LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021717\
Data File : BF093021.D
Acq On : 17 Feb 2017 20:09
Operator : SJ/MA
Sample : I1878-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1-5

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-BF013017.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	5.024	254	257	267	rBV	1166416	1677824	38.34%	2.843%
2	5.401	288	290	292	rBV2	86245	137060	3.13%	0.232%
3	5.458	292	295	297	rVB	2780664	3677174	84.03%	6.231%
4	5.676	312	314	318	rVB3	53309	72338	1.65%	0.123%
5	5.904	331	334	339	rBV4	23895	65731	1.50%	0.111%
6	5.984	339	341	344	rVB2	63735	102112	2.33%	0.173%
7	6.087	348	350	353	rVB2	140014	162268	3.71%	0.275%
8	6.281	364	367	368	rBV	90551	107802	2.46%	0.183%
9	6.373	371	375	376	rVV	152607	179424	4.10%	0.304%
10	6.396	376	377	380	rVV2	88301	115897	2.65%	0.196%
11	6.441	380	381	383	rVV2	36720	70991	1.62%	0.120%
12	6.499	383	386	389	rVV2	3525003	4375916	100.00%	7.415%
13	6.590	391	394	395	rVV2	86900	189800	4.34%	0.322%
14	6.624	395	397	399	rVV	3973606	3778823	86.36%	6.403%
15	6.681	399	402	405	rVV4	154024	289071	6.61%	0.490%
16	6.819	408	414	415	rVV4	47322	149914	3.43%	0.254%
17	6.853	415	417	420	rVV	1239383	1174556	26.84%	1.990%
18	6.933	420	424	426	rVV	460876	594607	13.59%	1.008%
19	6.967	426	427	428	rVV	87498	79772	1.82%	0.135%
20	7.013	428	431	432	rVV	2870649	3077656	70.33%	5.215%
21	7.036	432	433	434	rVV	142817	100718	2.30%	0.171%
22	7.127	438	441	443	rVB3	76891	144599	3.30%	0.245%
23	7.173	443	445	446	rBV2	62720	70419	1.61%	0.119%
24	7.242	450	451	453	rVV2	84019	117363	2.68%	0.199%
25	7.424	464	467	468	rVB	2339085	2476195	56.59%	4.196%
26	7.459	468	470	471	rVB	98232	124255	2.84%	0.211%
27	7.504	471	474	476	rBV3	75751	112063	2.56%	0.190%
28	7.630	482	485	486	rBV3	53476	106834	2.44%	0.181%
29	7.653	486	487	489	rVB2	56547	71375	1.63%	0.121%
30	7.779	493	498	500	rBV4	59724	187103	4.28%	0.317%
31	7.882	503	507	512	rBV3	326294	397319	9.08%	0.673%
32	8.099	523	526	527	rBV3	57047	120793	2.76%	0.205%
33	8.133	527	529	533	rVV2	999743	2044239	46.72%	3.464%
34	8.430	551	555	557	rBV4	93333	144132	3.29%	0.244%

LSC Area Percent Report

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Data File : BF093021.D
Acq On : 17 Feb 2017 20:09
Operator : SJ/MA
Sample : I1878-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1-5

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-BF013017.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.487	557	560	562	rBV3	49172	84705	1.94%	0.144%
36	8.556	564	566	571	rVB2	124896	263051	6.01%	0.446%
37	8.705	575	579	580	rBV4	31039	87014	1.99%	0.147%
38	8.727	580	581	583	rVB2	94463	80873	1.85%	0.137%
39	8.853	591	592	593	rVB	112745	77343	1.77%	0.131%
40	8.910	596	597	599	rBV2	47578	70797	1.62%	0.120%
41	8.945	599	600	602	rVB	70566	69139	1.58%	0.117%
42	9.047	607	609	611	rVV3	90671	110260	2.52%	0.187%
43	9.162	617	619	621	rVV	175721	176199	4.03%	0.299%
44	9.219	621	624	626	rVV	3911744	4062188	92.83%	6.883%
45	9.299	628	631	635	rVV2	113489	246376	5.63%	0.417%
46	9.356	635	636	639	rVB2	90763	95750	2.19%	0.162%
47	9.482	644	647	649	rBV	60973	78666	1.80%	0.133%
48	9.607	656	658	660	rVB	692295	664272	15.18%	1.126%
49	9.756	668	671	673	rVB2	72553	78153	1.79%	0.132%
50	9.825	673	677	679	rBV2	145723	216213	4.94%	0.366%
51	9.893	680	683	685	rVV	1725321	1572350	35.93%	2.664%
52	10.053	694	697	698	rBV2	43411	80002	1.83%	0.136%
53	10.099	698	701	703	rVB2	78903	130993	2.99%	0.222%
54	10.145	703	705	707	rBV3	43900	72095	1.65%	0.122%
55	10.316	716	720	722	rBV2	135802	231964	5.30%	0.393%
56	10.430	729	730	734	rVB2	86506	114143	2.61%	0.193%
57	10.545	737	740	743	rBV	115164	184615	4.22%	0.313%
58	10.682	749	752	754	rBV	2085654	2035921	46.53%	3.450%
59	10.796	760	762	765	rBV	304698	470373	10.75%	0.797%
60	10.990	776	779	780	rBV3	55551	115960	2.65%	0.196%
61	11.128	788	791	794	rBV4	41739	114924	2.63%	0.195%
62	11.242	799	801	802	rVV	215940	180393	4.12%	0.306%
63	11.276	802	804	806	rVB	150694	202259	4.62%	0.343%
64	11.379	810	813	816	rBV	1270838	2062838	47.14%	3.495%
65	11.448	816	819	821	rVB	207960	199267	4.55%	0.338%
66	11.482	821	822	824	rBV	70806	95566	2.18%	0.162%
67	11.665	836	838	840	rBV2	153951	195561	4.47%	0.331%
68	11.871	854	856	858	rBV	122593	246524	5.63%	0.418%
69	11.905	858	859	860	rVV	210268	148875	3.40%	0.252%
70	11.939	860	862	864	rBV	425967	443406	10.13%	0.751%
71	11.985	864	866	867	rBV	228068	253614	5.80%	0.430%

LSC Area Percent Report

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Acq On : 17 Feb 2017 20:09
Operator : SJ/MA
Sample : I1878-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1-5

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-BF013017.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	12.111	876	877	880	rBV3	151416	184153	4.21%	0.312%
73	12.225	886	887	894	rVB	395749	509568	11.64%	0.863%
74	12.465	906	908	911	rVB2	218842	274177	6.27%	0.465%
75	12.591	917	919	921	rVB	1263003	1100003	25.14%	1.864%
76	12.625	921	922	926	rVB3	247809	267592	6.12%	0.453%
77	12.819	936	939	942	rVB	1245331	1471058	33.62%	2.493%
78	12.956	949	951	954	rVB	2075720	2553740	58.36%	4.327%
79	13.036	954	958	959	rBV2	115785	163979	3.75%	0.278%
80	13.094	962	963	964	rVV	247263	183860	4.20%	0.312%
81	13.139	965	967	970	rVV	176985	274755	6.28%	0.466%
82	13.185	970	971	974	rVV2	178958	307333	7.02%	0.521%
83	13.242	974	976	980	rVB3	153621	294558	6.73%	0.499%
84	13.459	993	995	996	rVB	113686	94712	2.16%	0.160%
85	13.528	999	1001	1003	rBV	239265	293284	6.70%	0.497%
86	13.859	1028	1030	1033	rVB	458897	526561	12.03%	0.892%
87	14.008	1040	1043	1045	rBV	1103905	1787425	40.85%	3.029%
88	14.179	1055	1058	1059	rBV2	139585	249540	5.70%	0.423%
89	14.397	1075	1077	1079	rBV	156632	176686	4.04%	0.299%
90	14.477	1082	1084	1087	rBV3	231255	368157	8.41%	0.624%
91	14.774	1109	1110	1112	rBV	154307	160726	3.67%	0.272%
92	15.037	1130	1133	1137	rBV	590479	1174087	26.83%	1.989%
93	15.094	1137	1138	1140	rVV2	147875	207058	4.73%	0.351%
94	15.322	1156	1158	1161	rVB	371338	514886	11.77%	0.872%
95	15.391	1161	1164	1166	rVV	462273	725783	16.59%	1.230%
96	15.448	1166	1169	1177	rVB2	677576	1228254	28.07%	2.081%
97	15.871	1204	1206	1209	rBV	216793	381384	8.72%	0.646%
98	16.854	1289	1292	1295	rBV	260934	502690	11.49%	0.852%
99	17.277	1326	1329	1332	rBV	205339	385570	8.81%	0.653%
100	19.357	1507	1511	1522	rVB4	171219	745923	17.05%	1.264%

Sum of corrected areas: 59016287

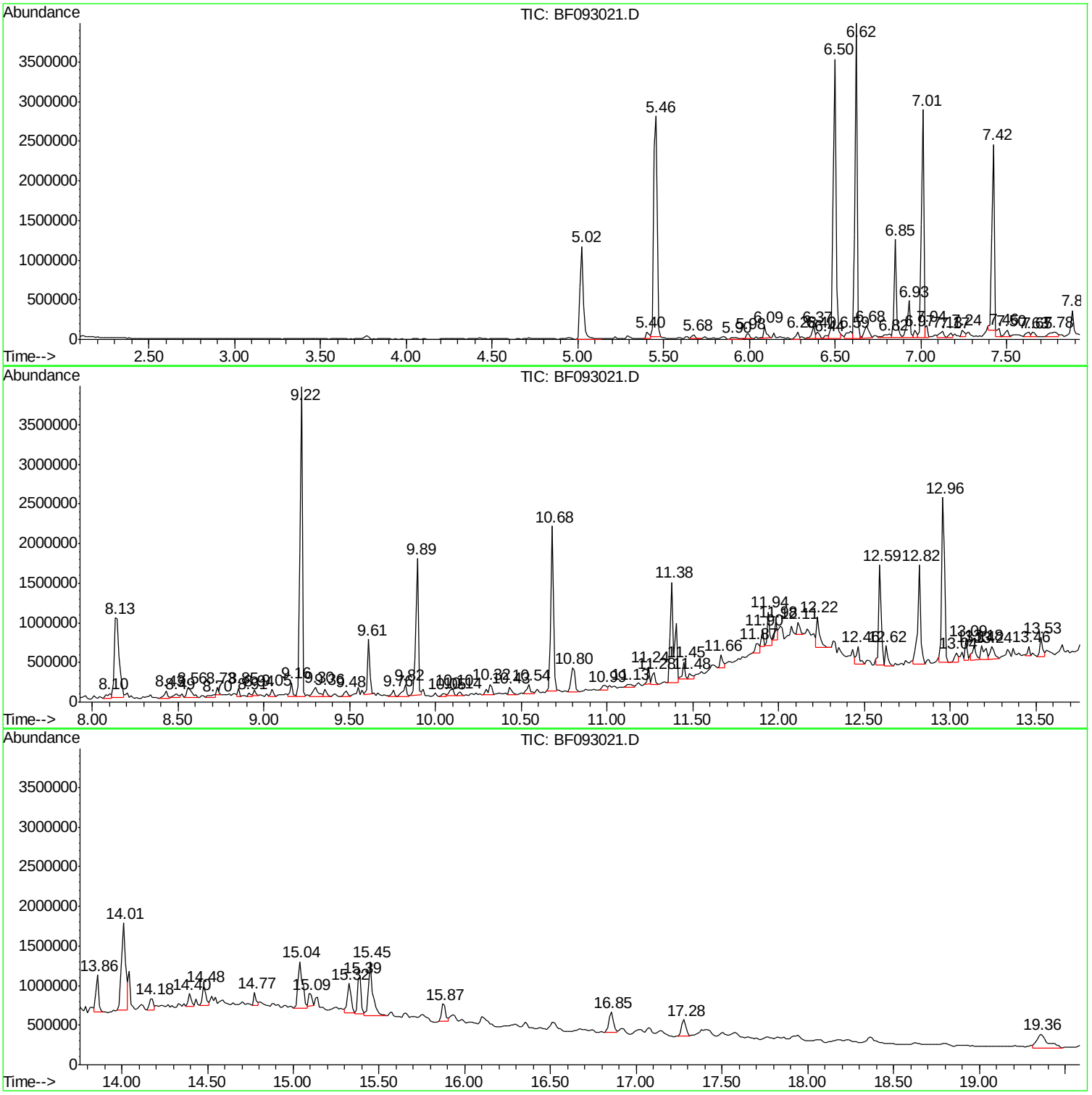
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021717\
Data File : BF093021.D
Acq On : 17 Feb 2017 20:09
Operator : SJ/MA
Sample : I1878-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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\BF021717\
Data File : BF093021.D
Acq On : 17 Feb 2017 20:09
Operator : SJ/MA
Sample : I1878-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

