LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060515\
Data File : BF079757.D
Acq On : 6 Jun 2015 5:58
Operator : TP/IZ
Sample : G2450-18 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT440NB6.3(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-BF060515.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	1.324	11	12	14	rVB	15829614	10971715	100.00%	18.838%
2	1.713	43	46	48	rVB	1396602	2003962	18.26%	3.441%
3	2.078	76	78	91	rVB3	105837	336902	3.07%	0.578%
4	2.250	91	93	105	rVV	83279	277184	2.53%	0.476%
5	2.433	107	109	123	rVB	1338093	2208031	20.12%	3.791%
6	6.102	428	430	433	rVB	633244	543138	4.95%	0.933%
7	7.073	514	515	518	rVB	425583	511040	4.66%	0.877%
8	7.256	529	531	533	rVB	645972	569709	5.19%	0.978%
9	7.485	549	551	554	rBV	256068	315858	2.88%	0.542%
10	7.645	563	565	568	rBV	413610	430835	3.93%	0.740%
11	8.045	597	600	601	rBV	315863	298367	2.72%	0.512%
12	8.787	662	665	667	rBV	334450	488849	4.46%	0.839%
13	9.496	726	727	729	rVB	203689	205433	1.87%	0.353%
14	9.793	749	753	754	rBV2	145094	226705	2.07%	0.389%
15	9.862	757	759	761	rVV	549564	742186	6.76%	1.274%
16	9.919	763	764	766	rVV	463904	461663	4.21%	0.793%
17	9.965	766	768	771	rVV4	127169	293677	2.68%	0.504%
18	10.068	774	777	780	rVV	241147	376492	3.43%	0.646%
19	10.136	780	783	785	rVV	520224	817821	7.45%	1.404%
20	10.205	787	789	790	rVV	554903	616220	5.62%	1.058%
21	10.239	790	792	797	rVB4	606275	1031317	9.40%	1.771%
22	10.331	797	800	803	rBV3	327375	518093	4.72%	0.890%
23	10.456	809	811	813	rBV	580356	501610	4.57%	0.861%
24	10.525	815	817	818	rVV	224600	198558	1.81%	0.341%
25	10.559	818	820	827	rVB2	669062	986116	8.99%	1.693%
26	10.651	827	828	831	rBV	310610	533502	4.86%	0.916%
27	10.753	835	837	839	rBV2	481188	555281	5.06%	0.953%
28	10.799	839	841	843	rVB	386737	421858	3.84%	0.724%
29	10.868	846	847	849	rBV	207681	302391	2.76%	0.519%
30	10.902	849	850	853	rVB	483035	391270	3.57%	0.672%
31	10.959	853	855	859	rBV2	785072	1004120	9.15%	1.724%
32	11.028	859	861	862	rBV2	145719	170856	1.56%	0.293%
33	11.131	865	870	871	rBV2	257096	534806	4.87%	0.918%
34	11.188	873	875	876	rVV	280857	295791	2.70%	0.508%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060515\
Data File : BF079757.D
Acq On : 6 Jun 2015 5:58
Operator : TP/IZ
Sample : G2450-18 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT440NB6.3(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-BF060515.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.268	879	882	884	rBV3	205506	356120	3.25%	0.611%
36	11.313	884	886	888	rBV3	125306	208708	1.90%	0.358%
37	11.348	888	889	891	rBV2	392251	468323	4.27%	0.804%
38	11.439	896	897	902	rVB2	522186	1055120	9.62%	1.812%
39	11.588	908	910	912	rBV2	147275	201457	1.84%	0.346%
40	11.645	912	915	916	rBV3	104027	261483	2.38%	0.449%
41	11.725	921	922	925	rVV2	181438	253240	2.31%	0.435%
42	11.794	925	928	929	rVV3	157278	255046	2.32%	0.438%
43	11.896	932	937	938	rVV3	420610	746320	6.80%	1.281%
44	11.931	938	940	941	rVV	262775	365538	3.33%	0.628%
45	11.965	941	943	947	rVB2	237169	393987	3.59%	0.676%
46	12.068	950	952	953	rBV	700759	686050	6.25%	1.178%
47	12.091	953	954	958	rVB	903145	1019391	9.29%	1.750%
48	12.251	966	968	970	rVB2	190042	215178	1.96%	0.369%
49	12.331	973	975	977	rVB2	573798	597809	5.45%	1.026%
50	12.411	979	982	986	rVB	394796	584958	5.33%	1.004%
51	12.491	988	989	992	rBV2	168464	253984	2.31%	0.436%
52	12.536	992	993	996	rBV2	103796	199156	1.82%	0.342%
53	12.582	996	997	998	rBV	596222	642386	5.85%	1.103%
54	12.616	998	1000	1002	rVB	1125142	1076305	9.81%	1.848%
55	12.662	1002	1004	1006	rBV	309248	344155	3.14%	0.591%
56	12.696	1006	1007	1009	rBV	474590	549636	5.01%	0.944%
57	12.731	1009	1010	1011	rVB	451785	313480	2.86%	0.538%
58	12.834	1017	1019	1020	rVB2	243120	303914	2.77%	0.522%
59	12.891	1022	1024	1026	rBV2	410977	584476	5.33%	1.004%
60	12.971	1030	1031	1033	rBV2	174278	182387	1.66%	0.313%
61	13.051	1036	1038	1040	rVV2	531934	635265	5.79%	1.091%
62	13.085	1040	1041	1042	rVV	372835	305182	2.78%	0.524%
63	13.165	1046	1048	1050	rBV	1137543	1169817	10.66%	2.009%
64	13.199	1050	1051	1053	rVV	258405	445943	4.06%	0.766%
65	13.257	1055	1056	1058	rBV	313137	441376	4.02%	0.758%
66	13.348	1062	1064	1066	rBV3	294736	441382	4.02%	0.758%
67	13.519	1077	1079	1080	rBV2	141172	237000	2.16%	0.407%
68	13.577	1082	1084	1085	rVV	295578	310552	2.83%	0.533%
69	13.611	1085	1087	1089	rVB2	854974	1144755	10.43%	1.966%
70	13.657	1089	1091	1093	rVB	394114	475782	4.34%	0.817%
71	13.737	1096	1098	1100	rVB	729336	868971	7.92%	1.492%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060515\
Data File : BF079757.D
Acq On : 6 Jun 2015 5:58
Operator : TP/IZ
Sample : G2450-18 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT440NB6.3(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

