LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102716\
Data File : BF090896.D
Acq On : 28 Oct 2016 4:46
Operator : UM/SJ
Sample : H5411-07 2X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-03-3.5-4.0

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-BF102616.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	4.384	198	201	204	rBV	351156	445668	27.67%	1.970%
2	4.921	246	248	256	rBV	329334	359823	22.34%	1.591%
3	5.322	281	283	285	rBV	25083	32197	2.00%	0.142%
4	5.367	285	287	289	rBV	680125	814044	50.54%	3.599%
5	5.596	305	307	311	rVB	17119	25929	1.61%	0.115%
6	6.293	367	368	373	rVB3	19156	32331	2.01%	0.143%
7	6.407	376	378	385	rBV	806282	974127	60.48%	4.307%
8	6.544	387	390	392	rVV	720420	1034884	64.25%	4.576%
9	6.613	393	396	399	rVB2	37601	66415	4.12%	0.294%
10	6.773	408	410	414	rBV	336428	349885	21.72%	1.547%
11	6.830	414	415	420	rVV2	22367	33536	2.08%	0.148%
12	6.933	422	424	426	rVV	783776	918816	57.05%	4.062%
13	7.059	430	435	437	rVB	28176	46335	2.88%	0.205%
14	7.093	437	438	443	rVB3	23419	41266	2.56%	0.182%
15	7.173	443	445	446	rBV	28650	25876	1.61%	0.114%
16	7.333	457	459	462	rVV	426502	550755	34.19%	2.435%
17	7.379	462	463	465	rVV	50101	58302	3.62%	0.258%
18	7.585	479	481	483	rVB2	20969	25666	1.59%	0.113%
19	7.699	487	491	492	rBV2	19893	35115	2.18%	0.155%
20	7.802	497	500	501	rBV2	35340	46641	2.90%	0.206%
21	7.905	504	509	510	rVB4	16096	41032	2.55%	0.181%
22	8.065	520	523	527	rVV2	411829	722432	44.85%	3.194%
23	8.133	528	529	533	rVB2	26114	31143	1.93%	0.138%
24	8.259	535	540	542	rVB5	12382	30320	1.88%	0.134%
25	8.362	545	549	550	rBV3	16063	26995	1.68%	0.119%
26	8.499	558	561	563	rBV2	20654	35455	2.20%	0.157%
27	8.568	565	567	569	rBV2	33381	34406	2.14%	0.152%
28	8.659	573	575	578	rBV	51495	62931	3.91%	0.278%
29	8.773	583	585	587	rVB	131965	124812	7.75%	0.552%
30	8.876	591	594	597	rBV	119658	130433	8.10%	0.577%
31	9.093	611	613	615	rVV2	35393	32711	2.03%	0.145%
32	9.139	615	617	619	rVV	1325350	1108804	68.84%	4.902%
33	9.230	622	625	628	rBV2	72851	109414	6.79%	0.484%
34	9.333	633	634	638	rVB	26290	36676	2.28%	0.162%

LSC Area Percent Report

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Sample : H5411-07 2X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-03-3.5-4.0

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-BF102616.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.402	638	640	642	rBV	48879	74841	4.65%	0.331%
36	9.470	644	646	648	rVV	72716	103604	6.43%	0.458%
37	9.505	648	649	650	rVV	51942	43584	2.71%	0.193%
38	9.539	650	652	654	rVV	318351	357922	22.22%	1.582%
39	9.596	654	657	659	rVB2	36975	74962	4.65%	0.331%
40	9.676	662	664	667	rVV	33492	32066	1.99%	0.142%
41	9.756	670	671	673	rVB	107289	79257	4.92%	0.350%
42	9.813	673	676	678	rBV	486628	475220	29.50%	2.101%
43	9.848	678	679	681	rVV	240797	189153	11.74%	0.836%
44	9.928	684	686	688	rVB2	28816	41858	2.60%	0.185%
45	9.973	688	690	692	rBV3	17521	33157	2.06%	0.147%
46	10.019	692	694	696	rVV	117176	103142	6.40%	0.456%
47	10.053	696	697	701	rVB3	26766	59505	3.69%	0.263%
48	10.225	710	712	713	rBV	24150	34109	2.12%	0.151%
49	10.259	713	715	716	rVB	53427	65007	4.04%	0.287%
50	10.362	722	724	727	rBV	180683	186856	11.60%	0.826%
51	10.442	727	731	733	rBV3	22602	68065	4.23%	0.301%
52	10.476	733	734	737	rVV2	41640	39904	2.48%	0.176%
53	10.522	737	738	740	rVB	36542	37448	2.33%	0.166%
54	10.602	743	745	747	rBV	283405	278683	17.30%	1.232%
55	10.728	754	756	760	rVB	110136	142133	8.82%	0.628%
56	10.796	760	762	768	rBV5	15446	45371	2.82%	0.201%
57	10.911	769	772	773	rBV2	29344	40090	2.49%	0.177%
58	10.933	773	774	778	rVV3	43188	52474	3.26%	0.232%
59	11.059	780	785	788	rVB6	21757	52472	3.26%	0.232%
60	11.174	791	795	796	rBV3	84633	120564	7.49%	0.533%
61	11.196	796	797	803	rVB2	65008	94990	5.90%	0.420%
62	11.322	803	808	810	rBV2	915025	1184298	73.53%	5.236%
63	11.368	810	812	814	rVV	166042	202072	12.55%	0.893%
64	11.528	824	826	830	rBV	77930	118734	7.37%	0.525%
65	11.596	830	832	834	rBV	45878	58477	3.63%	0.259%
66	11.802	847	850	851	rVV	96885	103511	6.43%	0.458%
67	11.825	851	852	855	rVB	122173	111057	6.90%	0.491%
68	11.871	855	856	858	rBV	32537	43117	2.68%	0.191%
69	11.905	858	859	864	rVB	131917	252545	15.68%	1.117%
70	12.008	867	868	869	rBV	73056	56395	3.50%	0.249%
71	12.099	873	876	881	rVB2	54522	112128	6.96%	0.496%

LSC Area Percent Report

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Data File : BF090896.D
Acq On : 28 Oct 2016 4:46
Operator : UM/SJ
Sample : H5411-07 2X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-03-3.5-4.0

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

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Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	12.248	886	889	890	rBV2	35805	64784	4.02%	0.286%
73	12.351	896	898	899	rBV	75006	75619	4.69%	0.334%
74	12.396	899	902	904	rVB3	62644	112860	7.01%	0.499%
75	12.431	904	905	908	rBV3	37066	69292	4.30%	0.306%
76	12.511	910	912	914	rBV	1158291	1045874	64.94%	4.624%
77	12.568	914	917	919	rVB4	23196	43202	2.68%	0.191%
78	12.659	923	925	927	rBV2	28397	54280	3.37%	0.240%
79	12.739	929	932	933	rBV	757440	960725	59.65%	4.248%
80	12.762	933	934	938	rVB4	52395	92592	5.75%	0.409%
81	12.854	938	942	943	rBV2	54237	84833	5.27%	0.375%
82	12.888	943	945	947	rVB	765074	903797	56.11%	3.996%
83	12.957	948	951	953	rBV2	46789	98477	6.11%	0.435%
84	13.071	957	961	962	rBV	149866	271988	16.89%	1.203%
85	13.128	964	966	968	rBV	162707	184511	11.46%	0.816%
86	13.174	968	970	974	rBV2	86997	197620	12.27%	0.874%
87	13.471	994	996	997	rBV	88963	98530	6.12%	0.436%
88	13.688	1012	1015	1016	rBV2	80962	136540	8.48%	0.604%
89	13.745	1018	1020	1022	rVV3	189371	268496	16.67%	1.187%
90	13.791	1022	1024	1028	rVB4	112939	243784	15.14%	1.078%
91	13.928	1033	1036	1041	rVV2	744201	1610646	100.00%	7.121%
92	14.042	1044	1046	1048	rBV	93096	105662	6.56%	0.467%
93	14.111	1050	1052	1055	rBV4	86674	145519	9.03%	0.643%
94	14.420	1077	1079	1080	rBV2	131266	138187	8.58%	0.611%
95	14.717	1103	1105	1109	rBV2	102049	228878	14.21%	1.012%
96	14.945	1123	1125	1131	rVB	310204	695302	43.17%	3.074%
97	15.231	1148	1150	1153	rVB	175655	256165	15.90%	1.133%
98	15.288	1153	1155	1158	rBV	233901	320731	19.91%	1.418%
99	15.345	1158	1160	1162	rBV	233606	343723	21.34%	1.520%
100	17.117	1313	1315	1319	rBV	88508	151207	9.39%	0.669%

Sum of corrected areas: 22617770

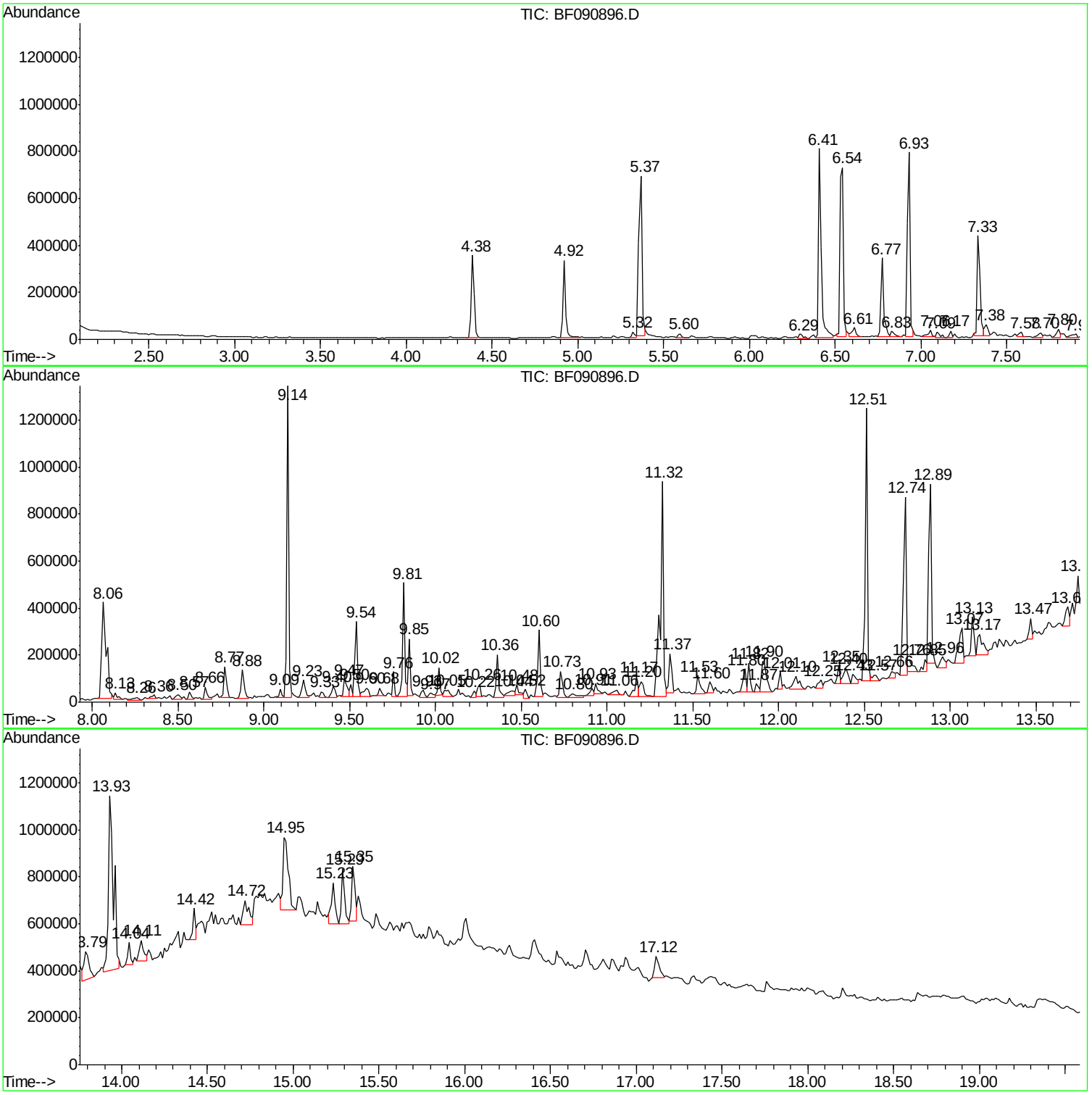
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102716\
Data File : BF090896.D
Acq On : 28 Oct 2016 4:46
Operator : UM/SJ
Sample : H5411-07 2X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-03-3.5-4.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.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\BF102716\
Data File : BF090896.D
Acq On : 28 Oct 2016 4:46
Operator : UM/SJ
Sample : H5411-07 2X
Misc :
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Instrument : BNA_F
ClientSampleId : SB-03-3.5-4.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

