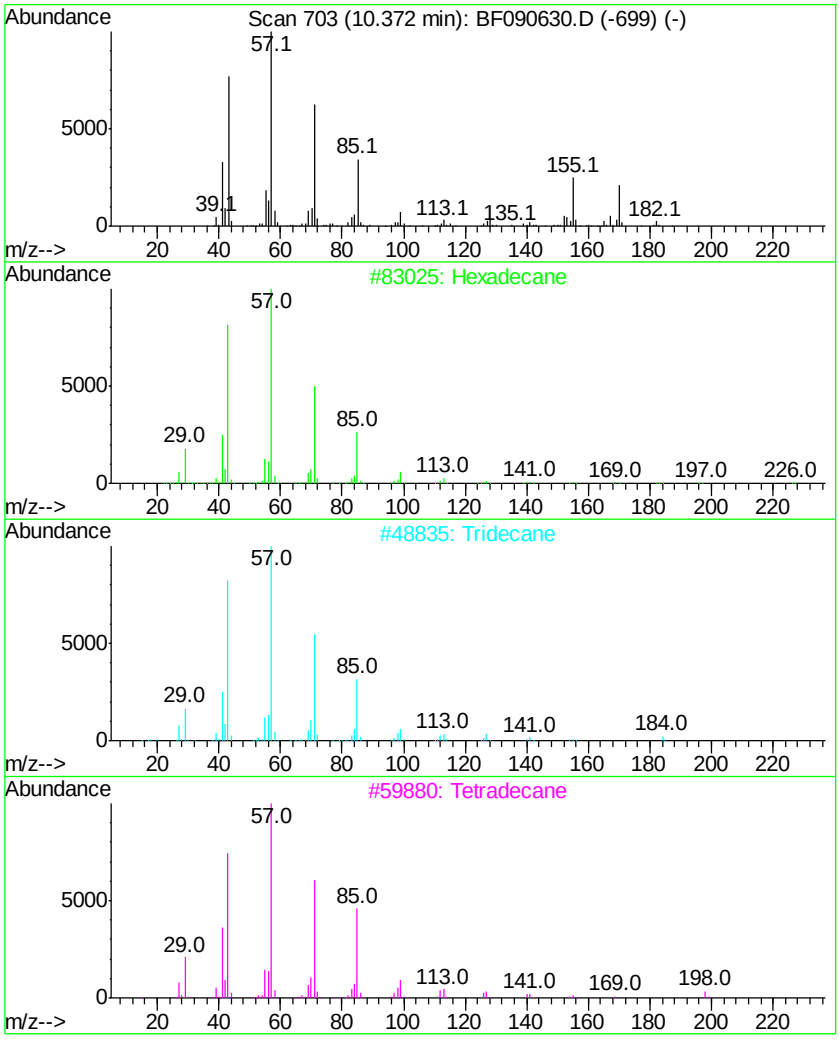
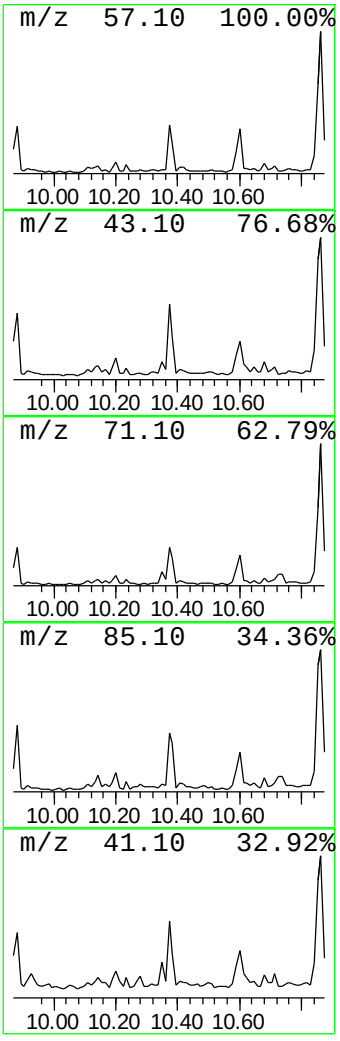
Peak Number 11 unknown10.37 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.37	5.80 ng	721873	Acenaphthene-d10	9.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	49
2	Tridecane	184	C13H28	000629-50-5	46
3	Tetradecane	198	C14H30	000629-59-4	43
4	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	43
5	Undecane	156	C11H24	001120-21-4	38