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Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060515.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.828	1104	1106	1107	rBV2	156683	183466	1.67%	0.315%
73	13.977	1117	1119	1122	rVB3	356040	440750	4.02%	0.757%
74	14.091	1127	1129	1131	rBV	741115	697912	6.36%	1.198%
75	14.205	1137	1139	1140	rBV	524830	698210	6.36%	1.199%
76	14.239	1140	1142	1143	rVB	354245	402499	3.67%	0.691%
77	14.377	1152	1154	1157	rBV	328484	366970	3.34%	0.630%
78	14.560	1168	1170	1173	rVB2	255321	362079	3.30%	0.622%
79	14.640	1175	1177	1179	rVB	265852	273254	2.49%	0.469%
80	14.685	1179	1181	1182	rBV	352474	406585	3.71%	0.698%
81	14.777	1187	1189	1198	rVB4	399651	985906	8.99%	1.693%
82	15.005	1206	1209	1211	rBV2	694981	1094658	9.98%	1.880%
83	15.177	1223	1224	1226	rBV2	234521	243491	2.22%	0.418%
84	15.497	1250	1252	1254	rVB	242967	344299	3.14%	0.591%
85	15.542	1254	1256	1258	rBV	196791	221497	2.02%	0.380%
86	15.577	1258	1259	1262	rVB2	226050	289286	2.64%	0.497%
87	16.000	1294	1296	1299	rBV2	147081	259612	2.37%	0.446%
88	16.457	1334	1336	1339	rVB2	165197	241908	2.20%	0.415%
89	16.777	1362	1364	1368	rVB	309326	477694	4.35%	0.820%
90	16.857	1369	1371	1374	rVB	168689	284650	2.59%	0.489%
91	16.948	1376	1379	1381	rBV	403349	638463	5.82%	1.096%
92	17.383	1415	1417	1419	rBV	123164	186964	1.70%	0.321%
93	19.554	1604	1607	1612	rVB	149501	404951	3.69%	0.695%