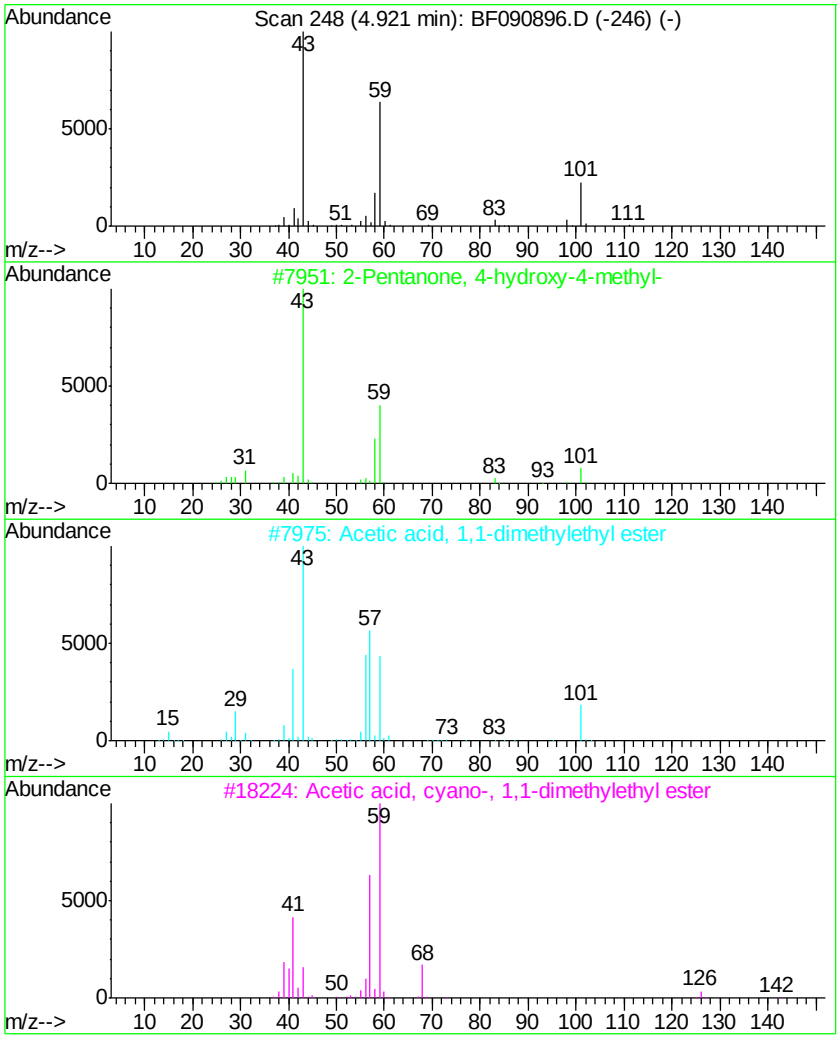
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

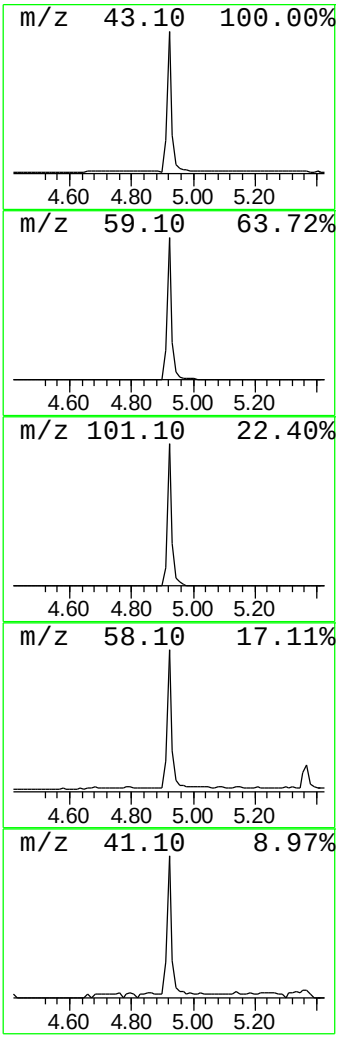
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.92	20.57 ng	359823	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	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF102716\
Data File : BF090896.D
Acq On : 28 Oct 2016 4:46
Operator : UM/SJ
Sample : H5411-07 2X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-03-3.5-4.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

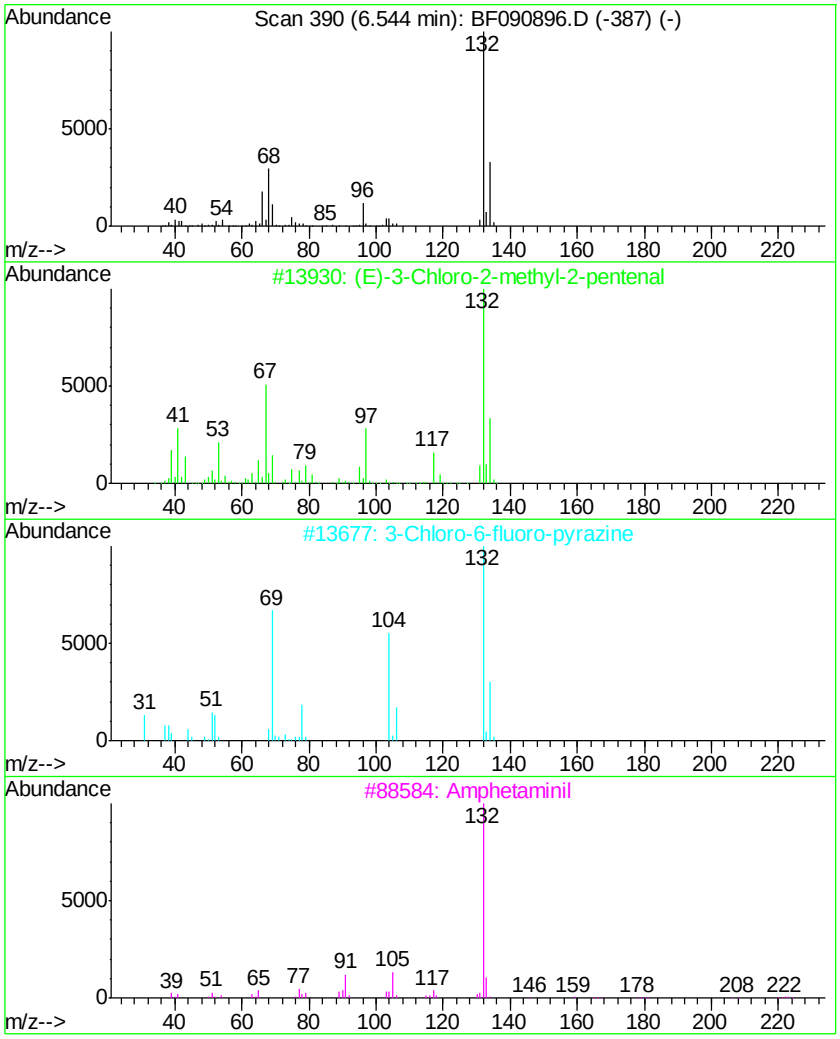
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

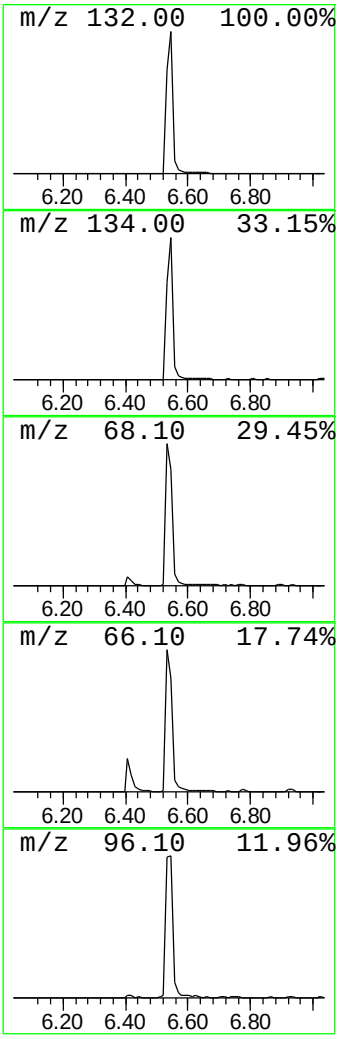
****

Peak Number 3 unknown6.54 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.54	59.16 ng	1034880	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	38
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
3	Amphetaminil	250	C17H18N2	017590-01-1	25
4	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5	Xenon	132	Xe	007440-63-3	9





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Sample : H5411-07 2X
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Instrument : BNA_F
ClientSampleId : SB-03-3.5-4.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