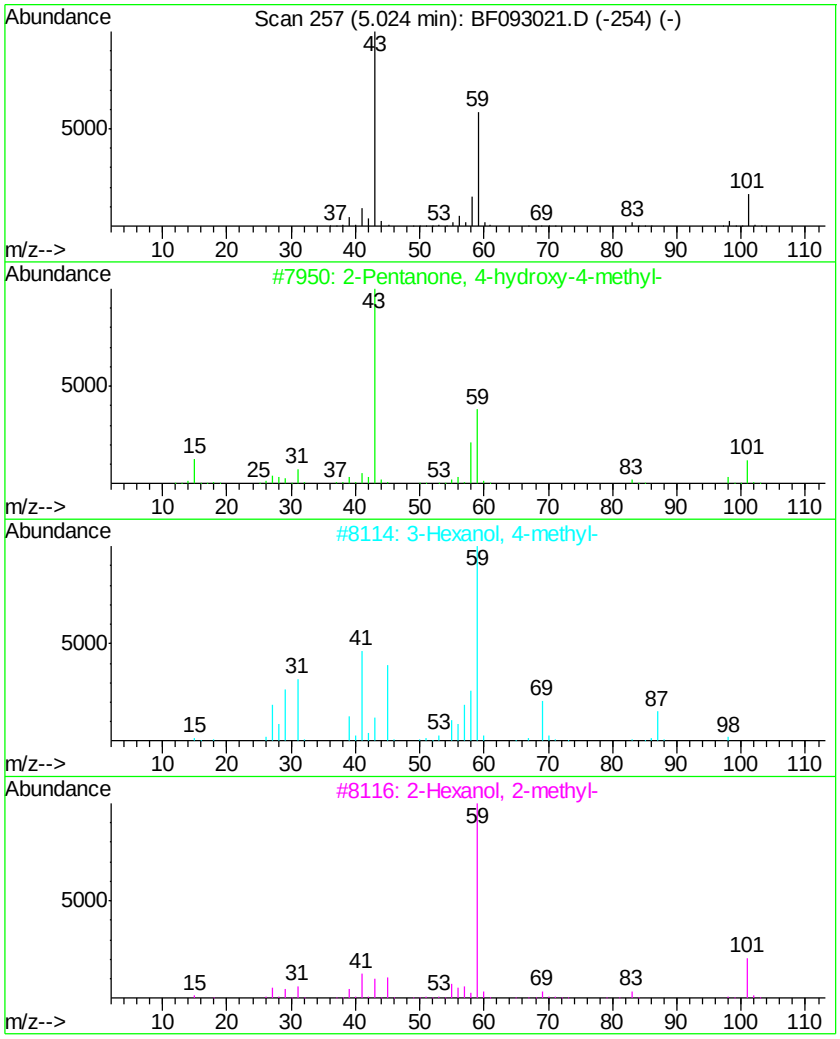
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

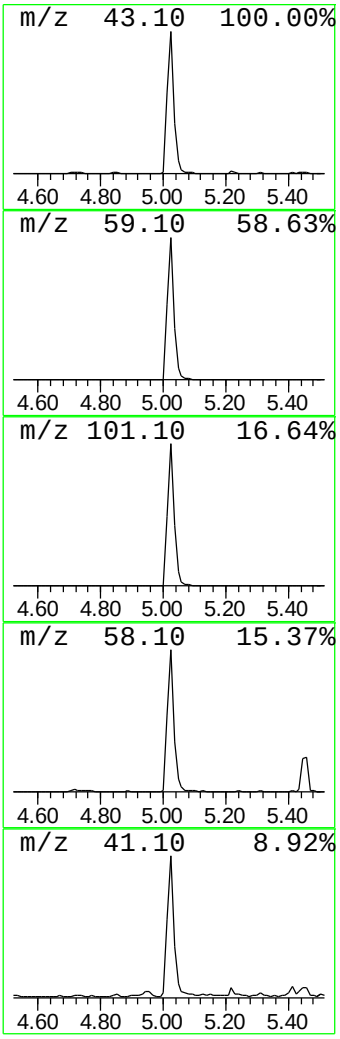
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.02	28.57 ng	1677820	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021717\
Data File : BF093021.D
Acq On : 17 Feb 2017 20:09
Operator : SJ/MA
Sample : I1878-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

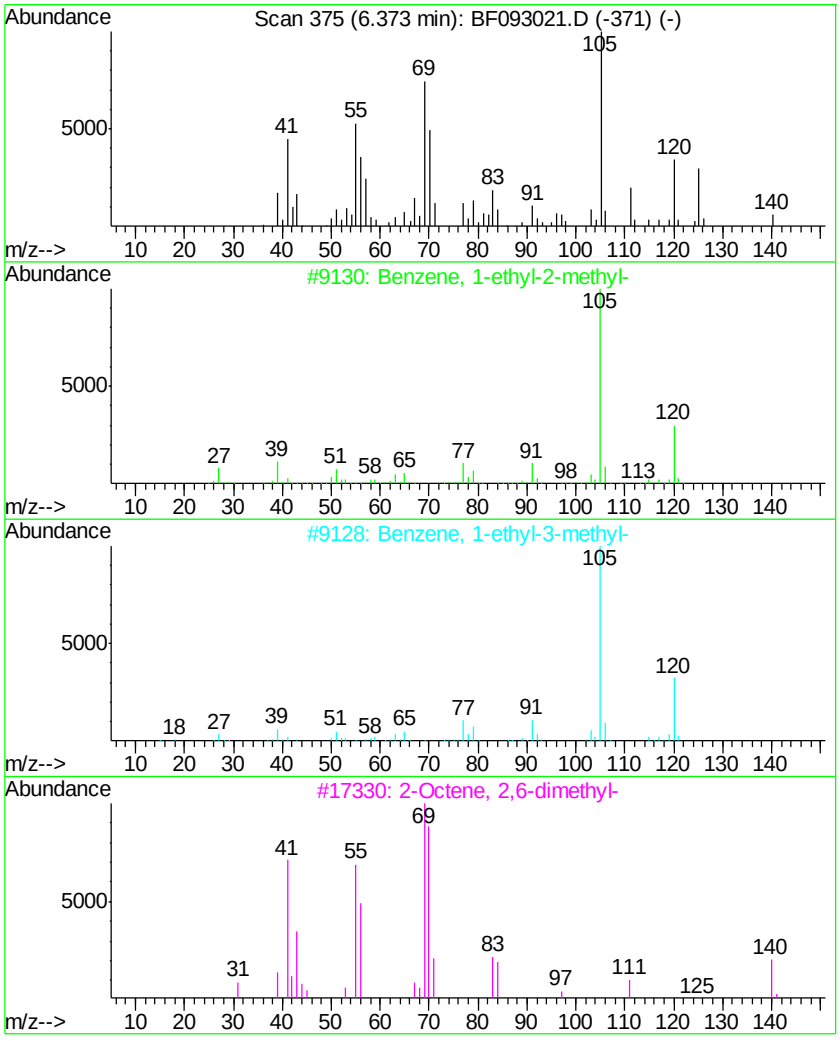
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

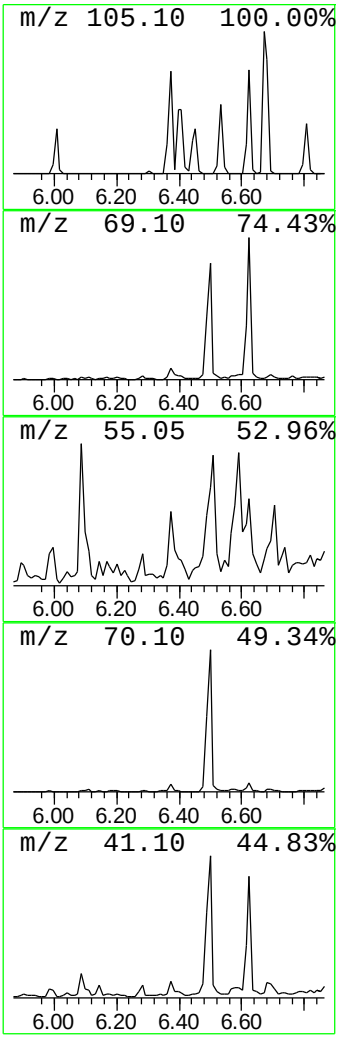
****

Peak Number 2 Benzene, 1-ethyl-2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.37	3.06 ng	179424	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	56
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	56
3	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	49
4	trans-2-Methyl-3-octene	126	C9H18	052937-36-7	43
5	2-Methyl-2-octene	126	C9H18	016993-86-5	43





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021717\
Data File : BF093021.D
Acq On : 17 Feb 2017 20:09
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Sample : I1878-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

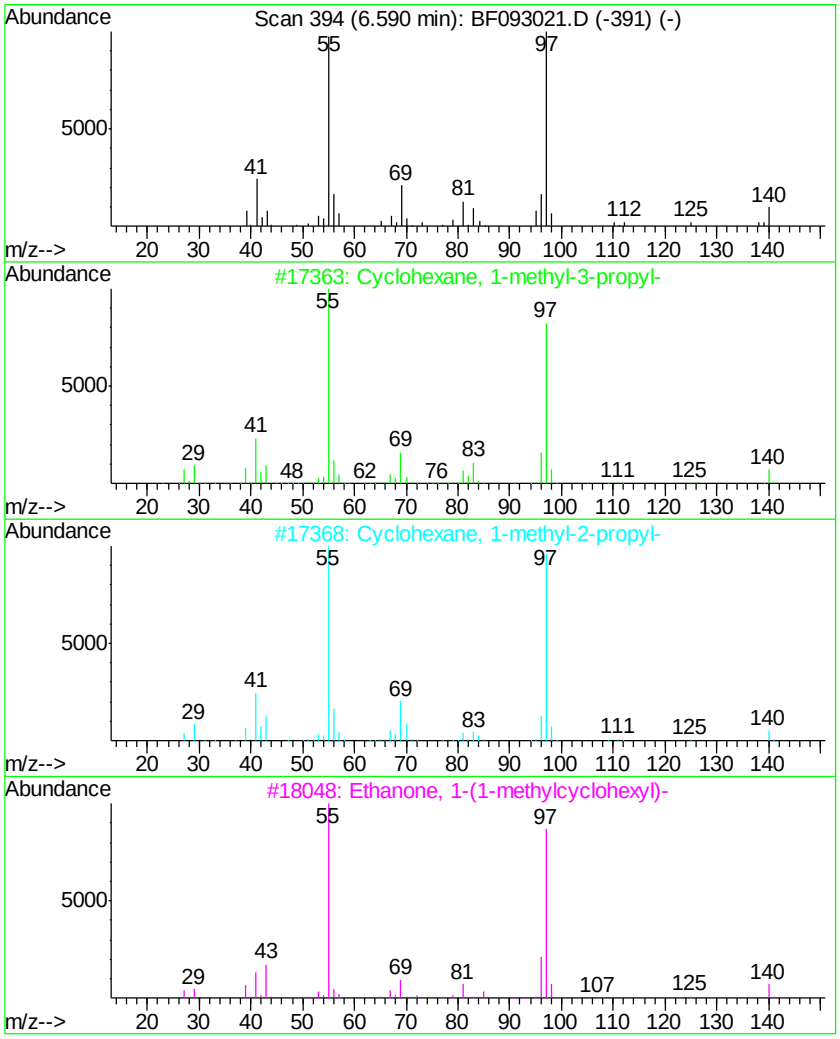
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