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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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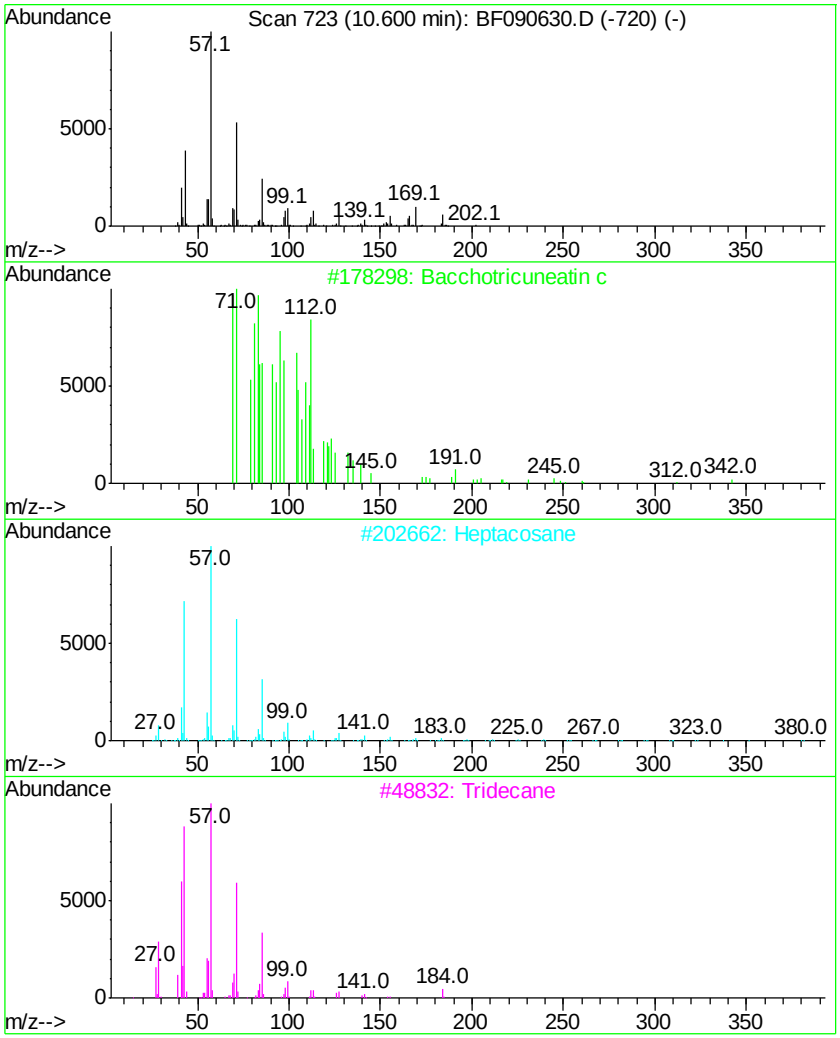
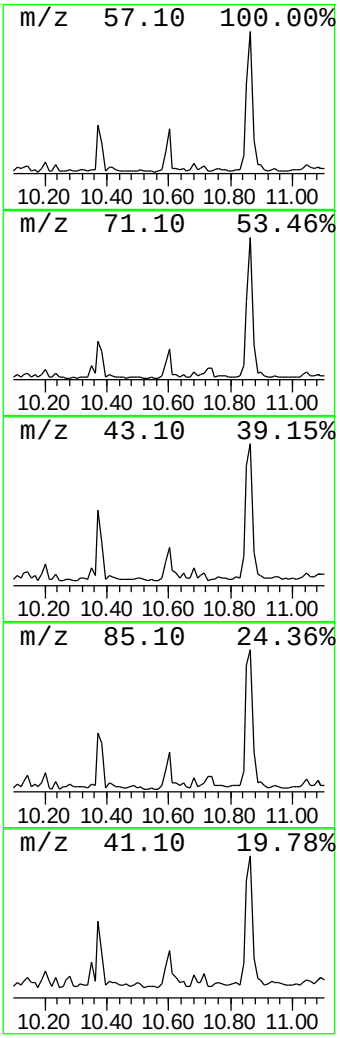
Peak Number 12 Bacchotricuneatin c Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.60	4.15 ng	517256	Acenaphthene-d10	9.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bacchotricuneatin c	342	C20H22O5	066563-30-2	96
2	Heptacosane	380	C27H56	000593-49-7	64
3	Tridecane	184	C13H28	000629-50-5	62
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	58
5	Decane, 2-methyl-	156	C11H24	006975-98-0	58





