LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121616\
Data File : BF091690.D
Acq On : 16 Dec 2016 23:17
Operator : UM/SJ
Sample : H5977-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-4

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-BF120916.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	4.944	247	250	252	rBV	928356	1470142	7.64%	0.381%
2	5.378	286	288	290	rVB	3229346	3299915	17.14%	0.855%
3	6.019	342	344	347	rVB	791276	857481	4.46%	0.222%
4	6.213	358	361	363	rBV	346997	492880	2.56%	0.128%
5	6.281	363	367	368	rVV2	609100	907158	4.71%	0.235%
6	6.304	368	369	373	rVB	692163	1011910	5.26%	0.262%
7	6.373	373	375	376	rBV	617383	655653	3.41%	0.170%
8	6.419	376	379	381	rVV	3360150	3690917	19.18%	0.956%
9	6.544	385	390	394	rBV	3673934	4542300	23.60%	1.176%
10	6.624	394	397	399	rBV2	622616	895974	4.66%	0.232%
11	6.773	408	410	411	rBV	1153760	956458	4.97%	0.248%
12	6.807	411	413	414	rVB	1455985	1961766	10.19%	0.508%
13	6.841	414	416	418	rBV	600106	822466	4.27%	0.213%
14	6.933	418	424	428	rVB2	4061411	6069413	31.53%	1.572%
15	7.070	428	436	437	rBV3	1497618	3858156	20.05%	0.999%
16	7.093	437	438	440	rBV2	1023901	1269488	6.60%	0.329%
17	7.127	440	441	443	rVB	1644559	1640687	8.52%	0.425%
18	7.173	443	445	447	rBV	1893419	2396341	12.45%	0.621%
19	7.264	451	453	455	rBV3	222431	575811	2.99%	0.149%
20	7.322	455	458	465	rVB4	2924655	8410841	43.70%	2.178%
21	7.436	465	468	470	rBV2	1400285	2424308	12.60%	0.628%
22	7.504	470	474	476	rBV2	1480185	2931547	15.23%	0.759%
23	7.562	476	479	480	rBV2	1305388	2586447	13.44%	0.670%
24	7.584	480	481	484	rVB	1620098	2149346	11.17%	0.557%
25	7.630	484	485	486	rBV	563880	471740	2.45%	0.122%
26	7.710	487	492	494	rBV4	1755313	5572875	28.95%	1.443%
27	7.756	494	496	498	rVB2	1586883	2689882	13.98%	0.697%
28	7.813	498	501	502	rBV2	2966084	4821170	25.05%	1.249%
29	7.836	502	503	505	rVB2	923168	965575	5.02%	0.250%
30	7.882	505	507	508	rBV	1487999	2134249	11.09%	0.553%
31	7.939	511	512	515	rBV2	1003768	2254704	11.71%	0.584%
32	8.064	517	523	524	rBV2	4848798	9888198	51.37%	2.561%
33	8.099	524	526	527	rBV2	272966	391371	2.03%	0.101%
34	8.122	527	528	529	rBV	1475784	1063327	5.52%	0.275%

LSC Area Percent Report

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Acq On : 16 Dec 2016 23:17
Operator : UM/SJ
Sample : H5977-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-4

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-BF120916.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.144	529	530	534	rVB2	3742003	4662587	24.22%	1.208%
36	8.270	536	541	543	rBV4	2896062	7314038	38.00%	1.894%
37	8.316	543	545	546	rBV2	1067131	1317980	6.85%	0.341%
38	8.373	546	550	551	rBV4	3960881	7094942	36.86%	1.838%
39	8.430	554	555	556	rBV	2376894	1723364	8.95%	0.446%
40	8.464	556	558	559	rVB	3209776	3216980	16.71%	0.833%
41	8.510	559	562	564	rBV2	6483477	9305585	48.35%	2.410%
42	8.579	566	568	570	rBV2	3905681	5045113	26.21%	1.307%
43	8.624	570	572	574	rBV2	1731121	3167647	16.46%	0.820%
44	8.682	574	577	578	rBV2	1367273	2507049	13.03%	0.649%
45	8.739	580	582	583	rVB	2975918	3119230	16.21%	0.808%
46	8.773	583	585	588	rVB2	4589369	8130679	42.24%	2.106%
47	8.830	588	590	591	rBV2	1230286	1539661	8.00%	0.399%
48	8.887	592	595	600	rVB5	4414438	11541127	59.96%	2.989%
49	8.990	600	604	605	rBV4	2976453	6015432	31.25%	1.558%
50	9.116	612	615	616	rBV3	7100079	9218183	47.89%	2.387%
51	9.150	616	618	619	rVV	3148954	2848809	14.80%	0.738%
52	9.242	623	626	629	rBV4	3162010	8323918	43.25%	2.156%
53	9.310	629	632	633	rBV2	2663587	3964201	20.60%	1.027%
54	9.425	639	642	644	rBV2	4997991	9284146	48.24%	2.405%
55	9.505	644	649	652	rBV3	6496944	19247275	100.00%	4.985%
56	9.573	652	655	656	rVV2	6804063	11627151	60.41%	3.011%
57	9.619	656	659	661	rVB3	3416479	6232445	32.38%	1.614%
58	9.745	669	670	672	rVB2	2187059	1662000	8.63%	0.430%
59	9.813	674	676	679	rBV3	3453742	6088092	31.63%	1.577%
60	9.939	685	687	689	rVB	3778693	5542400	28.80%	1.435%
61	9.985	689	691	693	rBV2	1350705	2077849	10.80%	0.538%
62	10.042	693	696	698	rVV	5097227	7902682	41.06%	2.047%
63	10.076	698	699	704	rVB3	3229061	8119580	42.19%	2.103%
64	10.156	704	706	709	rBV2	4106076	8416155	43.73%	2.180%
65	10.248	712	714	717	rVB3	2624811	5277363	27.42%	1.367%
66	10.373	723	725	726	rBV2	3026939	3334140	17.32%	0.864%
67	10.408	726	728	729	rVV2	2590822	4530199	23.54%	1.173%
68	10.442	729	731	732	rVV2	2977769	4393387	22.83%	1.138%
69	10.499	734	736	738	rVV	7342649	10073086	52.34%	2.609%
70	10.533	738	739	742	rVB3	2333470	3353083	17.42%	0.868%
71	10.659	748	750	753	rVB3	1961505	3097523	16.09%	0.802%

LSC Area Percent Report

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Acq On : 16 Dec 2016 23:17
Operator : UM/SJ
Sample : H5977-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-4

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-BF120916.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	10.773	756	760	762	rVV2	6479209	12705889	66.01%	3.291%
73	10.819	762	764	767	rVV2	1377841	1664790	8.65%	0.431%
74	10.956	775	776	779	rVB3	2150471	3036572	15.78%	0.786%
75	11.230	797	800	802	rVB2	5519536	9099407	47.28%	2.357%
76	11.333	805	809	811	rBV2	2657040	4604151	23.92%	1.192%
77	11.562	827	829	833	rVB3	2115315	4125967	21.44%	1.069%
78	11.642	834	836	842	rVB3	1723178	4141654	21.52%	1.073%
79	11.813	849	851	852	rBV	1907218	1998262	10.38%	0.518%
80	11.836	852	853	855	rVB	2149831	2831246	14.71%	0.733%
81	11.882	855	857	858	rBV	690258	758451	3.94%	0.196%
82	11.928	858	861	865	rVB3	2216591	6094112	31.66%	1.578%
83	12.042	870	871	873	rVB2	1089604	1039898	5.40%	0.269%
84	12.179	881	883	886	rVB4	861883	1251159	6.50%	0.324%
85	12.248	887	889	891	rVV2	1365472	2234311	11.61%	0.579%
86	12.293	891	893	896	rVV2	1809873	3652257	18.98%	0.946%
87	12.362	896	899	900	rVV	2753510	3441469	17.88%	0.891%
88	12.396	900	902	905	rVV2	1200310	2197242	11.42%	0.569%
89	12.442	905	906	908	rVV	1187735	1077326	5.60%	0.279%
90	12.511	910	912	917	rVB5	854614	1215738	6.32%	0.315%
91	12.739	930	932	933	rBV2	883526	767511	3.99%	0.199%
92	12.796	936	937	939	rBV	928317	1136632	5.91%	0.294%
93	12.888	943	945	947	rBV	3447764	3847243	19.99%	0.996%
94	13.162	967	969	975	rVB4	677863	1741774	9.05%	0.451%
95	13.322	982	983	985	rVB	372140	446678	2.32%	0.116%
96	13.665	1011	1013	1018	rVB4	240734	496301	2.58%	0.129%
97	13.779	1021	1023	1029	rVB	340529	581799	3.02%	0.151%
98	13.928	1033	1036	1037	rBV2	1352568	1581006	8.21%	0.409%
99	14.922	1121	1123	1128	rVB	203562	433976	2.25%	0.112%
100	15.322	1156	1158	1166	rVB	1099451	1457924	7.57%	0.378%

Sum of corrected areas: 386106322

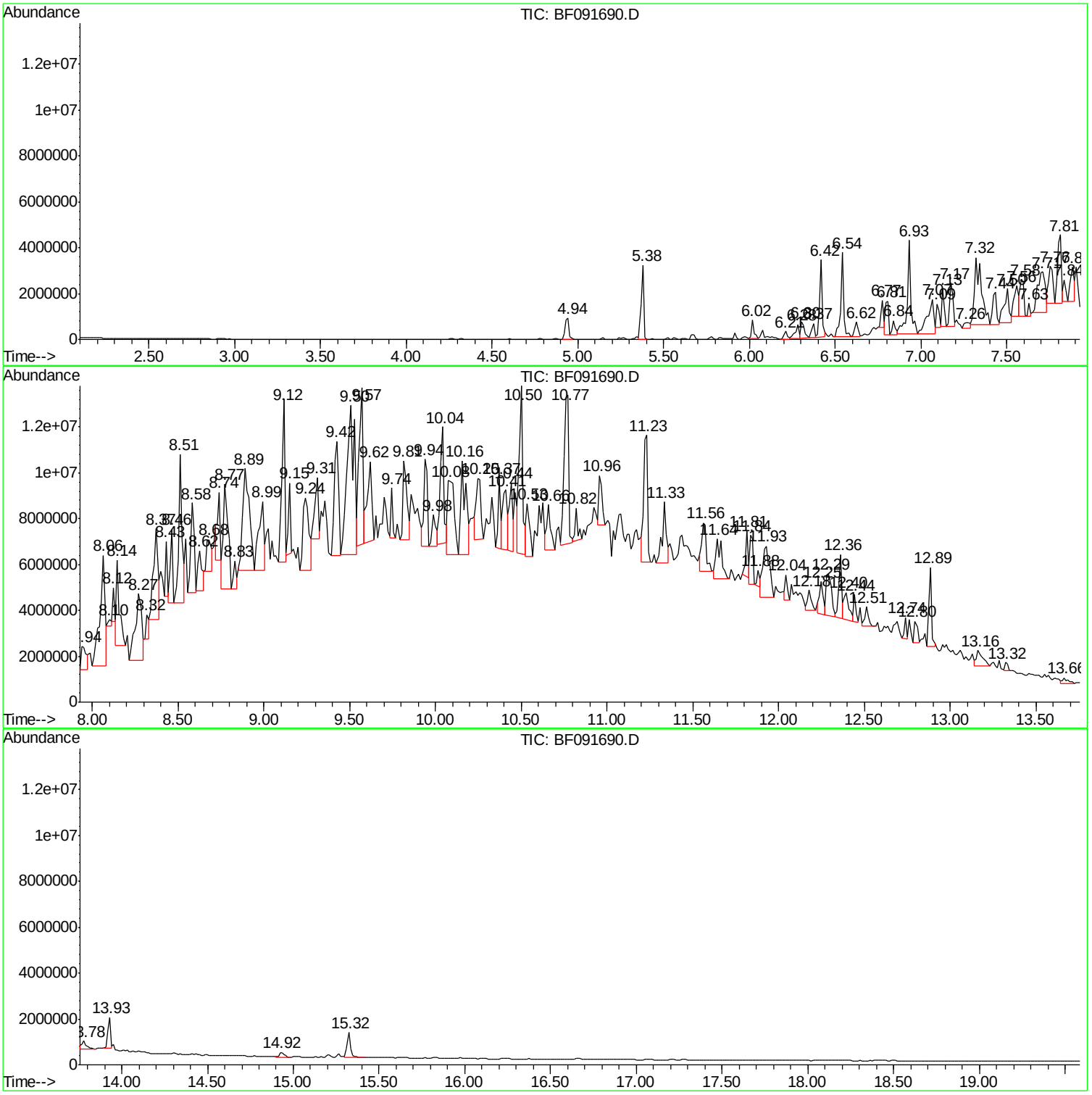
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121616\
Data File : BF091690.D
Acq On : 16 Dec 2016 23:17
Operator : UM/SJ
Sample : H5977-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121616\
Data File : BF091690.D
Acq On : 16 Dec 2016 23:17
Operator : UM/SJ
Sample : H5977-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

