LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110416\
Data File : BF091031.D
Acq On : 4 Nov 2016 20:12
Operator : UM/SJ
Sample : H5526-17
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-106-0.5-5.0

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-BF110316.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	1.778	7	8	35	rVB	3645920	8358970	100.00%	6.168%
2	2.270	49	51	66	rVB	130660	300999	3.60%	0.222%
3	3.504	154	159	166	rBV	44110	89645	1.07%	0.066%
4	4.864	274	278	281	rBV	2693316	5989445	71.65%	4.419%
5	5.299	313	316	318	rBV	2985832	3321085	39.73%	2.450%
6	5.630	343	345	355	rBV	231870	296710	3.55%	0.219%
7	5.996	375	377	386	rVB	50441	106323	1.27%	0.078%
8	6.350	405	408	411	rBV	3874747	6493140	77.68%	4.791%
9	6.476	416	419	421	rVV	4198455	5476758	65.52%	4.041%
10	6.545	424	425	431	rVB	105658	149303	1.79%	0.110%
11	6.705	436	439	443	rBV	1046668	1591359	19.04%	1.174%
12	6.773	443	445	449	rVB	277757	277222	3.32%	0.205%
13	6.853	449	452	454	rBV	3945474	4978522	59.56%	3.673%
14	6.887	454	455	460	rVB	144271	181475	2.17%	0.134%
15	7.105	471	474	476	rBV2	42056	88217	1.06%	0.065%
16	7.276	485	489	491	rBV	3621823	4692402	56.14%	3.462%
17	7.390	495	499	504	rVV	99061	242141	2.90%	0.179%
18	7.527	508	511	516	rVB	122380	167344	2.00%	0.123%
19	7.745	527	530	533	rBV3	64806	105467	1.26%	0.078%
20	7.905	539	544	549	rBV	190795	286188	3.42%	0.211%
21	7.985	549	551	555	rVB	2031726	2020247	24.17%	1.491%
22	8.373	581	585	587	rBV2	37478	99375	1.19%	0.073%
23	8.430	587	590	594	rVB3	68117	114887	1.37%	0.085%
24	8.773	618	620	628	rBV	276352	596579	7.14%	0.440%
25	9.070	643	646	648	rBV	6191491	6414279	76.74%	4.733%
26	9.471	678	681	683	rBV	2386105	2265724	27.11%	1.672%
27	9.688	695	700	702	rBV	171893	205666	2.46%	0.152%
28	9.745	702	705	706	rBV	1721220	2158149	25.82%	1.592%
29	9.768	706	707	710	rVB	352809	336055	4.02%	0.248%
30	9.939	721	722	726	rVV2	164515	265612	3.18%	0.196%
31	10.076	730	734	736	rBV3	70211	162626	1.95%	0.120%
32	10.179	741	743	745	rVB	656588	627143	7.50%	0.463%
33	10.282	750	752	755	rBV	364836	383877	4.59%	0.283%
34	10.351	755	758	759	rBV3	45383	85468	1.02%	0.063%

LSC Area Percent Report

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Acq On : 4 Nov 2016 20:12
Operator : UM/SJ
Sample : H5526-17
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-106-0.5-5.0

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-BF110316.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.396	759	762	765	rBV	429840	812375	9.72%	0.599%
36	10.453	765	767	768	rVB2	146727	177538	2.12%	0.131%
37	10.488	768	770	771	rBV	172163	153784	1.84%	0.113%
38	10.522	771	773	775	rBV2	1067092	1178460	14.10%	0.870%
39	10.556	775	776	780	rVB3	96930	152493	1.82%	0.113%
40	10.659	782	785	789	rBV	2325270	3437805	41.13%	2.537%
41	10.785	794	796	798	rBV	675790	702032	8.40%	0.518%
42	10.854	799	802	804	rBV2	340025	643507	7.70%	0.475%
43	10.945	808	810	811	rBV	246599	224320	2.68%	0.166%
44	10.979	811	813	815	rVV2	294468	375909	4.50%	0.277%
45	11.025	815	817	819	rVB2	217271	283650	3.39%	0.209%
46	11.071	819	821	822	rBV	158682	180228	2.16%	0.133%
47	11.105	822	824	825	rVV	2948718	2752185	32.92%	2.031%
48	11.139	825	827	829	rVV	1108152	1400433	16.75%	1.033%
49	11.185	830	831	832	rBV	143669	138685	1.66%	0.102%
50	11.254	832	837	838	rVV2	3422926	5947890	71.16%	4.389%
51	11.299	838	841	843	rVV	1176121	1563276	18.70%	1.153%
52	11.379	846	848	849	rBV	158950	181960	2.18%	0.134%
53	11.414	849	851	852	rVB	256505	210971	2.52%	0.156%
54	11.459	852	855	856	rBV2	1466813	1560568	18.67%	1.151%
55	11.528	859	861	864	rVV	2130081	1968121	23.55%	1.452%
56	11.688	873	875	876	rBV2	227308	333116	3.99%	0.246%
57	11.722	876	878	879	rVV	503080	579775	6.94%	0.428%
58	11.756	879	881	883	rVV2	489321	784353	9.38%	0.579%
59	11.802	883	885	886	rVV	3404255	3782419	45.25%	2.791%
60	11.836	886	888	893	rVB4	799971	1465611	17.53%	1.081%
61	11.939	893	897	898	rBV	1213436	1283218	15.35%	0.947%
62	11.962	898	899	901	rVB2	74592	93440	1.12%	0.069%
63	12.019	903	904	905	rBV	323300	231988	2.78%	0.171%
64	12.088	909	910	913	rBV3	186003	316990	3.79%	0.234%
65	12.168	915	917	919	rBV3	170202	302364	3.62%	0.223%
66	12.214	919	921	924	rBV2	280837	538179	6.44%	0.397%
67	12.282	924	927	929	rBV2	1306295	1788489	21.40%	1.320%
68	12.328	929	931	932	rVB	687370	630768	7.55%	0.465%
69	12.362	932	934	936	rVB	210985	269073	3.22%	0.199%
70	12.442	938	941	942	rBV	4021957	5185457	62.03%	3.826%
71	12.465	942	943	945	rBV	142338	203477	2.43%	0.150%

LSC Area Percent Report

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Operator : UM/SJ
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Misc :
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Instrument : BNA_F
ClientSampleId : SB-106-0.5-5.0

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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Start Thrs: 0.2 Max Peaks: 100
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	12.579	951	953	954	rBV2	228977	318936	3.82%	0.235%
73	12.659	957	960	962	rBV2	2840187	4413131	52.80%	3.256%
74	12.694	962	963	967	rVB2	587838	715540	8.56%	0.528%
75	12.808	971	973	976	rVB	3443536	4922829	58.89%	3.632%
76	12.991	987	989	991	rVB	615467	698951	8.36%	0.516%
77	13.059	993	995	996	rVB2	650966	875680	10.48%	0.646%
78	13.094	996	998	1002	rBV2	751398	1128979	13.51%	0.833%
79	13.174	1003	1005	1007	rVV2	343202	520958	6.23%	0.384%
80	13.391	1022	1024	1026	rBV	601833	881541	10.55%	0.650%
81	13.608	1040	1043	1044	rBV2	439027	773304	9.25%	0.571%
82	13.722	1050	1053	1056	rVB2	899798	1673463	20.02%	1.235%
83	13.860	1062	1065	1066	rBV2	2344702	3841722	45.96%	2.835%
84	14.042	1079	1081	1082	rVB	449632	488083	5.84%	0.360%
85	14.145	1088	1090	1092	rVB	398265	526184	6.29%	0.388%
86	14.202	1093	1095	1097	rBV2	358763	594393	7.11%	0.439%
87	14.340	1105	1107	1109	rBV2	491966	750963	8.98%	0.554%
88	14.442	1114	1116	1120	rVB	449568	724516	8.67%	0.535%
89	14.637	1131	1133	1137	rBV2	479928	734874	8.79%	0.542%
90	14.865	1151	1153	1157	rVB	1564977	2747686	32.87%	2.027%
91	15.140	1174	1177	1180	rBV	715708	1141065	13.65%	0.842%
92	15.197	1180	1182	1185	rVB	1180633	1432031	17.13%	1.057%
93	15.254	1185	1187	1188	rBV	997942	1218239	14.57%	0.899%
94	15.871	1239	1241	1249	rVB3	380576	1009917	12.08%	0.745%
95	16.260	1272	1275	1282	rVB3	435546	1126090	13.47%	0.831%
96	16.568	1299	1302	1306	rVB	477249	977646	11.70%	0.721%
97	16.957	1334	1336	1340	rVB	315970	528151	6.32%	0.390%