Sum of corrected areas: 58241092

LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060515\
Data File : BF079757.D
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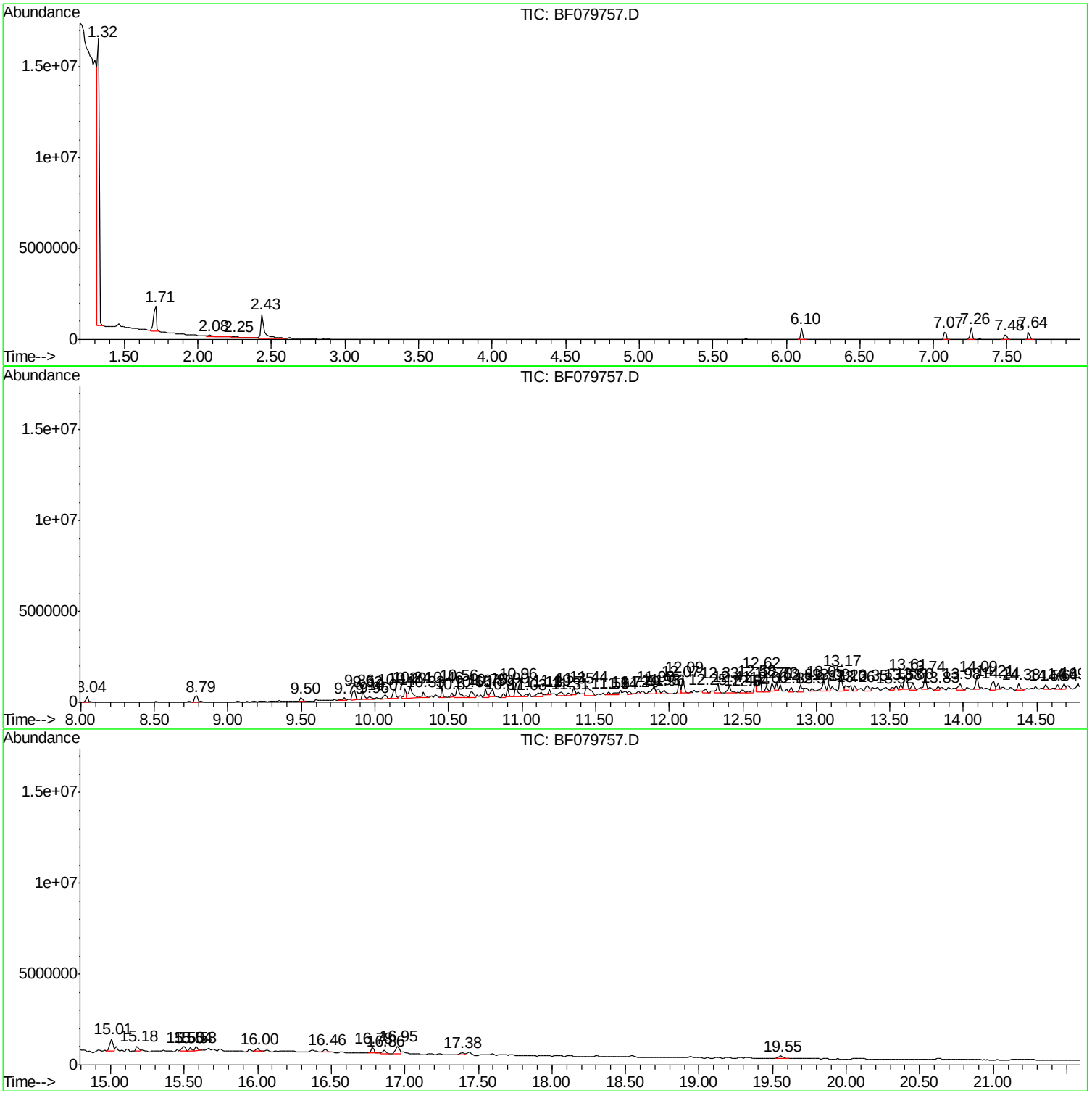
Operator : TP/IZ
Sample : G2450-18 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT440NB6.3(2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060515.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\BF060515\
Data File : BF079757.D
Acq On : 6 Jun 2015 5:58
Operator : TP/IZ
Sample : G2450-18 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT440NB6.3(2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