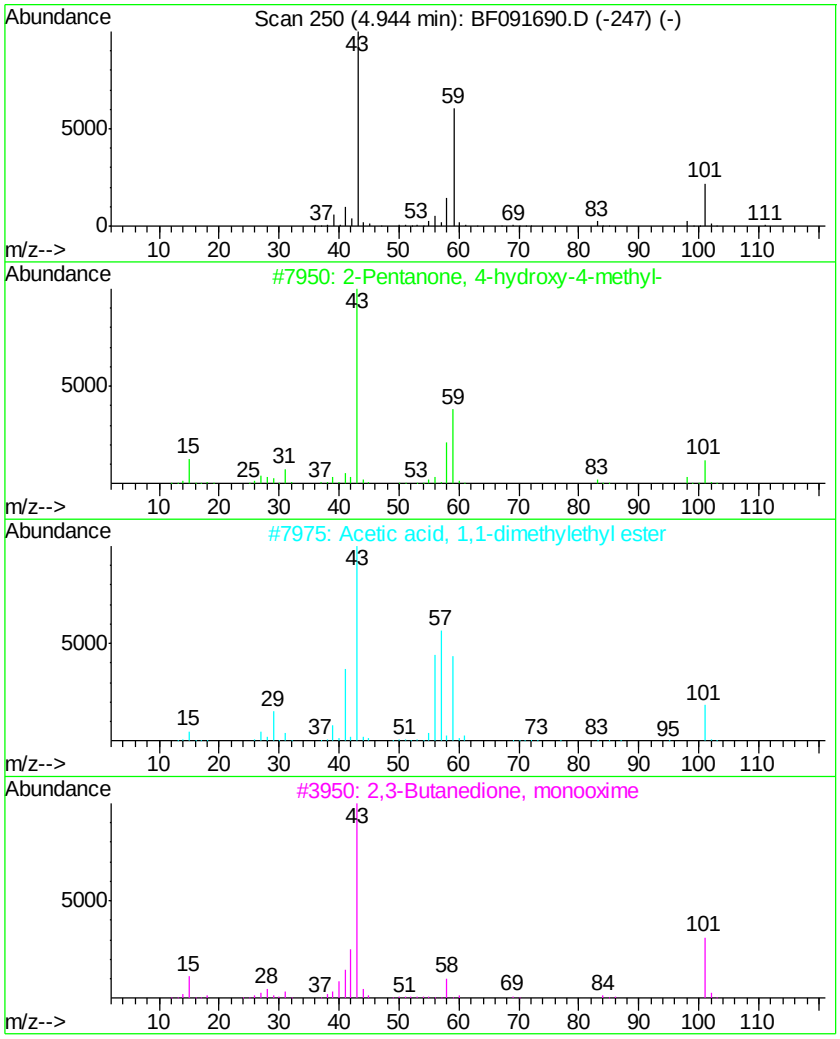
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

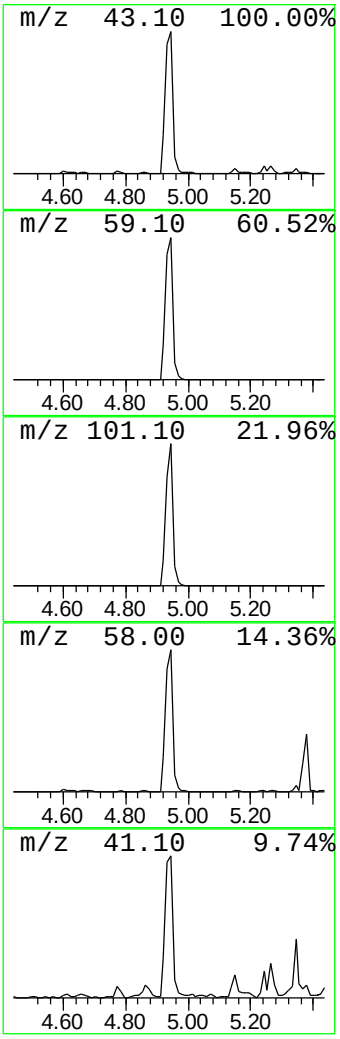
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.94	30.74 ng	1470140	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5	4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	23





Data Path : Z:\HPCHEM1\BNA F\DATA\BF121616\
Data File : BF091690.D
Acq On : 16 Dec 2016 23:17
Operator : UM/SJ
Sample : H5977-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

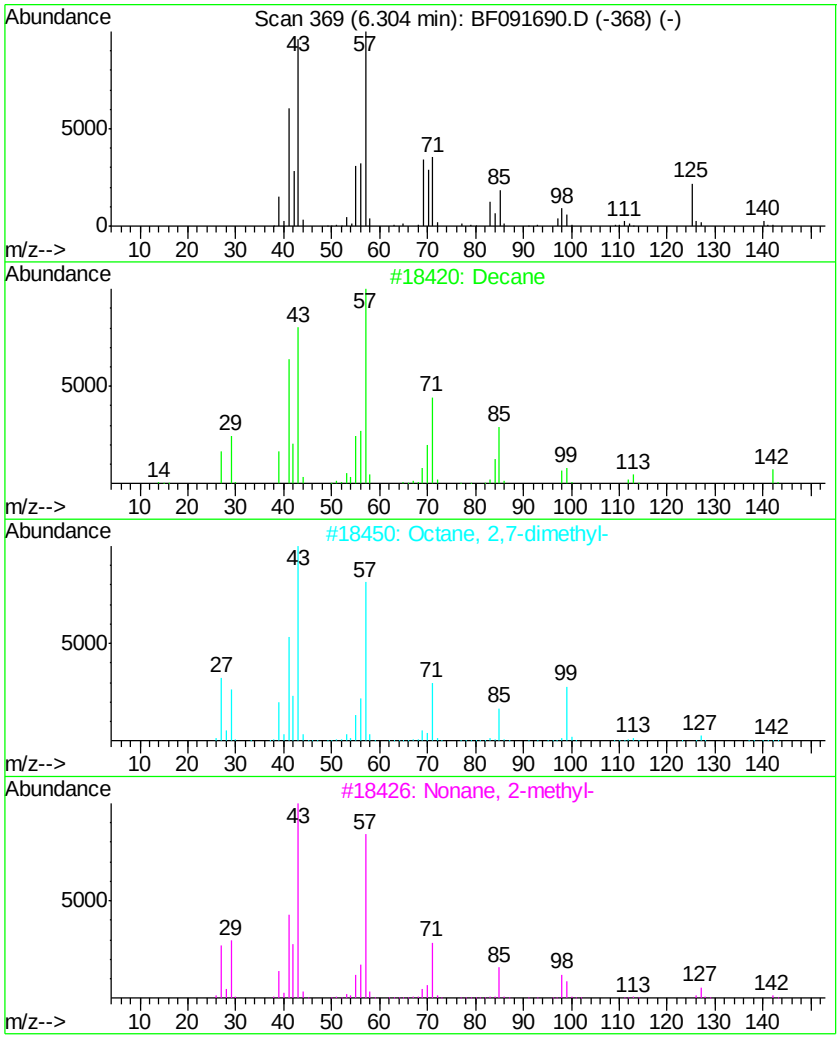
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

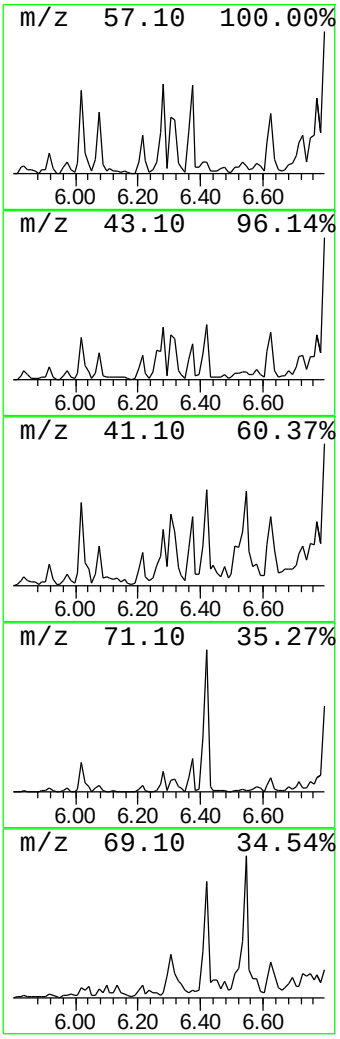
****

Peak Number 2 Decane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.30	21.16 ng	1011910	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	53
2	Octane, 2,7-dimethyl-	142	C10H22	001072-16-8	49
3	Nonane, 2-methyl-	142	C10H22	000871-83-0	47
4	1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	47
5	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	43