Sum of corrected areas: 135528181

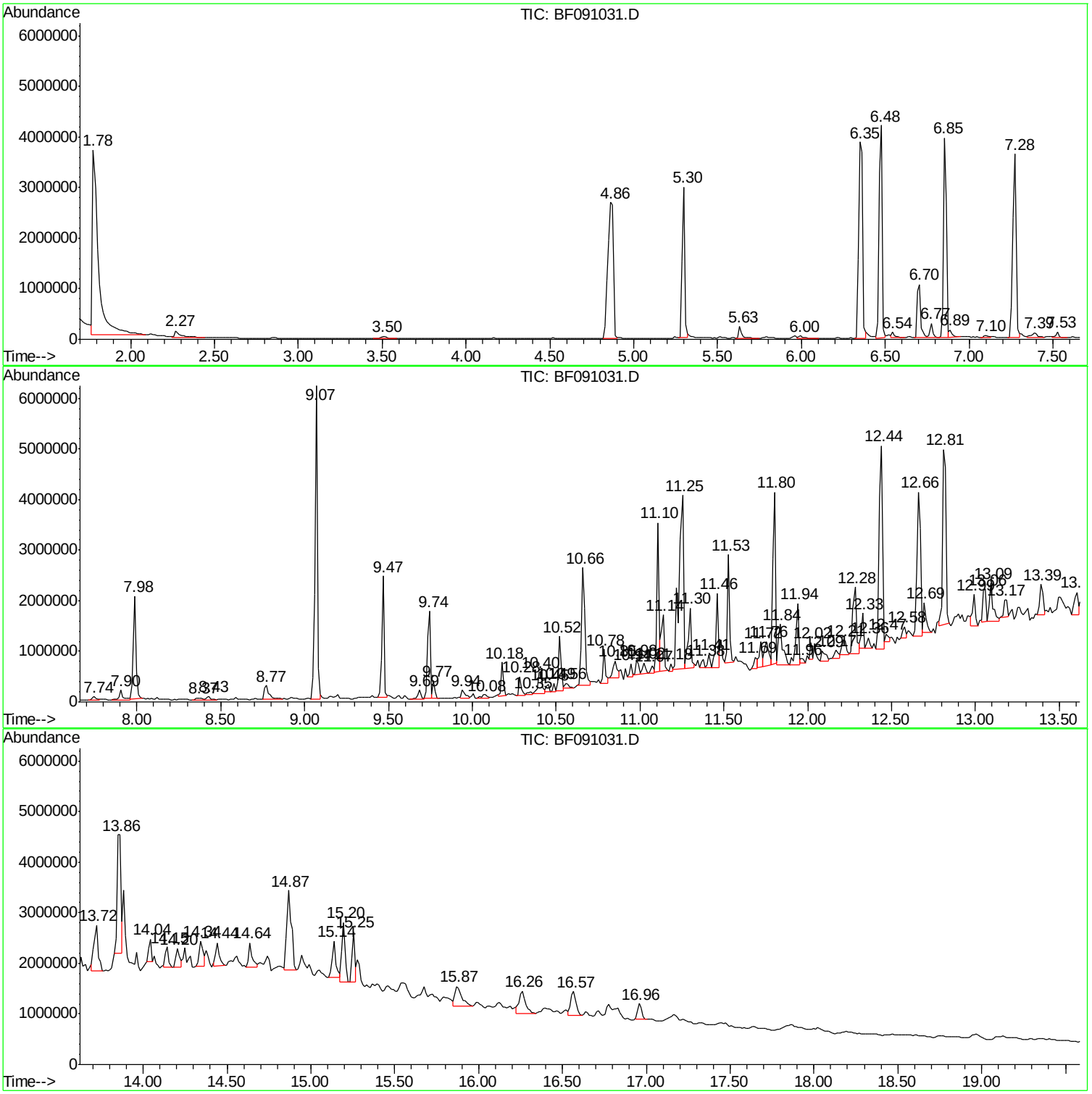
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110416\
Data File : BF091031.D
Acq On : 4 Nov 2016 20:12
Operator : UM/SJ
Sample : H5526-17
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-106-0.5-5.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.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\BF110416\
Data File : BF091031.D
Acq On : 4 Nov 2016 20:12
Operator : UM/SJ
Sample : H5526-17
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-106-0.5-5.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

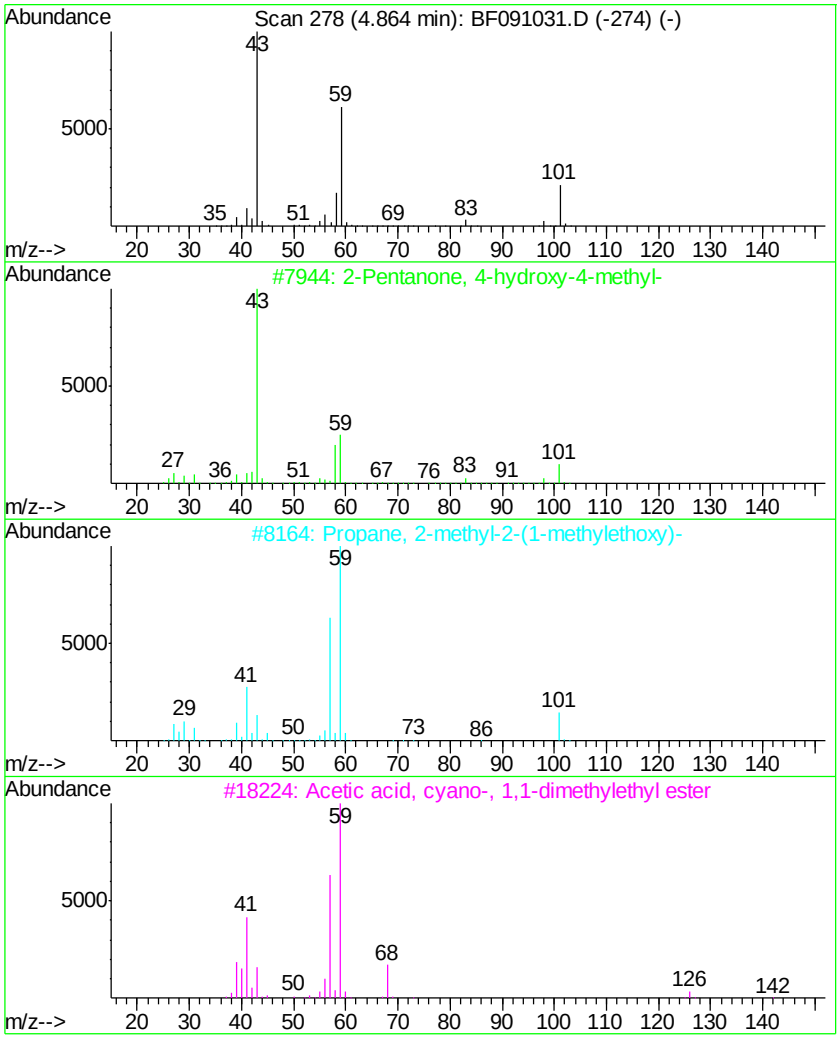
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

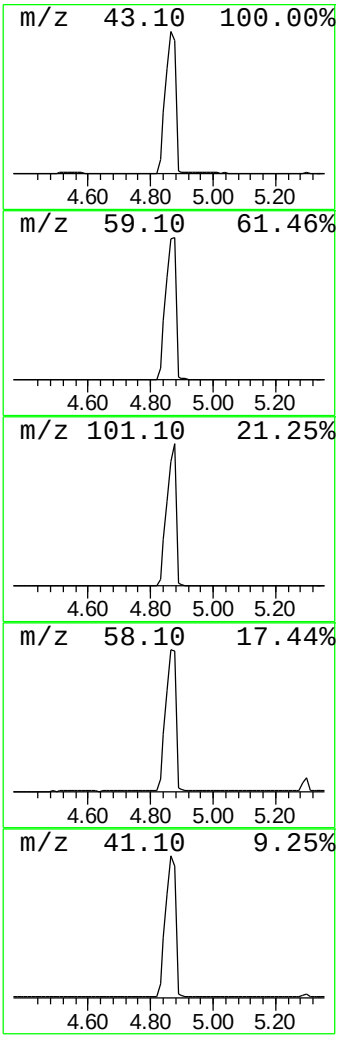
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.86	75.27 ng	5989450	1,4-Dichlorobenzene-d4	6.70

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	53
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110416\
Data File : BF091031.D
Acq On : 4 Nov 2016 20:12
Operator : UM/SJ
Sample : H5526-17
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-106-0.5-5.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

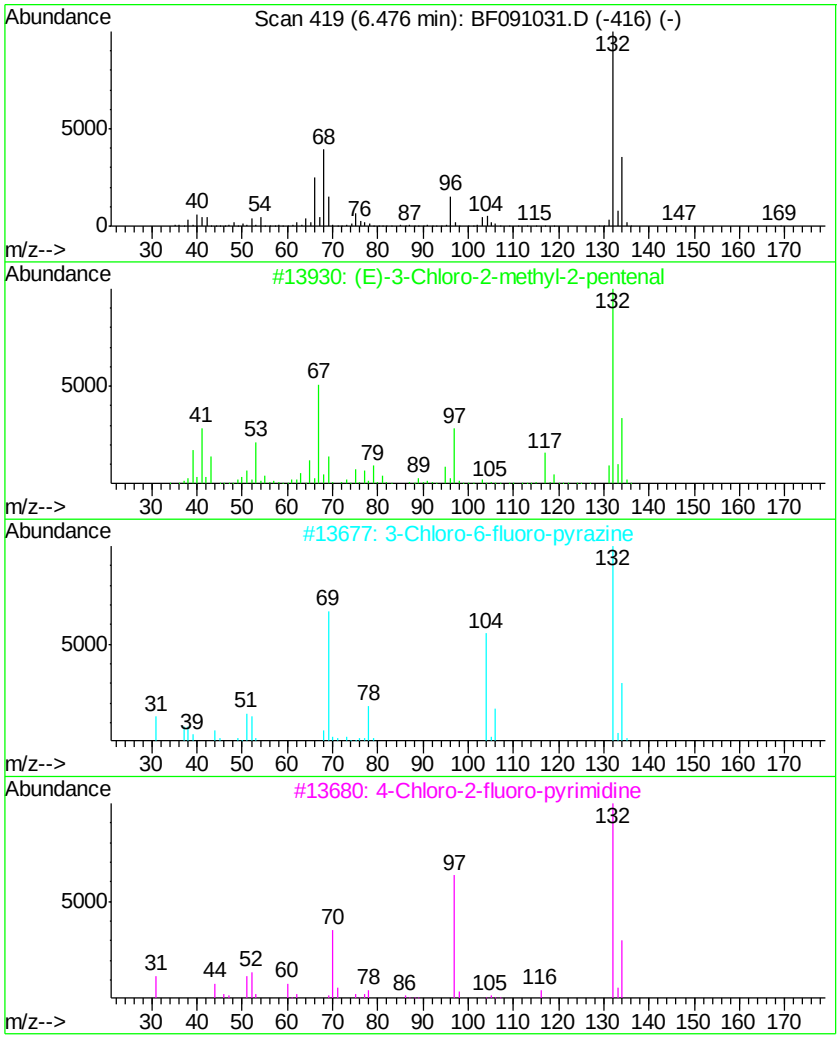
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

