LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103116\
Data File : BF090939.D
Acq On : 31 Oct 2016 20:16
Operator : UM/SJ
Sample : H5463-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-5(0-2)

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	4.899	244	246	256	rVB	336406	576142	16.66%	1.538%
2	5.344	282	285	287	rBV	2862734	3033348	87.70%	8.097%
3	6.385	374	376	379	rBV	2003932	2844282	82.23%	7.592%
4	6.510	385	387	390	rBV	2771998	3058993	88.44%	8.165%
5	6.750	406	408	410	rBV	529186	693784	20.06%	1.852%
6	6.899	419	421	424	rBV	2345356	2153407	62.26%	5.748%
7	7.310	455	457	460	rBV	1674732	1711380	49.48%	4.568%
8	7.527	474	476	487	rVB2	12404	41906	1.21%	0.112%
9	8.030	518	520	530	rBV	1247443	1276134	36.90%	3.406%
10	8.842	589	591	595	rBV	41953	41135	1.19%	0.110%
11	9.116	612	615	617	rBV	2410914	3458742	100.00%	9.232%
12	9.196	620	622	627	rVB2	30653	44449	1.29%	0.119%
13	9.448	642	644	645	rBV	41196	47933	1.39%	0.128%
14	9.505	647	649	652	rVV	704783	596129	17.24%	1.591%
15	9.642	659	661	664	rBV	55433	51677	1.49%	0.138%
16	9.722	667	668	671	rVV	51552	53362	1.54%	0.142%
17	9.779	671	673	675	rVV	1243606	1303835	37.70%	3.480%
18	9.813	675	676	679	rVB	38209	37337	1.08%	0.100%
19	9.985	690	691	693	rBV	52459	56973	1.65%	0.152%
20	10.031	693	695	698	rVB2	21972	42960	1.24%	0.115%
21	10.225	710	712	714	rVB	138753	114774	3.32%	0.306%
22	10.328	720	721	724	rVB	66769	67399	1.95%	0.180%
23	10.442	728	731	734	rBV	52282	76183	2.20%	0.203%
24	10.488	734	735	737	rVB2	35200	39605	1.15%	0.106%
25	10.568	740	742	745	rBV2	1880421	2130794	61.61%	5.688%
26	10.694	751	753	757	rVB	156799	211419	6.11%	0.564%
27	10.888	767	770	775	rBV3	31725	81177	2.35%	0.217%
28	11.025	779	782	785	rVB3	26746	52209	1.51%	0.139%
29	11.071	785	786	788	rBV2	31753	35906	1.04%	0.096%
30	11.139	791	792	798	rVB2	76190	145101	4.20%	0.387%
31	11.265	801	803	804	rBV	1504022	1345908	38.91%	3.593%
32	11.345	807	810	811	rVB2	57014	87340	2.53%	0.233%
33	11.505	821	824	828	rBV3	30724	72636	2.10%	0.194%
34	11.574	828	830	831	rBV2	28441	39508	1.14%	0.105%

LSC Area Percent Report

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Sample : H5463-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

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

35	11.768	845	847	848	rBV	113656	113619	3.28%	0.303%
36	11.791	848	849	852	rVV	137088	145066	4.19%	0.387%
37	11.836	852	853	855	rVV	35588	47296	1.37%	0.126%
38	11.871	855	856	861	rVB	147370	255570	7.39%	0.682%
39	11.974	861	865	869	rBV3	29652	60487	1.75%	0.161%
40	12.065	871	873	878	rVB2	62106	113252	3.27%	0.302%
41	12.214	883	886	887	rBV2	32023	46503	1.34%	0.124%
42	12.237	887	888	893	rVB2	33796	70299	2.03%	0.188%
43	12.317	893	895	896	rBV	109630	114213	3.30%	0.305%
44	12.351	896	898	901	rVB3	54147	103192	2.98%	0.275%
45	12.397	901	902	906	rVB2	77610	99977	2.89%	0.267%
46	12.477	906	909	911	rBV	698444	746803	21.59%	1.993%
47	12.625	919	922	924	rBV2	26861	54463	1.57%	0.145%
48	12.705	926	929	930	rVV2	454502	699381	20.22%	1.867%
49	12.762	932	934	936	rVB2	62408	82279	2.38%	0.220%
50	12.819	936	939	940	rBV2	41379	70902	2.05%	0.189%
51	12.854	940	942	944	rVV	3668257	3452995	99.83%	9.217%
52	12.922	945	948	952	rVB4	79815	126943	3.67%	0.339%
53	13.037	954	958	962	rBV2	90986	253167	7.32%	0.676%
54	13.094	962	963	965	rBV	51527	47382	1.37%	0.126%
55	13.128	965	966	970	rVB	92334	122497	3.54%	0.327%
56	13.219	973	974	976	rVB	47167	55910	1.62%	0.149%
57	13.254	976	977	979	rBV	61051	63512	1.84%	0.170%
58	13.334	982	984	987	rVB3	34009	63861	1.85%	0.170%
59	13.437	987	993	996	rBV6	43125	140246	4.05%	0.374%
60	13.540	1000	1002	1006	rVB	63221	72214	2.09%	0.193%
61	13.642	1009	1011	1013	rBV	60076	104187	3.01%	0.278%
62	13.757	1019	1021	1025	rVB3	156111	255825	7.40%	0.683%
63	13.894	1030	1033	1040	rBV	1029561	1583690	45.79%	4.227%
64	13.997	1040	1042	1044	rVB2	24053	37842	1.09%	0.101%
65	14.282	1063	1067	1069	rBV	74317	116443	3.37%	0.311%
66	14.317	1069	1070	1072	rVB	43244	41174	1.19%	0.110%
67	14.385	1073	1076	1077	rBV2	29633	42919	1.24%	0.115%
68	14.660	1098	1100	1102	rBV2	32345	46134	1.33%	0.123%
69	14.740	1105	1107	1112	rBV3	57348	110528	3.20%	0.295%
70	14.900	1119	1121	1126	rBV	218993	480344	13.89%	1.282%
71	15.003	1128	1130	1136	rVB	61176	81985	2.37%	0.219%