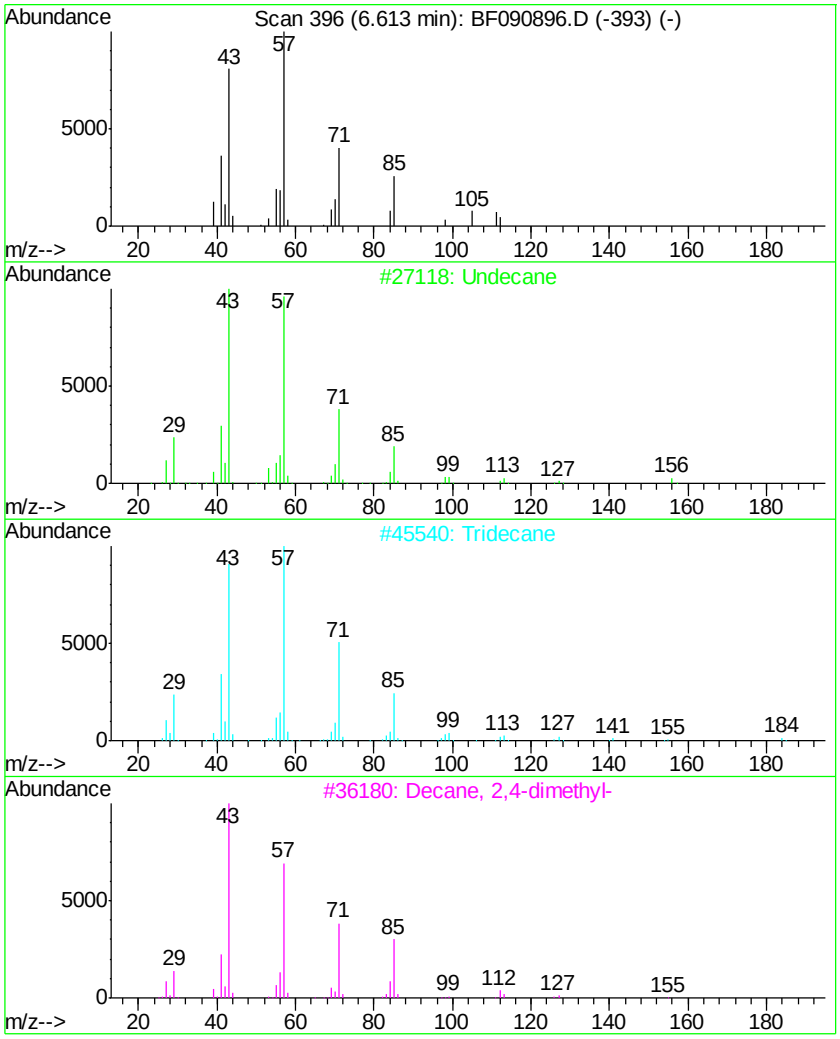
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

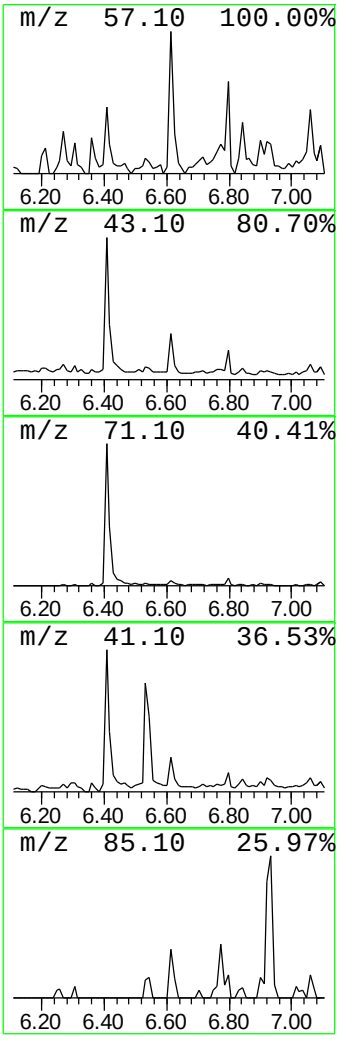
****

Peak Number 4 Undecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	3.80 ng	66415	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	72
2	Tridecane	184	C13H28	000629-50-5	72
3	Decane, 2,4-dimethyl-	170	C12H26	002801-84-5	64
4	Octane	114	C8H18	000111-65-9	64
5	Ether, hexyl pentyl	172	C11H24O	032357-83-8	59





Data Path : Z:\HPCHEM1\BNA F\DATA\BF102716\
Data File : BF090896.D
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Operator : UM/SJ
Sample : H5411-07 2X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-03-3.5-4.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

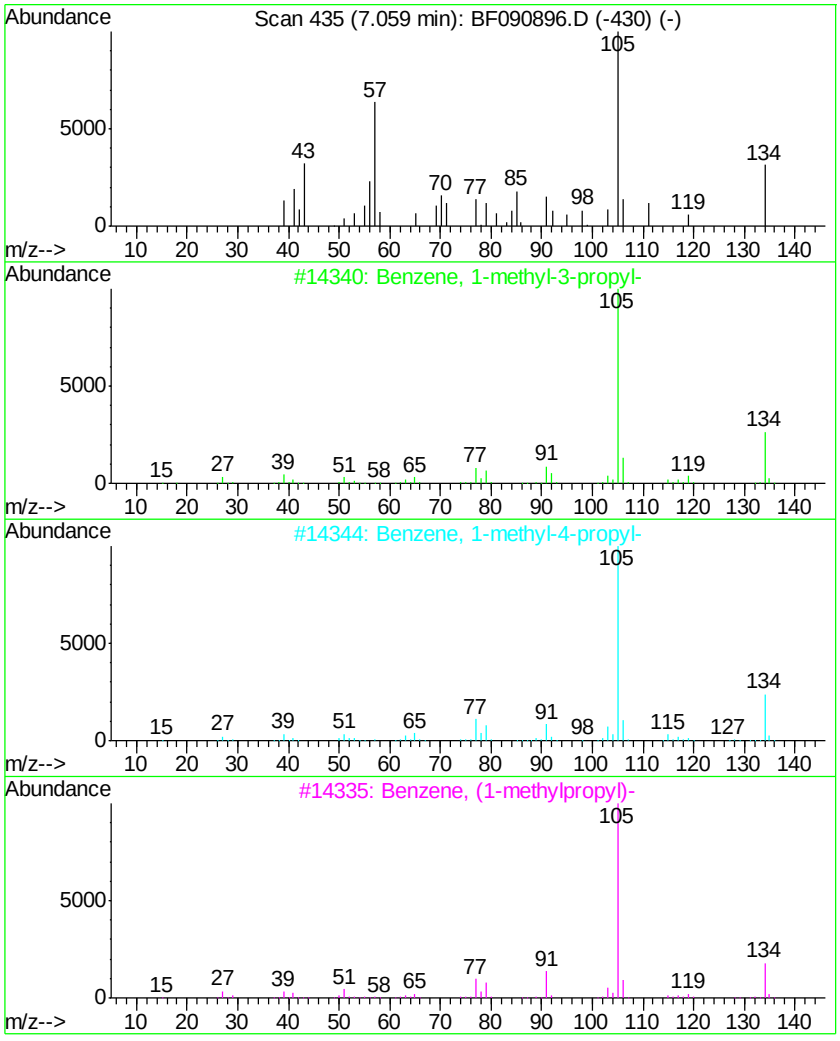
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

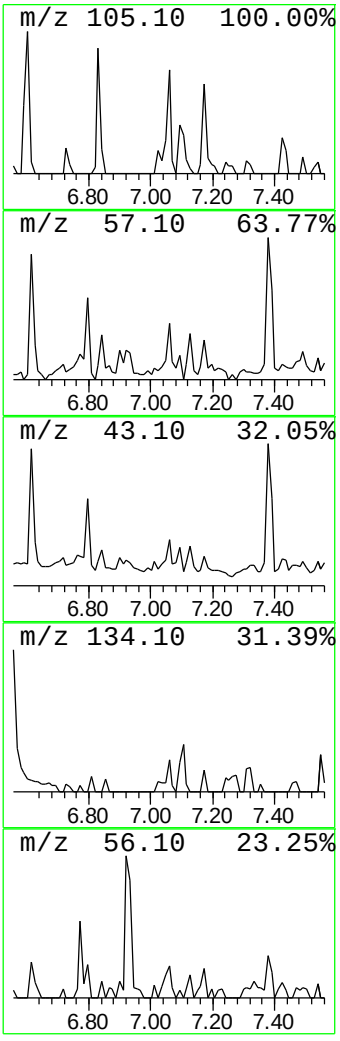
****

Peak Number 6 unknown7.06 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.06	2.65 ng	46335	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	49
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	43
3	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	38
4	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	38
5	2-Tolyloxirane	134	C9H10O	002783-26-8	25





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102716\
Data File : BF090896.D
Acq On : 28 Oct 2016 4:46
Operator : UM/SJ
Sample : H5411-07 2X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-03-3.5-4.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

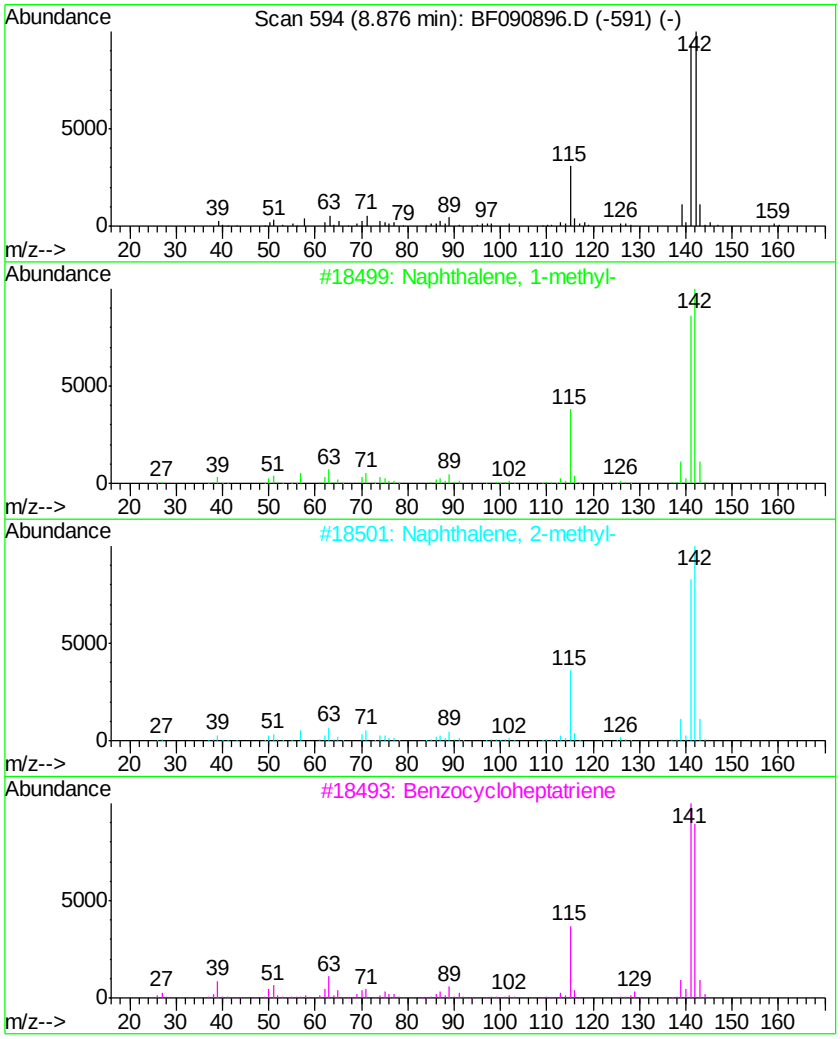
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