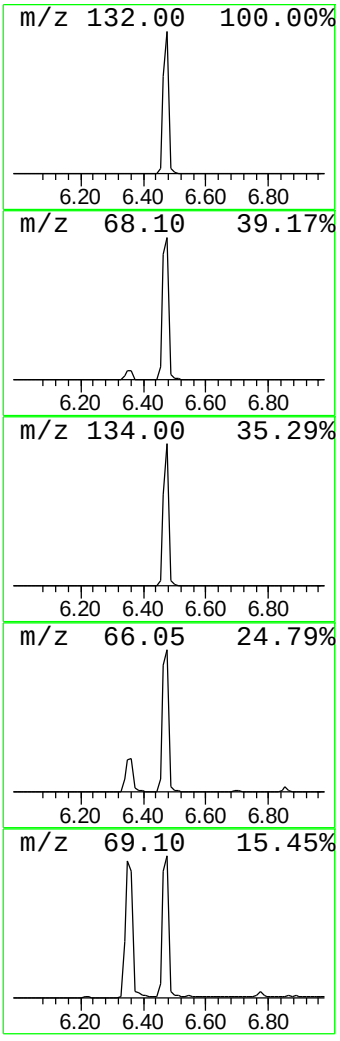
****

Peak Number 3 unknown6.48 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.48	68.83 ng	5476760	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
4	Xenon	132	Xe	007440-63-3	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110416\
Data File : BF091031.D
Acq On : 4 Nov 2016 20:12
Operator : UM/SJ
Sample : H5526-17
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-106-0.5-5.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.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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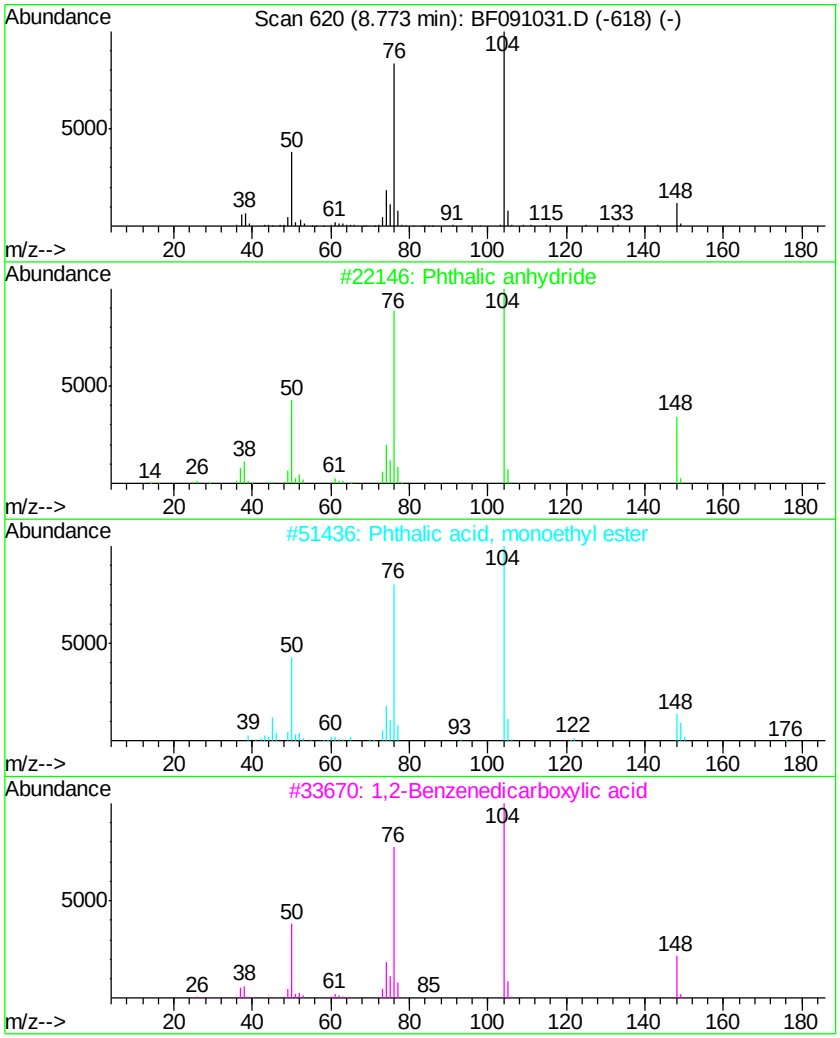
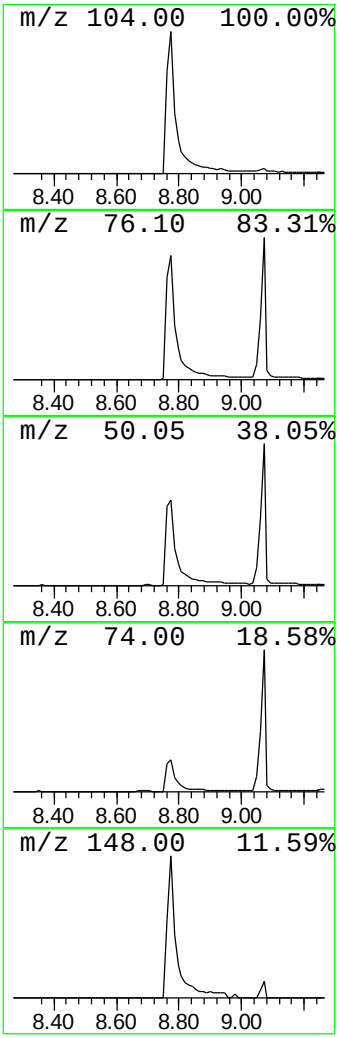
Peak Number 5 Phthalic anhydride Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.77	5.91 ng	596579	Naphthalene-d8	7.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic anhydride	148	C8H4O3	000085-44-9	96
2	Phthalic acid, monoethyl ester	194	C10H10O4	002306-33-4	90
3	1,2-Benzenedicarboxylic acid	166	C8H6O4	000088-99-3	90
4	Bicyclo[4.2.0]octa-1,3,5-triene-...	132	C8H4O2	006383-11-5	86
5	Phthalamic acid	165	C8H7NO3	000088-97-1	83





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110416\
Data File : BF091031.D
Acq On : 4 Nov 2016 20:12
Operator : UM/SJ
Sample : H5526-17
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-106-0.5-5.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.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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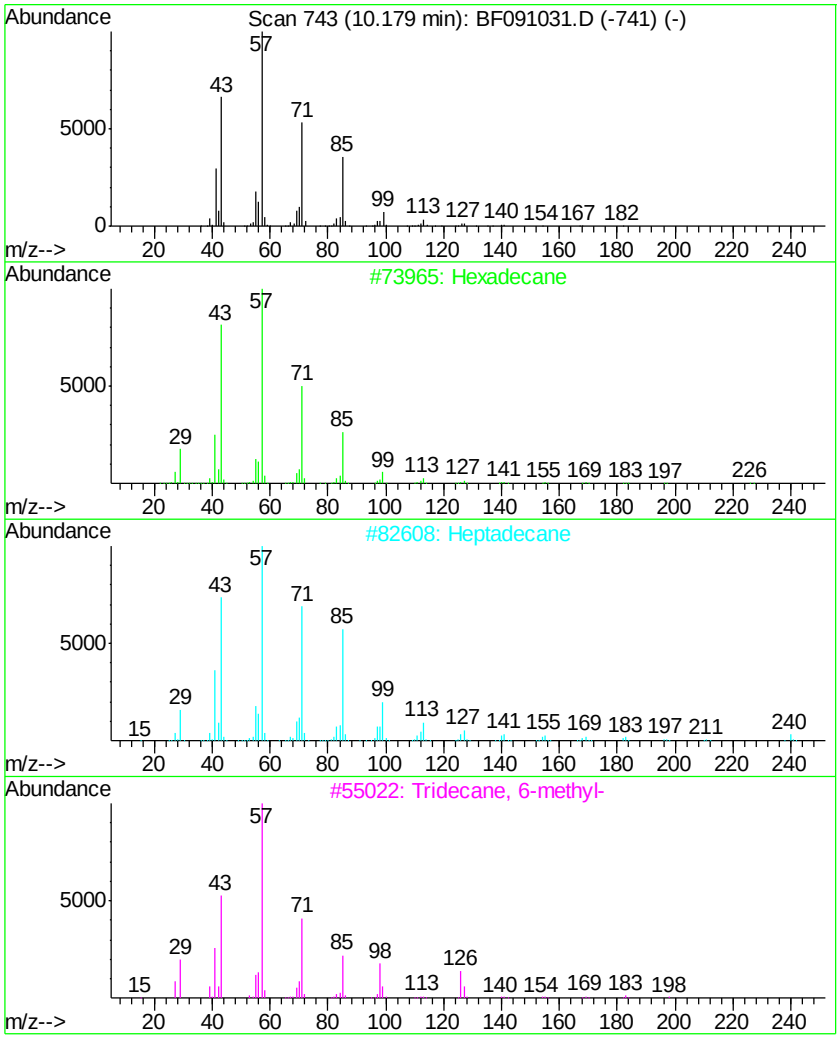
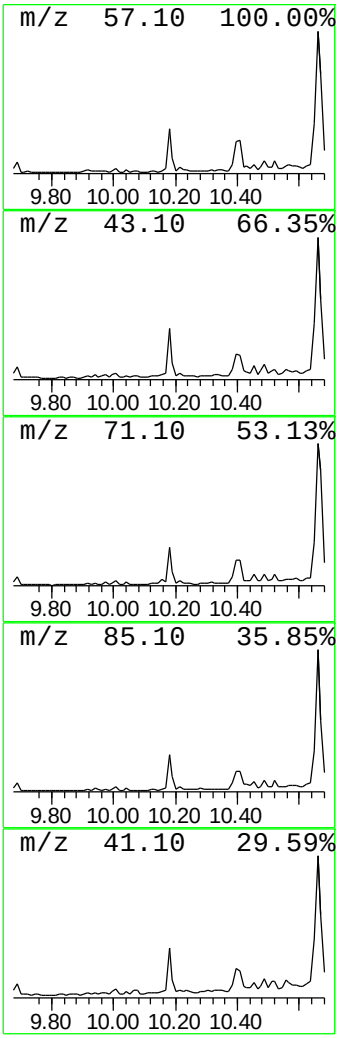
Peak Number 6 Hexadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.18	5.81 ng	627143	Acenaphthene-d10	9.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	86
2	Heptadecane	240	C17H36	000629-78-7	83
3	Tridecane, 6-methyl-	198	C14H30	013287-21-3	78
4	Nonane, 5-butyl-	184	C13H28	017312-63-9	72
5	Tetratetracontane	619	C44H90	007098-22-8	72