Data Path : Z:\HPCHEM1\BNA F\DATA\BF121616\
Data File : BF091690.D
Acq On : 16 Dec 2016 23:17
Operator : UM/SJ
Sample : H5977-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.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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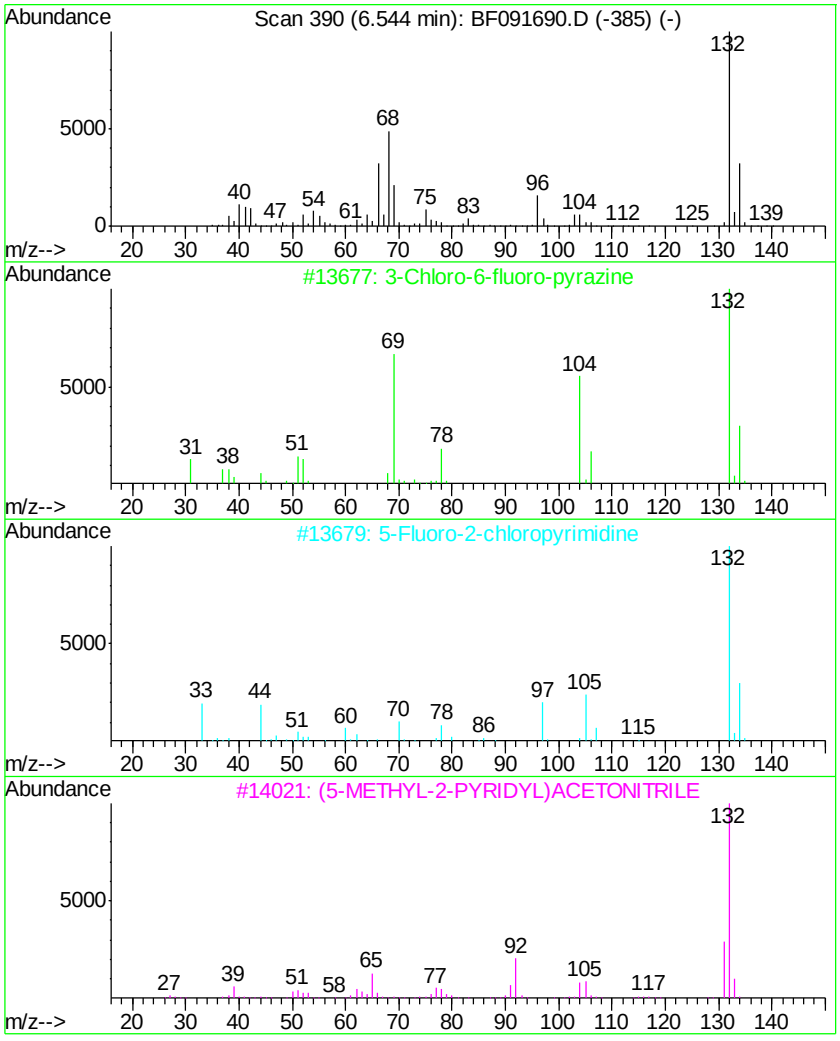
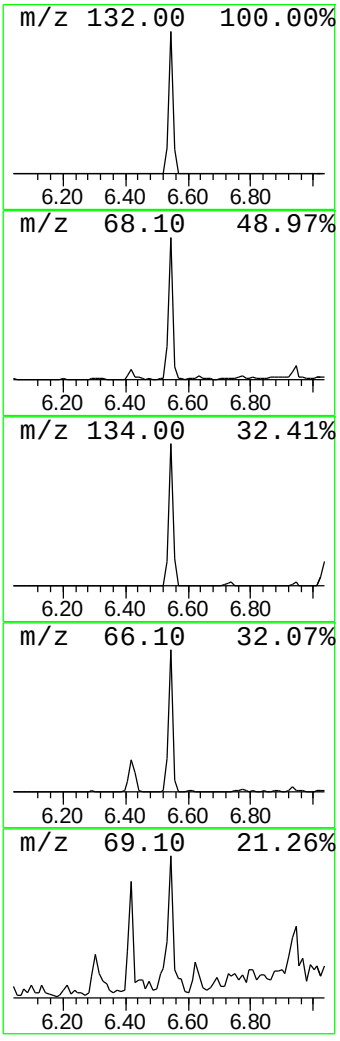
Peak Number 3 unknown6.54 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.54	94.98 ng	4542300	1,4-Dichlorobenzene-d4	6.77

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	16
3	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF121616\
Data File : BF091690.D
Acq On : 16 Dec 2016 23:17
Operator : UM/SJ
Sample : H5977-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

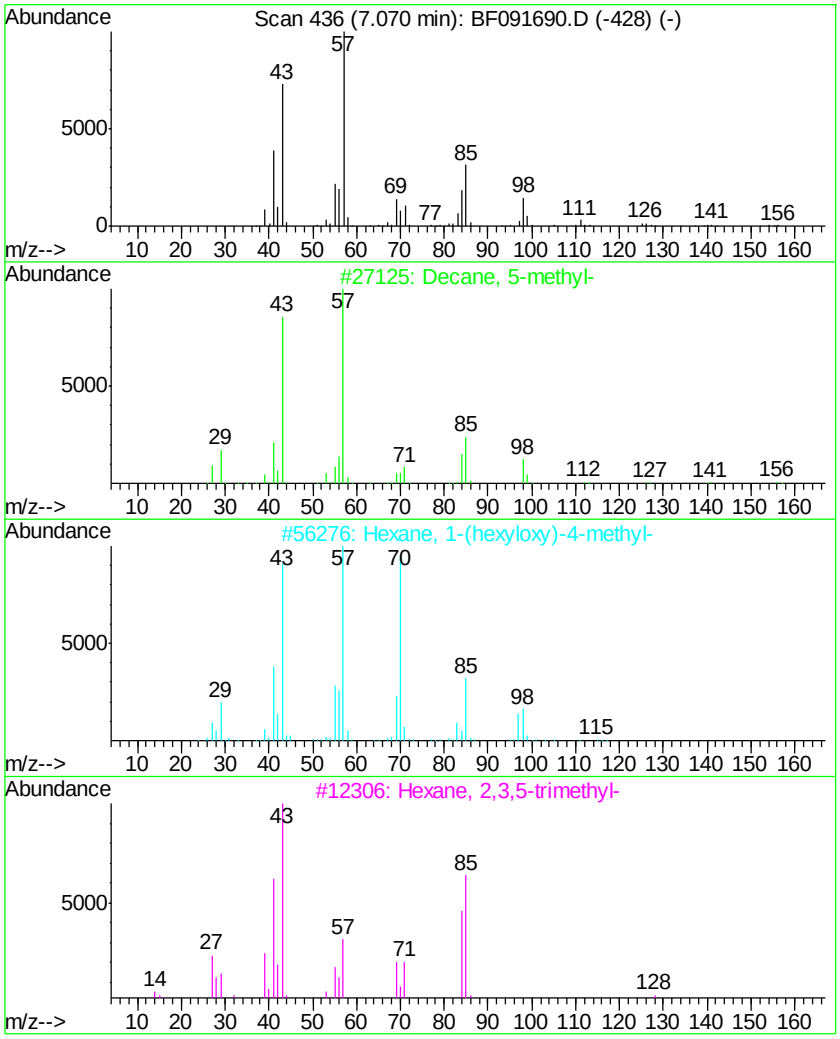
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

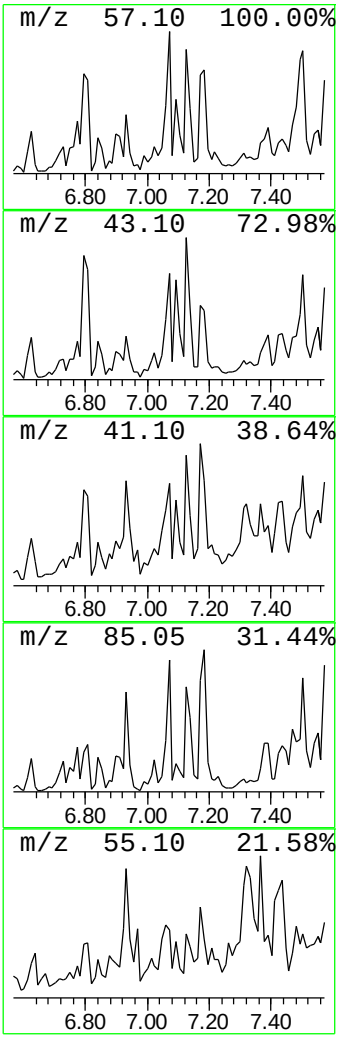
****

Peak Number 5 Decane, 5-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.07	80.68 ng	3858160	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 5-methyl-	156	C11H24	013151-35-4	83
2	Hexane, 1-(hexyloxy)-4-methyl-	200	C13H28O	074421-20-8	59
3	Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	53
4	4,4-Dimethylcyclooctene	138	C10H18	1000113-56-7	53
5	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	53





Data Path : Z:\HPCHEM1\BNA F\DATA\BF121616\
Data File : BF091690.D
Acq On : 16 Dec 2016 23:17
Operator : UM/SJ
Sample : H5977-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

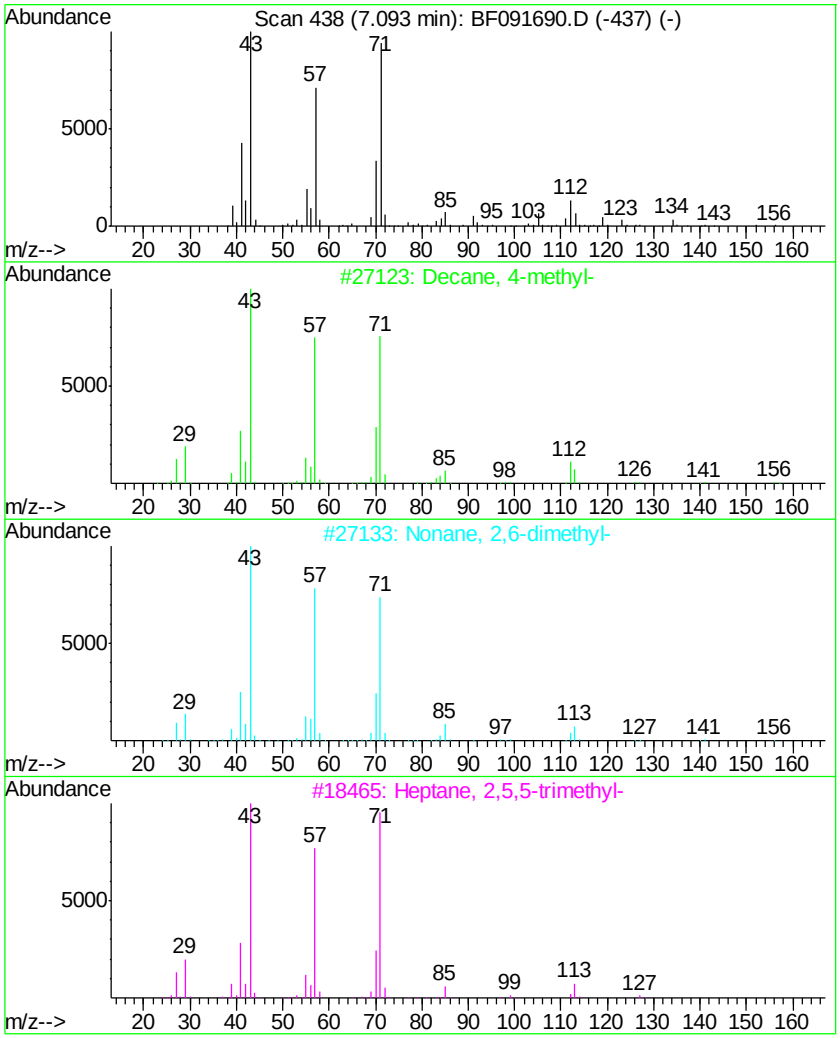
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