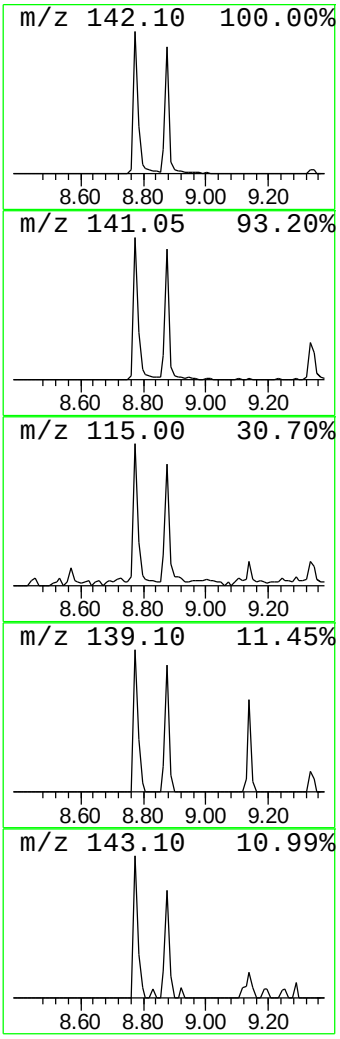
****

Peak Number 7 Naphthalene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.88	3.61 ng	130433	Naphthalene-d8	8.06

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	Benzocycloheptatriene	142	C11H10	000264-09-5	91
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	49





Data Path : Z:\HPCHEM1\BNA F\DATA\BF102716\
Data File : BF090896.D
Acq On : 28 Oct 2016 4:46
Operator : UM/SJ
Sample : H5411-07 2X
Misc :
ALS Vial : 29 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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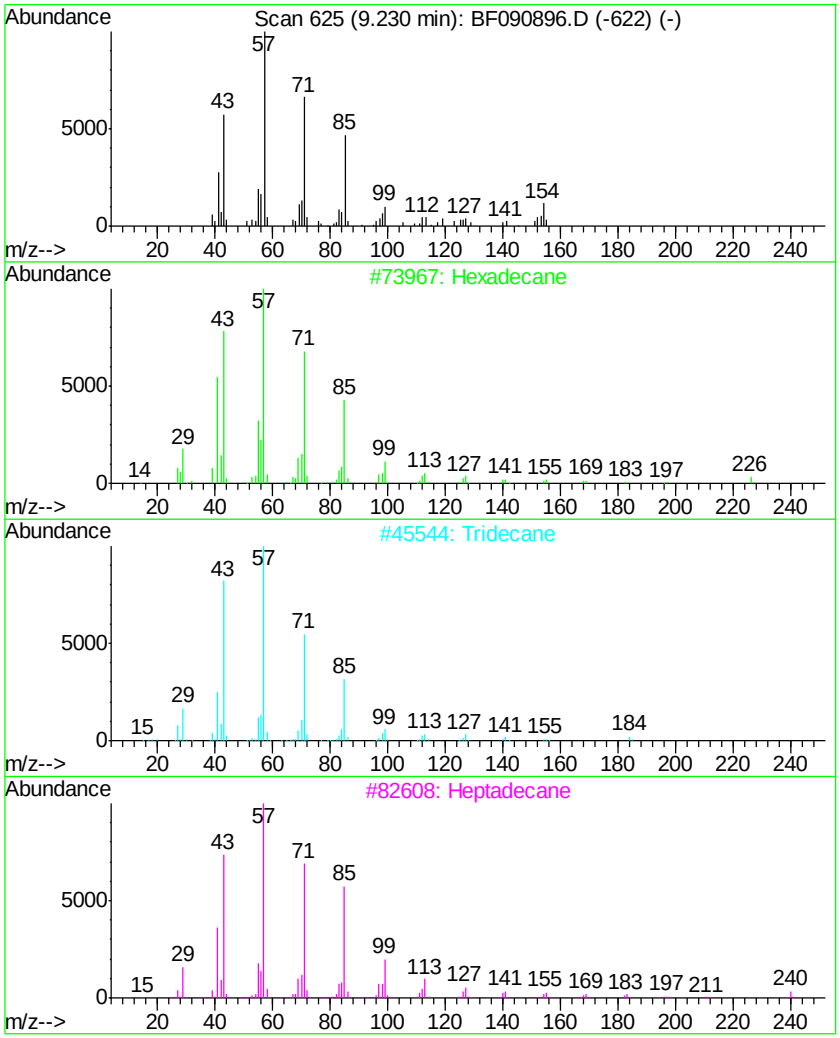
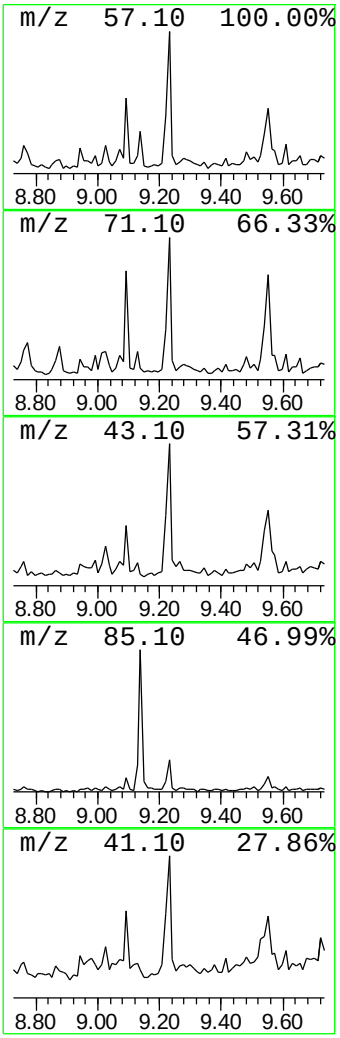
Peak Number 8 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.23	4.60 ng	109414	Acenaphthene-d10	9.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	72
2	Tridecane	184	C13H28	000629-50-5	72
3	Heptadecane	240	C17H36	000629-78-7	72
4	Tetradecane	198	C14H30	000629-59-4	72
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	72





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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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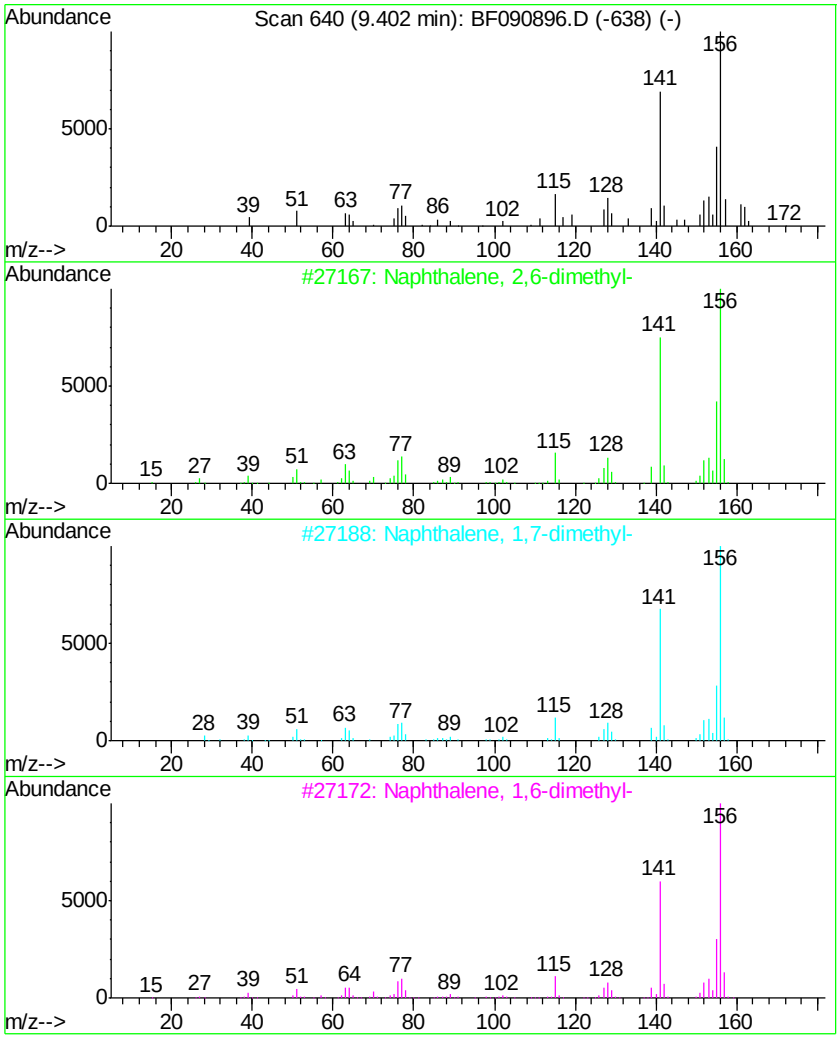
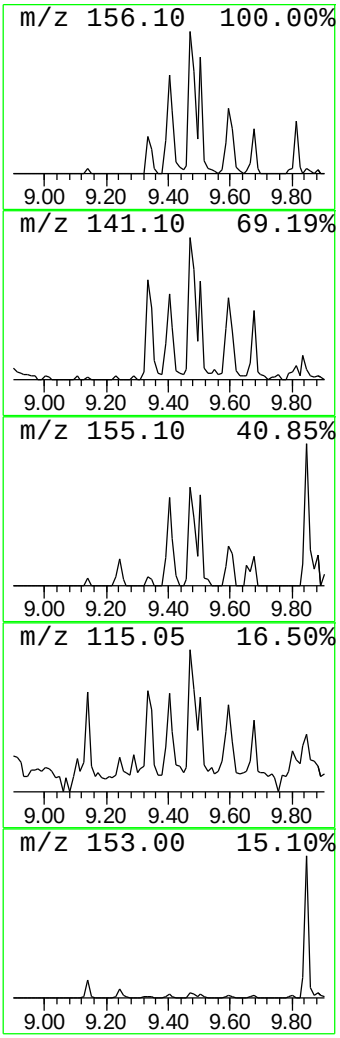
Peak Number 9 Naphthalene, 2,6-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.40	3.15 ng	74841	Acenaphthene-d10	9.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





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ClientSampleId : SB-03-3.5-4.0