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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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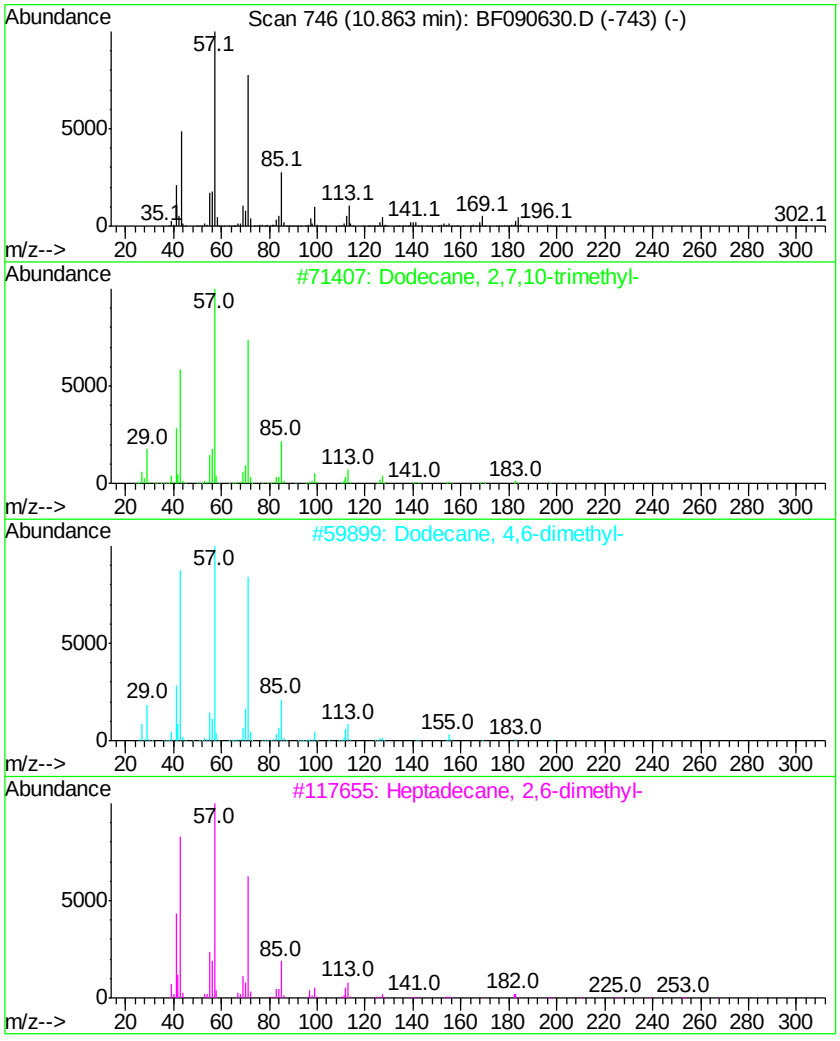
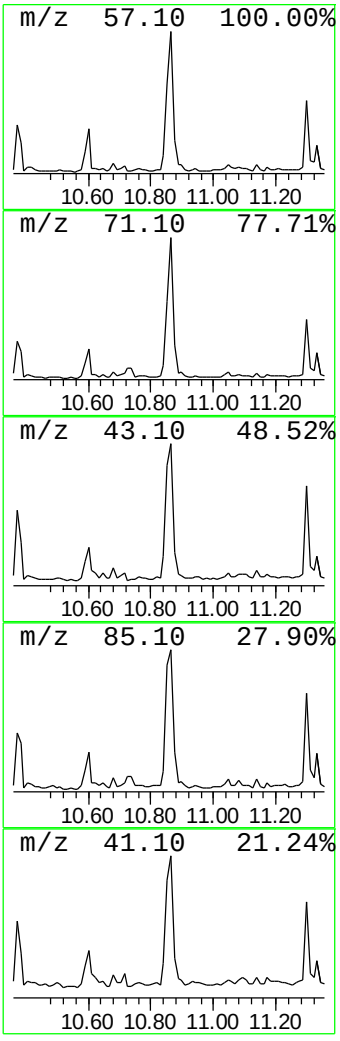
Peak Number 13 Dodecane, 2,7,10-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.86	9.66 ng	1400870	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
2	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	83
3	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	80
4	Tridecane, 5-propyl-	226	C16H34	055045-11-9	78
5	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	72





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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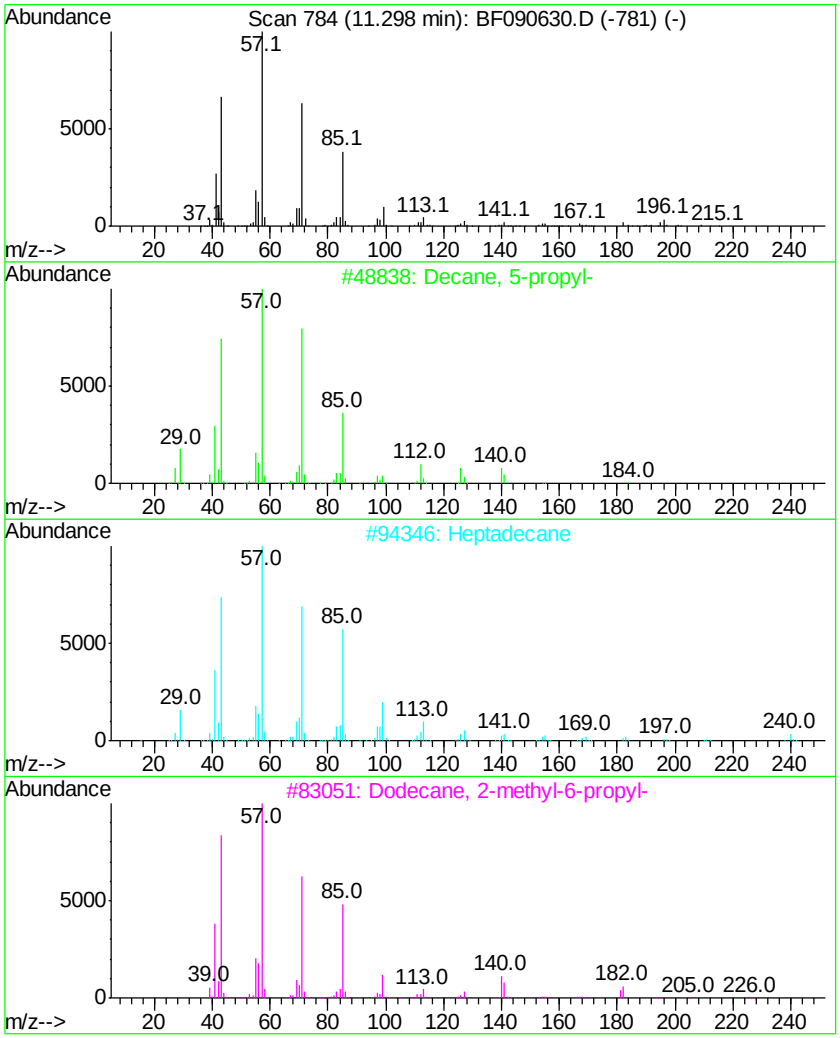
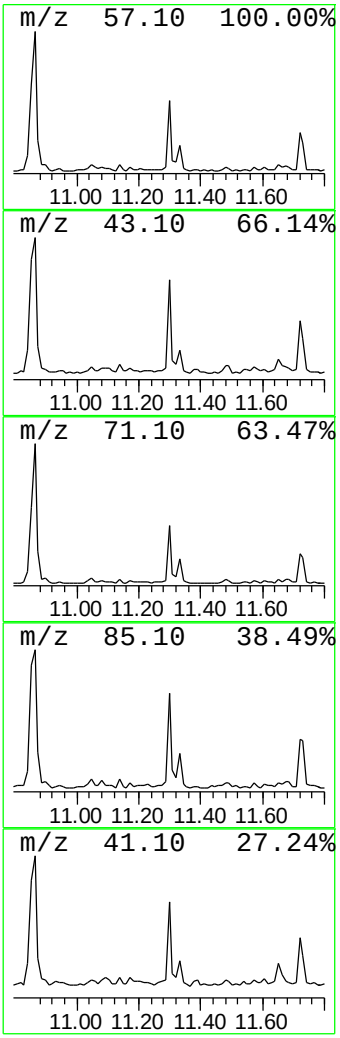
Peak Number 14 Decane, 5-propyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.30	3.91 ng	566658	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 5-propyl-	184	C13H28	017312-62-8	87
2	Heptadecane	240	C17H36	000629-78-7	83
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
4	Hexadecane	226	C16H34	000544-76-3	72
5	Dodecane, 4-methyl-	184	C13H28	006117-97-1	68