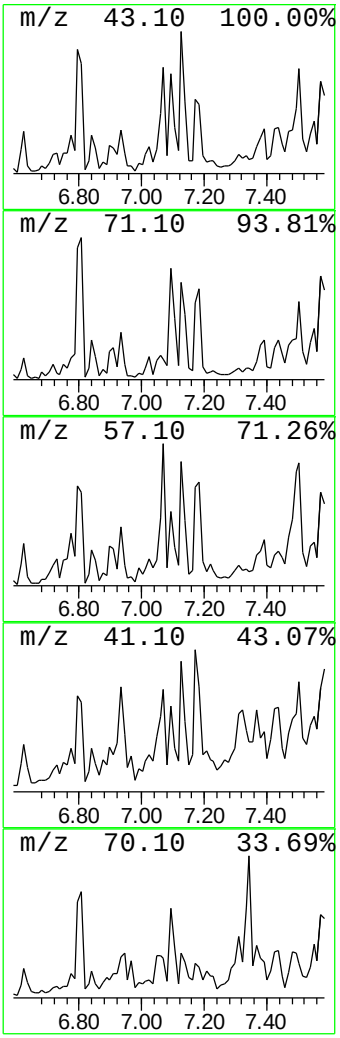
****

Peak Number 6 Decane, 4-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.09	26.55 ng	1269490	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 4-methyl-	156	C11H24	002847-72-5	90
2	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	80
3	Heptane, 2,5,5-trimethyl-	142	C10H22	001189-99-7	72
4	Dodecane, 4-methyl-	184	C13H28	006117-97-1	64
5	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF121616\
Data File : BF091690.D
Acq On : 16 Dec 2016 23:17
Operator : UM/SJ
Sample : H5977-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.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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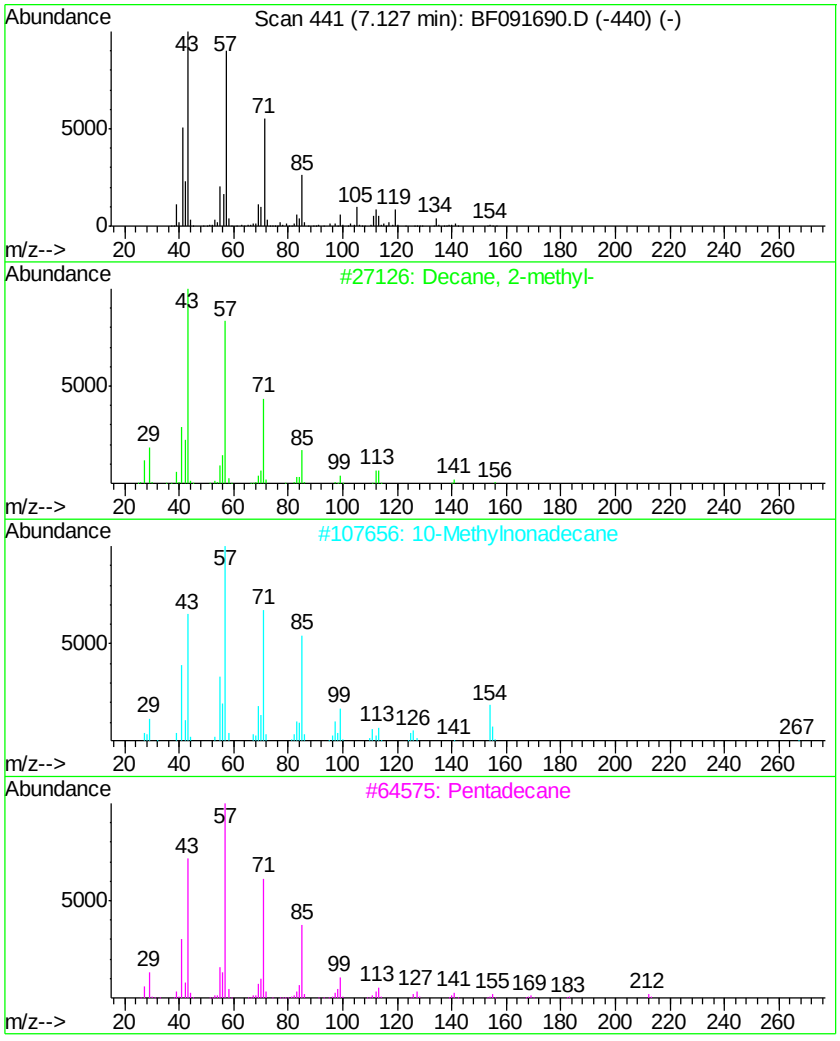
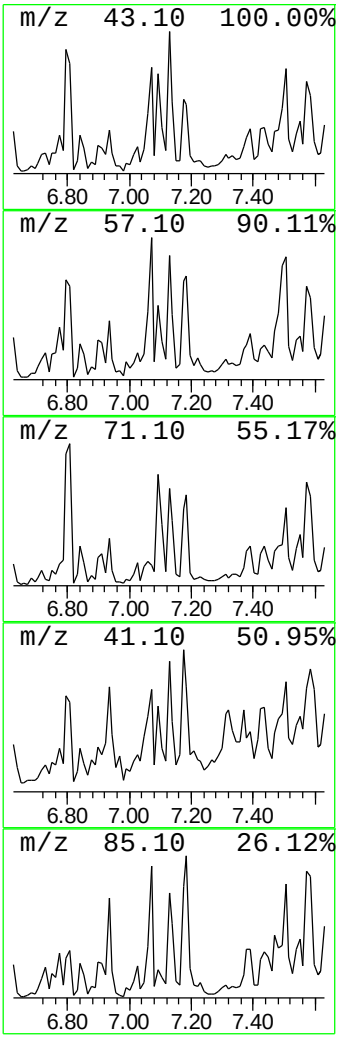
Peak Number 7 Decane, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.13	34.31 ng	1640690	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2-methyl-	156	C11H24	006975-98-0	76
2	10-Methylnonadecane	282	C20H42	056862-62-5	53
3	Pentadecane	212	C15H32	000629-62-9	50
4	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	50
5	Undecane, 2-methyl-	170	C12H26	007045-71-8	50





Library Search Compound Report

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Operator : UM/SJ
Sample : H5977-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-4

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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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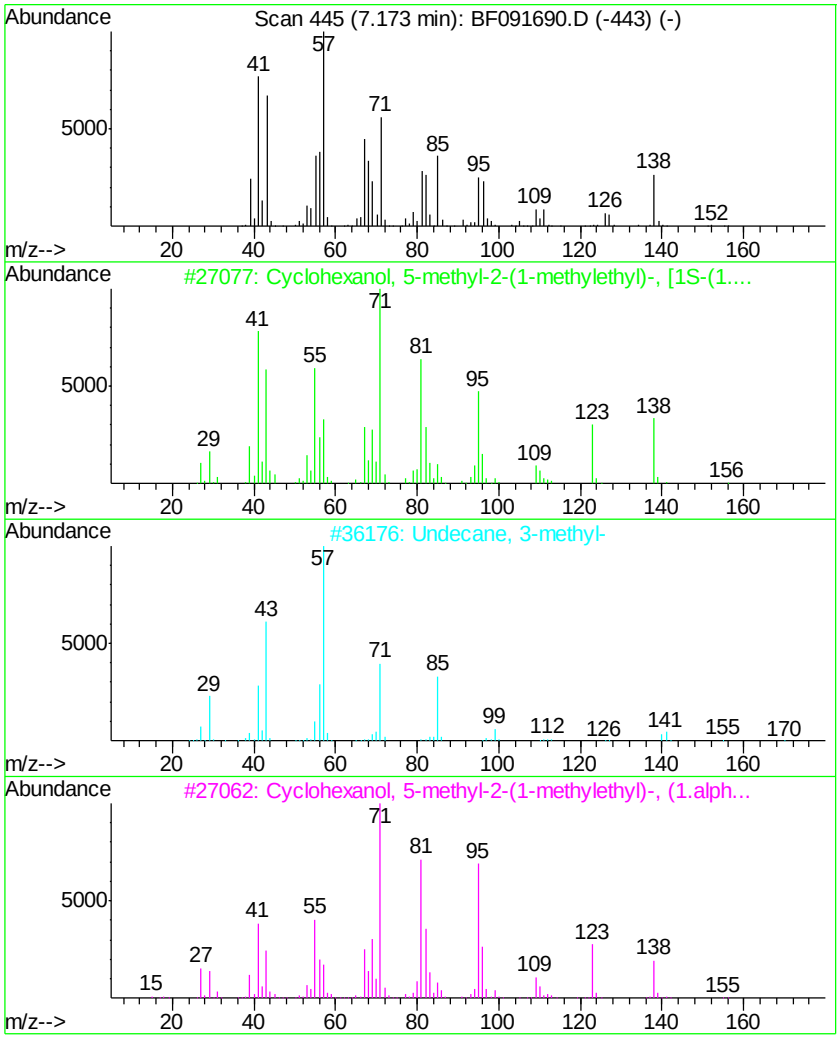
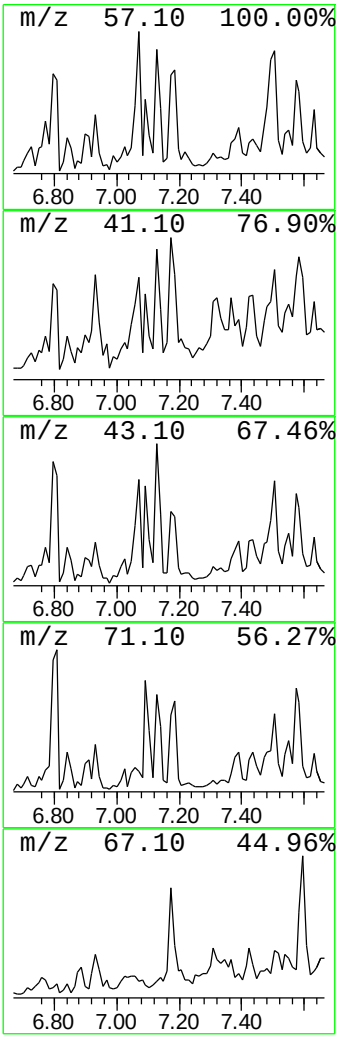
Peak Number 8 unknown7.17 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.17	50.11 ng	2396340	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	002216-52-6	38
2	Undecane, 3-methyl-	170	C12H26	001002-43-3	35
3	Cyclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	000089-78-1	35
4	Nonane, 3-methyl-	142	C10H22	005911-04-6	27
5	3-Decen-1-ol, acetate, (Z)-	198	C12H22O2	081634-99-3	27