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110416\
Data File : BF091031.D
Acq On : 4 Nov 2016 20:12
Operator : UM/SJ
Sample : H5526-17
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-106-0.5-5.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.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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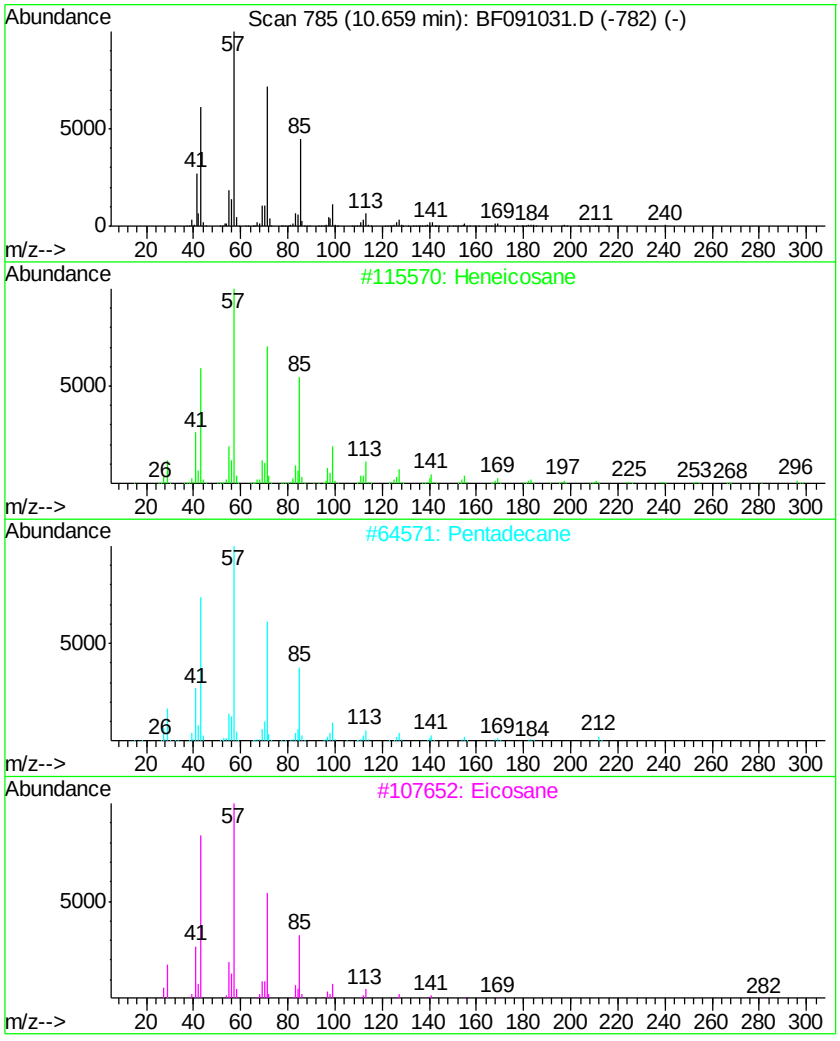
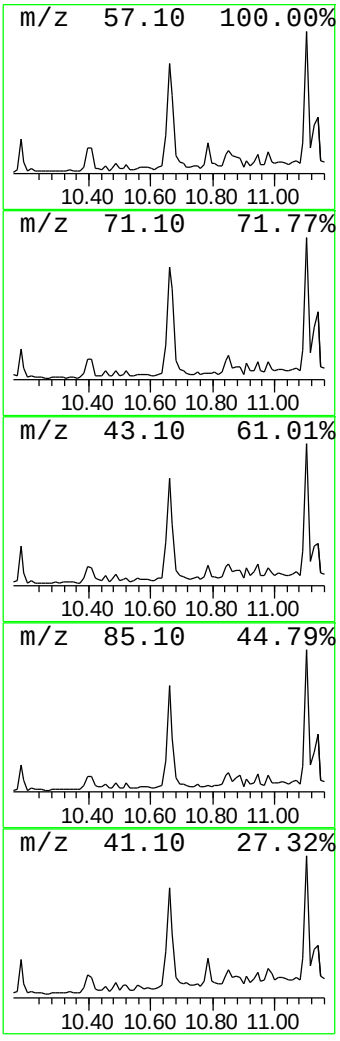
Peak Number 8 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.66	11.56 ng	3437810	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Pentadecane	212	C15H32	000629-62-9	91
3	Eicosane	282	C20H42	000112-95-8	91
4	Tetracosane	338	C24H50	000646-31-1	90
5	Hexadecane	226	C16H34	000544-76-3	90





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110416\
Data File : BF091031.D
Acq On : 4 Nov 2016 20:12
Operator : UM/SJ
Sample : H5526-17
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-106-0.5-5.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.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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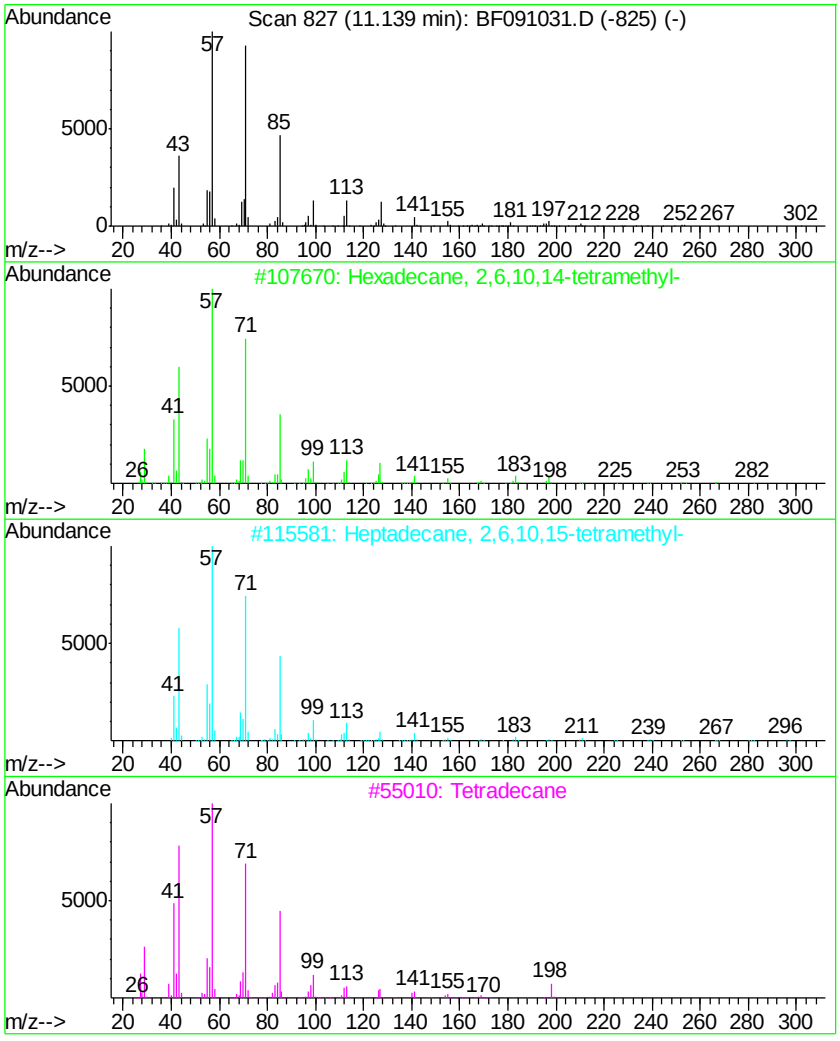
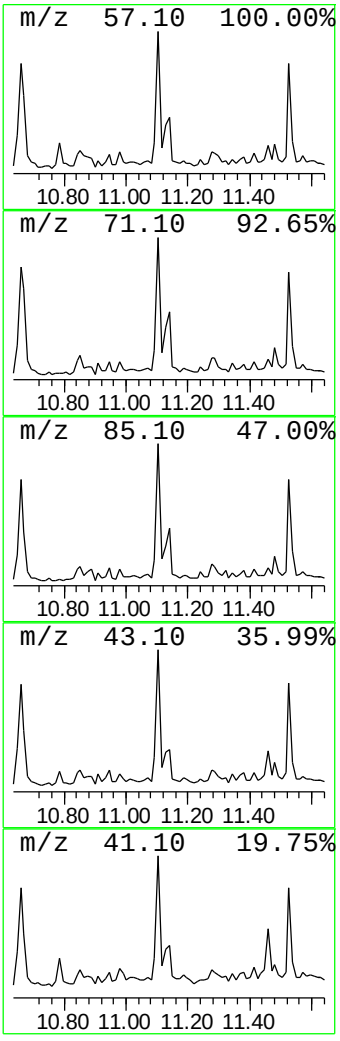
Peak Number 10 Hexadecane, 2,6,10,14-tetra... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.14	4.71 ng	1400430	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	91
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
3	Tetradecane	198	C14H30	000629-59-4	83
4	Docosane	310	C22H46	000629-97-0	83
5	Tritetracontane	605	C43H88	007098-21-7	83