LSC Area Percent Report

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Instrument : BNA_F
ClientSampleId : SB-5(0-2)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	15.185	1143	1146	1148	rBV	100920	156653	4.53%	0.418%
73	15.243	1148	1151	1153	rBV	159115	222110	6.42%	0.593%
74	15.300	1153	1156	1158	rBV	629493	825548	23.87%	2.204%
75	16.328	1244	1246	1252	rVB5	24261	69333	2.00%	0.185%
76	16.626	1269	1272	1278	rVB2	91018	173753	5.02%	0.464%
77	16.786	1284	1286	1289	rBV	21029	47747	1.38%	0.127%
78	17.026	1303	1307	1314	rVB	74713	162091	4.69%	0.433%
79	17.243	1323	1326	1333	rVB2	19212	60042	1.74%	0.160%

Sum of corrected areas: 37464244

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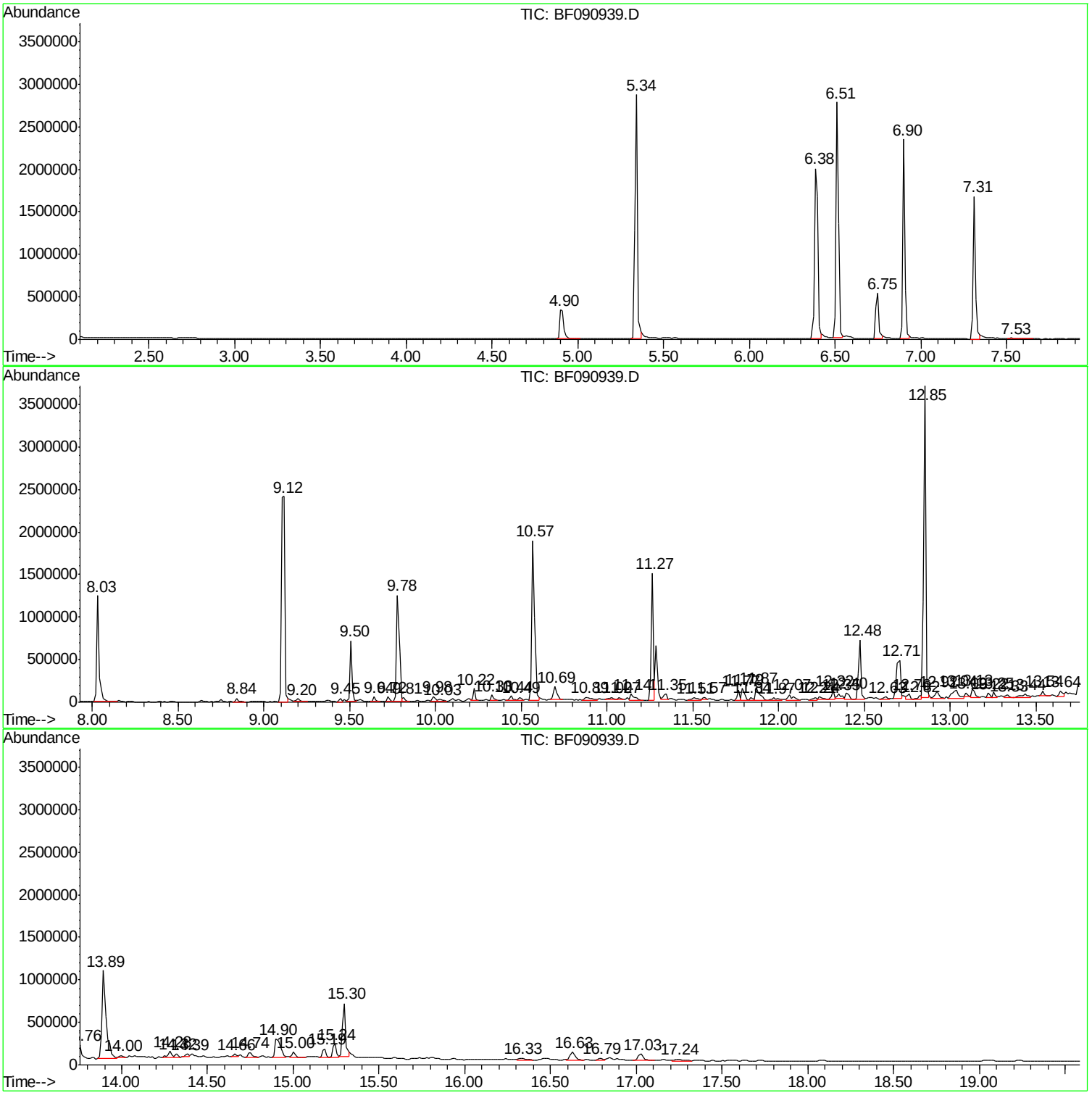
Instrument :
BNA_F
ClientSampleId :
SB-5(0-2)