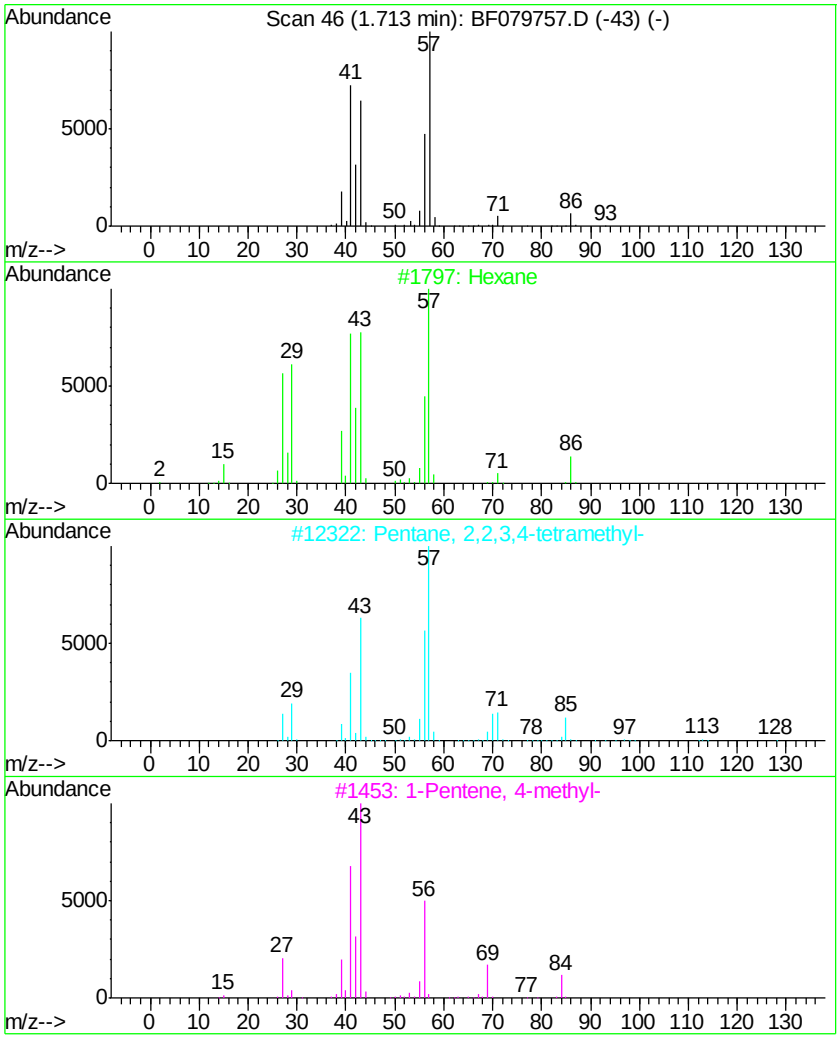
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

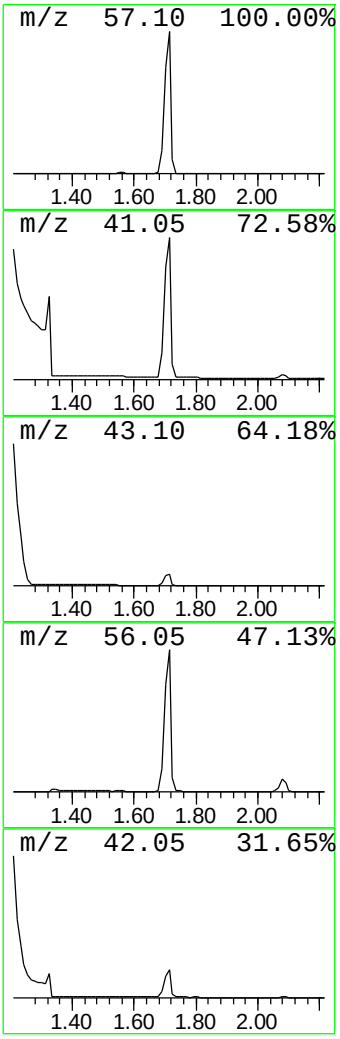
****

Peak Number 2 Hexane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.71	126.89 ng	2003960	1,4-Dichlorobenzene-d4	7.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane	86	C6H14	000110-54-3	64
2	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	36
3	1-Pentene, 4-methyl-	84	C6H12	000691-37-2	28
4	Pentane, 3-methyl-	86	C6H14	000096-14-0	25
5	3-Aminopyrrolidine	86	C4H10N2	079286-79-6	25





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060515\
Data File : BF079757.D
Acq On : 6 Jun 2015 5:58
Operator : TP/IZ
Sample : G2450-18 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT440NB6.3(2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