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Data File : BF091031.D
Acq On : 4 Nov 2016 20:12
Operator : UM/SJ
Sample : H5526-17
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-106-0.5-5.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.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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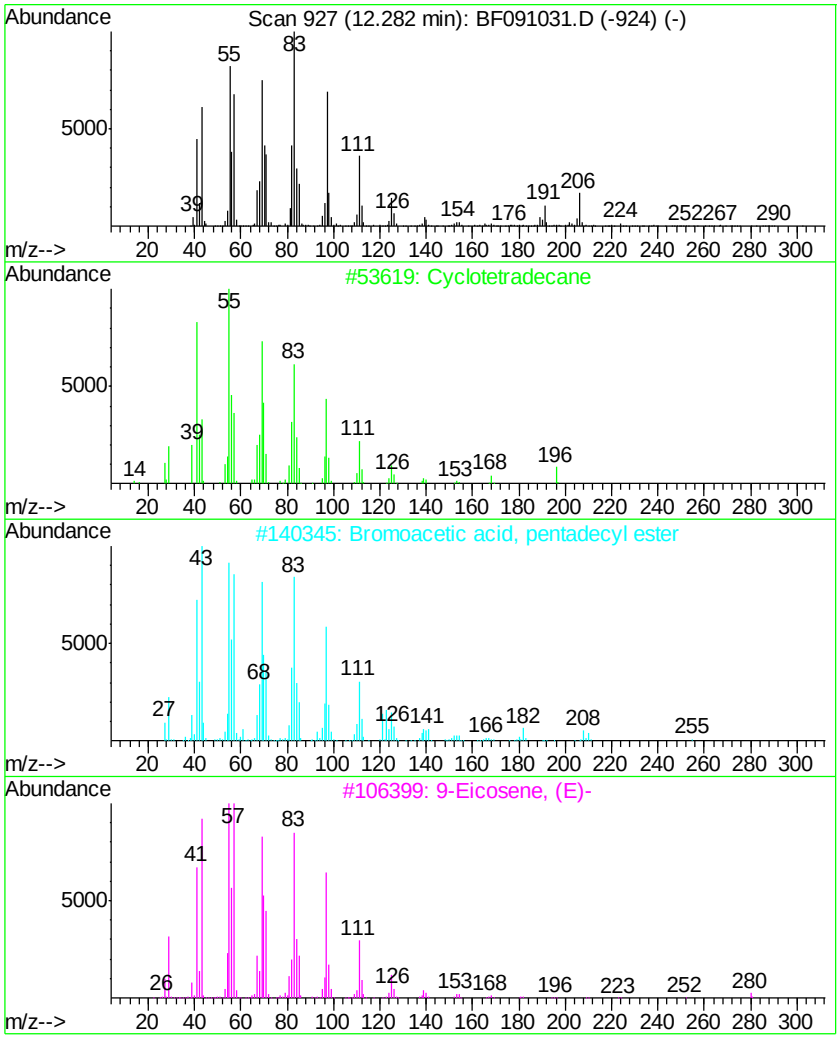
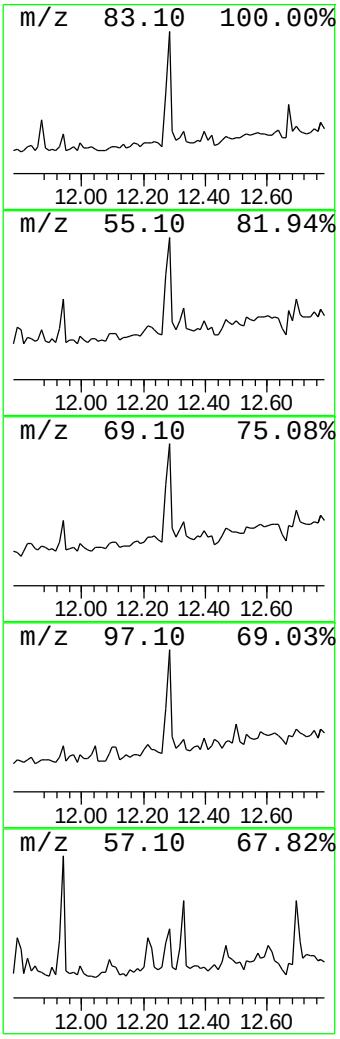
Peak Number 12 Cyclotetradecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.28	6.01 ng	1788490	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetradecane	196	C14H28	000295-17-0	94
2	Bromoacetic acid, pentadecyl ester	348	C17H33BrO2	131143-01-6	91
3	9-Eicosene, (E)-	280	C20H40	074685-29-3	90
4	1-Nonadecene	266	C19H38	018435-45-5	90
5	9-Octadecene, (E)-	252	C18H36	007206-25-9	87





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Instrument : BNA_F
ClientSampleId : SB-106-0.5-5.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.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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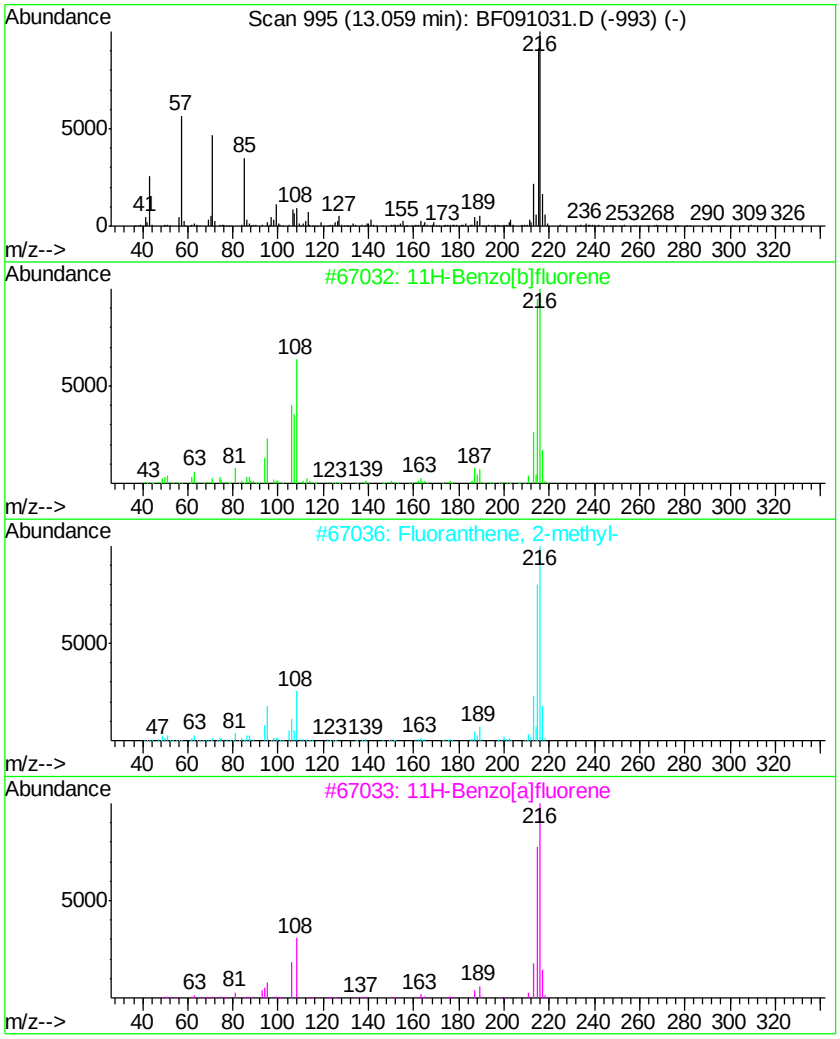
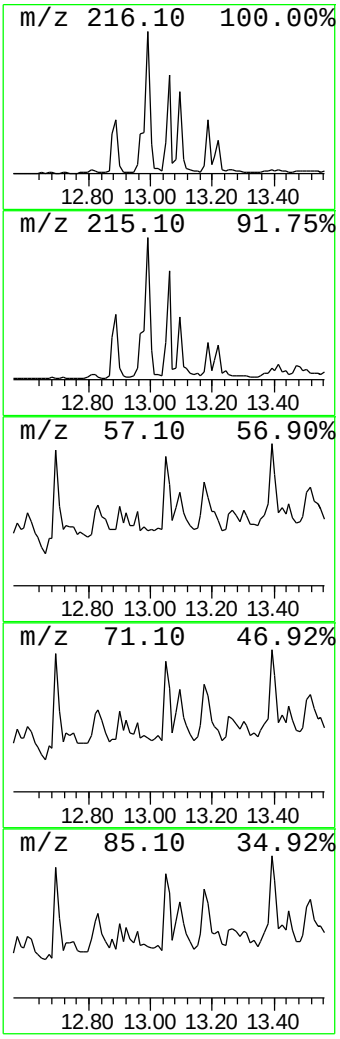
Peak Number 13 11H-Benzo[b]fluorene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.06	4.56 ng	875680	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	78
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	64
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	55
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	46