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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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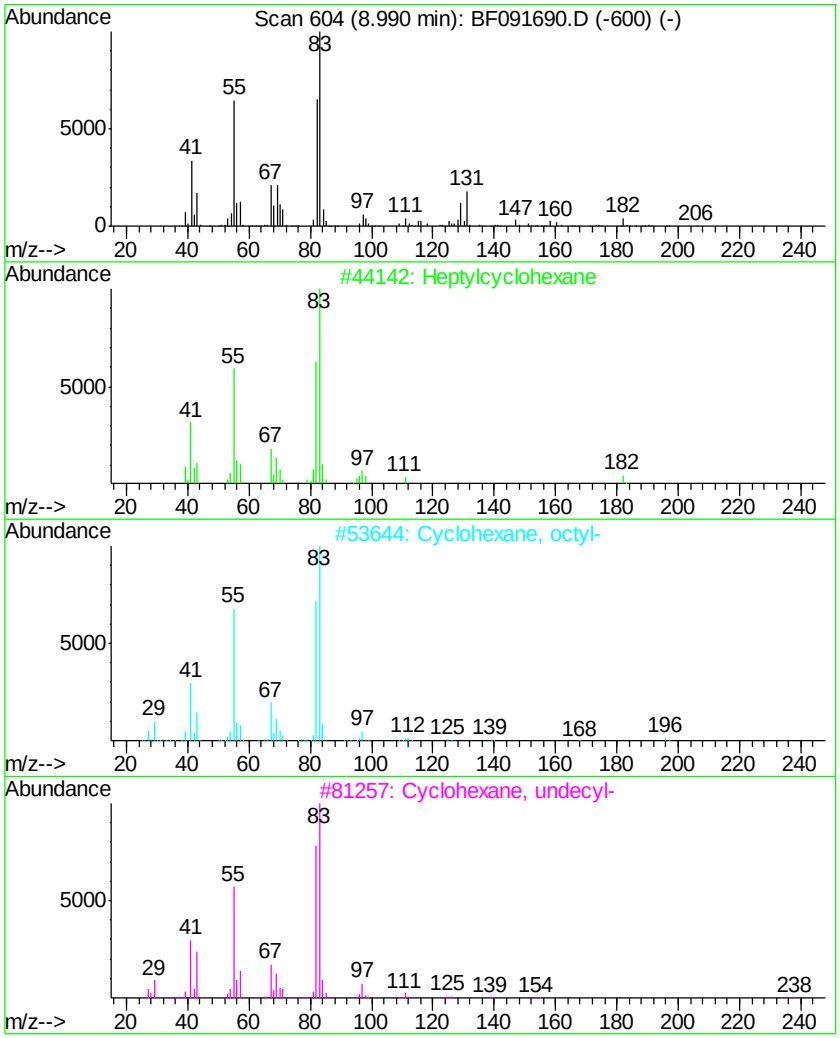
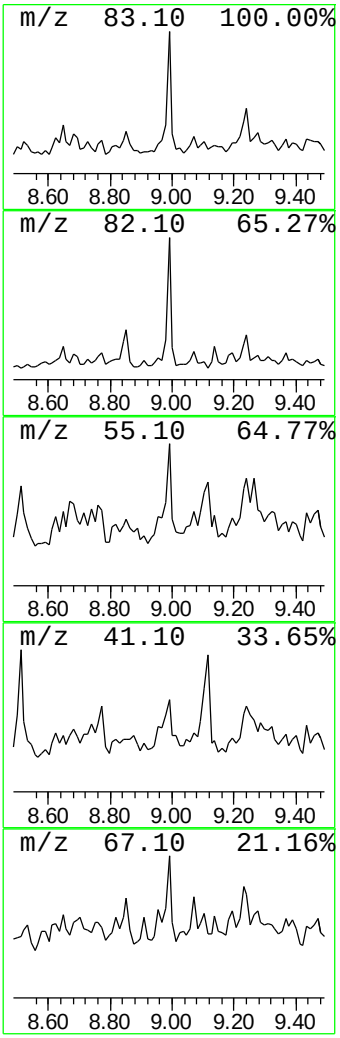
Peak Number 10 Heptylcyclohexane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.99	19.76 ng	6015430	Acenaphthene-d10	9.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptylcyclohexane	182	C13H26	005617-41-4	93
2	Cyclohexane, octyl-	196	C14H28	001795-15-9	81
3	Cyclohexane, undecyl-	238	C17H34	054105-66-7	80
4	n-Amylcyclohexane	154	C11H22	029949-27-7	72
5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	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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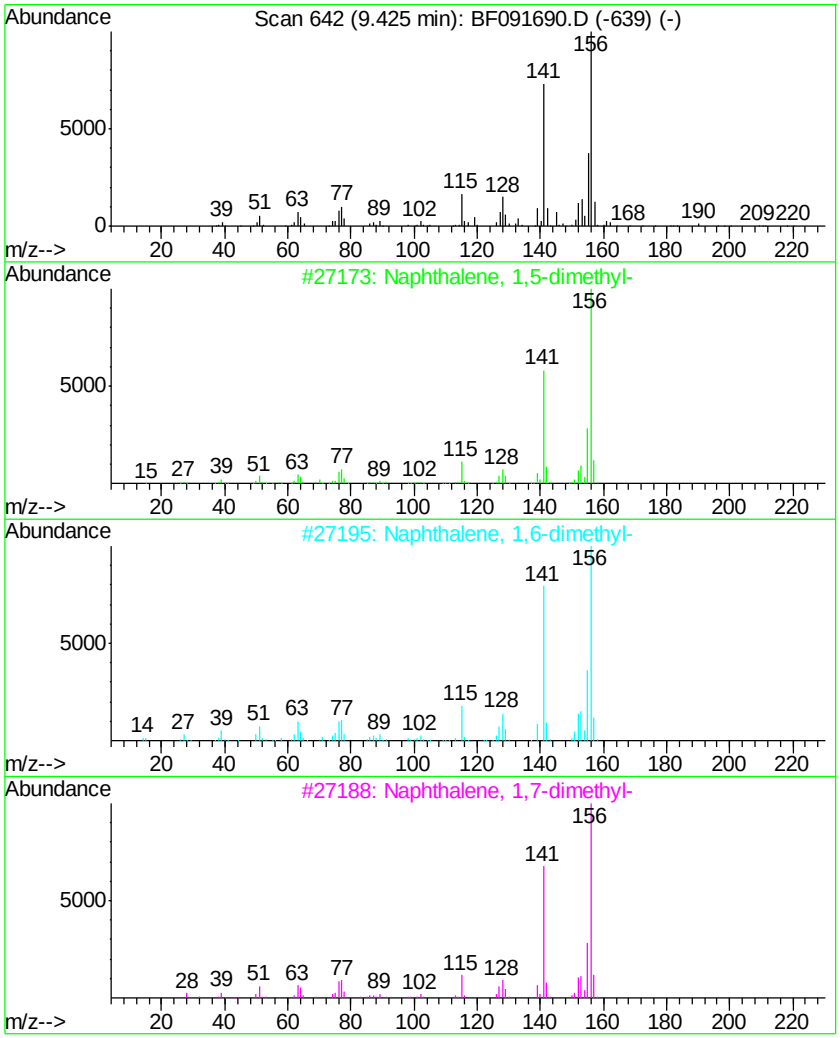
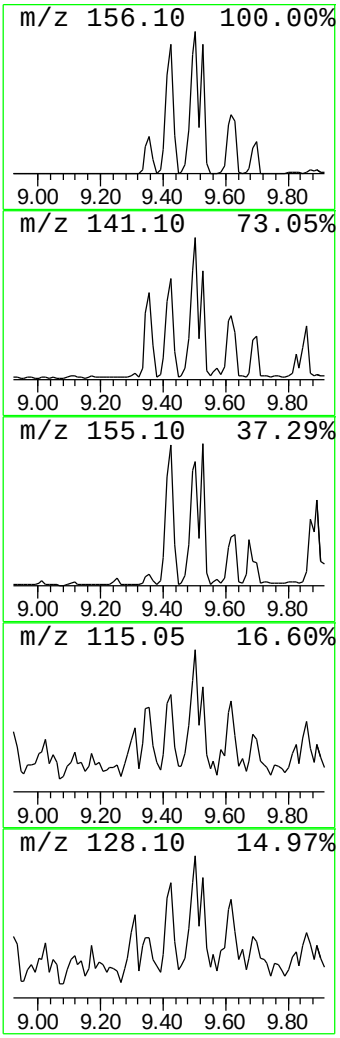
Peak Number 11 Naphthalene, 1,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.42	30.50 ng	9284150	Acenaphthene-d10	9.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





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Instrument : BNA_F
ClientSampleId : T-4

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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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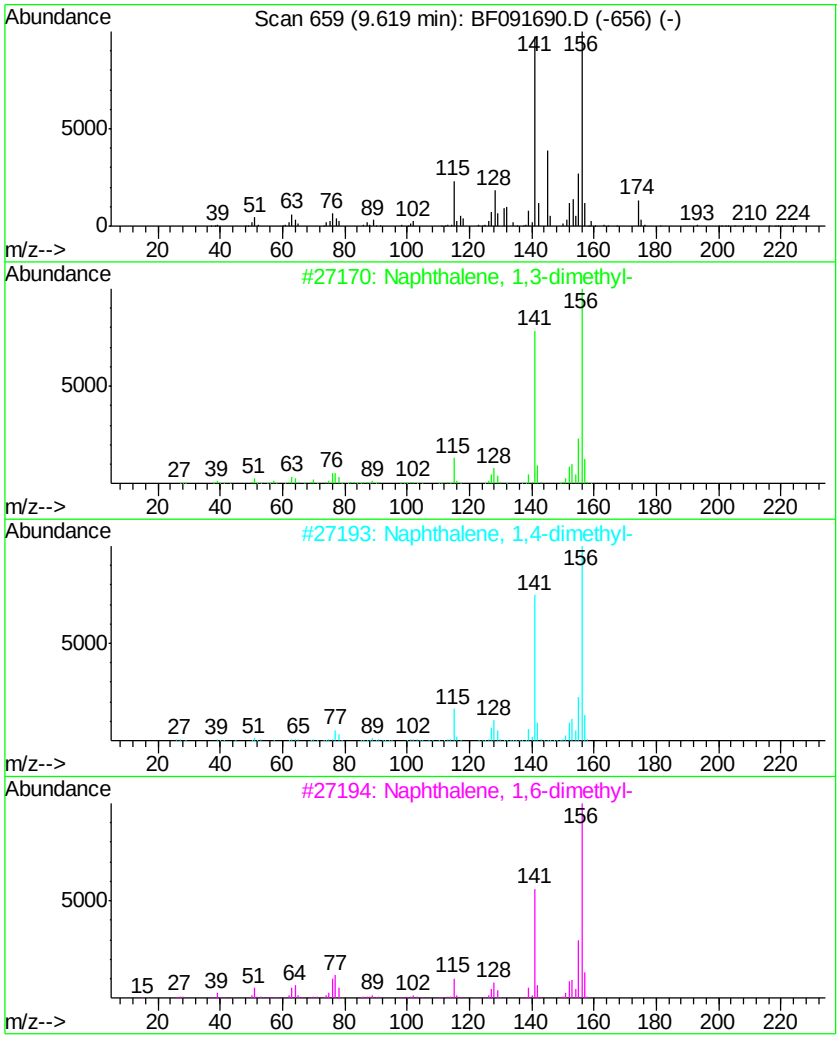
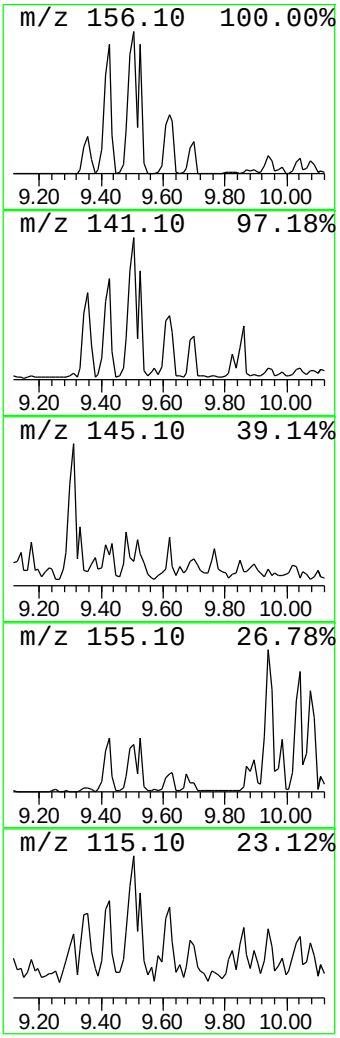
Peak Number 12 Naphthalene, 1,3-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.62	20.47 ng	6232450	Acenaphthene-d10	9.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	94