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

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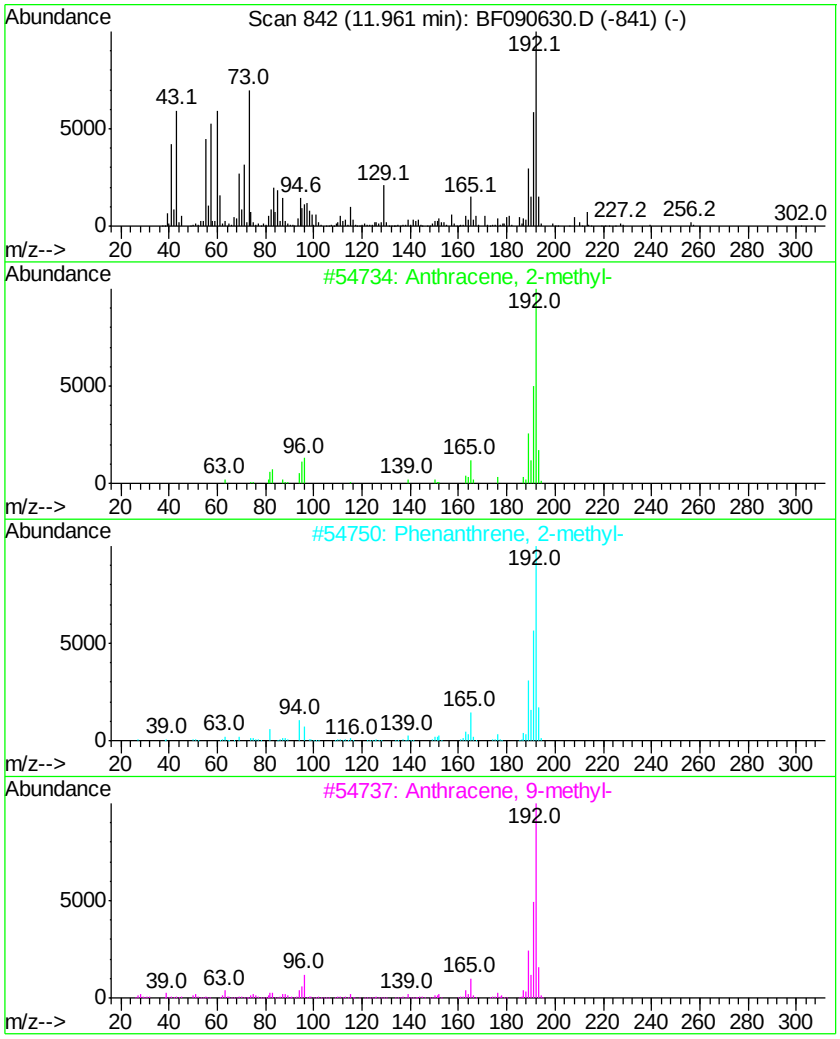
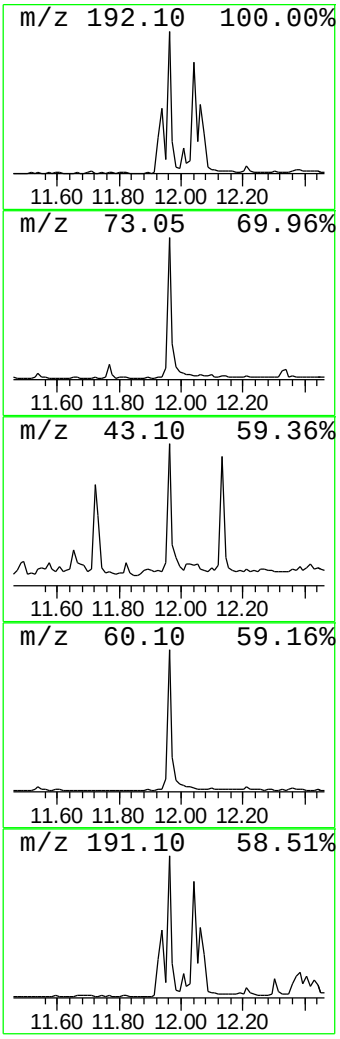
Peak Number 15 Anthracene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	5.97 ng	866652	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	92