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Sample : H5526-17
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ClientSampleId : SB-106-0.5-5.0

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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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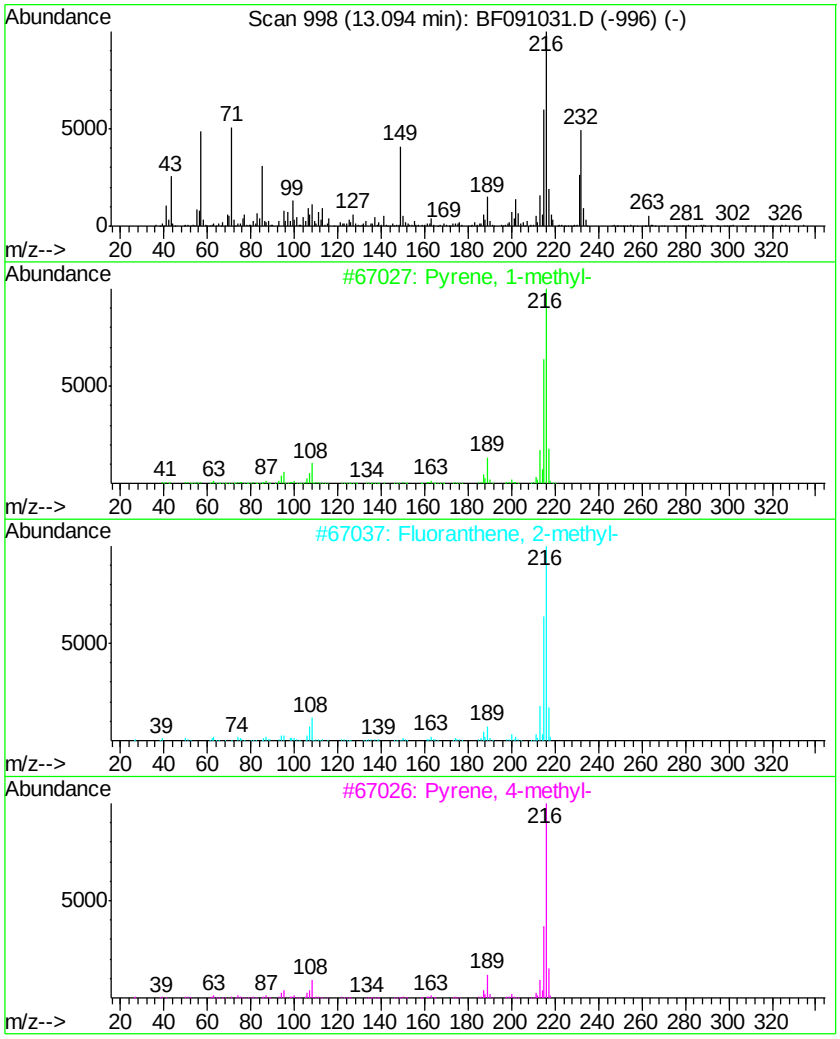
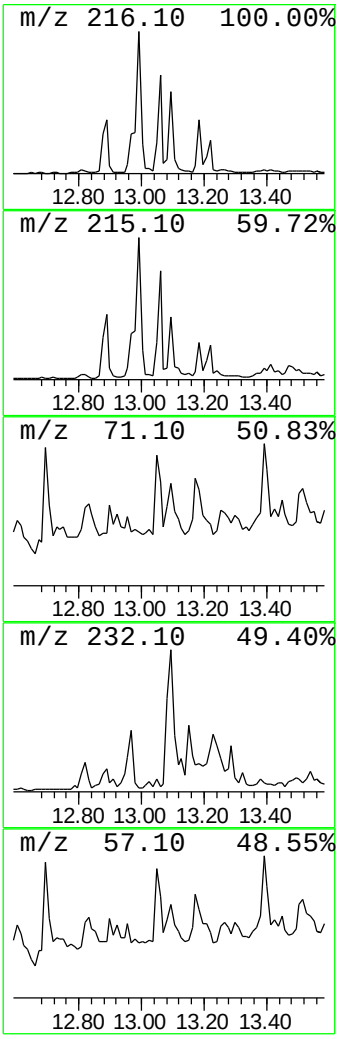
Peak Number 14 Pyrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.09	5.88 ng	1128980	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	89
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	70
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	62
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	46





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Instrument : BNA_F
ClientSampleId : SB-106-0.5-5.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.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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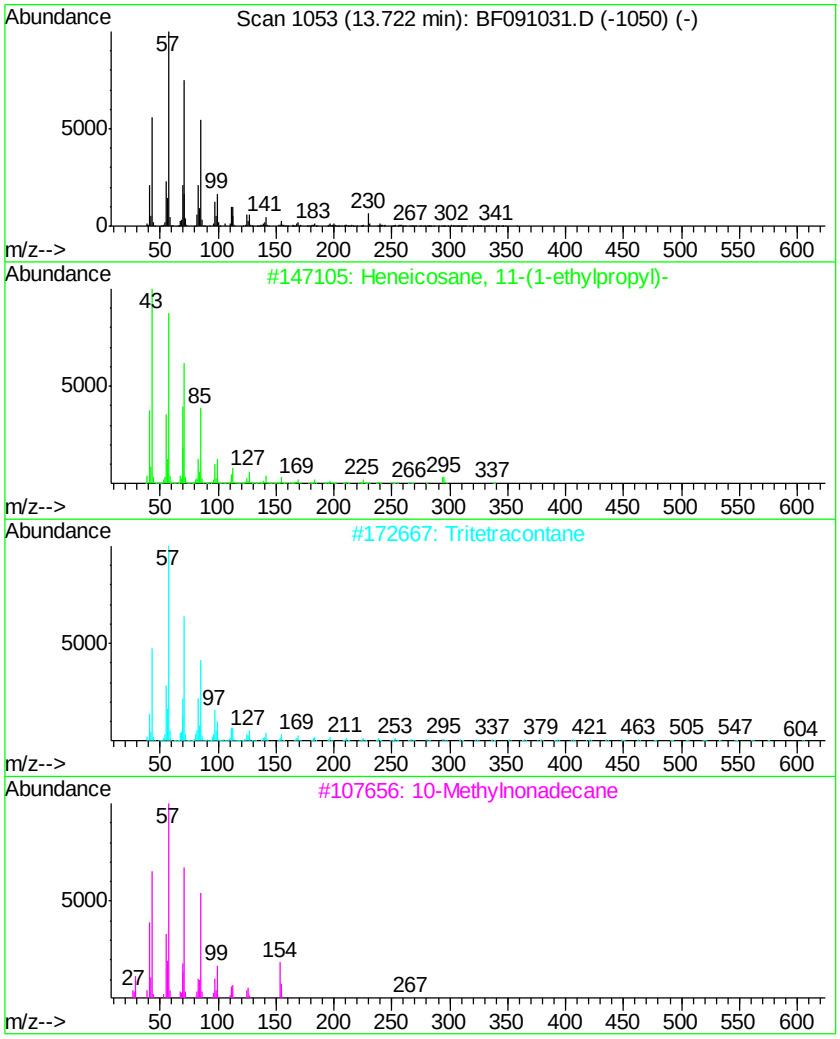
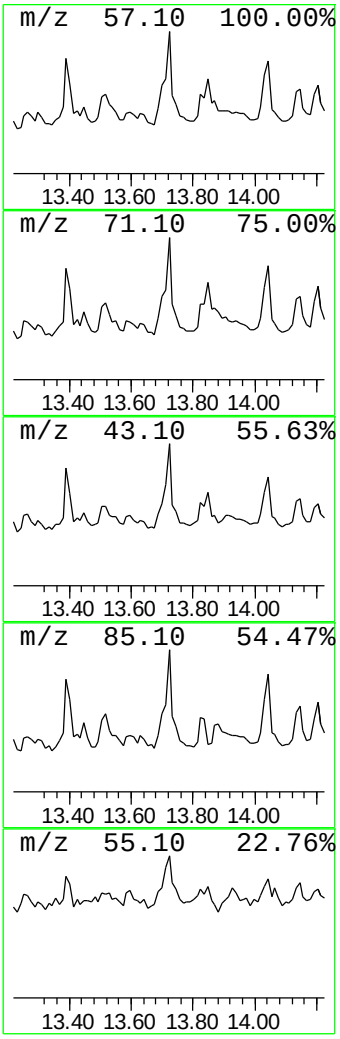
Peak Number 16 Heneicosane, 11-(1-ethylpro... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	8.71 ng	1673460	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90
2	Tritetracontane	605	C43H88	007098-21-7	87
3	10-Methylnonadecane	282	C20H42	056862-62-5	87
4	Heptacosane	380	C27H56	000593-49-7	86
5	Nonadecane	268	C19H40	000629-92-5	83





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Acq On : 4 Nov 2016 20:12
Operator : UM/SJ
Sample : H5526-17
Misc :
ALS Vial : 23 Sample Multiplier: 1

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ClientSampleId : SB-106-0.5-5.0