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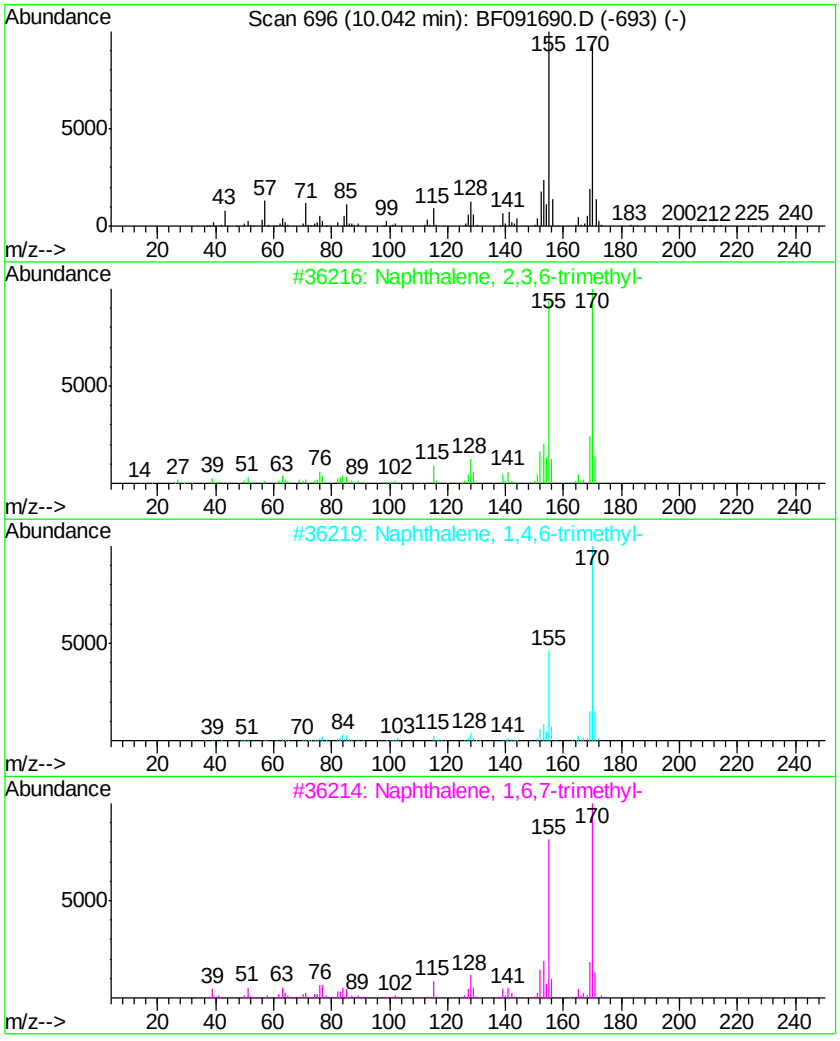
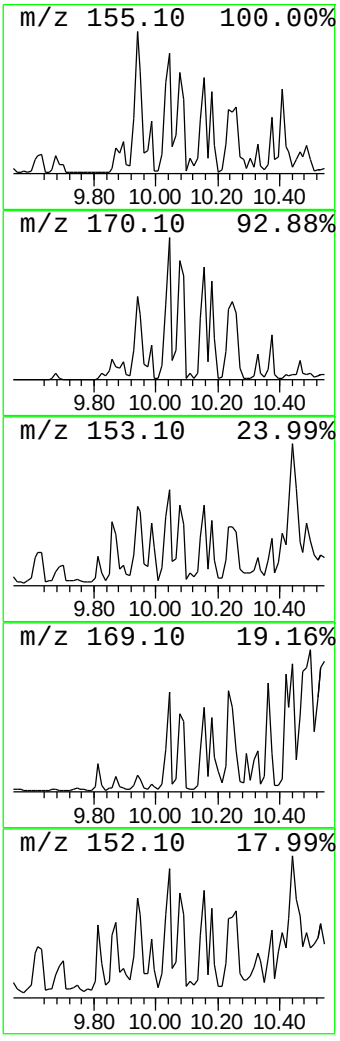
Peak Number 13 Naphthalene, 2,3,6-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.04	25.96 ng	7902680	Acenaphthene-d10	9.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
4	Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	93
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91





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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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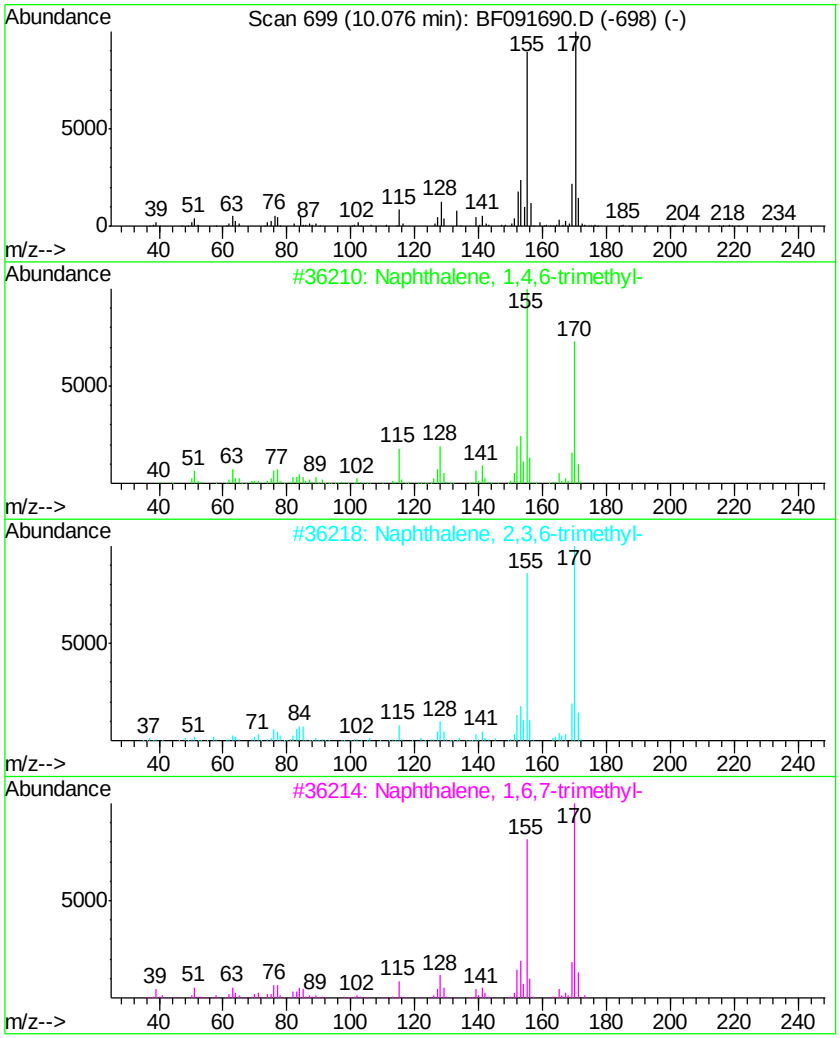
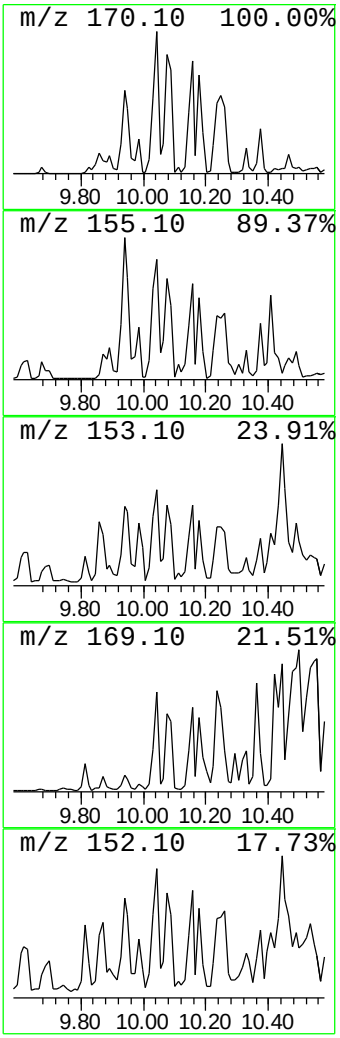
Peak Number 14 Naphthalene, 1,4,6-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.08	26.67 ng	8119580	Acenaphthene-d10	9.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
4	Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	94
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93