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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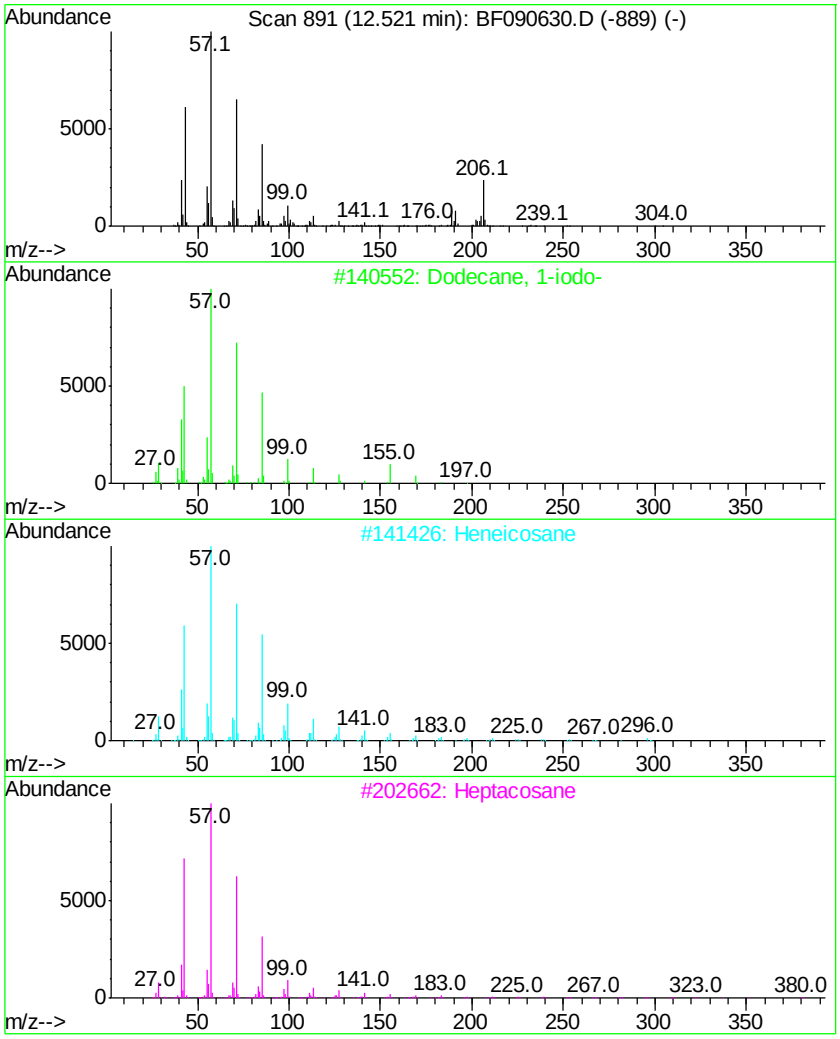
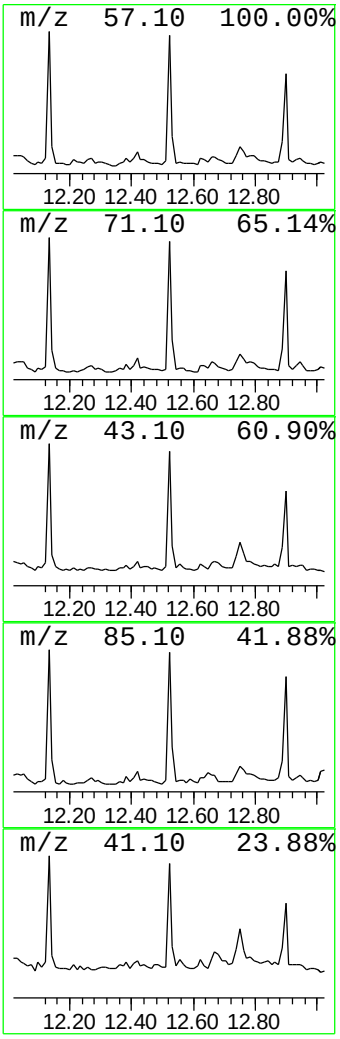
Peak Number 16 Dodecane, 1-iodo- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	3.24 ng	469786	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	58
2	Heneicosane	296	C21H44	000629-94-7	58
3	Heptacosane	380	C27H56	000593-49-7	58
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	53
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	53