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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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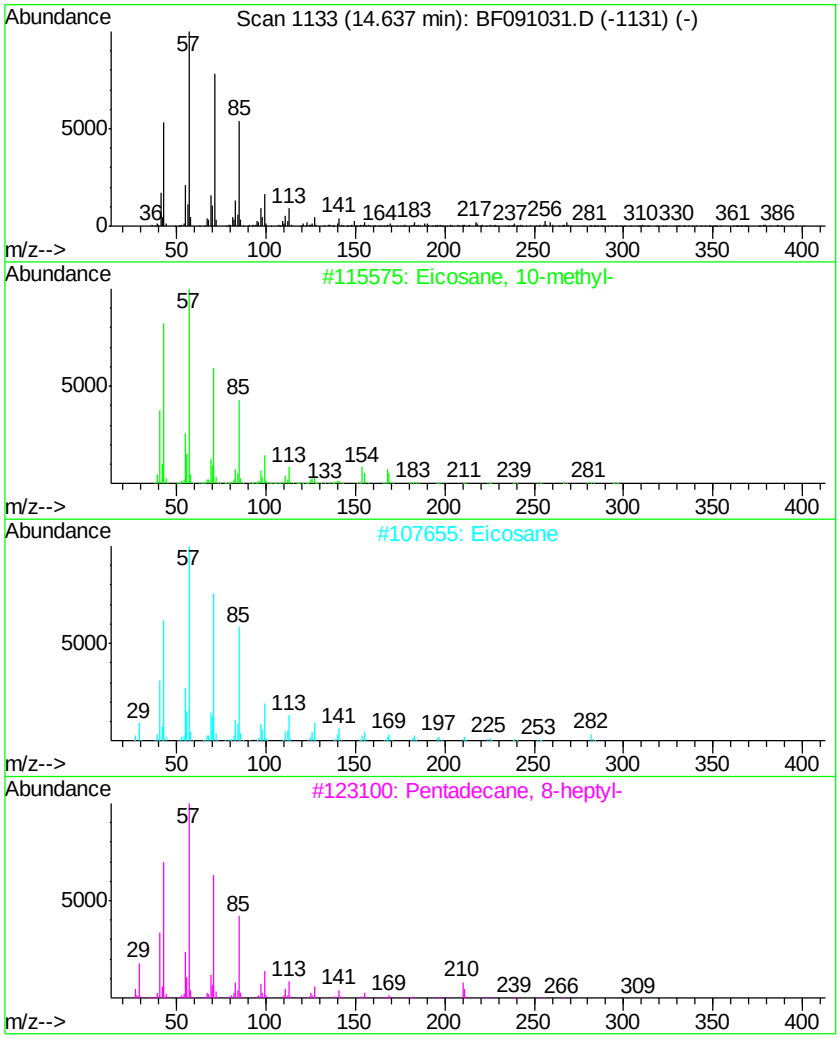
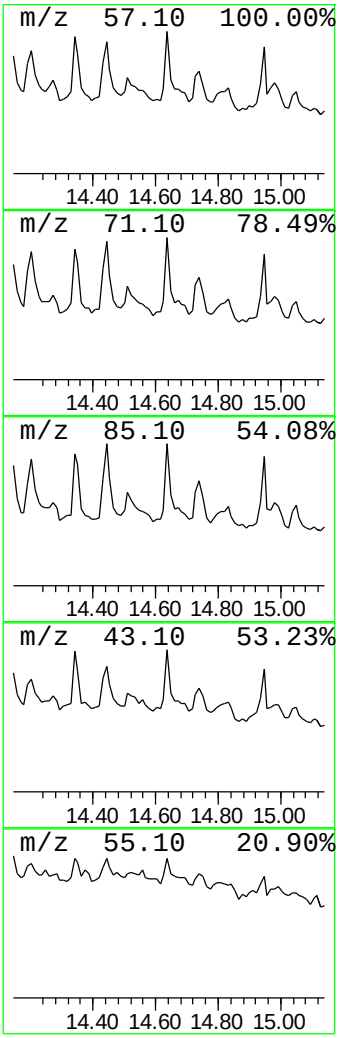
Peak Number 17 Eicosane, 10-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	12.06 ng	734874	Perylene-d12	15.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 10-methyl-	296	C21H44	054833-23-7	94
2	Eicosane	282	C20H42	000112-95-8	94
3	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	87
5	Hexadecane	226	C16H34	000544-76-3	86





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ALS Vial : 23 Sample Multiplier: 1

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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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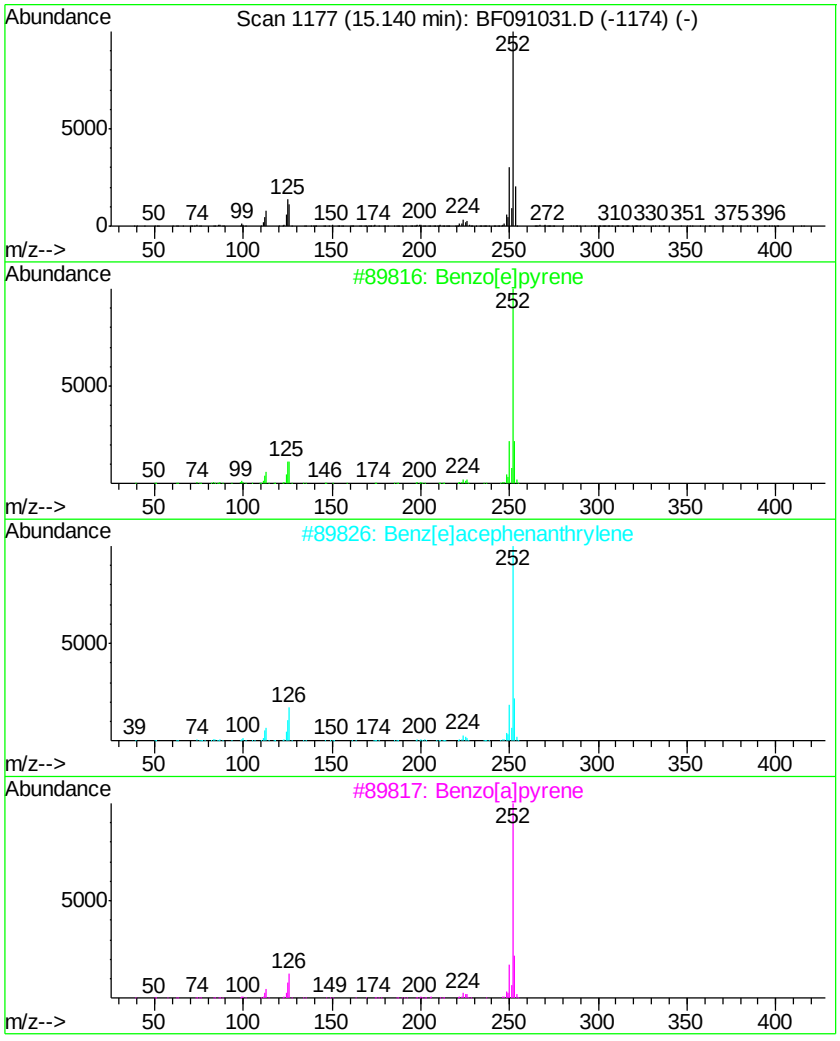
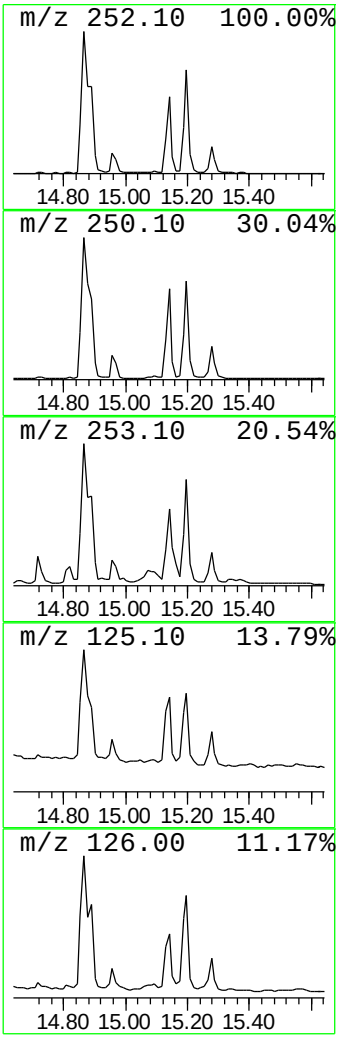
Peak Number 18 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.14	18.73 ng	1141070	Perylene-d12	15.25

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	93
4	Perylene	252	C20H12	000198-55-0	91
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	89