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\BF103116\
Data File : BF090939.D
Acq On : 31 Oct 2016 20:16
Operator : UM/SJ
Sample : H5463-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-5(0-2)

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

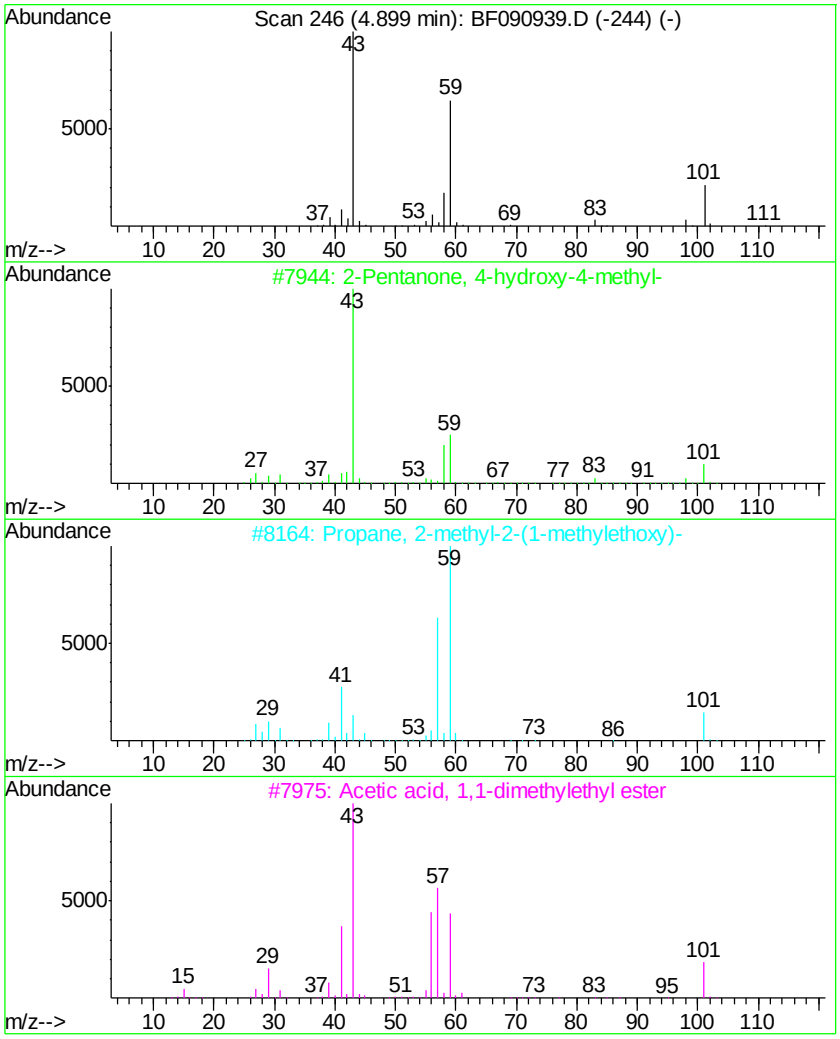
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