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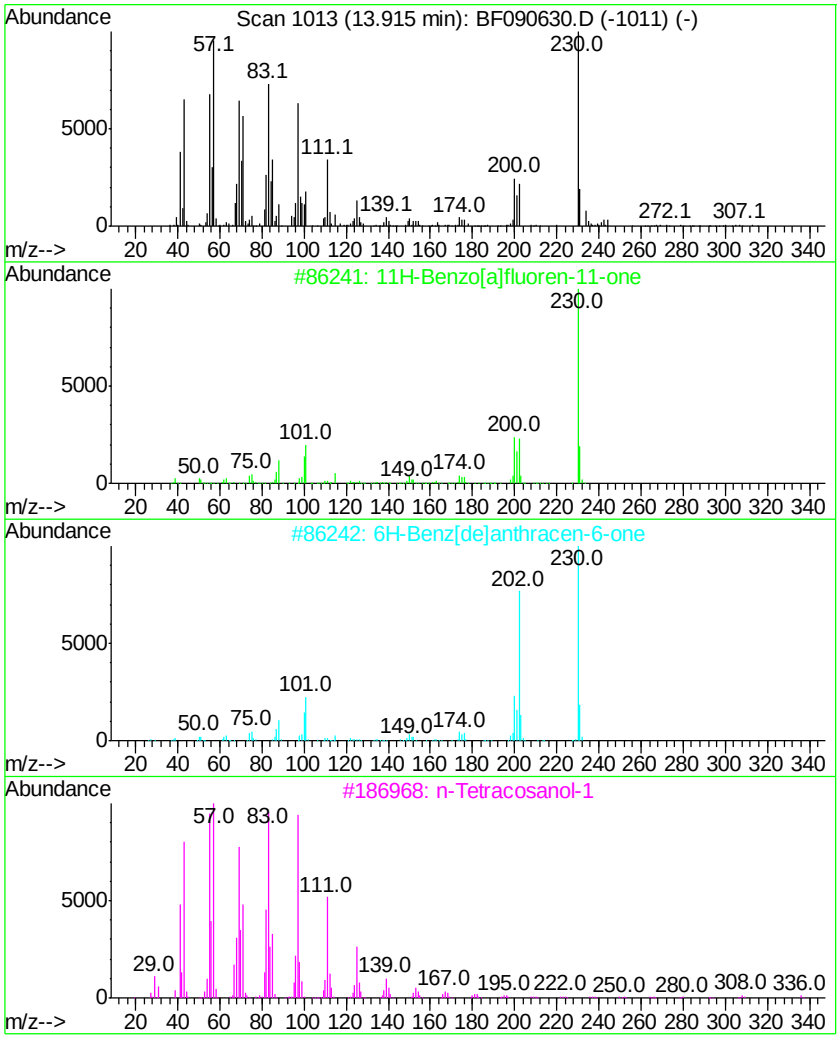
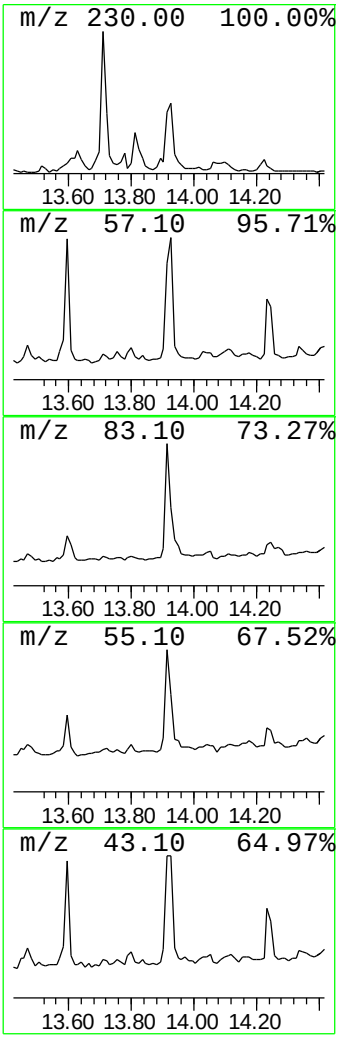
Peak Number 17 11H-Benzo[a]fluoren-11-one Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.92	3.07 ng	579634	Chrysene-d12	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	72
2	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	55
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	55
4	1-Heneicosanol	312	C21H44O	015594-90-8	55
5	n-Heptadecanol-1	256	C17H36O	001454-85-9	55





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ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-3-1