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Sample : H5526-17
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-106-0.5-5.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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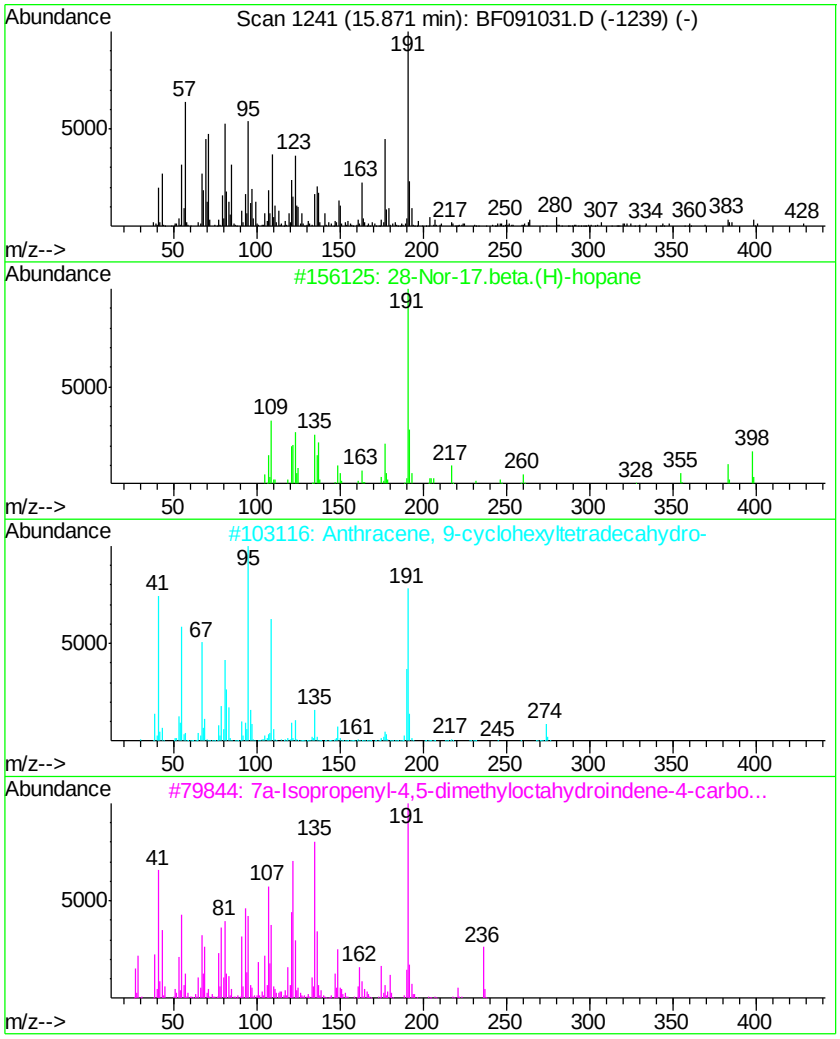
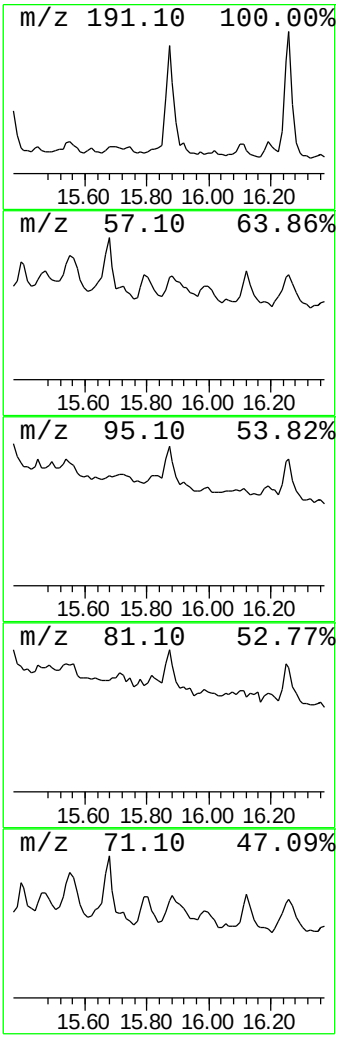
Peak Number 19 28-Nor-17.beta.(H)-hopane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.87	16.58 ng	1009920	Perylene-d12	15.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	28-Nor-17.beta.(H)-hopane	398	C29H50	036728-72-0	58
2	Anthracene, 9-cyclohexyltetradec...	274	C20H34	055255-70-4	43
3	7a-Isopropenyl-4,5-dimethyloctah...	236	C15H24O2	1000192-14-7	38
4	Phenanthrene, 9-dodecyltetradeca...	360	C26H48	055334-01-5	32
5	2H-1,2,3-Triazole-4-carboxaldehy...	191	C9H6FN3O	051306-43-5	32





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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-106-0.5-5.0

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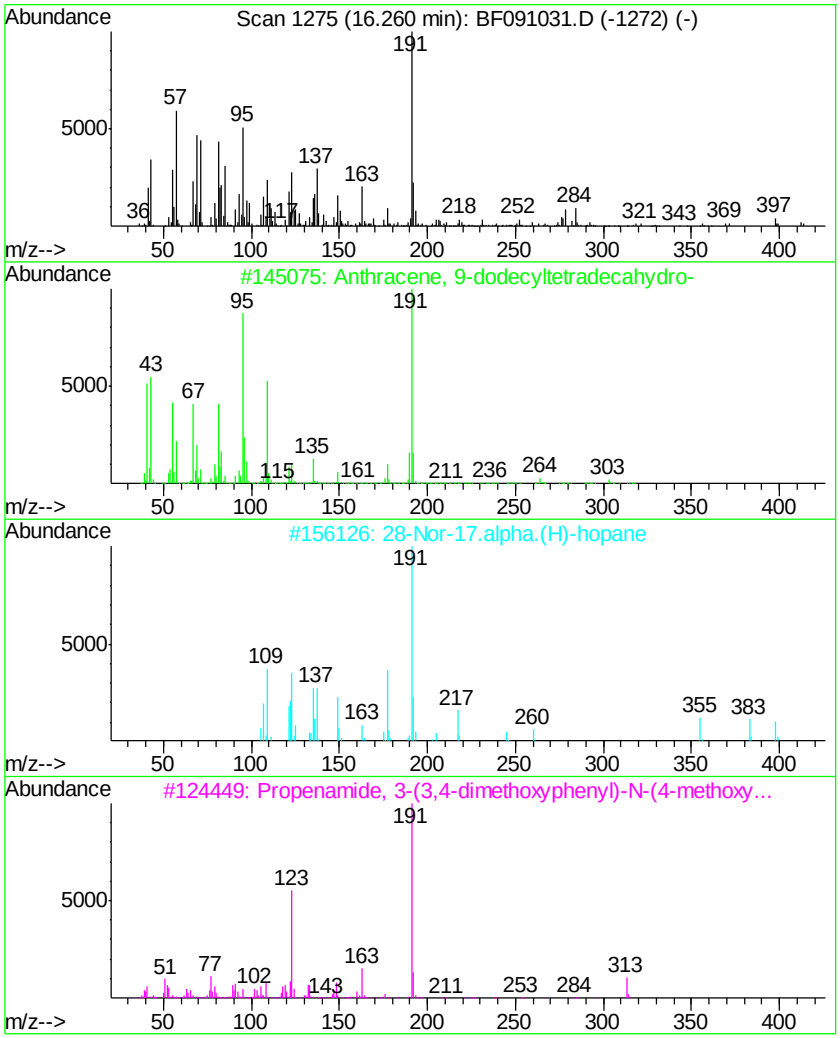
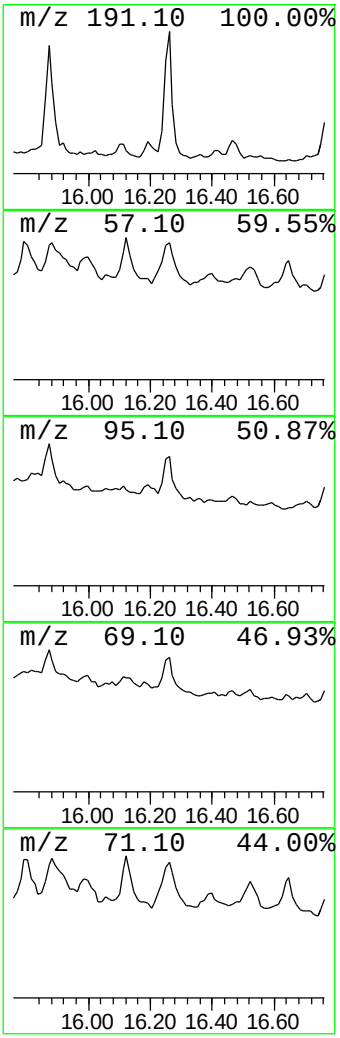
Peak Number 20 unknown16.26 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.26	18.49 ng	1126090	Perylene-d12	15.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-dodecyltetradecahy...	360	C26H48	055401-75-7	37
2	28-Nor-17.alpha.(H)-hopane	398	C29H50	053584-60-4	32
3	Propenamide, 3-(3,4-dimethoxyphe...	313	C18H19NO4	339165-72-9	27
4	1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	25
5	Phenol, 3,5-bis(1,1-dimethylethyl)-	206	C14H22O	001138-52-9	22





Tentatively Identified Compound (LSC) summary

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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...	4.86	75.3	ng	5989450	1	6.70	1591360	20.0
unknown6.48	6.48	68.8	ng	5476760	1	6.70	1591360	20.0
Phthalic anhydride	8.77	5.9	ng	596579	2	7.98	2020250	20.0
Hexadecane	10.18	5.8	ng	627143	3	9.74	2158150	20.0
Heneicosane	10.66	11.6	ng	3437810	4	11.22	5947890	20.0
Hexadecane, 2,6,1...	11.14	4.7	ng	1400430	4	11.22	5947890	20.0
Cyclotetradecane	12.28	6.0	ng	1788490	4	11.22	5947890	20.0
11H-Benzo[b]fluorene	13.06	4.6	ng	875680	5	13.86	3841720	20.0
Pyrene, 1-methyl-	13.09	5.9	ng	1128980	5	13.86	3841720	20.0
Heneicosane, 11-(...	13.72	8.7	ng	1673460	5	13.86	3841720	20.0
Eicosane, 10-methyl-	14.64	12.1	ng	734874	6	15.25	1218240	20.0
Benzo[e]pyrene	15.14	18.7	ng	1141070	6	15.25	1218240	20.0
28-Nor-17.beta.(H...	15.87	16.6	ng	1009920	6	15.25	1218240	20.0
unknown16.26	16.26	18.5	ng	1126090	6	15.25	1218240	20.0