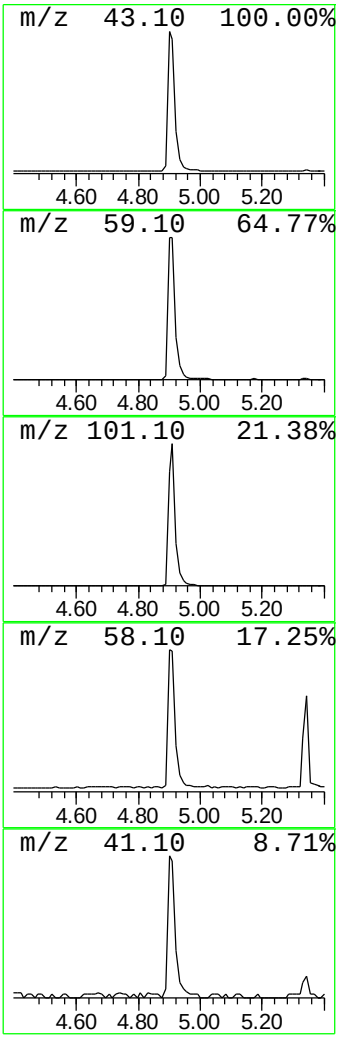
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.90	16.61 ng	576142	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	42
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103116\
Data File : BF090939.D
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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
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TIC Library : C:\DATABASE\NIST02.L
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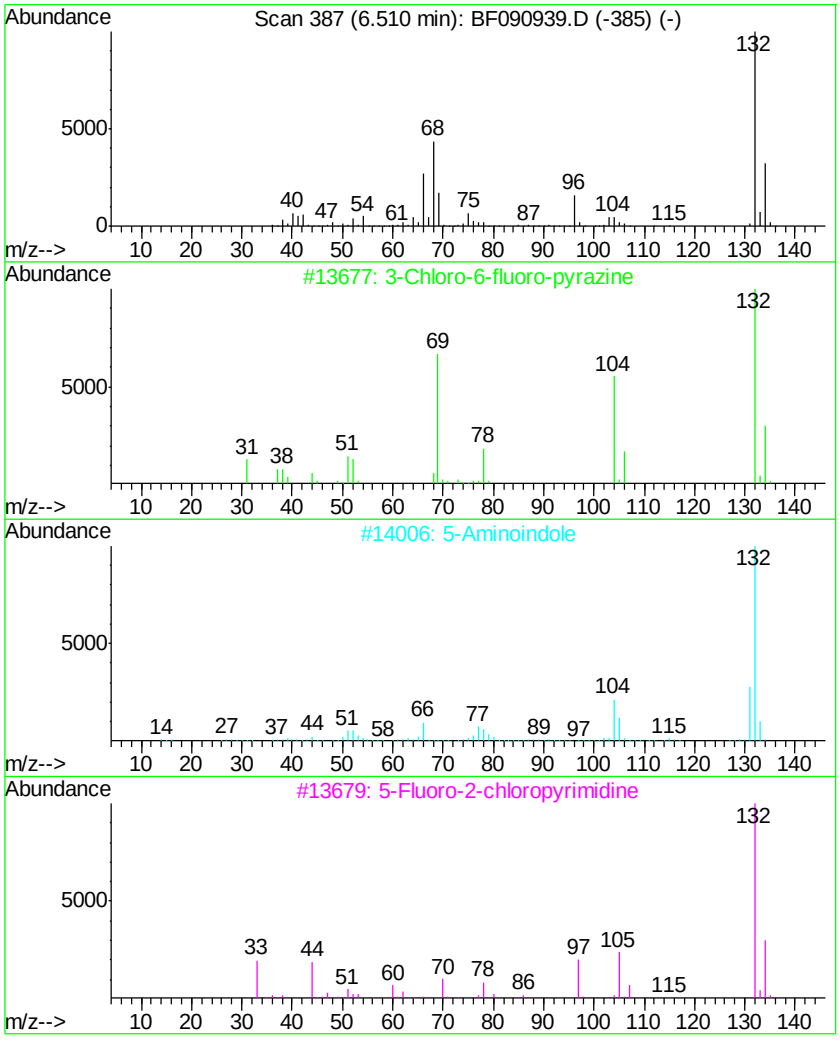
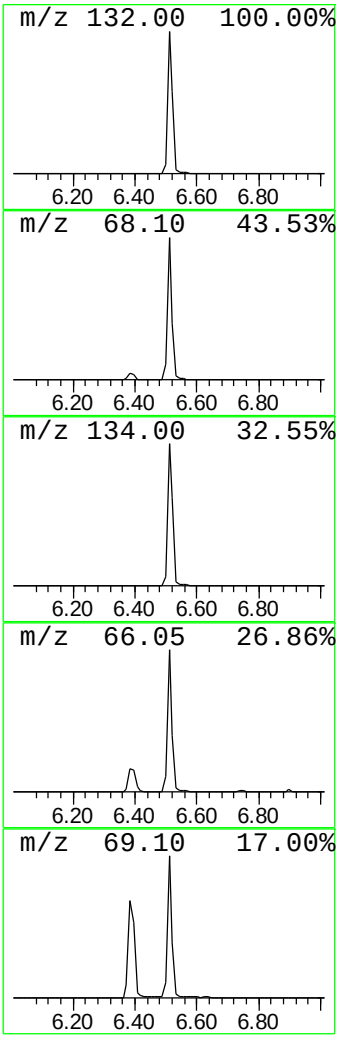
****

Peak Number 2 unknown6.51 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.51	88.18 ng	3058990	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
4	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103116\
Data File : BF090939.D
Acq On : 31 Oct 2016 20:16
Operator : UM/SJ
Sample : H5463-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-5(0-2)

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

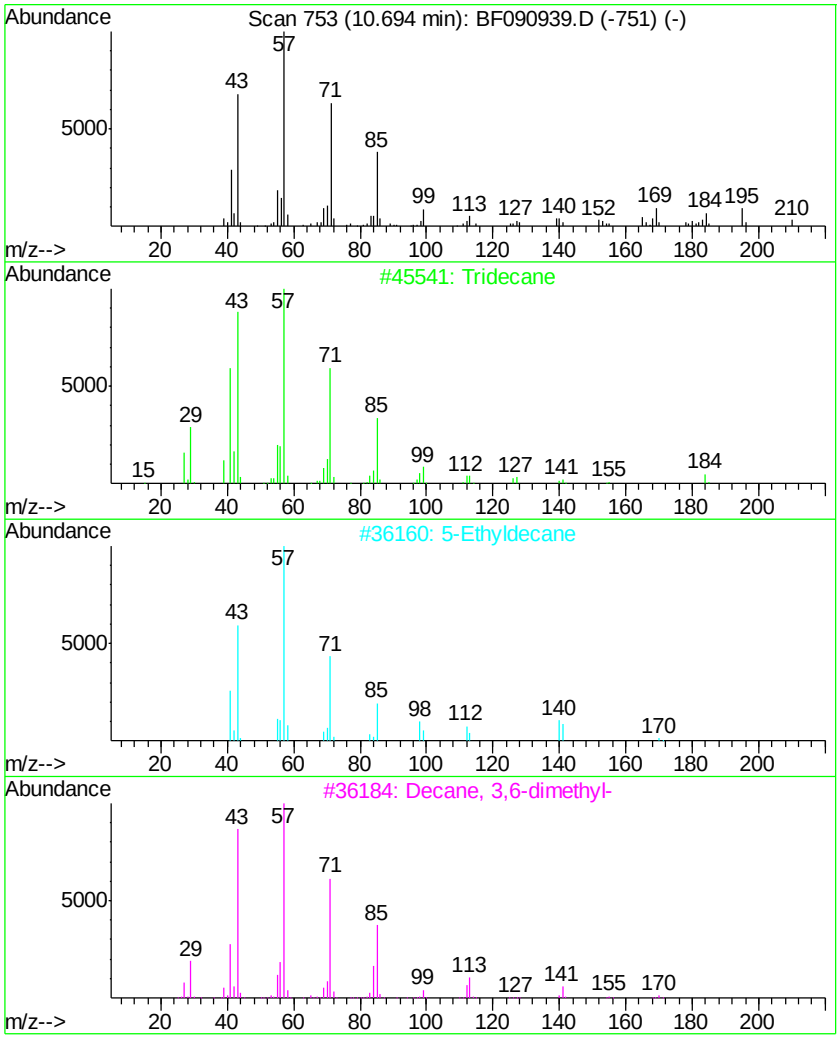
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