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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 19 .beta.-iso-Methyl ionone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.66	4.34 ng	374176	Perylene-d12	15.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	50
2	15-Isobutyl-(13.alpha.H)-isocopa...	332	C24H44	087953-47-7	43
3	1-Cyclohexene, 1,3,3-trimethyl-2...	206	C14H22O	1000197-08-4	27
4	2-Fluoro-6-trifluoromethylbenzam...	277	C13H15F4NO	1000358-11-1	27
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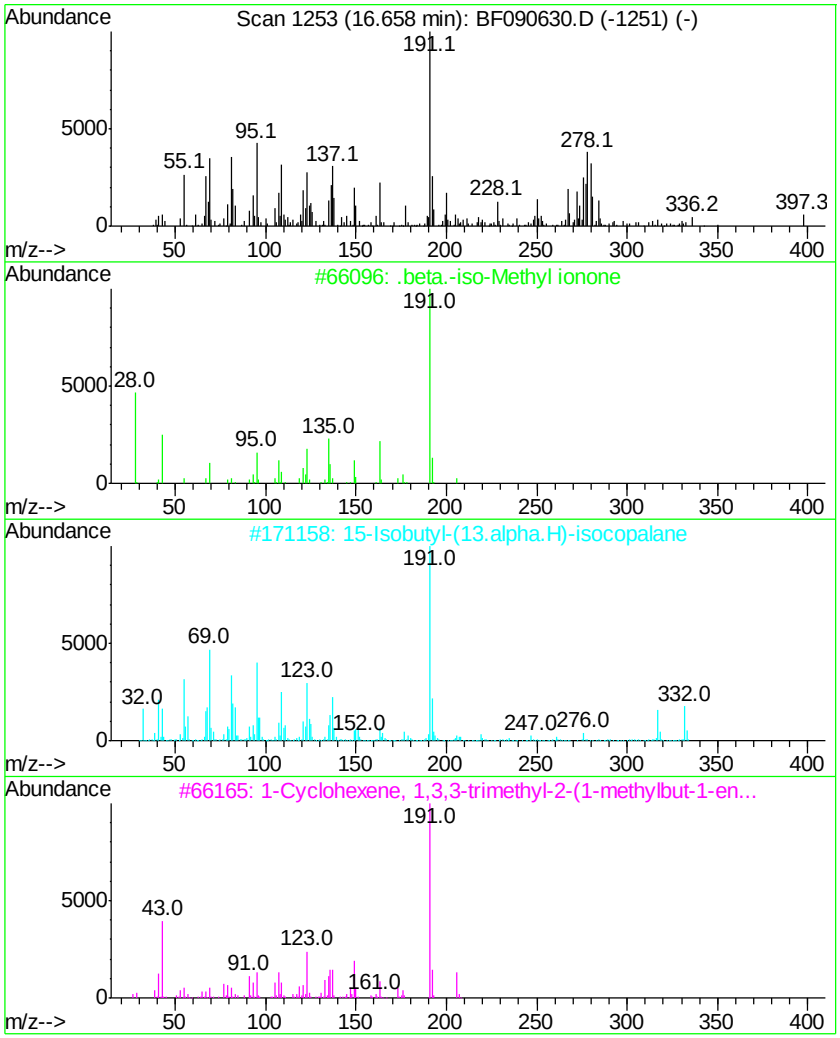
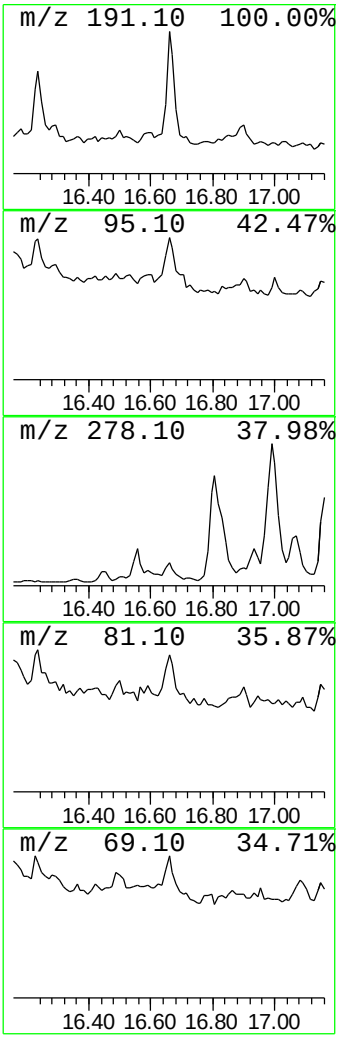




Data Path : U:\HPCHEM1\BNA F\DATA\BF101816\
Data File : BF090630.D
Acq On : 18 Oct 2016 16:18
Operator : UM/SJ
Sample : H5289-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-3-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

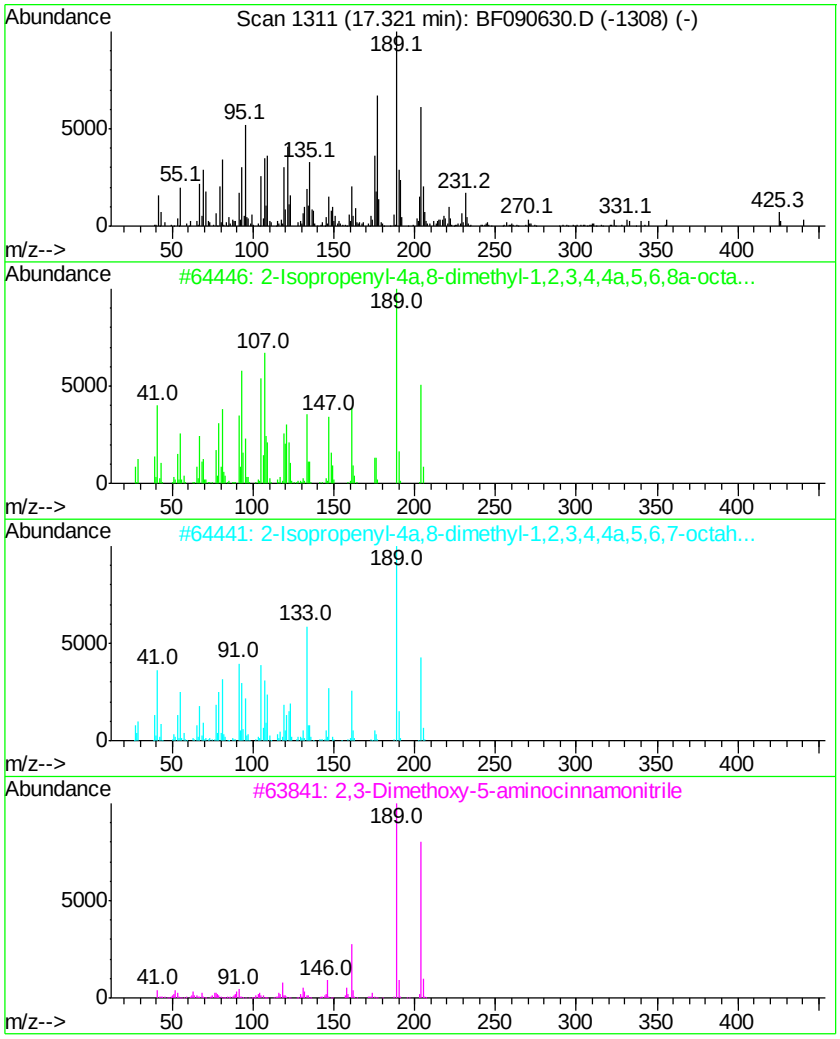
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