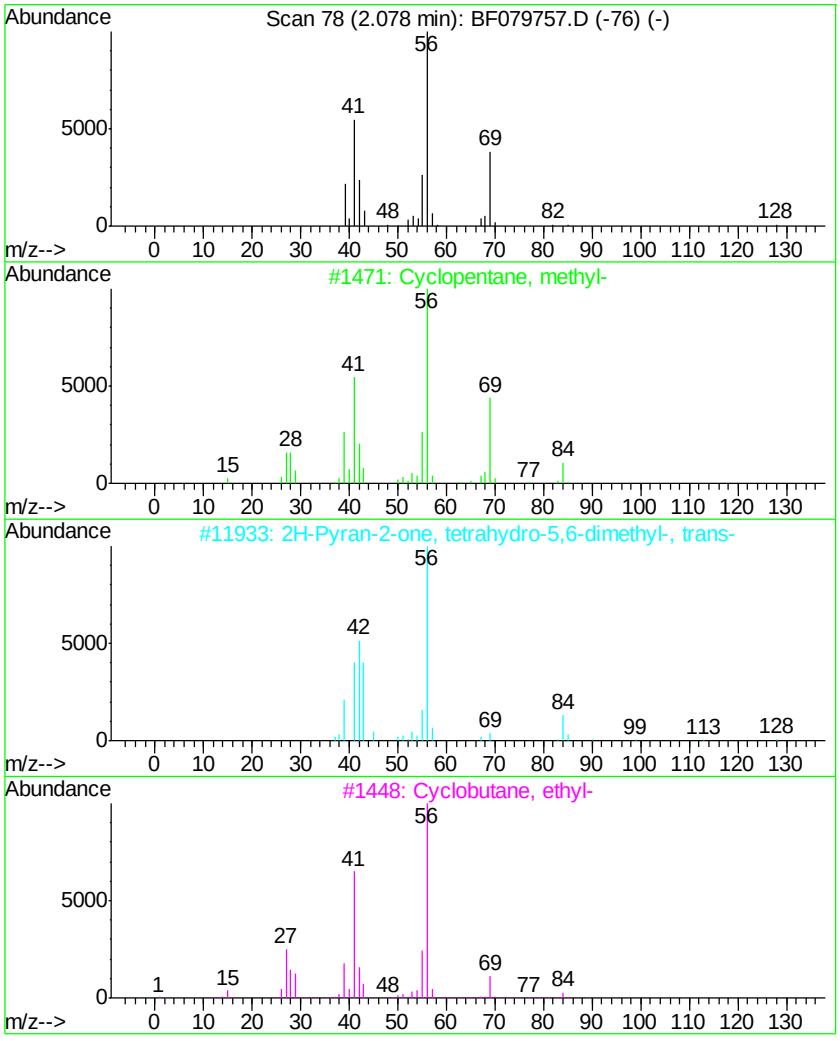
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

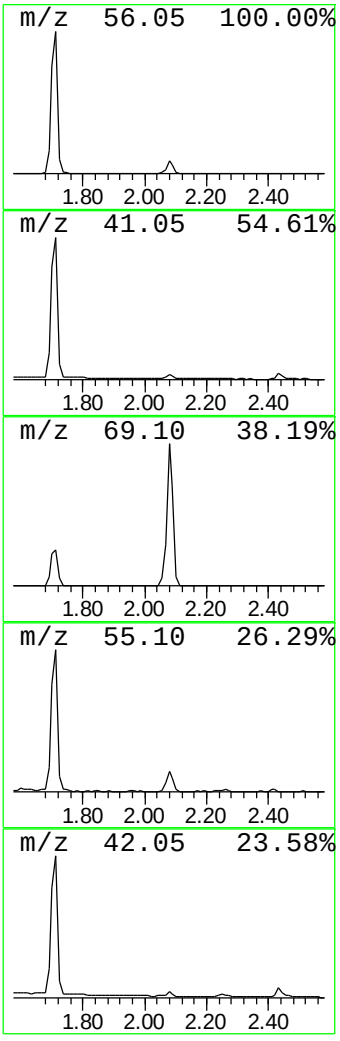
****

Peak Number 3 Cyclopentane, methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.08	21.33 ng	336902	1,4-Dichlorobenzene-d4	7.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	83
2	2H-Pyran-2-one, tetrahydro-5,6-d...	128	C7H12O2	024405-16-1	59
3	Cyclobutane, ethyl-	84	C6H12	004806-61-5	56
4	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	56
5	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	56