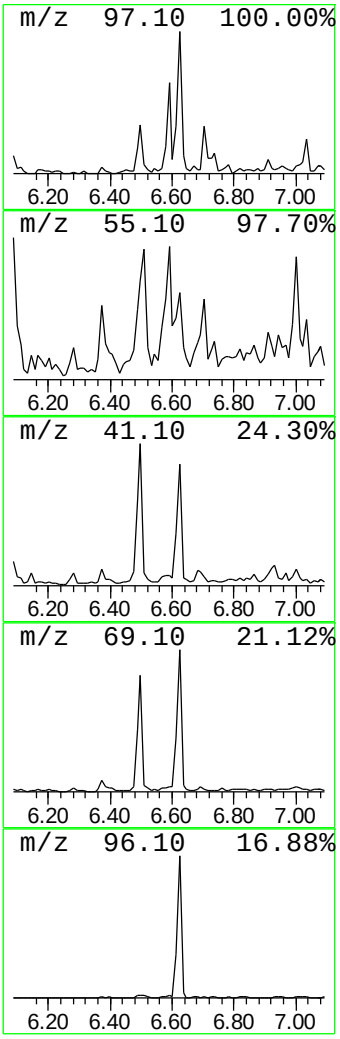
****

Peak Number 3 Cyclohexane, 1-methyl-3-pro... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	3.23 ng	189800	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	91
2	Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	90
3	Ethanone, 1-(1-methylcyclohexyl)-	140	C9H16O	002890-62-2	80
4	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	72
5	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	72





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021717\
Data File : BF093021.D
Acq On : 17 Feb 2017 20:09
Operator : SJ/MA
Sample : I1878-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

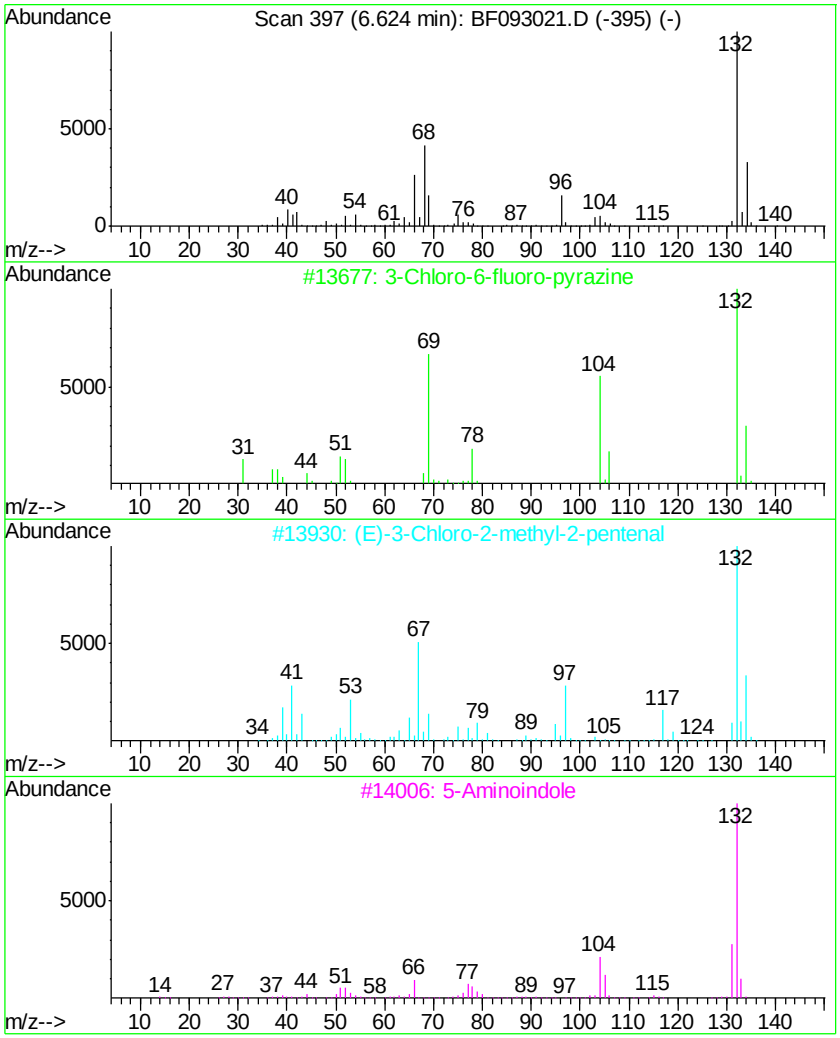
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

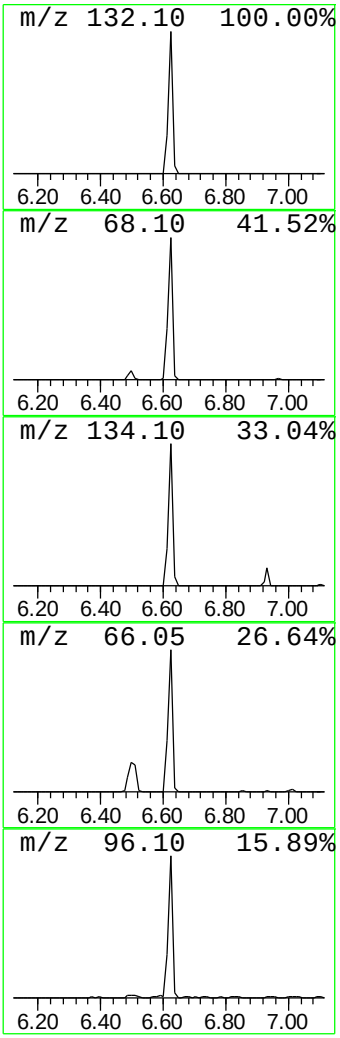
****

Peak Number 4 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	64.34 ng	3778820	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021717\
Data File : BF093021.D
Acq On : 17 Feb 2017 20:09
Operator : SJ/MA
Sample : I1878-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

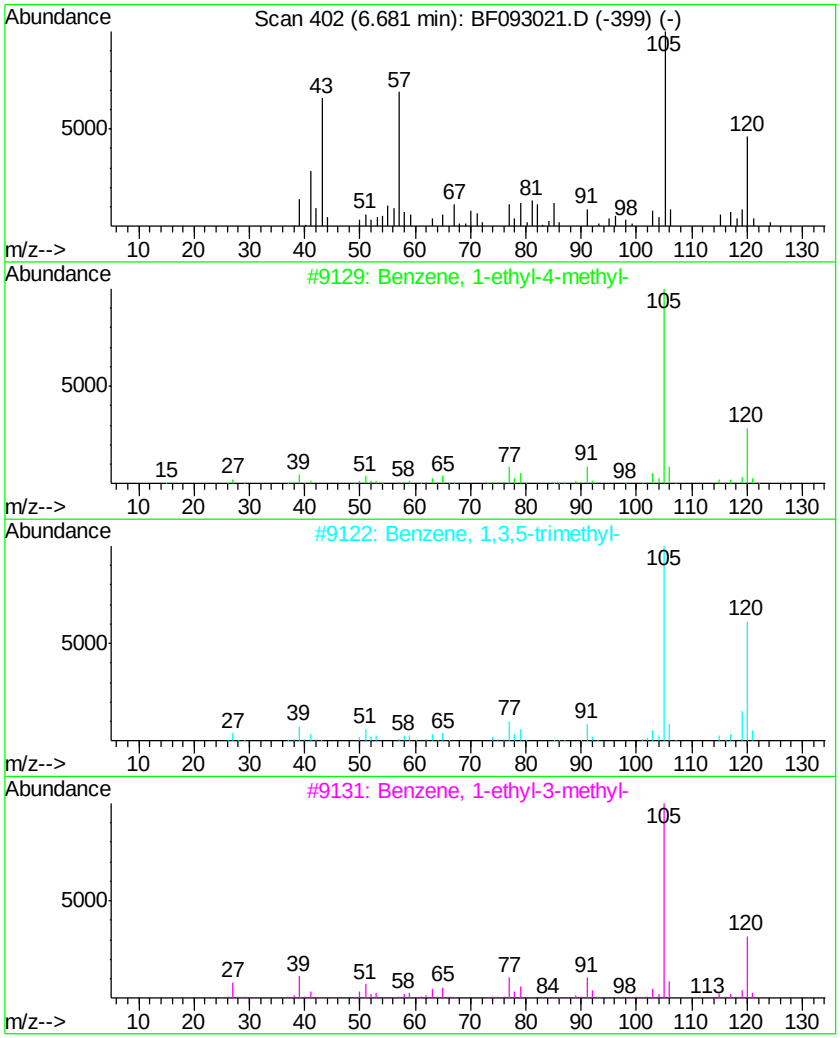
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

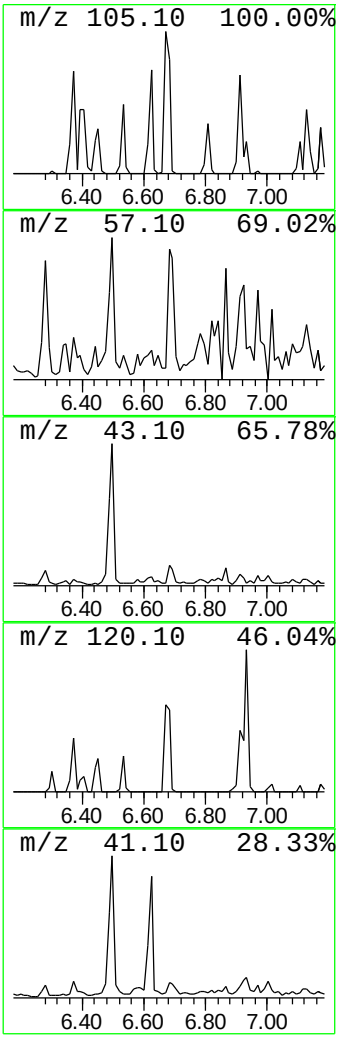
****

Peak Number 5 Benzene, 1-ethyl-4-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.68	4.92 ng	289071	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	87
2	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	87
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	83
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	74