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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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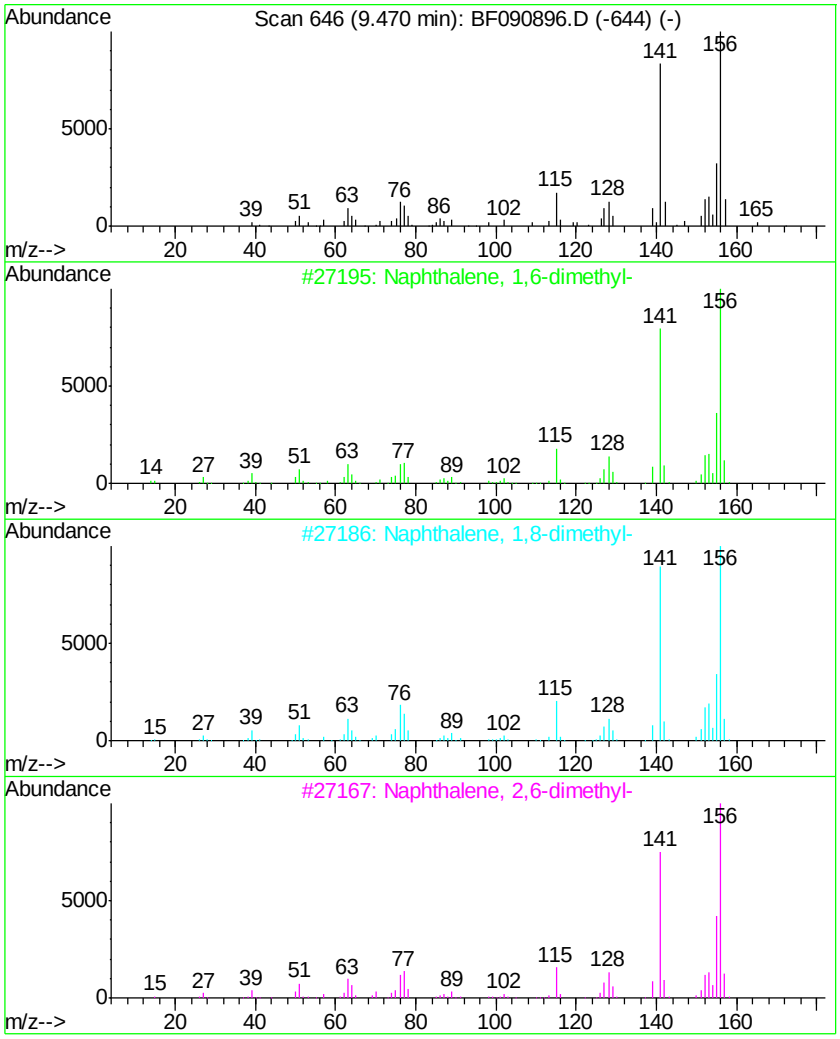
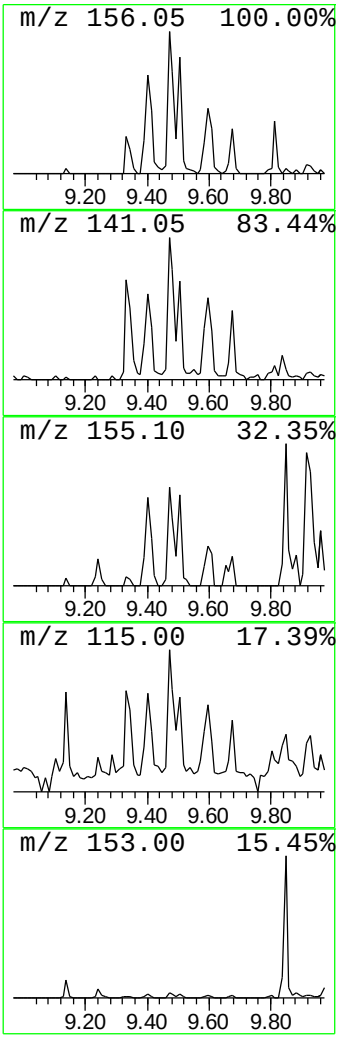
Peak Number 10 Naphthalene, 1,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.47	4.36 ng	103604	Acenaphthene-d10	9.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	98
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	98
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98





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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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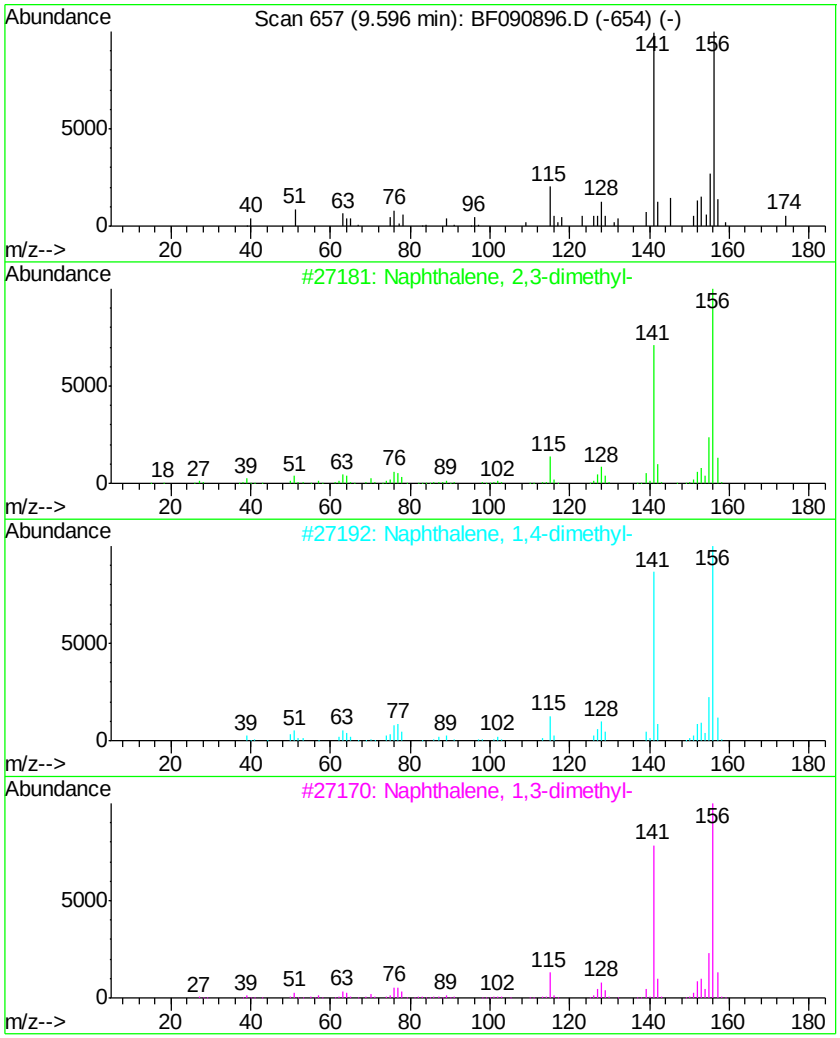
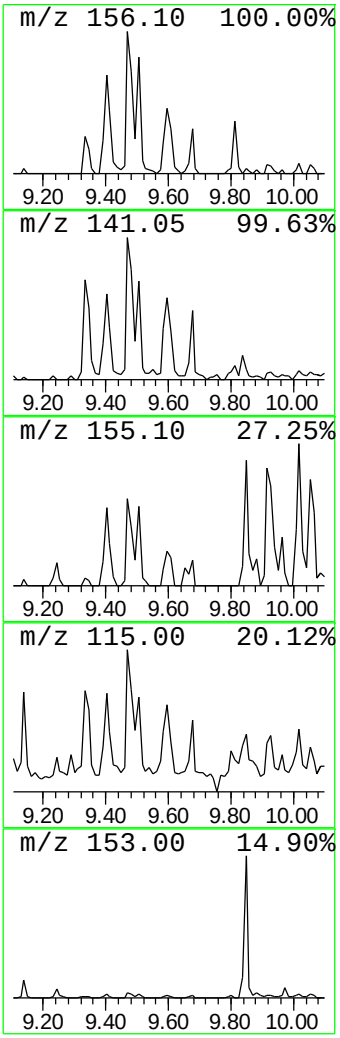
Peak Number 11 Naphthalene, 2,3-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.60	3.15 ng	74962	Acenaphthene-d10	9.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	93
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	92





Library Search Compound Report

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Sample : H5411-07 2X
Misc :
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ClientSampleId : SB-03-3.5-4.0

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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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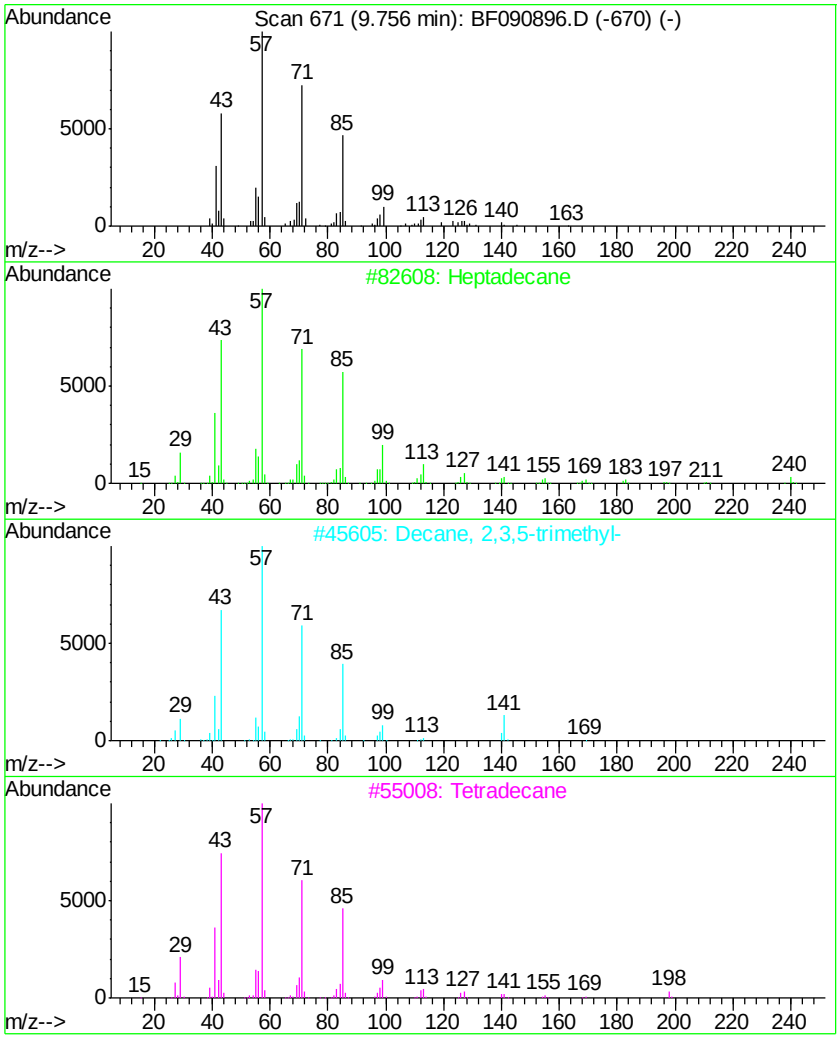
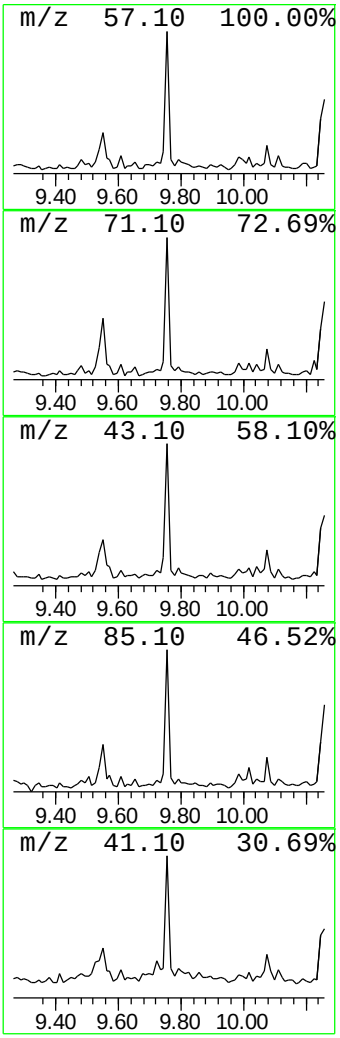
Peak Number 12 Heptadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.76	3.34 ng	79257	Acenaphthene-d10	9.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	90
2	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
3	Tetradecane	198	C14H30	000629-59-4	86
4	Decane, 2,4,6-trimethyl-	184	C13H28	062108-27-4	86
5	Tridecane	184	C13H28	000629-50-5	83