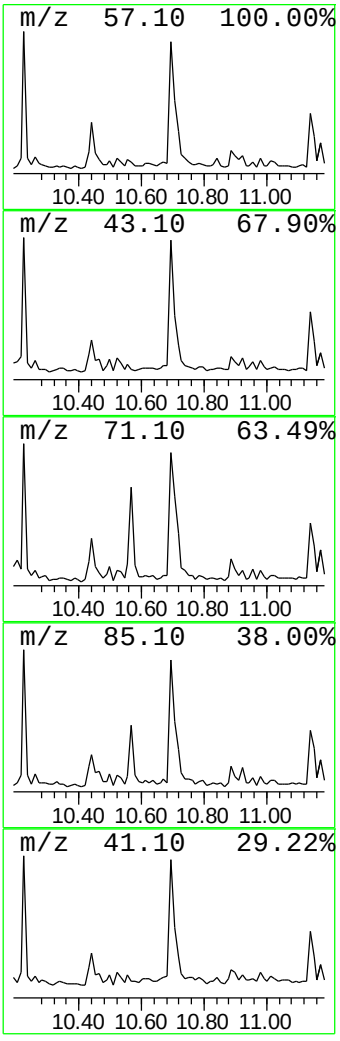
****

Peak Number 4 Tridecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.69	3.14 ng	211419	Phenanthrene-d10	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	86
2	5-Ethyldecane	170	C12H26	017302-36-2	58
3	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	58
4	Heptacosane	380	C27H56	000593-49-7	53
5	Eicosane	282	C20H42	000112-95-8	52





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Sample : H5463-10
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Instrument : BNA_F
ClientSampleId : SB-5(0-2)

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

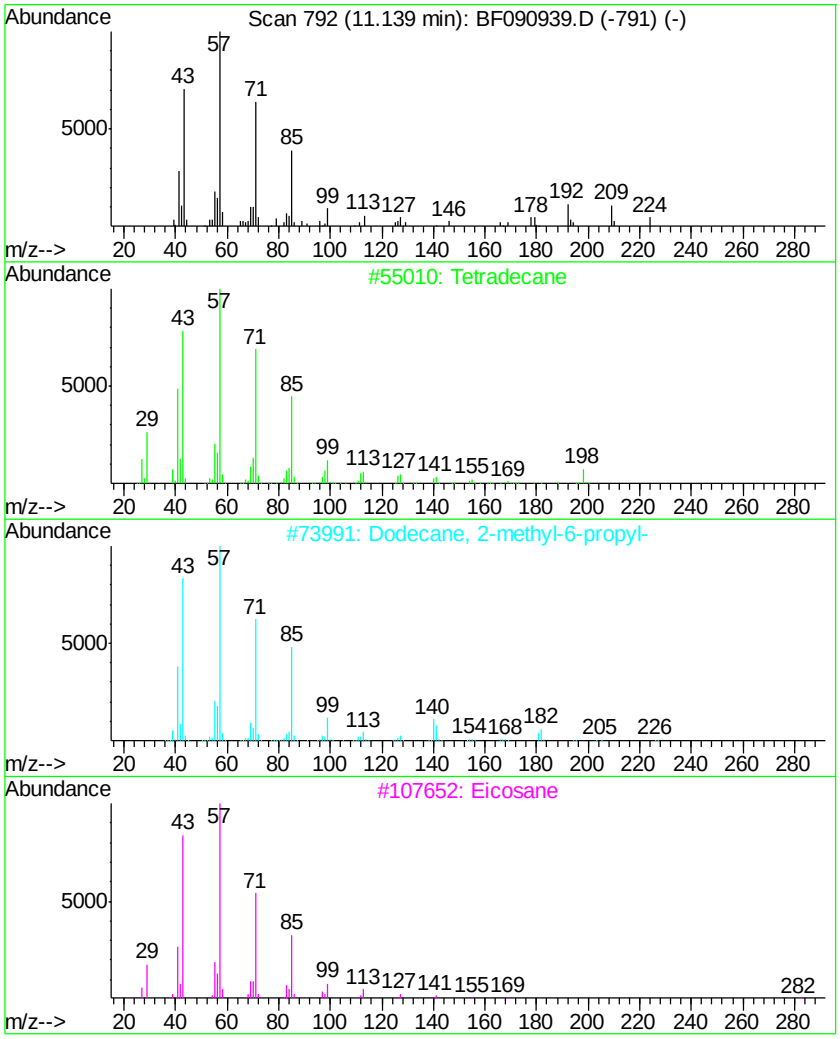
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