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060515\
Data File : BF079757.D
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Operator : TP/IZ
Sample : G2450-18 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT440NB6.3(2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060515.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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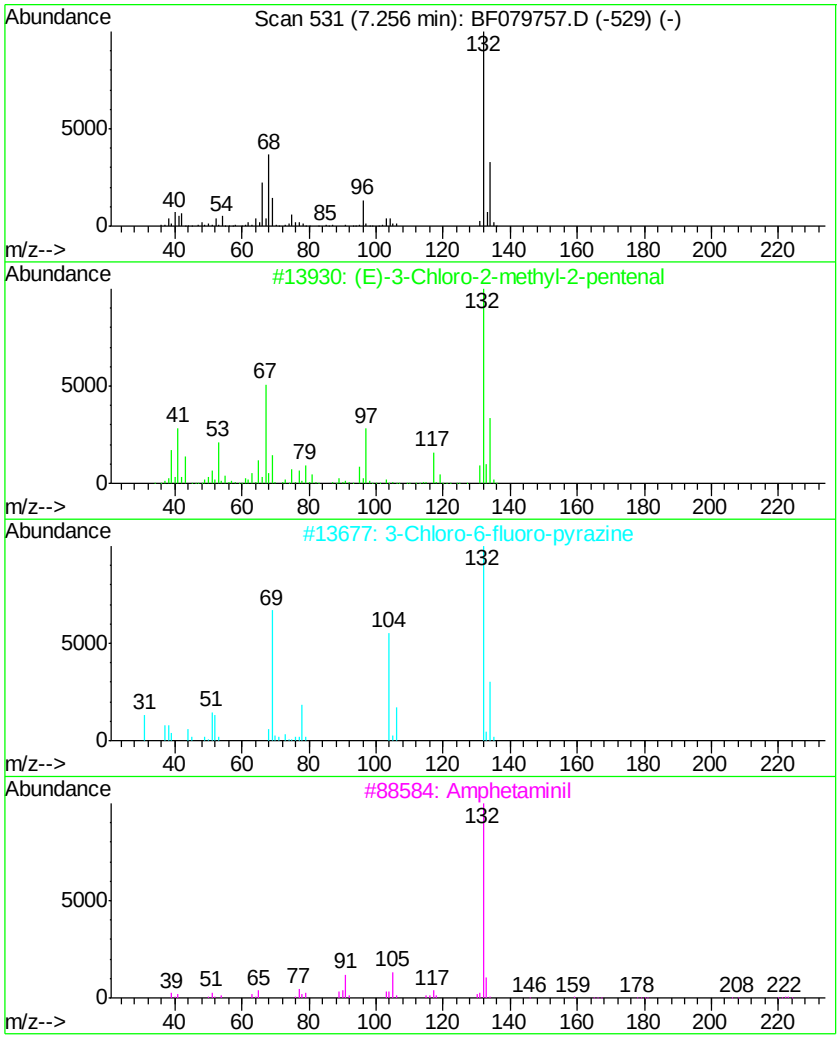
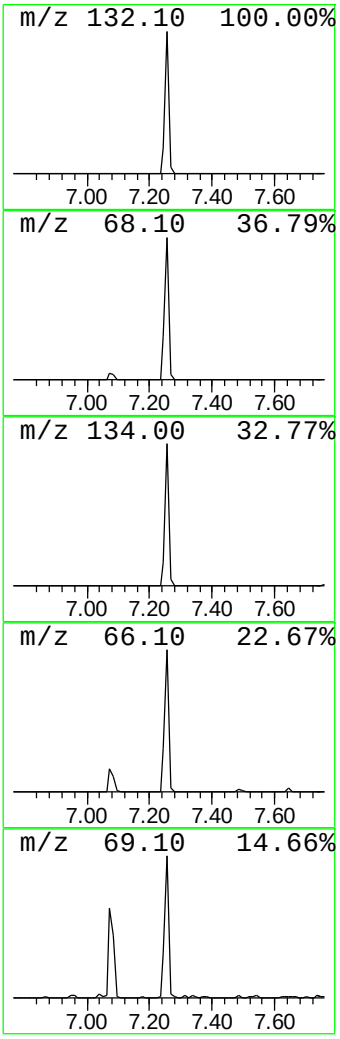
Peak Number 6 unknown7.26 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.26	36.07 ng	569709	1,4-Dichlorobenzene-d4	7.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
3	Amphetaminil	250	C17H18N2	017590-01-1	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5	5-Aminoindole	132	C8H8N2	005192-03-0	12





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060515\
Data File : BF079757.D
Acq On : 6 Jun 2015 5:58
Operator : TP/IZ
Sample : G2450-18 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT440NB6.3(2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