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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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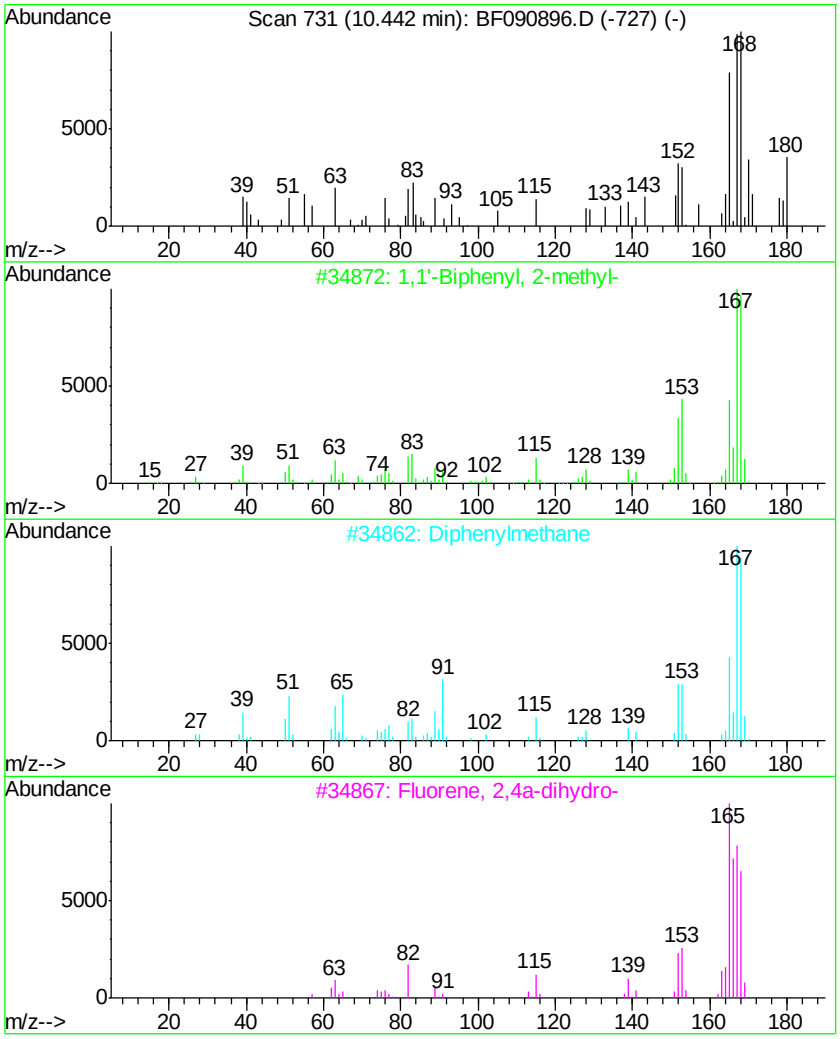
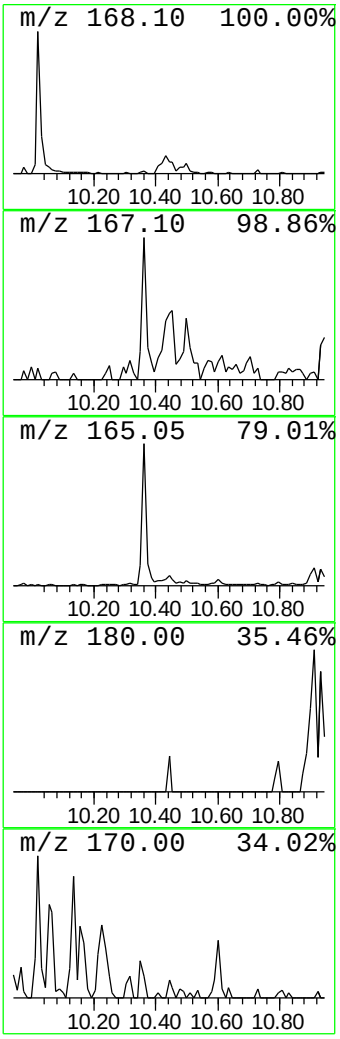
Peak Number 14 1,1'-Biphenyl, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.44	2.86 ng	68065	Acenaphthene-d10	9.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	55
2	Diphenylmethane	168	C13H12	000101-81-5	55
3	Fluorene, 2,4a-dihydro-	168	C13H12	059247-36-8	55
4	Fluorene, 1,4-dihydro-	168	C13H12	041593-21-9	49
5	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	49





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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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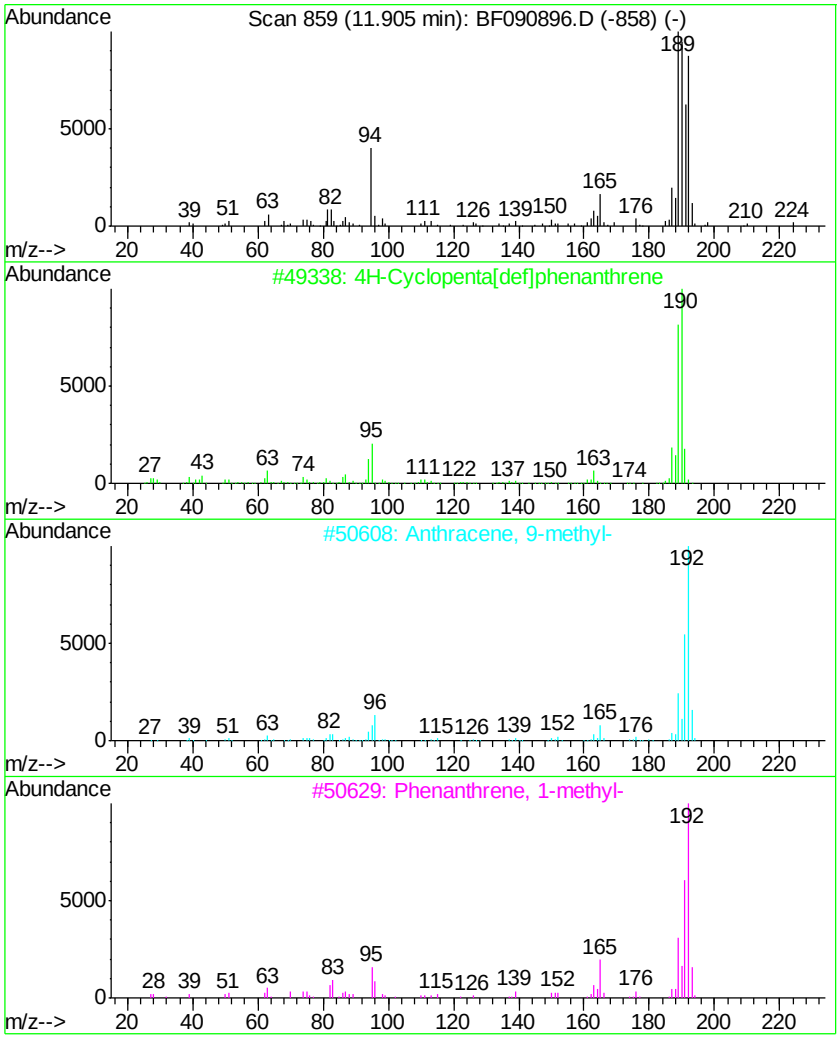
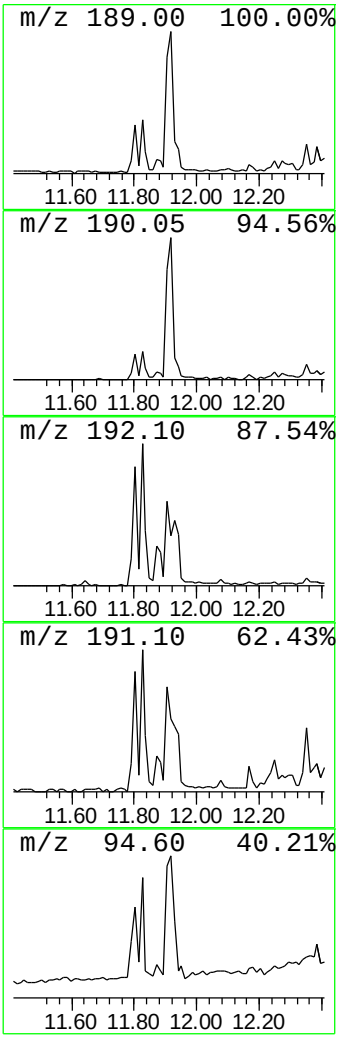
Peak Number 15 4H-Cyclopenta[def]phenanthrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.91	4.26 ng	252545	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	50
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	42
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	42
4	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	38
5	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	38