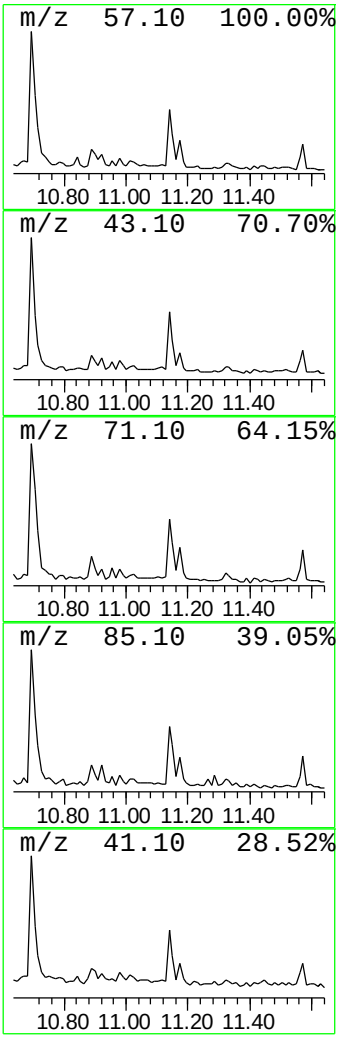
****

Peak Number 5 Tetradecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.14	2.16 ng	145101	Phenanthrene-d10	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	64
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	64
3	Eicosane	282	C20H42	000112-95-8	64
4	Pentadecane	212	C15H32	000629-62-9	64
5	Heptacosane	380	C27H56	000593-49-7	64





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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-5(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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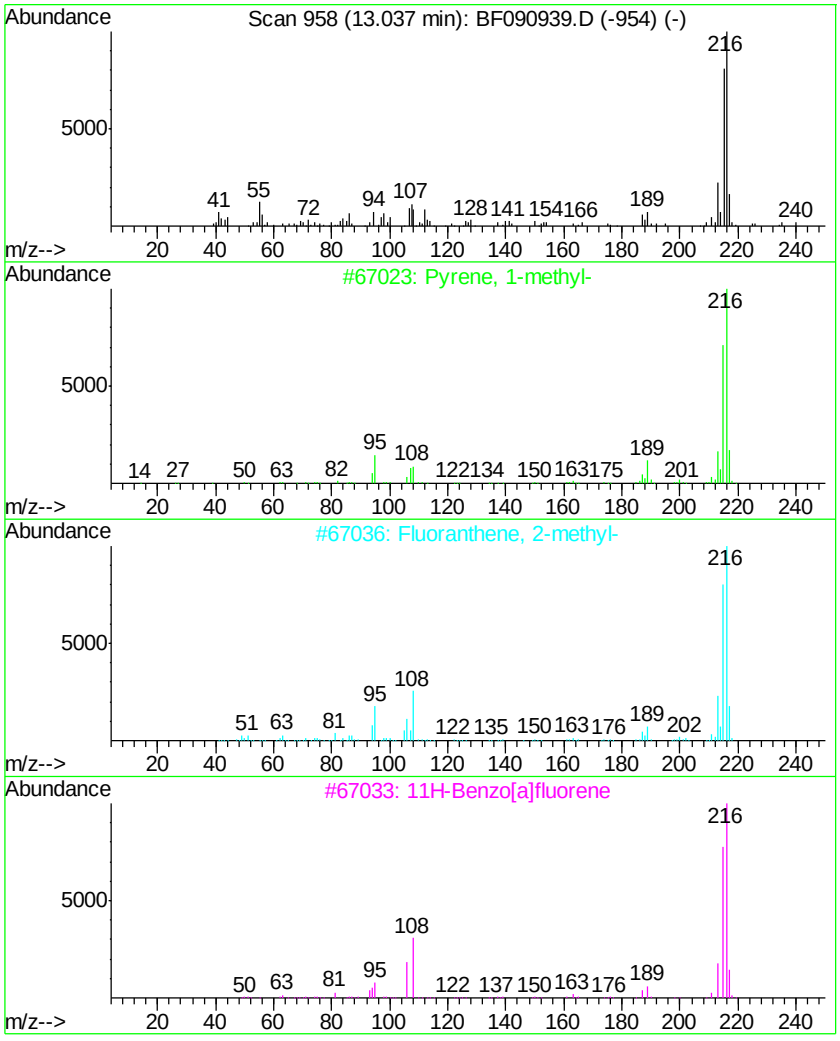
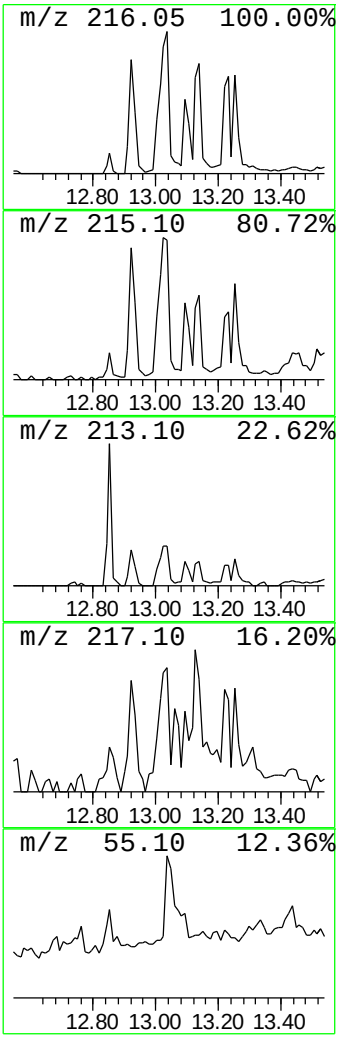
Peak Number 6 Pyrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.04	3.20 ng	253167	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	83