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021717\
Data File : BF093021.D
Acq On : 17 Feb 2017 20:09
Operator : SJ/MA
Sample : I1878-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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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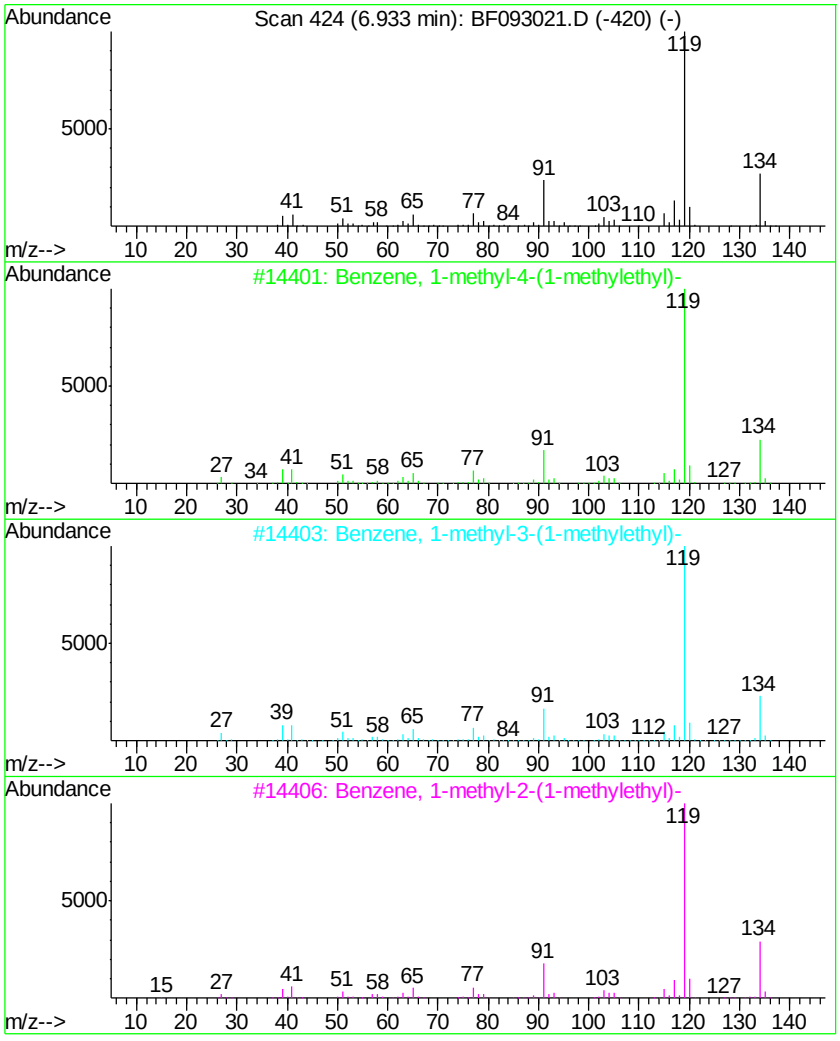
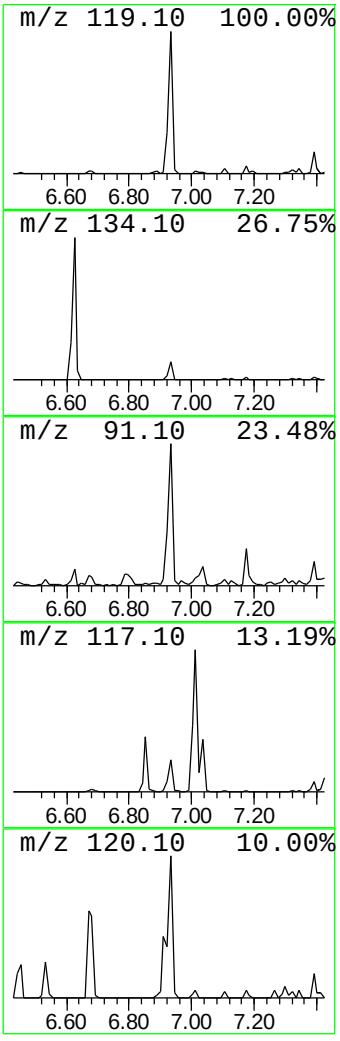
Peak Number 6 Benzene, 1-methyl-4-(1-meth... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.93	10.12 ng	594607	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	97
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
3	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91





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Data File : BF093021.D
Acq On : 17 Feb 2017 20:09
Operator : SJ/MA
Sample : I1878-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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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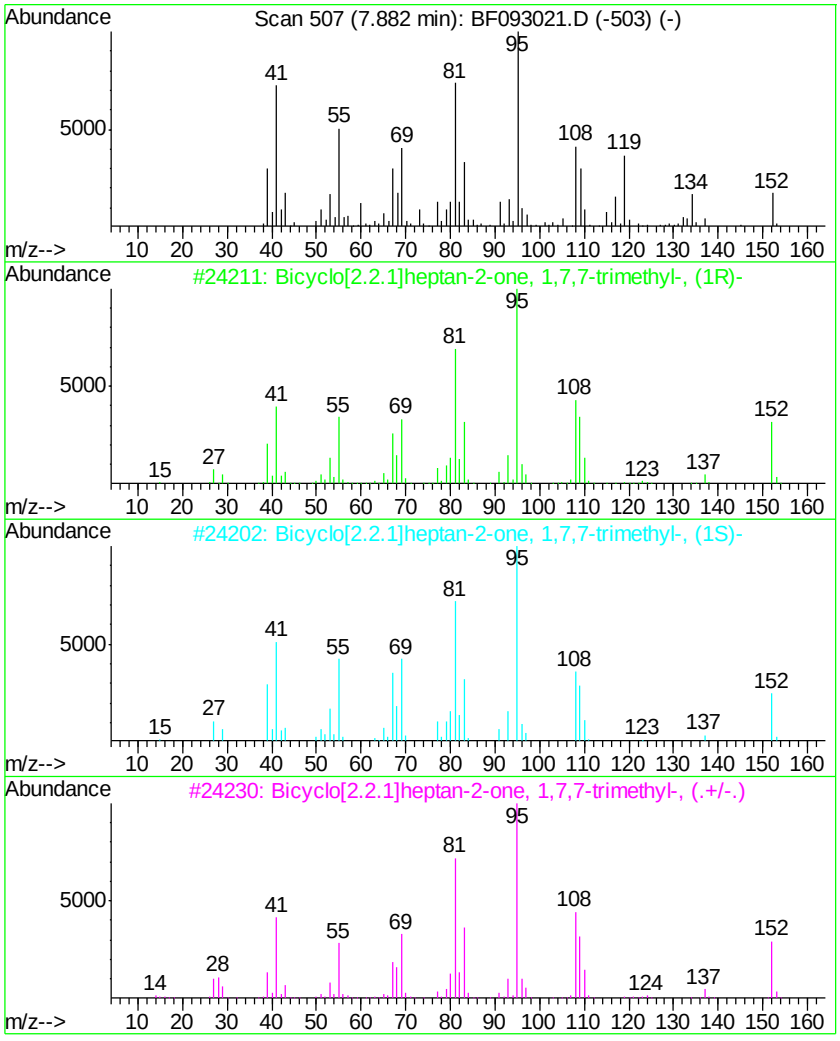
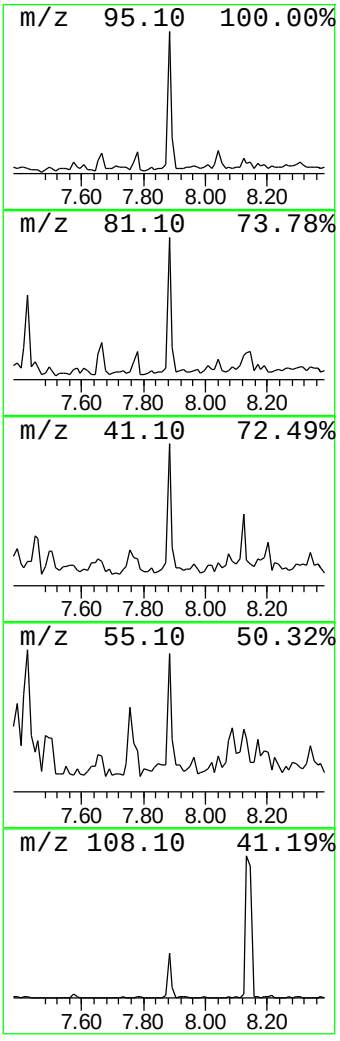
Peak Number 8 Bicyclo[2.2.1]heptan-2-one,... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.88	3.89 ng	397319	Naphthalene-d8	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-49-3	97
2	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	96
3	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	021368-68-3	95
4	Camphor	152	C10H16O	000076-22-2	93
5	1,5-Heptadiene, 2-methyl-, (E)-	110	C8H14	041044-63-7	43





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Data File : BF093021.D
Acq On : 17 Feb 2017 20:09
Operator : SJ/MA
Sample : I1878-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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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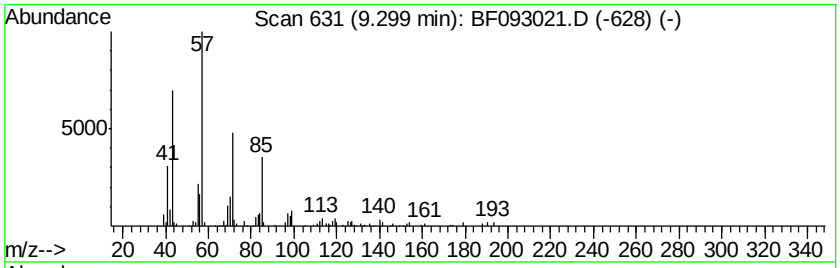
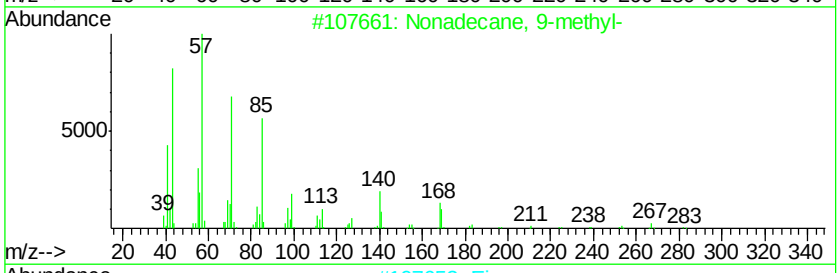
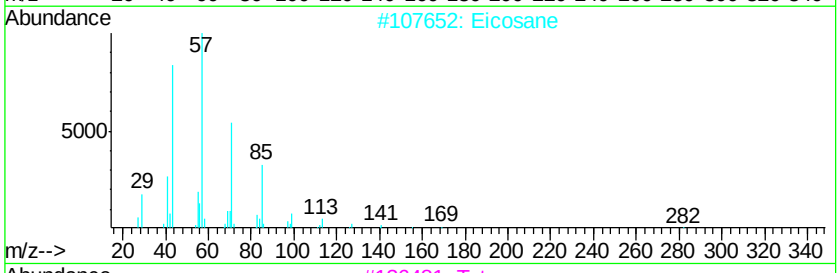
Peak Number 9 Nonadecane, 9-methyl- Concentration Rank 18

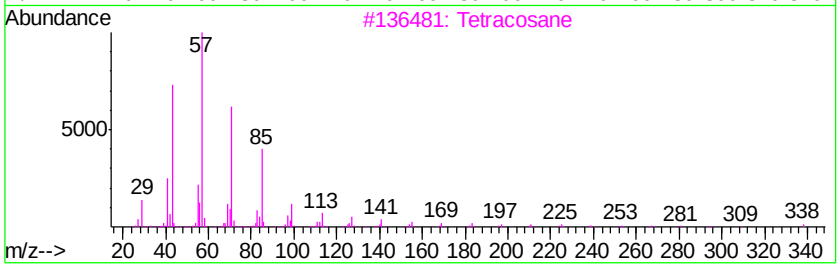
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.30	3.13 ng	246376	Acenaphthene-d10	9.89

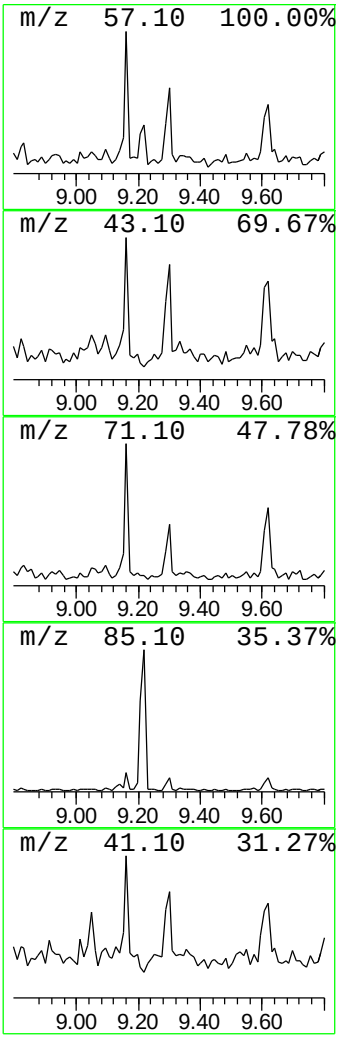
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	86
2	Eicosane	282	C20H42	000112-95-8	83
3	Tetracosane	338	C24H50	000646-31-1	80
4	Tetradecane	198	C14H30	000629-59-4	80
5	Pentadecane	212	C15H32	000629-62-9	80