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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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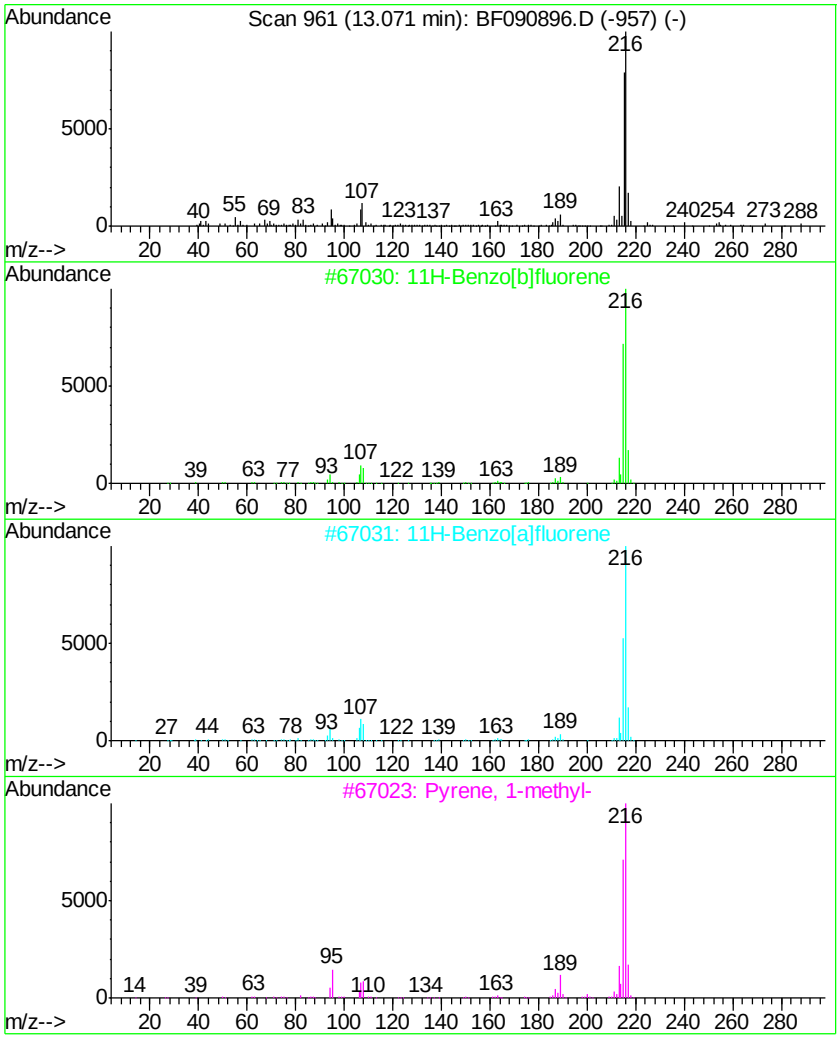
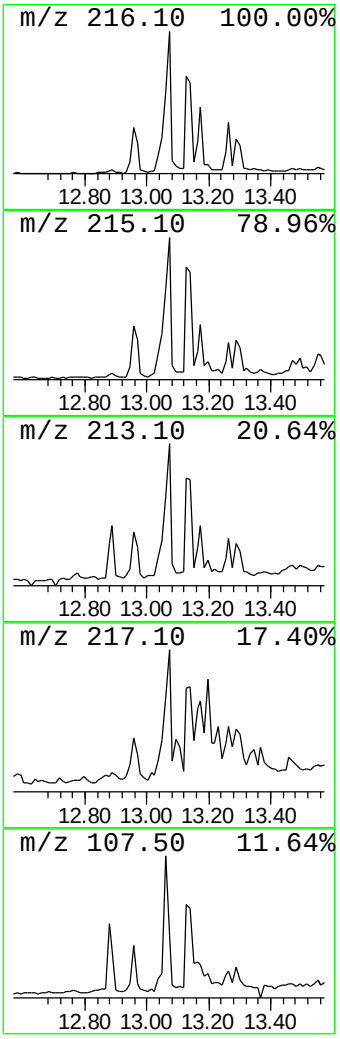
Peak Number 16 11H-Benzo[b]fluorene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.07	3.38 ng	271988	Chrysene-d12	13.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	87





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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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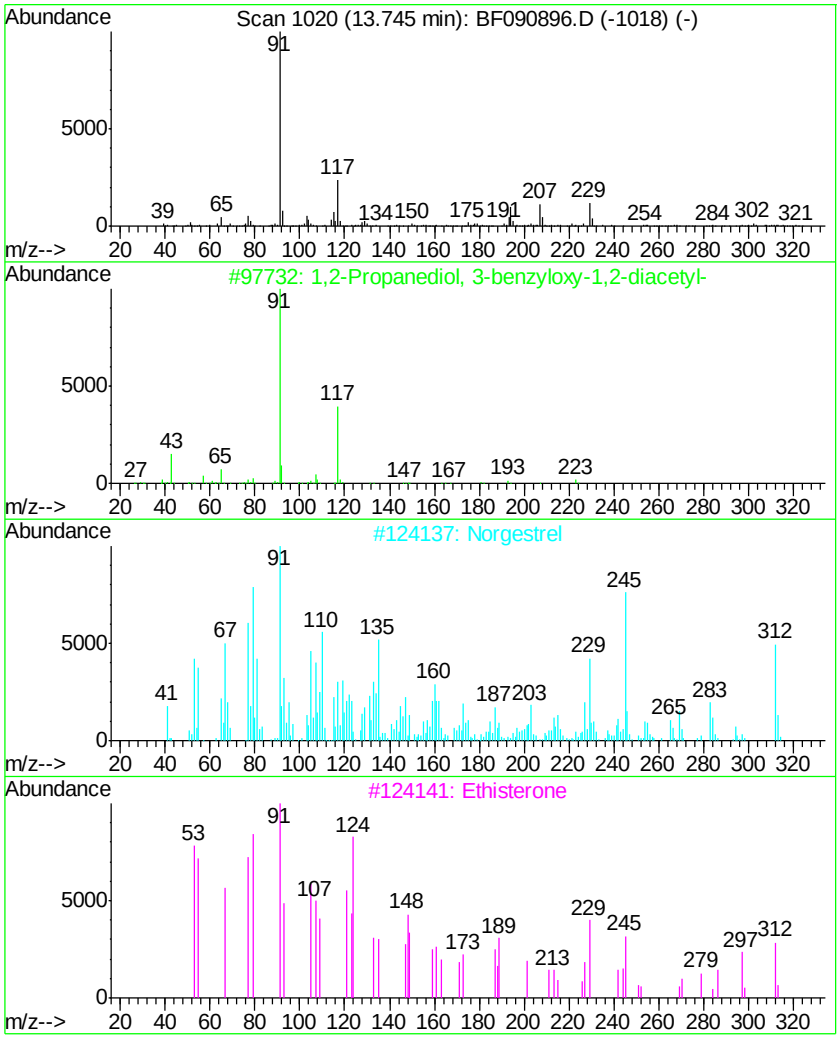
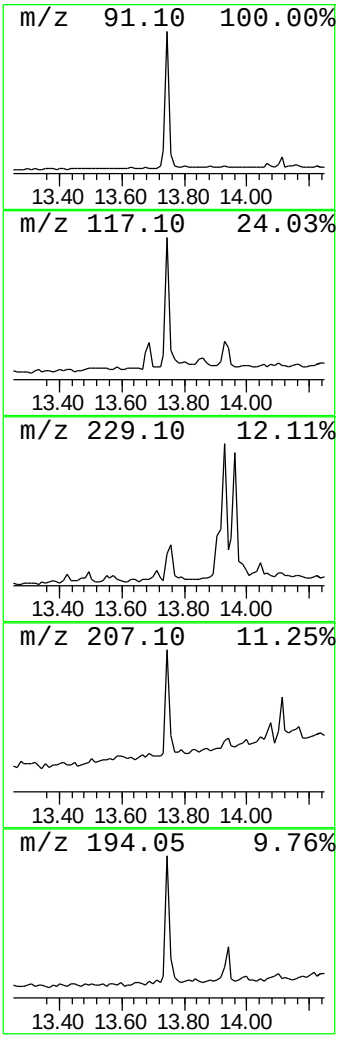
Peak Number 17 unknown13.75 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.75	3.33 ng	268496	Chrysene-d12	13.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Propanediol, 3-benzyloxy-1,2...	266	C14H18O5	013754-10-4	25
2	Norgestrel	312	C21H28O2	006533-00-2	11
3	Ethisterone	312	C21H28O2	000434-03-7	11
4	Benzylidene-l-ornithine	220	C12H16N2O2	025693-00-9	10
5	Alpha-phenyl-alpha-tropylacetald...	378	C22H22N2O2S	022532-16-7	10





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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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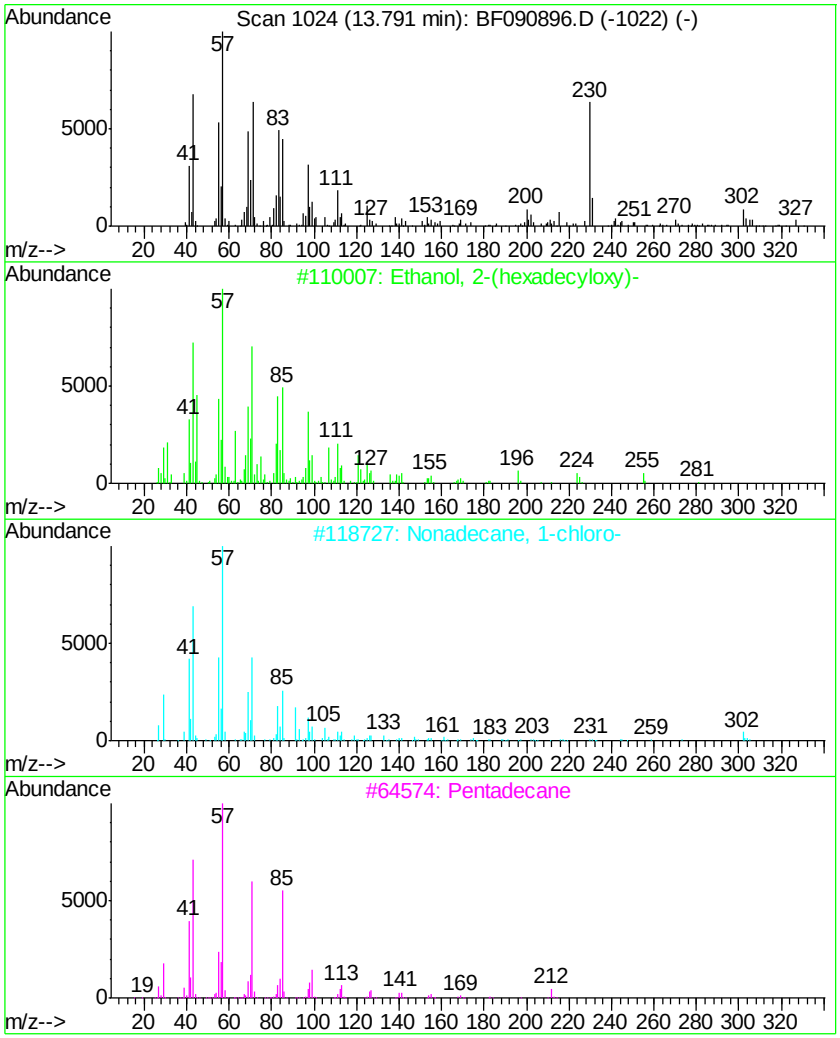
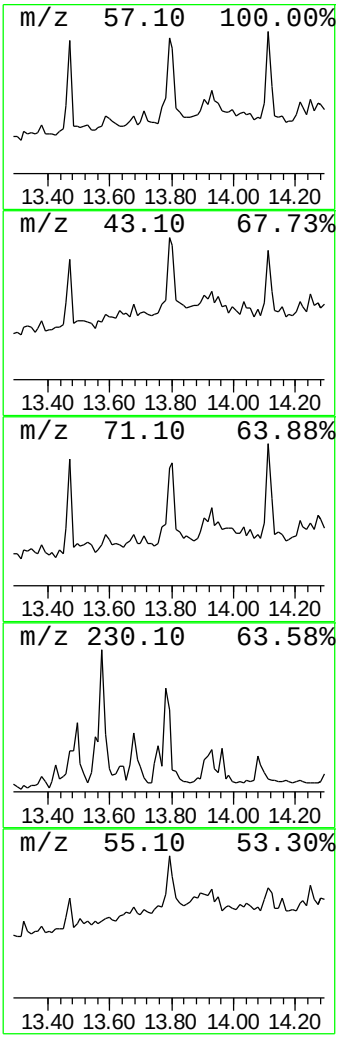
Peak Number 18 Ethanol, 2-(hexadecyloxy)- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	3.03 ng	243784	Chrysene-d12	13.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(hexadecyloxy)-	286	C18H38O2	002136-71-2	62
2	Nonadecane, 1-chloro-	302	C19H39Cl	062016-76-6	60
3	Pentadecane	212	C15H32	000629-62-9	51
4	Ethanol, 2-(octadecyloxy)-	314	C20H42O2	002136-72-3	49
5	Cyclopentane, (4-octyldodecyl)-	350	C25H50	005638-09-5	46