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Operator : UM/SJ
Sample : H5463-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-5(0-2)

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

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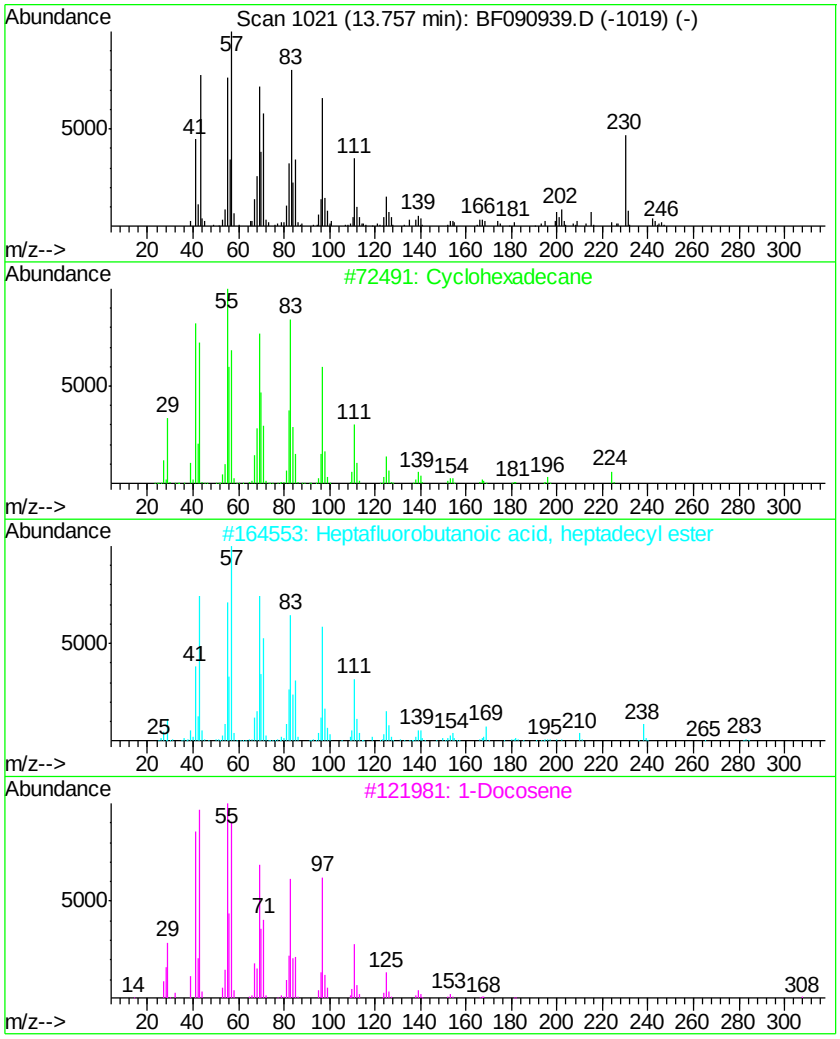
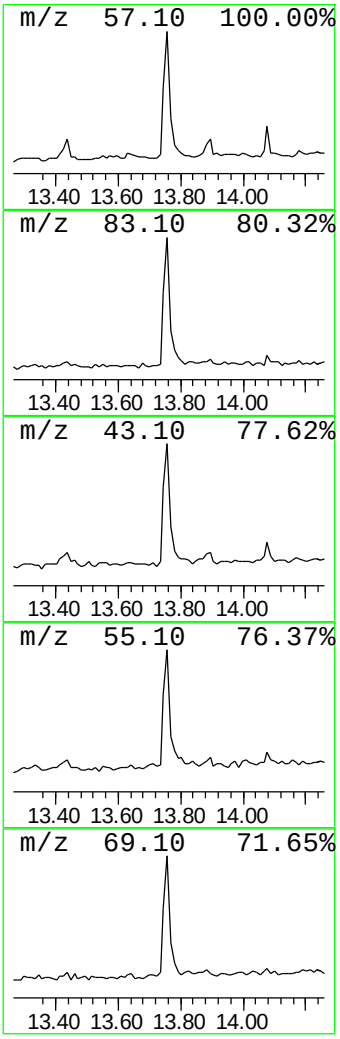
Peak Number 7 Cyclohexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	3.23 ng	255825	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	98
2	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	91
3	1-Docosene	308	C22H44	001599-67-3	87
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	87
5	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	87