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Data File : BF093021.D
Acq On : 17 Feb 2017 20:09
Operator : SJ/MA
Sample : I1878-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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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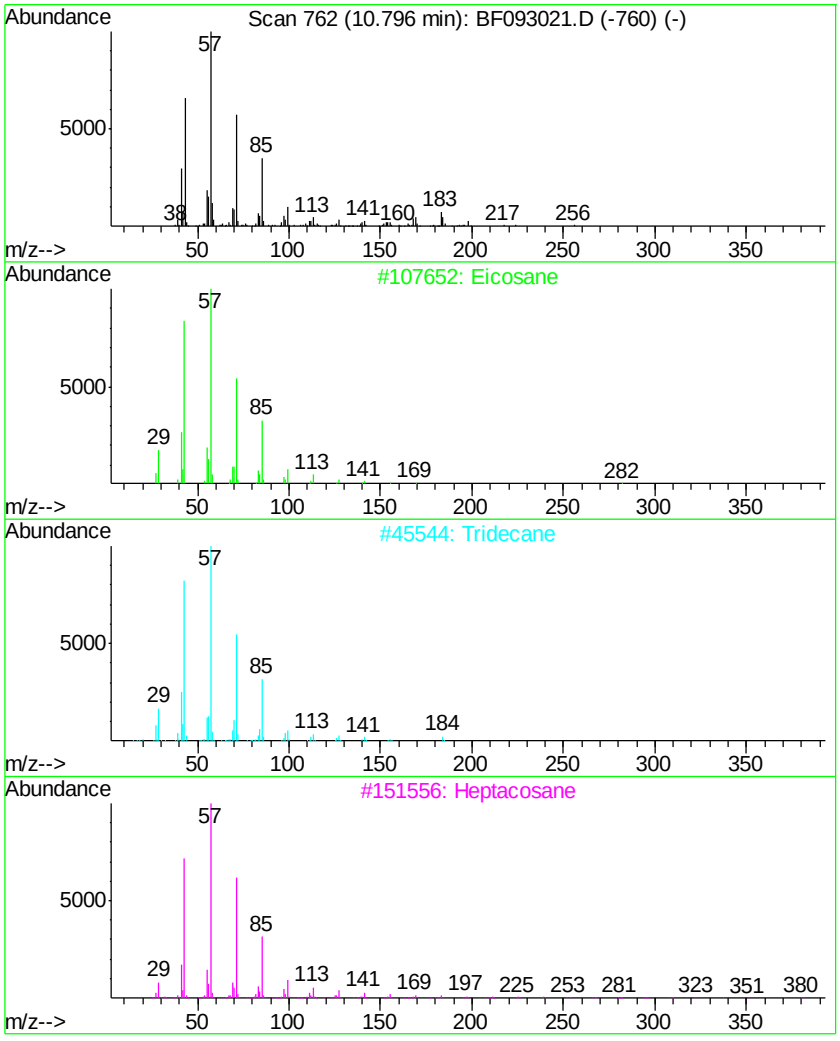
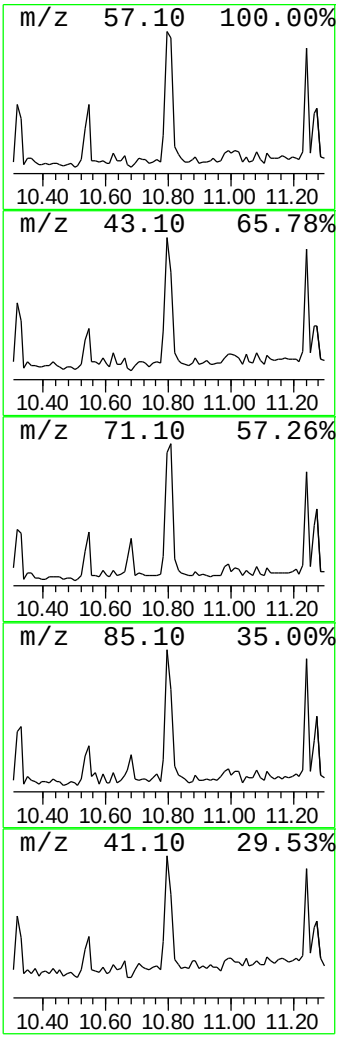
Peak Number 10 Eicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	4.56 ng	470373	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	76
2	Tridecane	184	C13H28	000629-50-5	72
3	Heptacosane	380	C27H56	000593-49-7	72
4	Undecane, 2-methyl-	170	C12H26	007045-71-8	72
5	Pentadecane	212	C15H32	000629-62-9	64





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Sample : I1878-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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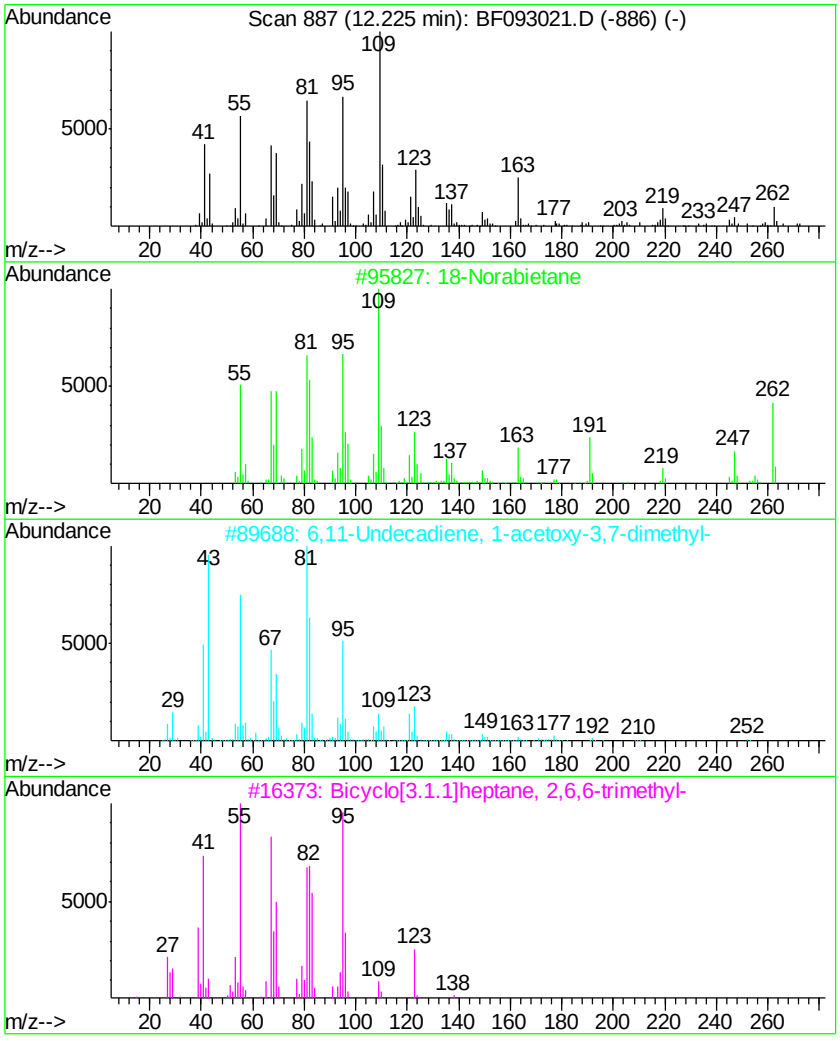
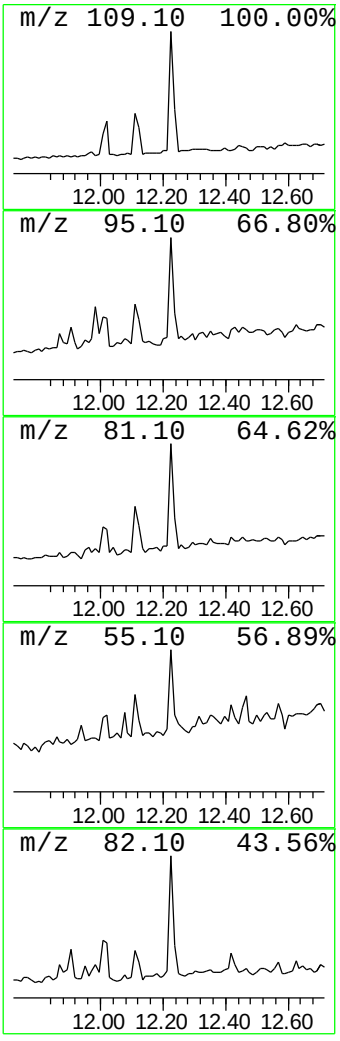
Peak Number 11 18-Norabietane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.22	4.94 ng	509568	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	18-Norabietane	262	C19H34	1000293-16-6	97
2	6,11-Undecadiene, 1-acetoxy-3,7-...	252	C16H28O2	1000150-66-0	42
3	Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	000473-55-2	41
4	Ethanone, 1-(1,4-dimethyl-3-cycl...	152	C10H16O	043219-68-7	35
5	Phosphinecarboxylic acid, dietho...	210	C7H15O5P	001474-78-8	35





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Operator : SJ/MA
Sample : I1878-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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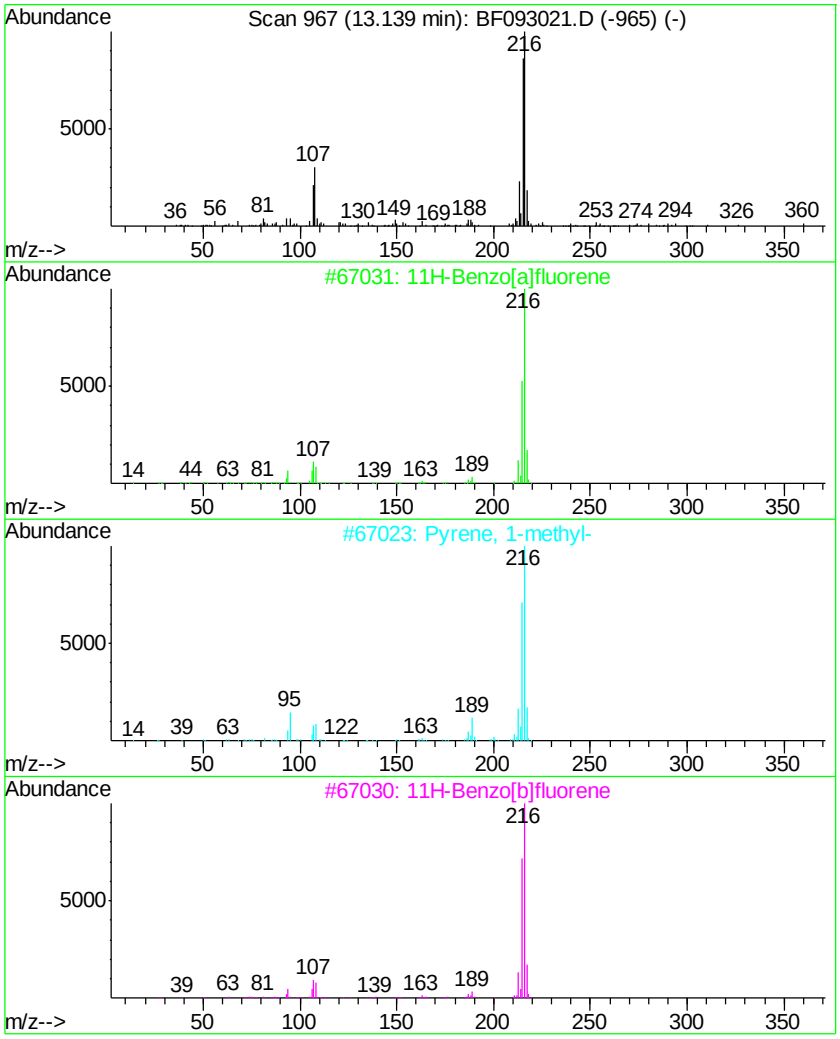
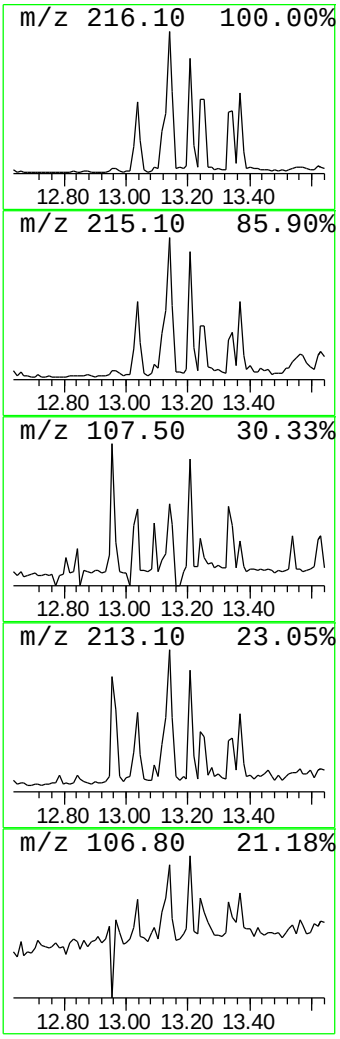
Peak Number 12 11H-Benzo[a]fluorene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.14	3.07 ng	274755	Chrysene-d12	14.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	76
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	72
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	70
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	53