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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
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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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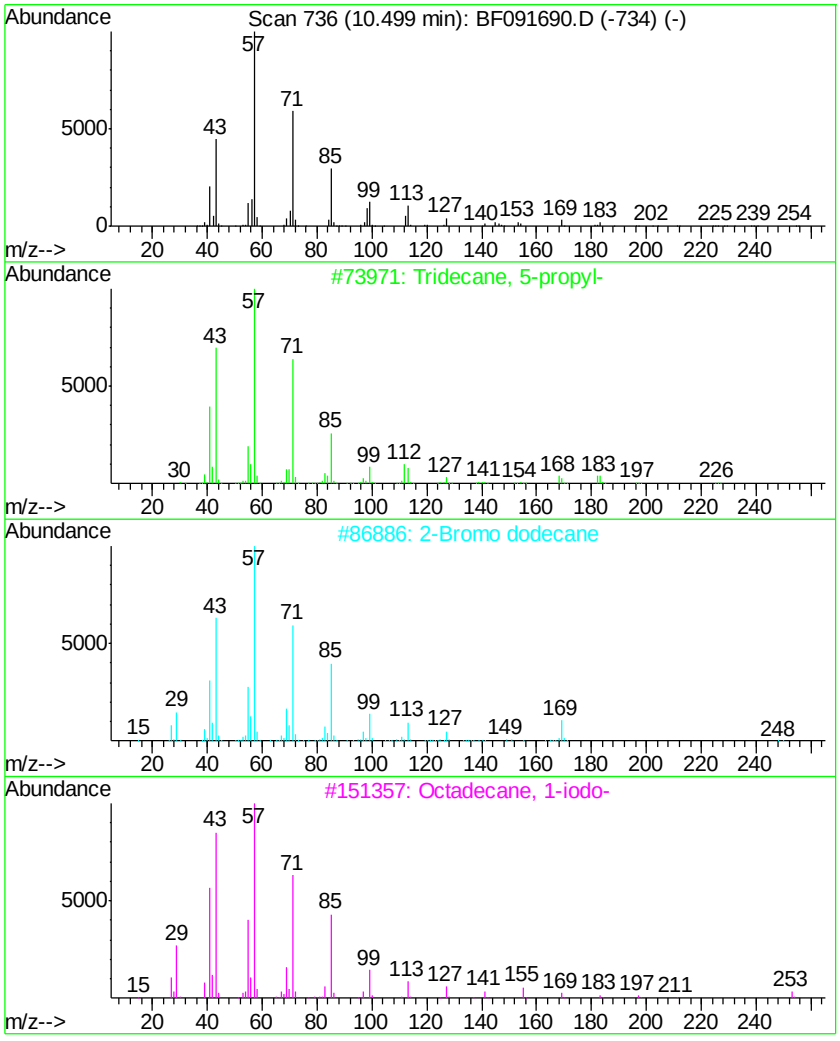
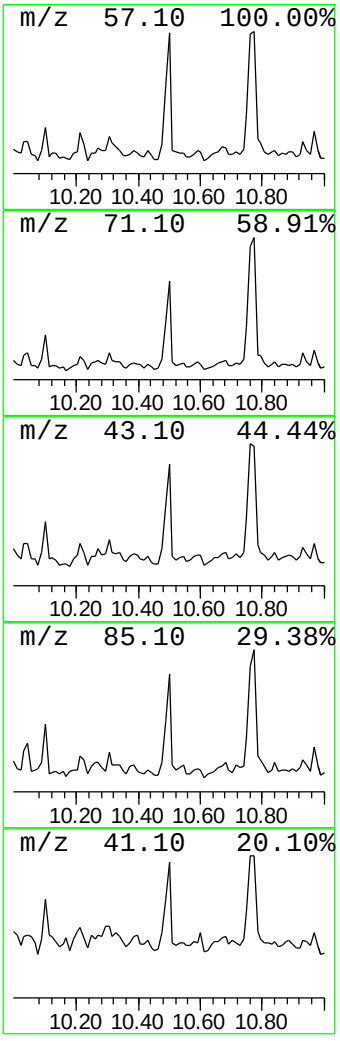
Peak Number 16 Tridecane, 5-propyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.50	33.09 ng	10073100	Acenaphthene-d10	9.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	72
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	72
3	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	72
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	59
5	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	50





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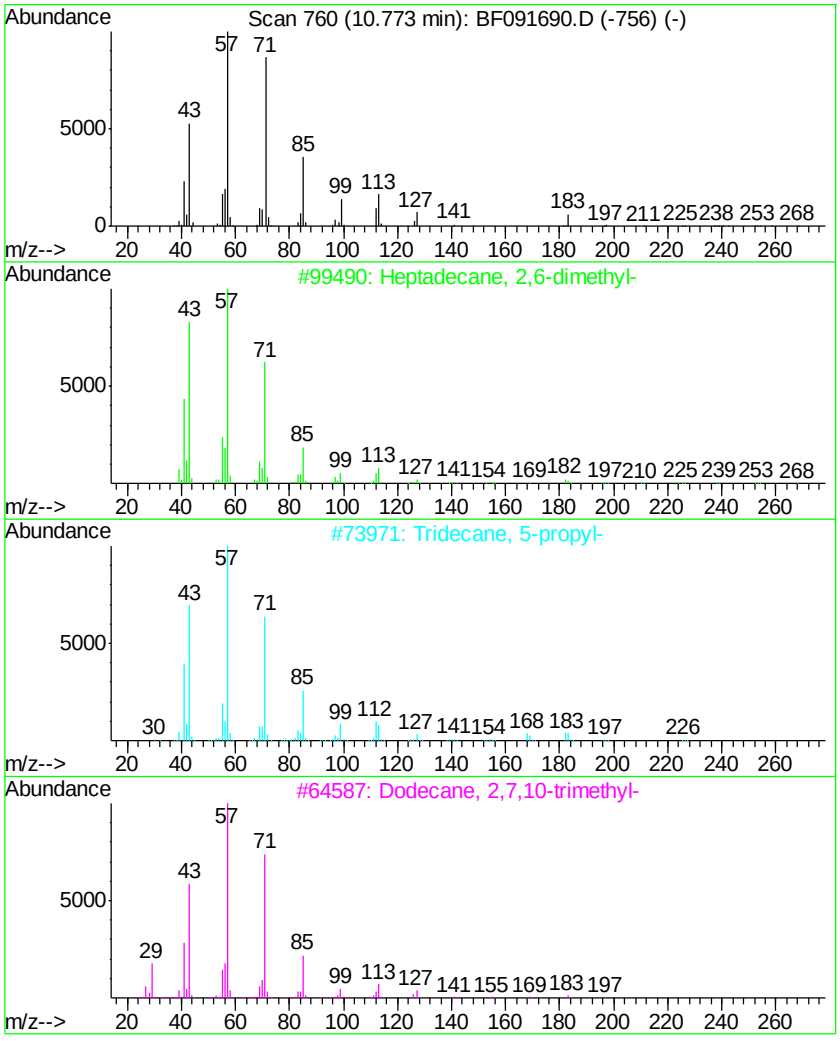
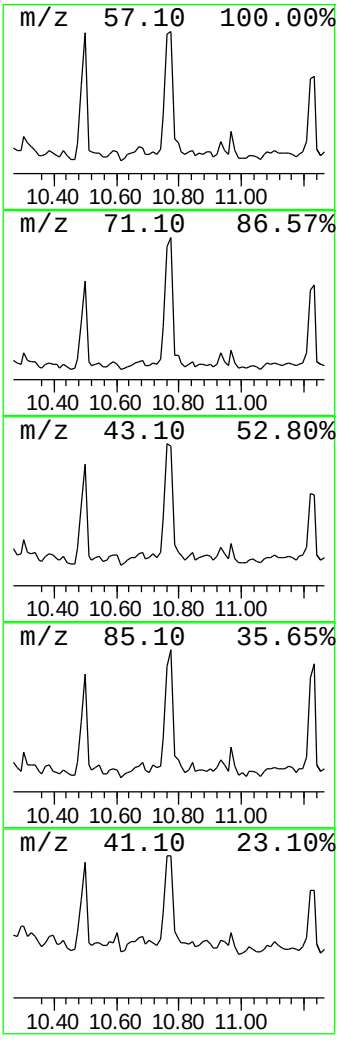
Peak Number 17 Heptadecane, 2,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.77	55.19 ng	12705900	Phenanthrene-d10	11.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	94
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	86
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
5	Hexadecane	226	C16H34	000544-76-3	59





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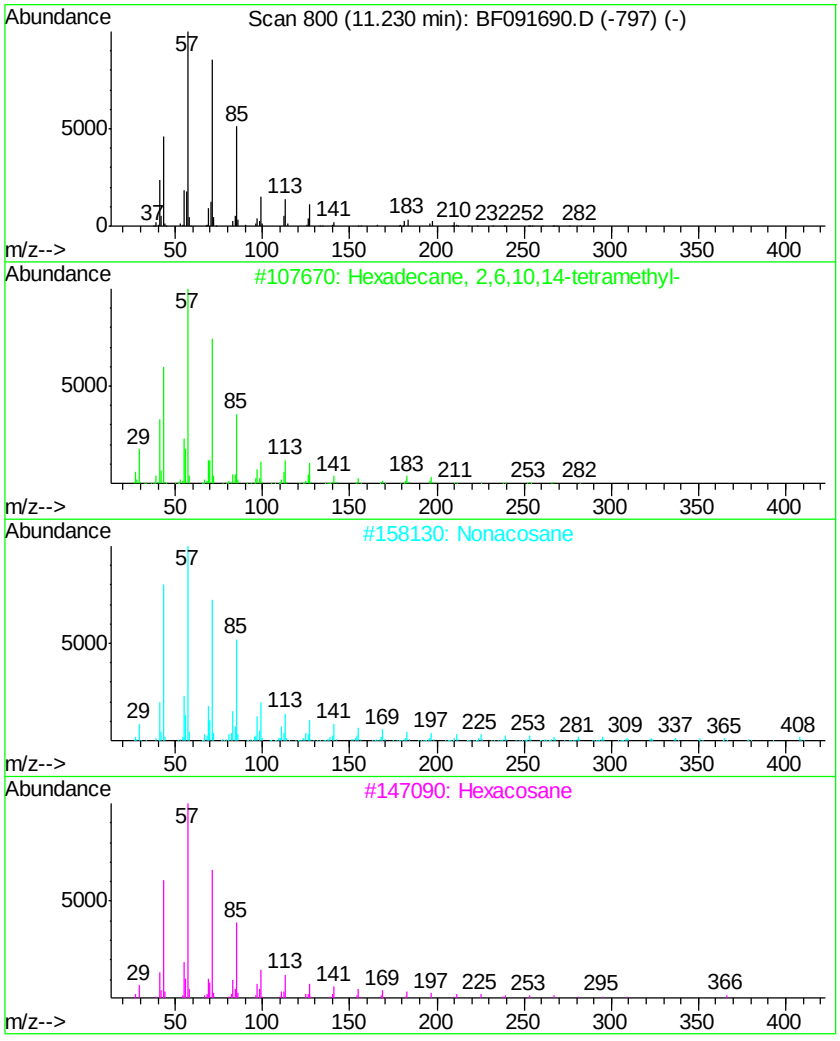
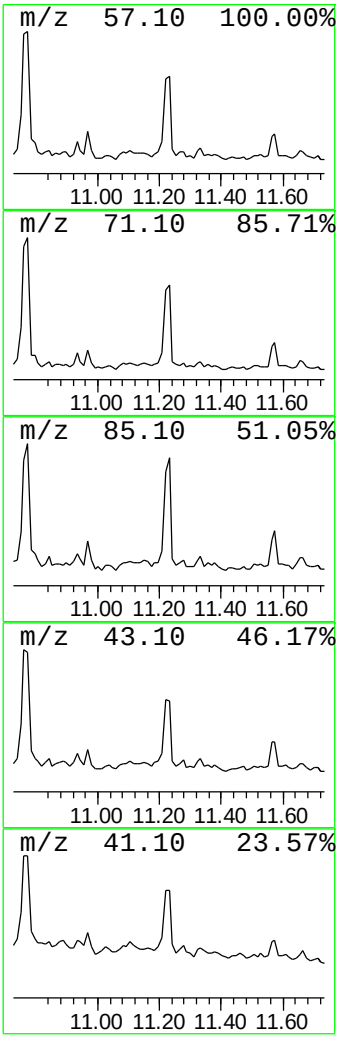
Peak Number 18 Hexadecane, 2,6,10,14-tetra... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.23	39.53 ng	9099410	Phenanthrene-d10	11.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	83
2	Nonacosane	408	C29H60	000630-03-5	78
3	Hexacosane	366	C26H54	000630-01-3	78
4	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	74
5	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	72