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

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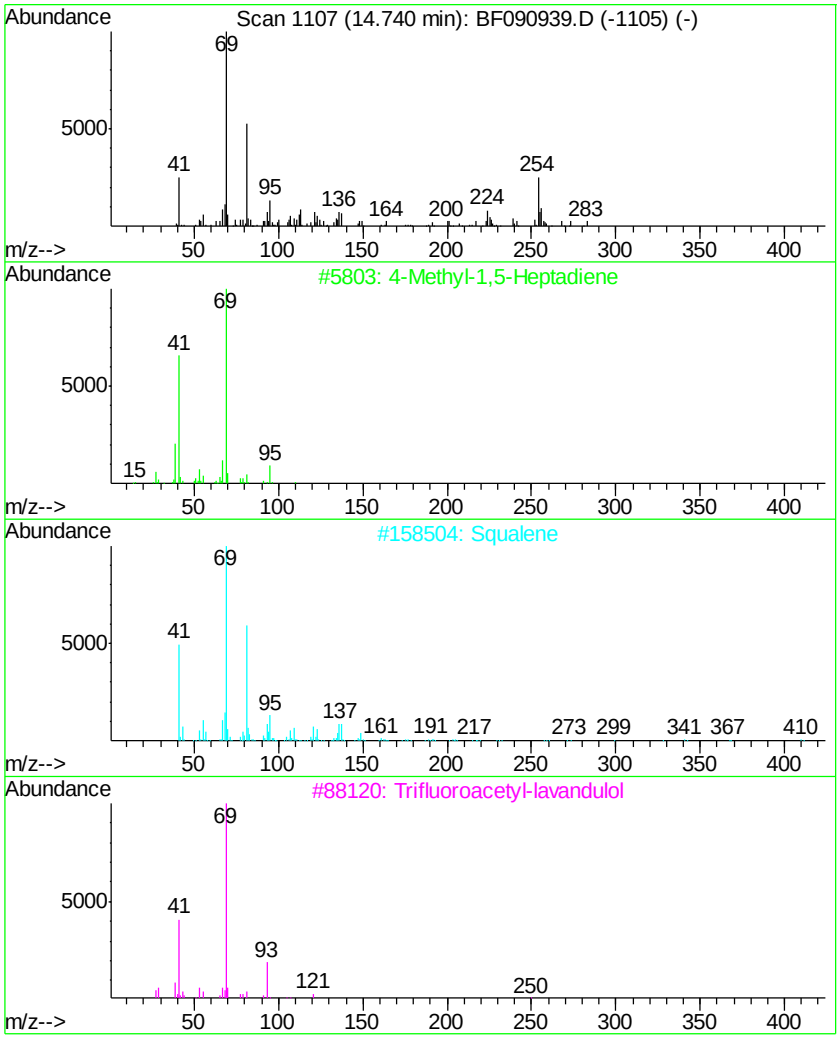
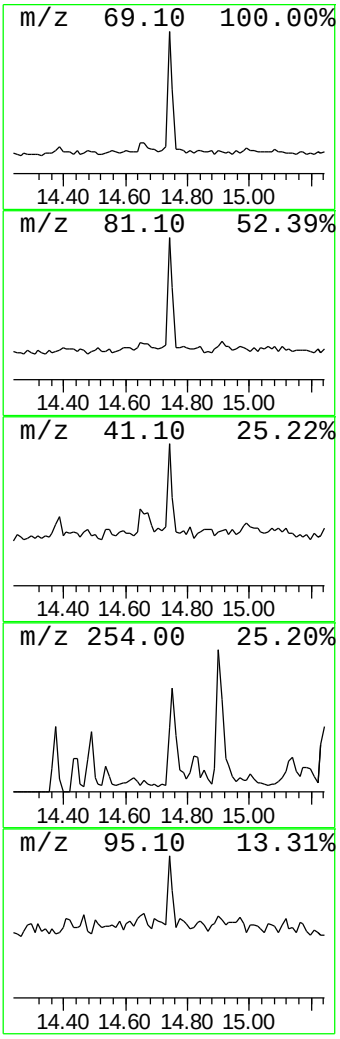
Peak Number 8 4-Methyl-1,5-Heptadiene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.74	2.68 ng	110528	Perylene-d12	15.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methyl-1,5-Heptadiene	110	C8H14	000998-94-7	50
2	Squalene	410	C30H50	007683-64-9	50
3	Trifluoroacetyl-lavandulol	250	C12H17F3O2	028673-24-7	43
4	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	40
5	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	004602-84-0	40





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103116\
Data File : BF090939.D
Acq On : 31 Oct 2016 20:16
Operator : UM/SJ
Sample : H5463-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-5(0-2)

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...	4.90	16.6	ng	576142	1	6.75	693784	20.0
unknown6.51	6.51	88.2	ng	3058990	1	6.75	693784	20.0
Tridecane	10.69	3.1	ng	211419	4	11.27	1345910	20.0
Tetradecane	11.14	2.2	ng	145101	4	11.27	1345910	20.0
Pyrene, 1-methyl-	13.04	3.2	ng	253167	5	13.89	1583690	20.0
Cyclohexadecane	13.76	3.2	ng	255825	5	13.89	1583690	20.0
4-Methyl-1,5-Hept...	14.74	2.7	ng	110528	6	15.30	825548	20.0