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Data File : BF093021.D
Acq On : 17 Feb 2017 20:09
Operator : SJ/MA
Sample : I1878-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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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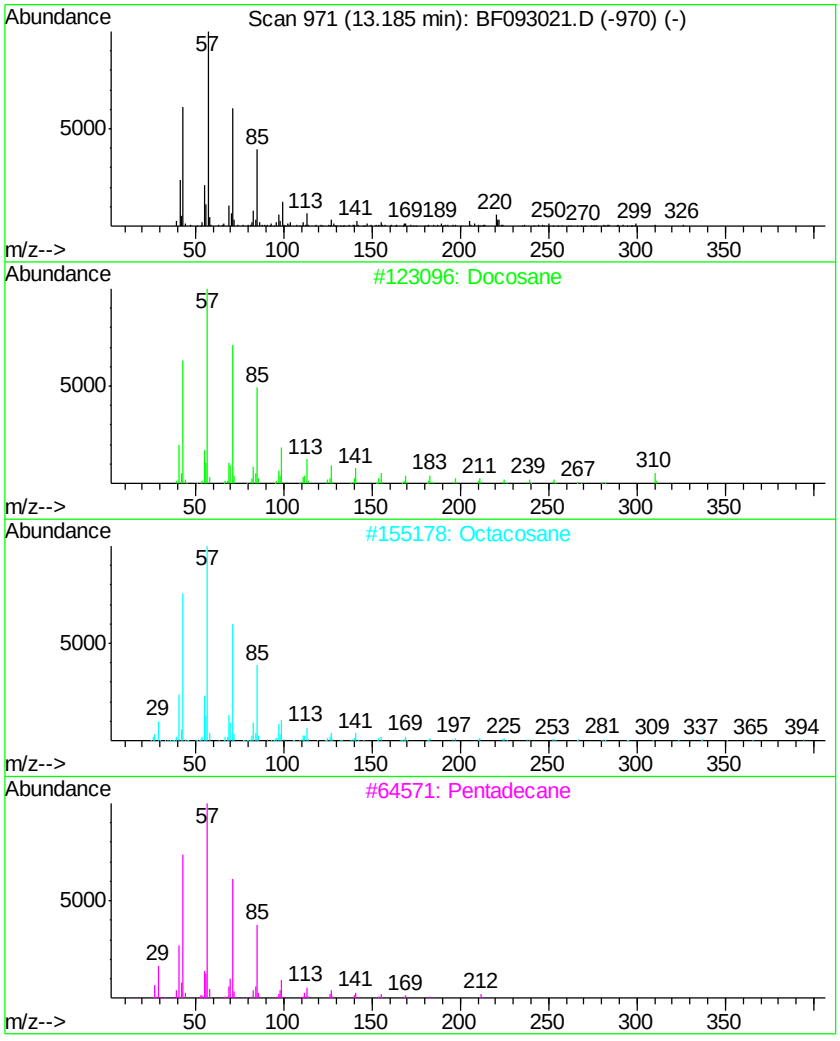
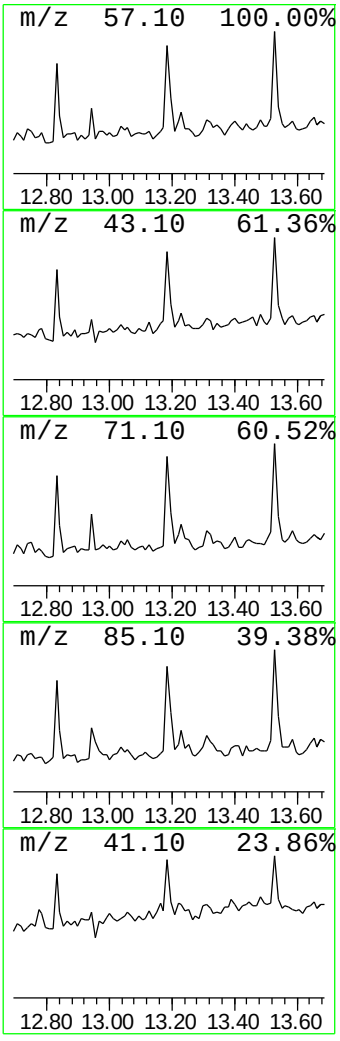
Peak Number 13 Docosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.19	3.44 ng	307333	Chrysene-d12	14.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	94
2	Octacosane	394	C28H58	000630-02-4	87
3	Pentadecane	212	C15H32	000629-62-9	80
4	Heptacosane	380	C27H56	000593-49-7	62
5	Octadecane, 5,14-dibutyl-	366	C26H54	055282-13-8	62





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Sample : I1878-06
Misc :
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Instrument : BNA_F
ClientSampleId : B1-5

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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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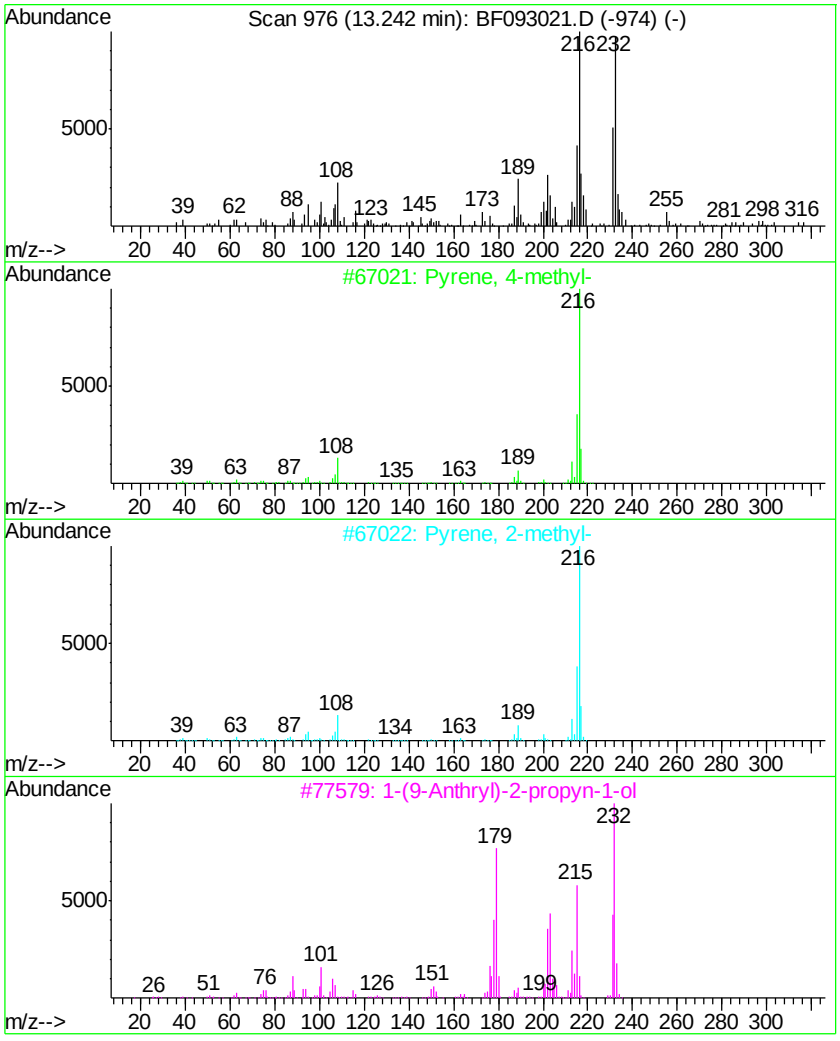
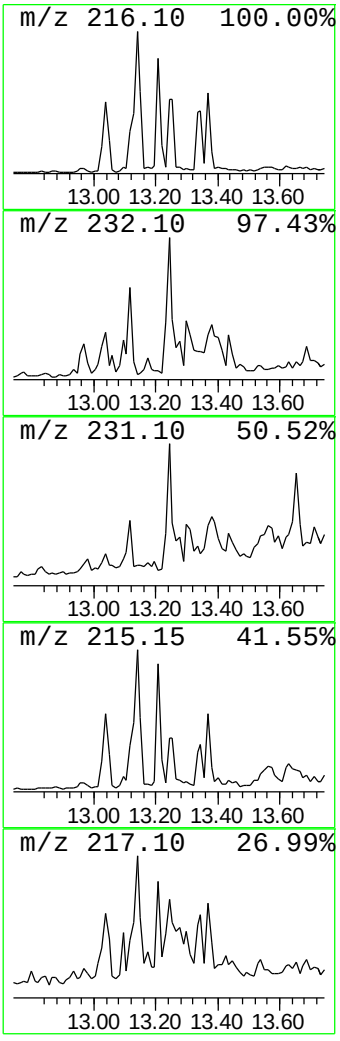
Peak Number 14 Pyrene, 4-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.24	3.30 ng	294558	Chrysene-d12	14.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 4-methyl-	216	C17H12	003353-12-6	87
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	50
3	1-(9-Anthryl)-2-propyn-1-ol	232	C17H12O	031067-61-5	50
4	1,2,3,4-Tetrahydrochrysene	232	C18H16	002091-90-9	38
5	1,2,3,4-Tetrahydrobenz[a]anthracene	232	C18H16	004483-98-1	38