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TIC Library : C:\DATABASE\NIST02.L
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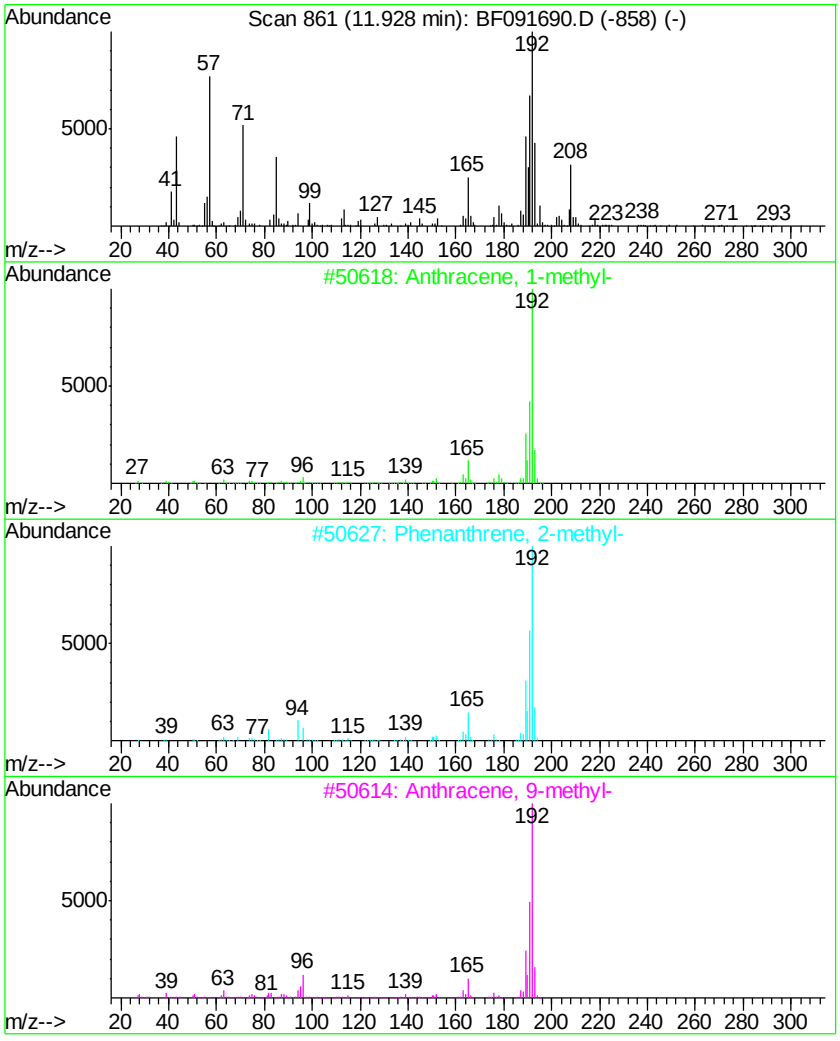
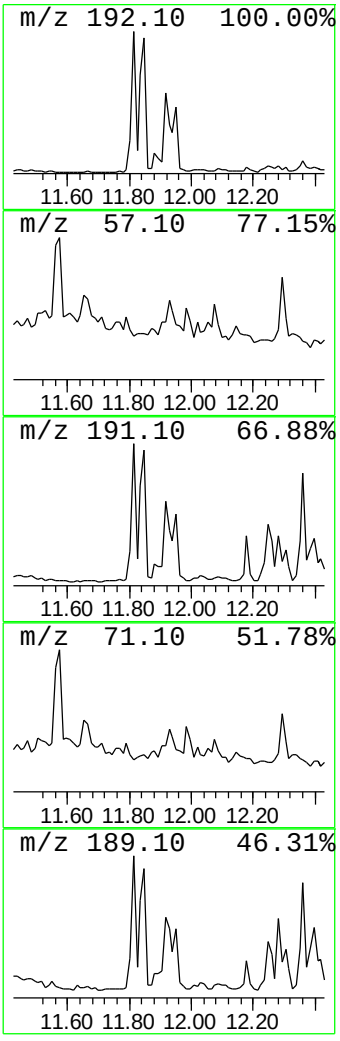
Peak Number 19 Anthracene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	26.47 ng	6094110	Phenanthrene-d10	11.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	50
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	45
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	45
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	43
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	42





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

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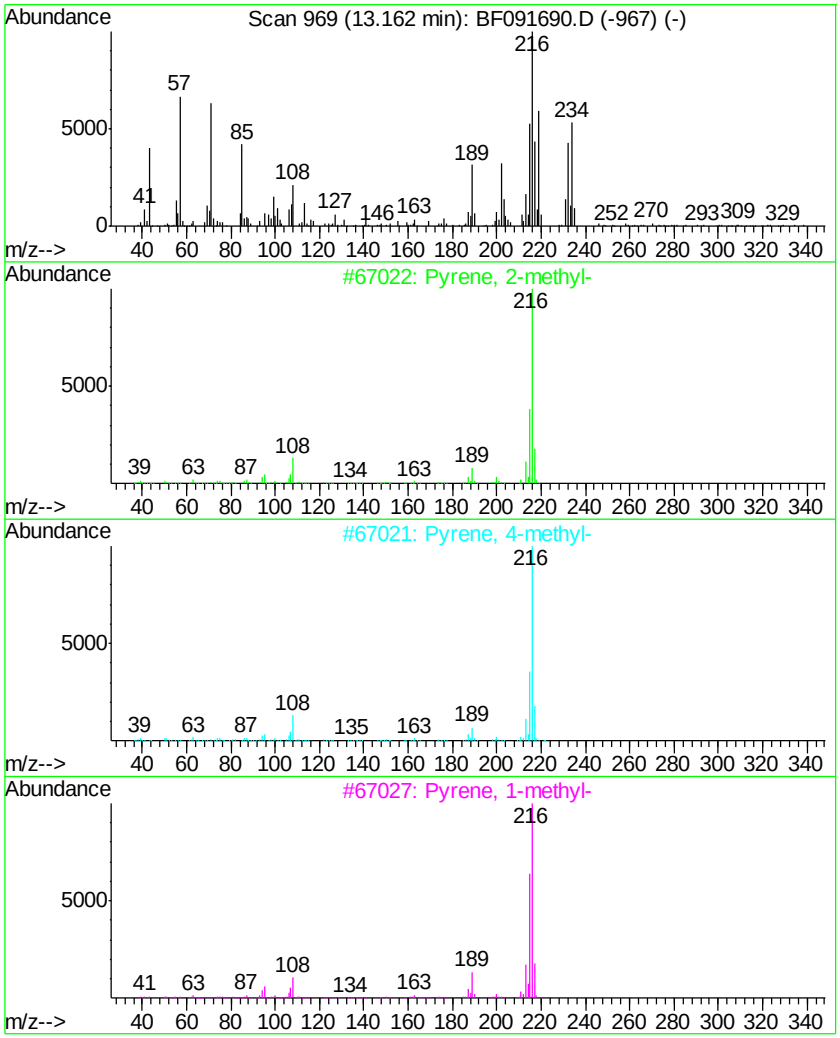
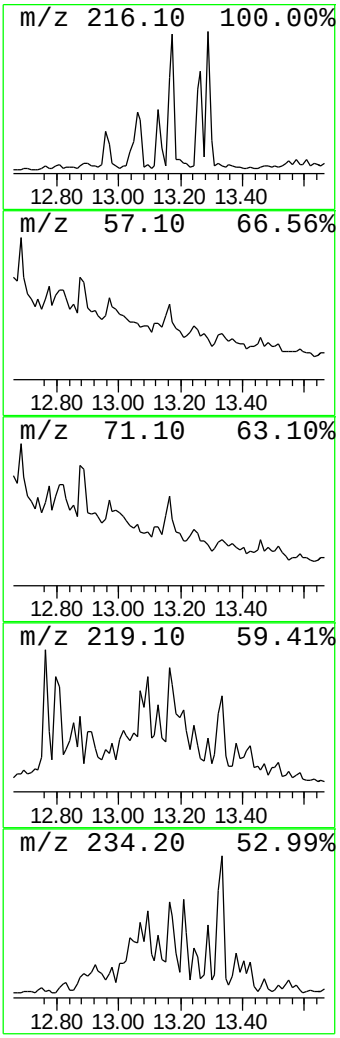
Peak Number 20 Pyrene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.16	22.03 ng	1741770	Chrysene-d12	13.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	78
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	78
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	38
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	25
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	25





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121616\
Data File : BF091690.D
Acq On : 16 Dec 2016 23:17
Operator : UM/SJ
Sample : H5977-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.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
2-Pentanone, 4-hy...	4.94	30.7	ng	1470140	1	6.77	956458	20.0
Decane	6.30	21.2	ng	1011910	1	6.77	956458	20.0
unknown6.54	6.54	95.0	ng	4542300	1	6.77	956458	20.0
Decane, 5-methyl-	7.07	80.7	ng	3858160	1	6.77	956458	20.0
Decane, 4-methyl-	7.09	26.6	ng	1269490	1	6.77	956458	20.0
Decane, 2-methyl-	7.13	34.3	ng	1640690	1	6.77	956458	20.0
unknown7.17	7.17	50.1	ng	2396340	1	6.77	956458	20.0
Heptylcyclohexane	8.99	19.8	ng	6015430	3	9.84	6088090	20.0
Naphthalene, 1,5-...	9.42	30.5	ng	9284150	3	9.84	6088090	20.0
Naphthalene, 1,3-...	9.62	20.5	ng	6232450	3	9.84	6088090	20.0
Naphthalene, 2,3,...	10.04	26.0	ng	7902680	3	9.84	6088090	20.0
Naphthalene, 1,4,...	10.08	26.7	ng	8119580	3	9.84	6088090	20.0
Tridecane, 5-propyl-	10.50	33.1	ng	10073100	3	9.84	6088090	20.0
Heptadecane, 2,6-...	10.77	55.2	ng	12705900	4	11.31	4604150	20.0
Hexadecane, 2,6,1...	11.23	39.5	ng	9099410	4	11.31	4604150	20.0
Anthracene, 1-met...	11.93	26.5	ng	6094110	4	11.31	4604150	20.0
Pyrene, 2-methyl-	13.16	22.0	ng	1741770	5	13.93	1581010	20.0