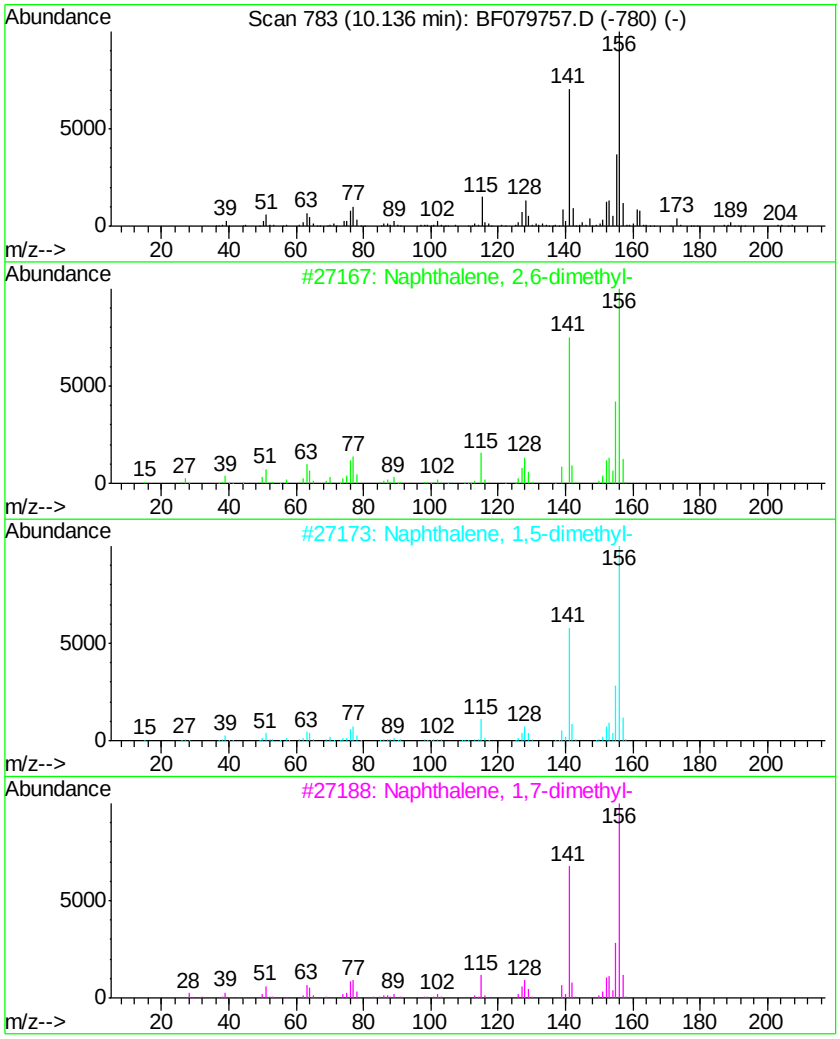
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

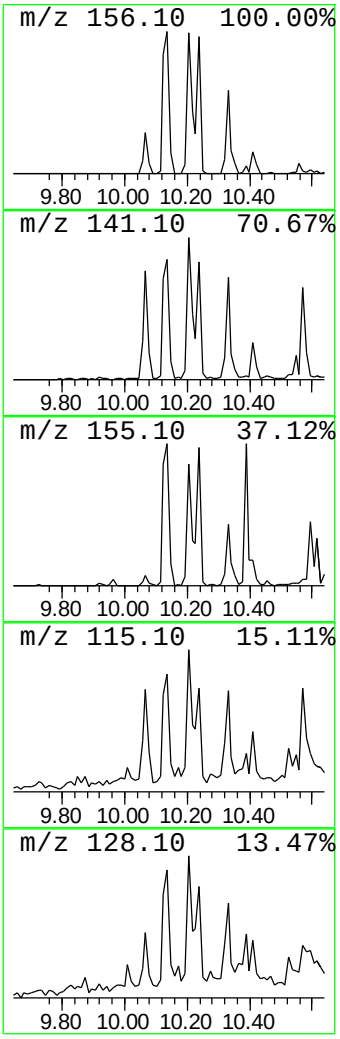
****

Peak Number 8 Naphthalene, 2,6-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.14	16.59 ng	817821	Acenaphthene-d10	10.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060515\
Data File : BF079757.D
Acq On : 6 Jun 2015 5:58
Operator : TP/IZ
Sample : G2450-18 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT440NB6.3(2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