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

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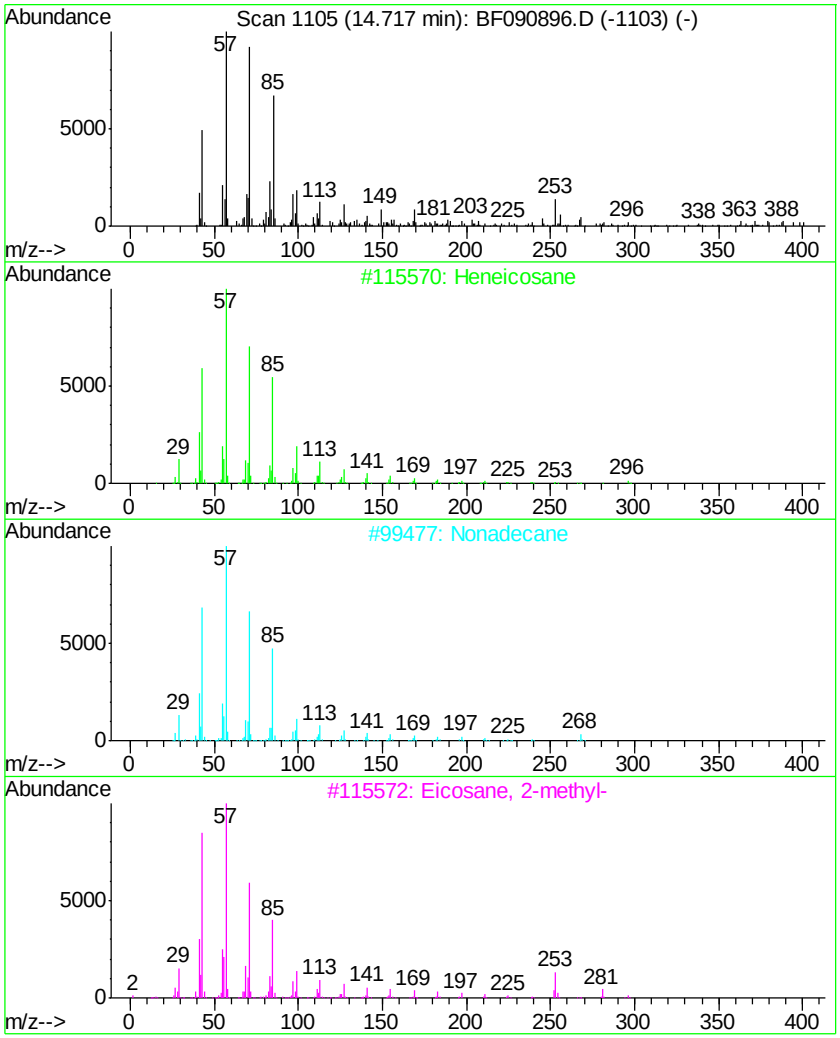
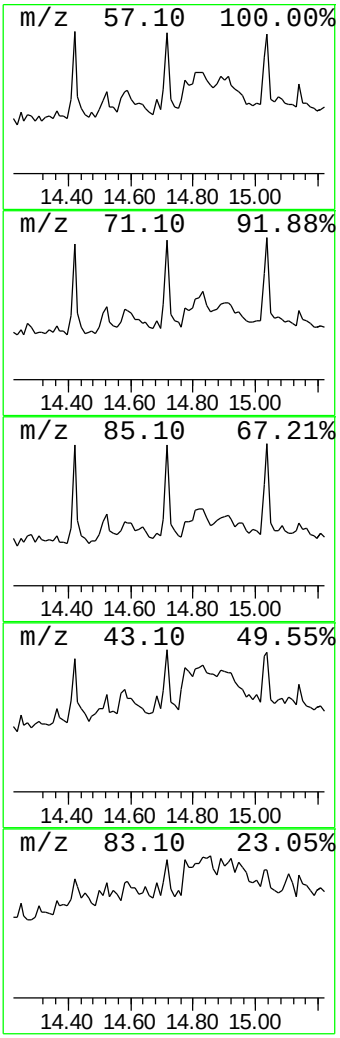
Peak Number 19 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.72	13.32 ng	228878	Perylene-d12	15.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	99
2	Nonadecane	268	C19H40	000629-92-5	96
3	Eicosane, 2-methyl-	296	C21H44	001560-84-5	91
4	Eicosane	282	C20H42	000112-95-8	91
5	Heptacosane	380	C27H56	000593-49-7	83





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

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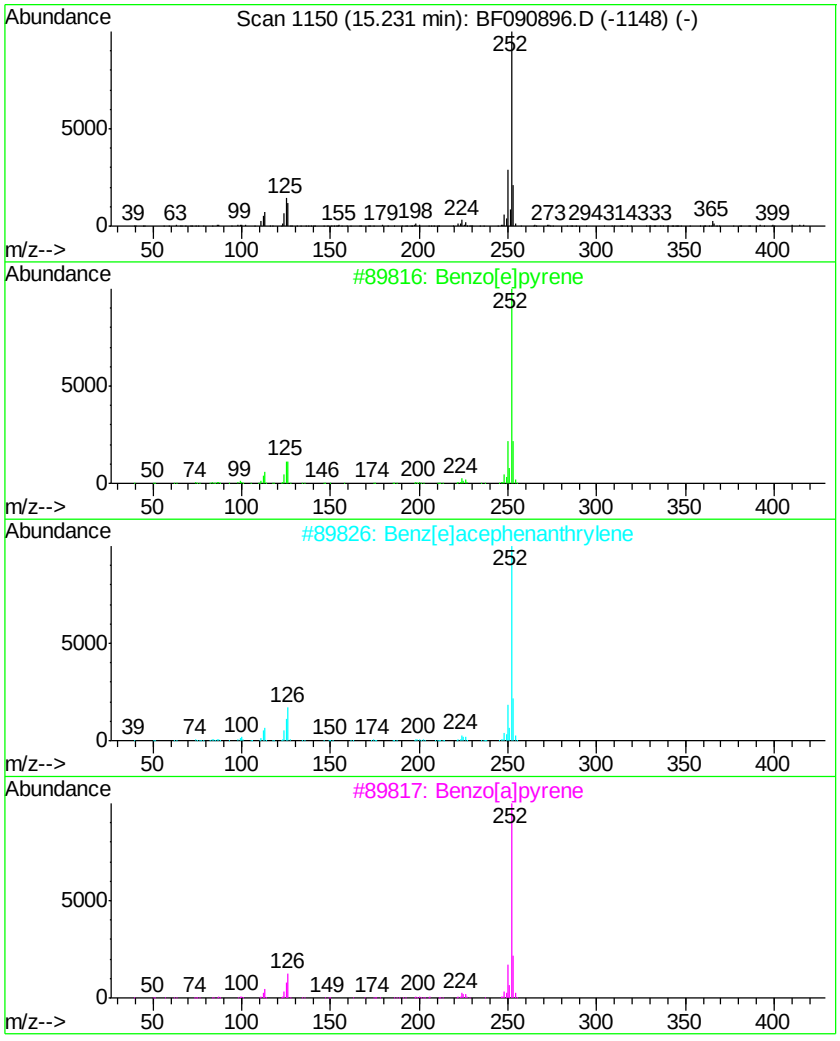
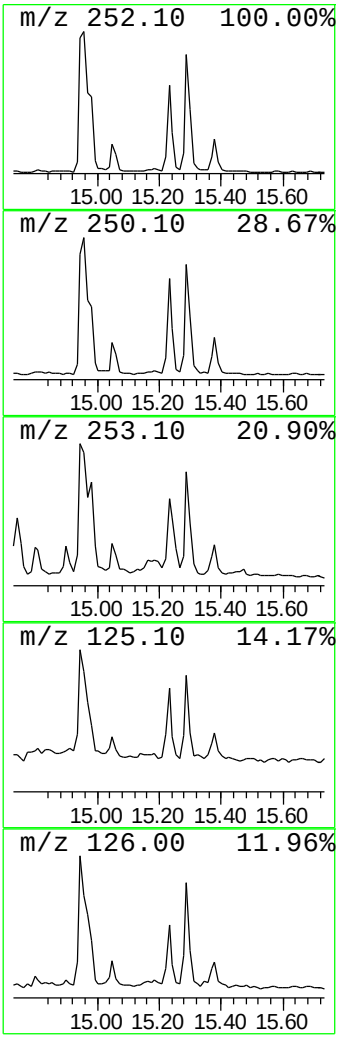
Peak Number 20 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.23	14.91 ng	256165	Perylene-d12	15.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	94
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
3	Benzo[a]pyrene	252	C20H12	000050-32-8	91
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102716\
Data File : BF090896.D
Acq On : 28 Oct 2016 4:46
Operator : UM/SJ
Sample : H5411-07 2X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-03-3.5-4.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.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...	4.92	20.6	ng	359823	1	6.77	349885	20.0
unknown6.54	6.54	59.2	ng	1034880	1	6.77	349885	20.0
Undecane	6.61	3.8	ng	66415	1	6.77	349885	20.0
unknown7.06	7.06	2.6	ng	46335	1	6.77	349885	20.0
Naphthalene, 1-me...	8.88	3.6	ng	130433	2	8.06	722432	20.0
Hexadecane	9.23	4.6	ng	109414	3	9.81	475220	20.0
Naphthalene, 2,6-...	9.40	3.1	ng	74841	3	9.81	475220	20.0
Naphthalene, 1,6-...	9.47	4.4	ng	103604	3	9.81	475220	20.0
Naphthalene, 2,3-...	9.60	3.1	ng	74962	3	9.81	475220	20.0
Heptadecane	9.76	3.3	ng	79257	3	9.81	475220	20.0
1,1'-Biphenyl, 2-...	10.44	2.9	ng	68065	3	9.81	475220	20.0
4H-Cyclopenta[def...	11.91	4.3	ng	252545	4	11.30	1184300	20.0
11H-Benzo[b]fluorene	13.07	3.4	ng	271988	5	13.94	1610650	20.0
unknown13.75	13.75	3.3	ng	268496	5	13.94	1610650	20.0
Ethanol, 2-(hexad...	13.79	3.0	ng	243784	5	13.94	1610650	20.0
Heneicosane	14.72	13.3	ng	228878	6	15.35	343723	20.0
Benzo[e]pyrene	15.23	14.9	ng	256165	6	15.35	343723	20.0