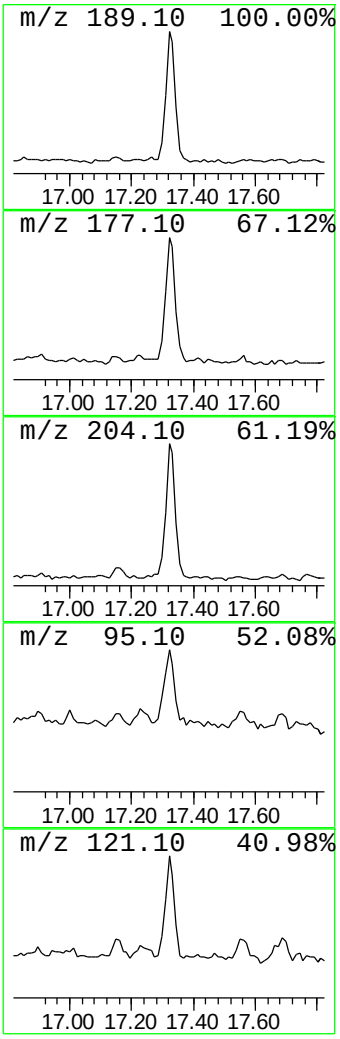
****

Peak Number 20 2-Isopropenyl-4a,8-dimethyl... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.32	4.54 ng	390757	Perylene-d12	15.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Isopropenyl-4a,8-dimethyl-1,2,...	204	C15H24	1000193-57-0	89
2	2-Isopropenyl-4a,8-dimethyl-1,2,...	204	C15H24	1000192-43-5	49
3	2,3-Dimethoxy-5-aminocinnamonitrile	204	C11H12N2O2	1000214-46-5	43
4	Naphthalene, 1,2,3,4,4a,5,6,8a-o...	204	C15H24	000473-13-2	41
5	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	38





Tentatively Identified Compound (LSC) summary

Data Path : U:\HPCHEM1\BNA_F\DATA\BF101816\
Data File : BF090630.D
Acq On : 18 Oct 2016 16:18
Operator : UM/SJ
Sample : H5289-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-3-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.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
Cyclohexane, methyl-	2.92	3.2	ng	233194	1	6.90	1443250	20.0
unknown5.08	5.08	16.1	ng	1163370	1	6.90	1443250	20.0
unknown6.67	6.67	60.5	ng	4362300	1	6.90	1443250	20.0
Nonane, 2-methyl-	6.74	3.4	ng	245925	1	6.90	1443250	20.0
Octane, 2,6-dimet...	8.61	3.1	ng	406783	2	8.19	2626560	20.0
Naphthalene, 1-me...	9.00	3.5	ng	465264	2	8.19	2626560	20.0
Tetradecane	9.34	3.2	ng	403931	3	9.95	2491010	20.0
Naphthalene, 2,3-...	9.61	5.4	ng	667896	3	9.95	2491010	20.0
Hexadecane	9.88	3.7	ng	457710	3	9.95	2491010	20.0
unknown10.37	10.37	5.8	ng	721873	3	9.95	2491010	20.0
Bacchotricuneatin c	10.60	4.2	ng	517256	3	9.95	2491010	20.0
Dodecane, 2,7,10-...	10.86	9.7	ng	1400870	4	11.43	2901690	20.0
Decane, 5-propyl-	11.30	3.9	ng	566658	4	11.43	2901690	20.0
Anthracene, 2-met...	11.96	6.0	ng	866652	4	11.43	2901690	20.0
Dodecane, 1-iodo-	12.52	3.2	ng	469786	4	11.43	2901690	20.0
11H-Benzo[a]fluor...	13.92	3.1	ng	579634	5	14.07	3778770	20.0
.beta.-iso-Methyl...	16.66	4.3	ng	374176	6	15.54	1723190	20.0
2-Isopropenyl-4a,...	17.32	4.5	ng	390757	6	15.54	1723190	20.0