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Operator : SJ/MA
Sample : I1878-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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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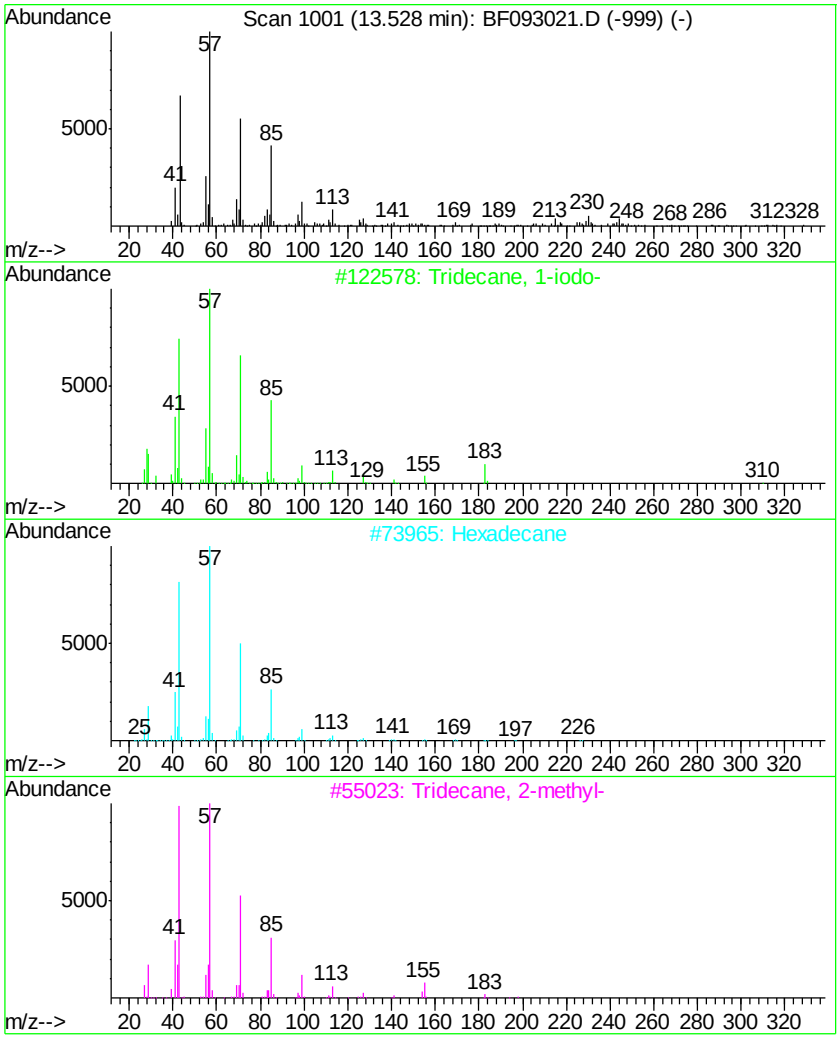
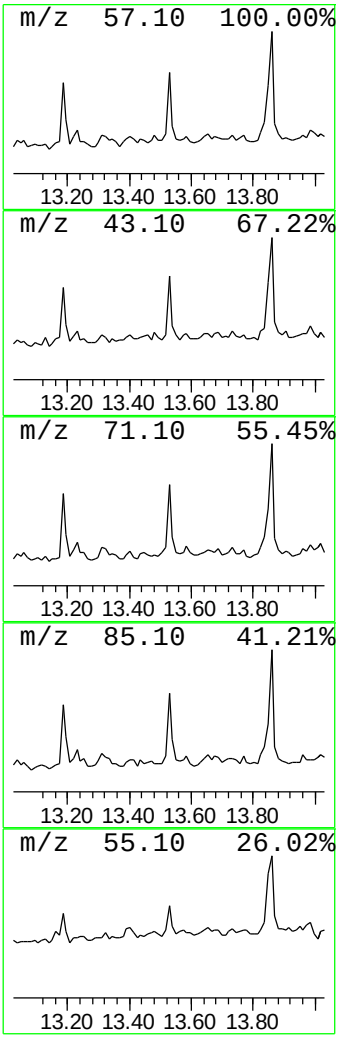
Peak Number 15 Tridecane, 1-iodo- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.53	3.28 ng	293284	Chrysene-d12	14.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	93
2	Hexadecane	226	C16H34	000544-76-3	91
3	Tridecane, 2-methyl-	198	C14H30	001560-96-9	87
4	Heptacosane	380	C27H56	000593-49-7	83
5	Docosane	310	C22H46	000629-97-0	83





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Sample : I1878-06
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ALS Vial : 18 Sample Multiplier: 1

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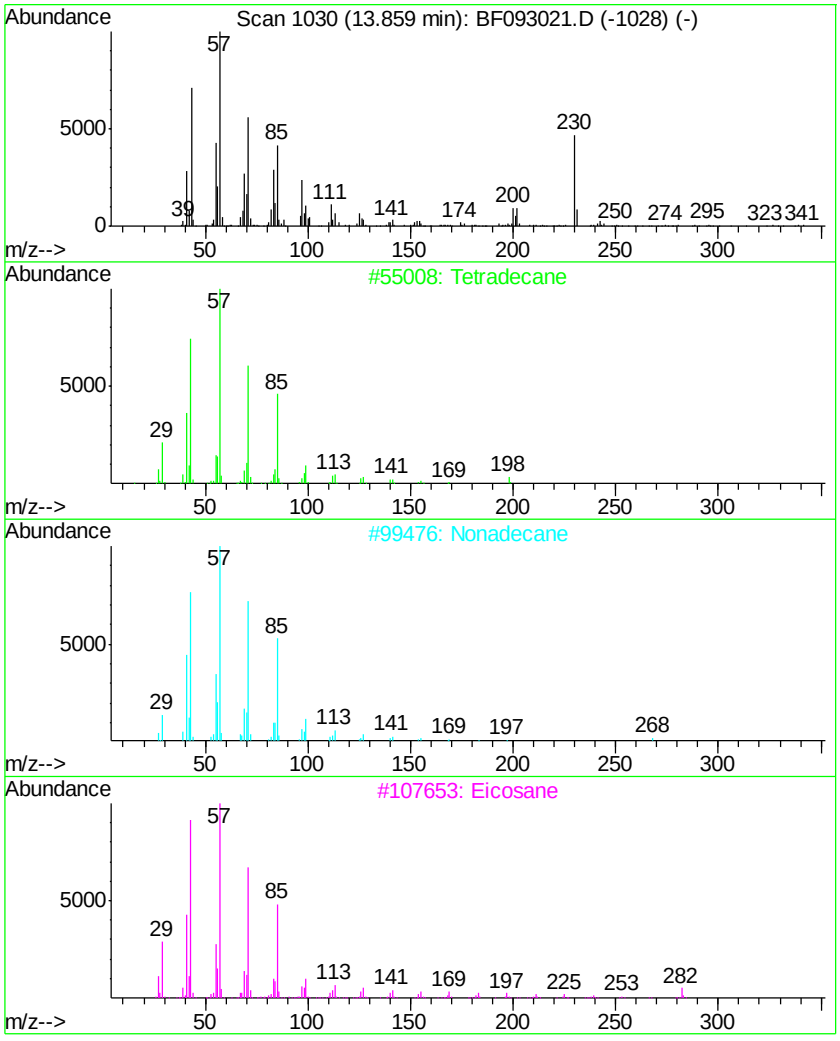
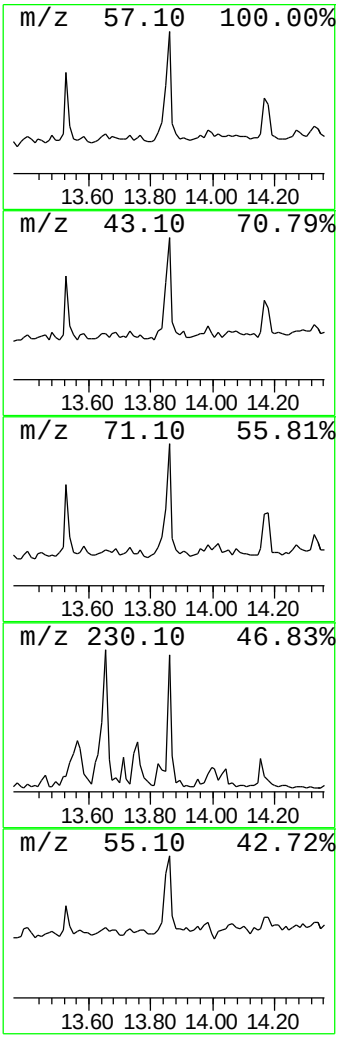
Peak Number 16 Tetradecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	5.89 ng	526561	Chrysene-d12	14.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	52
2	Nonadecane	268	C19H40	000629-92-5	43
3	Eicosane	282	C20H42	000112-95-8	43
4	Pentadecane	212	C15H32	000629-62-9	43
5	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	38





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ALS Vial : 18 Sample Multiplier: 1

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TIC Library : C:\DATABASE\NIST02.L
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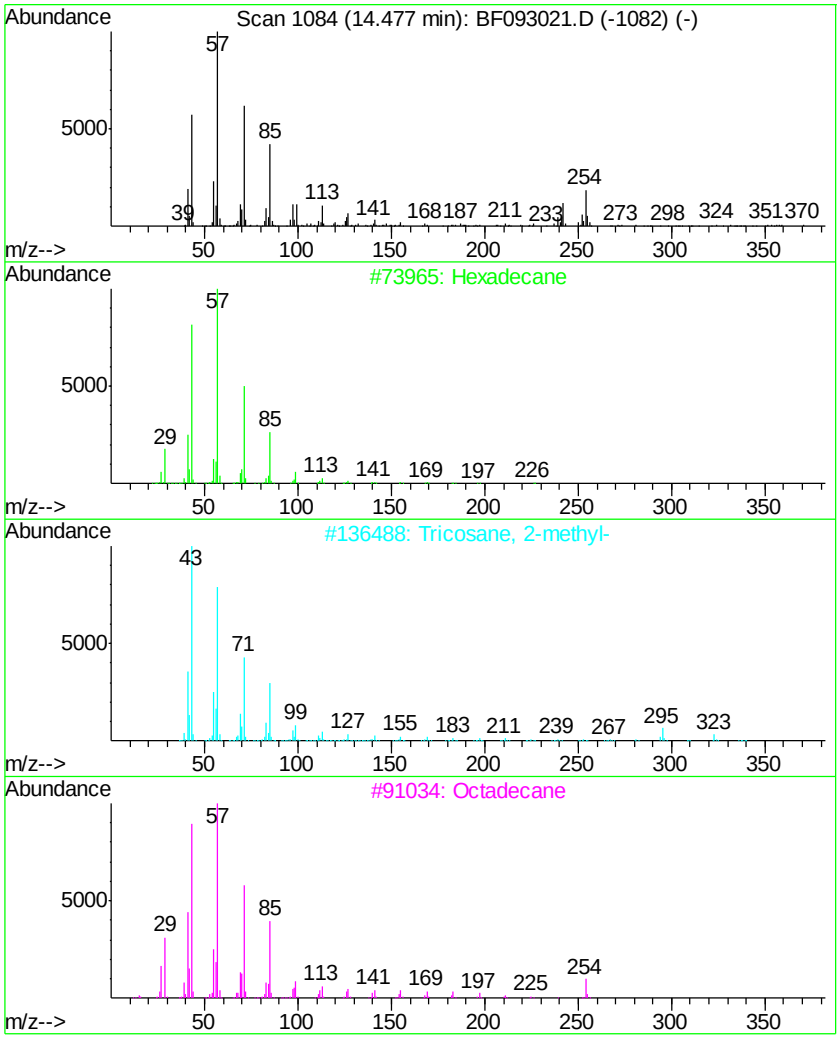
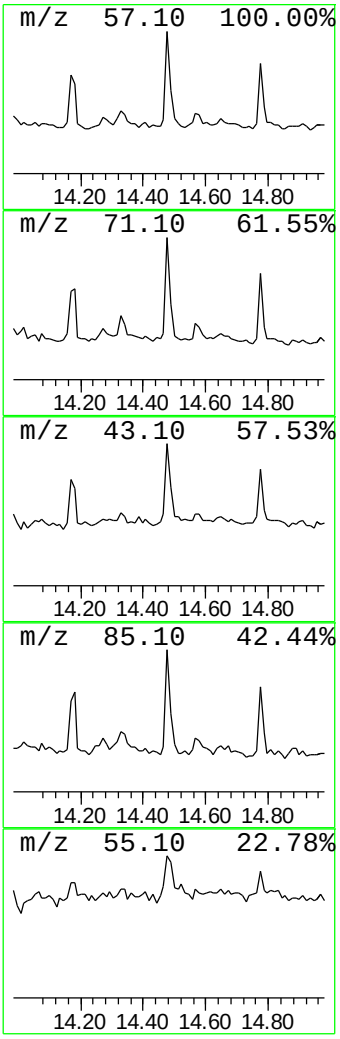
Peak Number 17 Hexadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.48	4.12 ng	368157	Chrysene-d12	14.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	93
2	Tricosane, 2-methyl-	338	C24H50	001928-30-9	81
3	Octadecane	254	C18H38	000593-45-3	80
4	Tricosane	324	C23H48	000638-67-5	76
5	Octacosane	394	C28H58	000630-02-4	74





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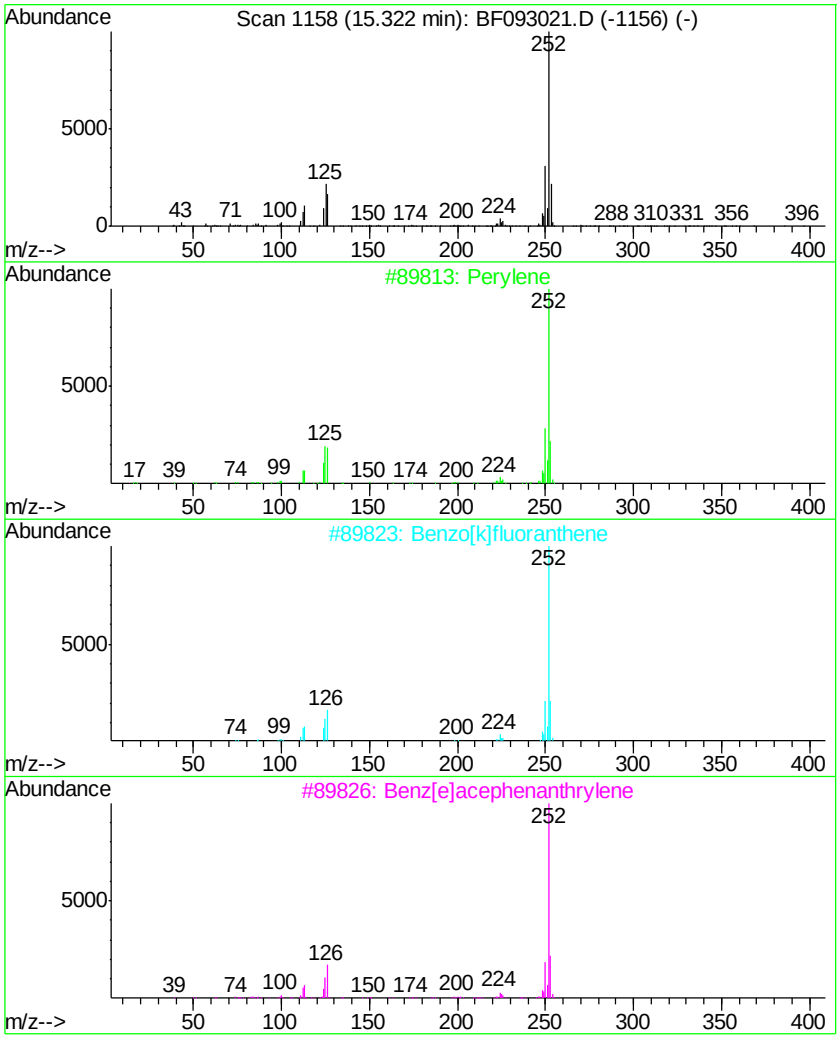
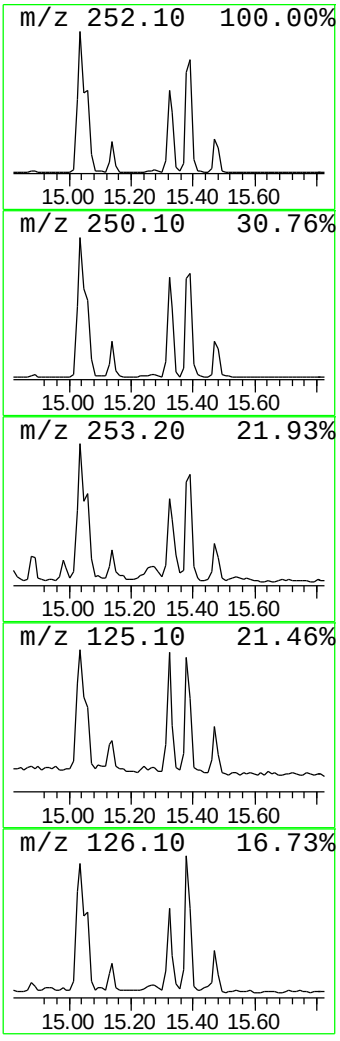
Peak Number 18 Perylene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.32	8.38 ng	514886	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	99
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	98
4	Benzo[e]pyrene	252	C20H12	000192-97-2	98
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	97





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021717\
Data File : BF093021.D
Acq On : 17 Feb 2017 20:09
Operator : SJ/MA
Sample : I1878-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

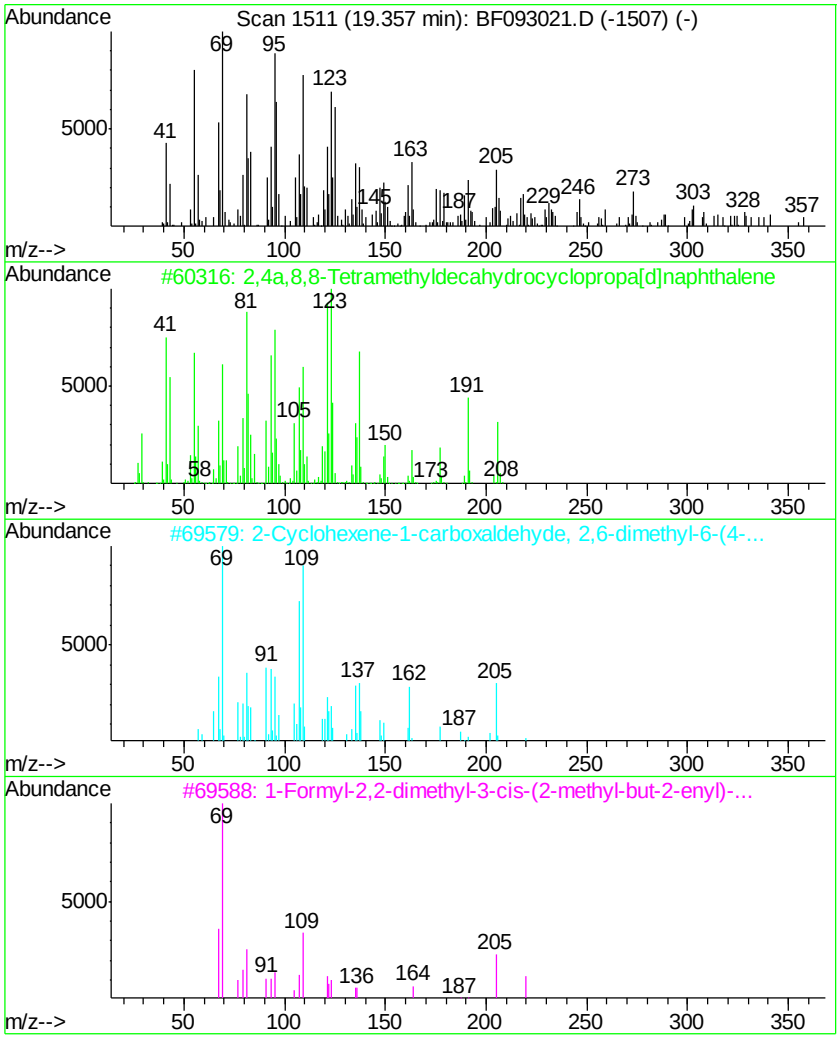
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

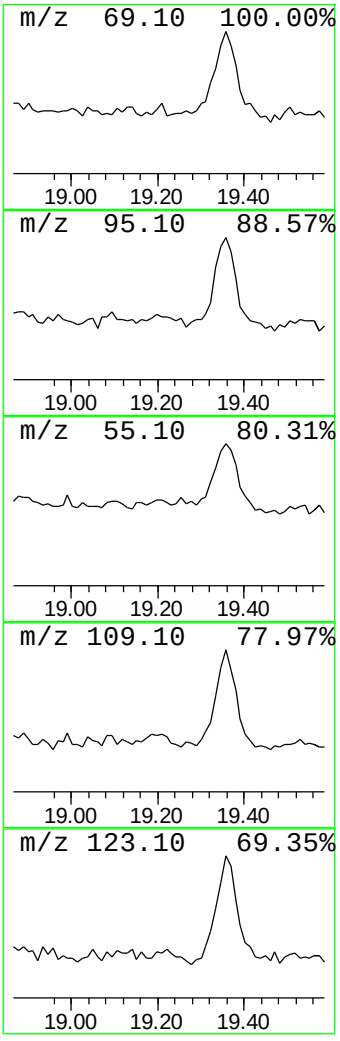
****

Peak Number 20 2,4a,8,8-Tetramethyldecahyd... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.36	12.15 ng	745923	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4a,8,8-Tetramethyldecahydrocyc...	206	C15H26	074022-04-1	62
2	2-Cyclohexene-1-carboxaldehyde, ...	220	C15H24O	056772-07-7	46
3	1-Formyl-2,2-dimethyl-3-cis-(2-m...	220	C15H24O	1000144-10-0	45
4	cis-6-Ethyl-cis-4a,trans-8a-perh...	338	C20H34O4	106864-11-3	43
5	2(5H)-Furanone, 4-methyl-3,5-bis...	206	C13H18O2	089902-26-1	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021717\
Data File : BF093021.D
Acq On : 17 Feb 2017 20:09
Operator : SJ/MA
Sample : I1878-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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...	5.02	28.6	ng	1677820	1	6.85	1174560	20.0
Benzene, 1-ethyl-...	6.37	3.1	ng	179424	1	6.85	1174560	20.0
Cyclohexane, 1-me...	6.59	3.2	ng	189800	1	6.85	1174560	20.0
unknown6.62	6.62	64.3	ng	3778820	1	6.85	1174560	20.0
Benzene, 1-ethyl-...	6.68	4.9	ng	289071	1	6.85	1174560	20.0
Benzene, 1-methyl...	6.93	10.1	ng	594607	1	6.85	1174560	20.0
Bicyclo[2.2.1]hep...	7.88	3.9	ng	397319	2	8.14	2044240	20.0
Nonadecane, 9-met...	9.30	3.1	ng	246376	3	9.89	1572350	20.0
Eicosane	10.80	4.6	ng	470373	4	11.38	2062840	20.0
18-Norabietane	12.22	4.9	ng	509568	4	11.38	2062840	20.0
11H-Benzo[a]fluorene	13.14	3.1	ng	274755	5	14.01	1787430	20.0
Docosane	13.19	3.4	ng	307333	5	14.01	1787430	20.0
Pyrene, 4-methyl-	13.24	3.3	ng	294558	5	14.01	1787430	20.0
Tridecane, 1-iodo-	13.53	3.3	ng	293284	5	14.01	1787430	20.0
Tetradecane	13.86	5.9	ng	526561	5	14.01	1787430	20.0
Hexadecane	14.48	4.1	ng	368157	5	14.01	1787430	20.0
Perylene	15.32	8.4	ng	514886	6	15.45	1228250	20.0
2,4a,8,8-Tetramet...	19.36	12.2	ng	745923	6	15.45	1228250	20.0