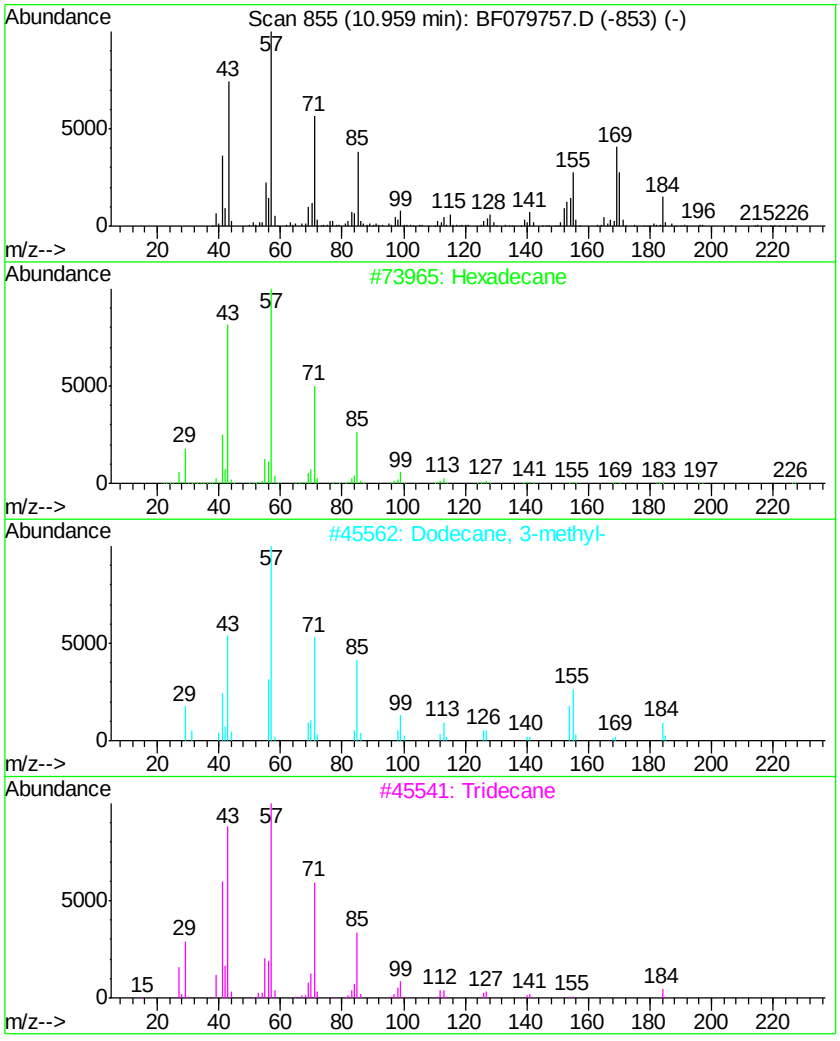
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

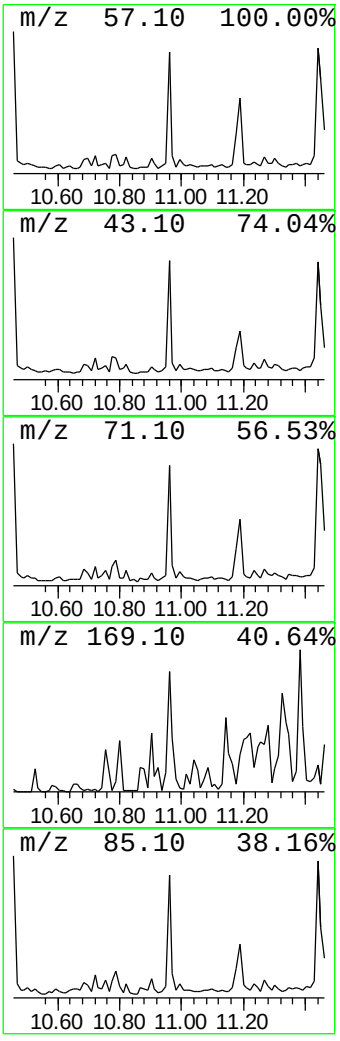
****

Peak Number 9 Hexadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.96	20.37 ng	1004120	Acenaphthene-d10	10.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	68
2	Dodecane, 3-methyl-	184	C13H28	017312-57-1	53
3	Tridecane	184	C13H28	000629-50-5	42
4	Eicosane	282	C20H42	000112-95-8	42
5	Undecane	156	C11H24	001120-21-4	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060515\
Data File : BF079757.D
Acq On : 6 Jun 2015 5:58
Operator : TP/IZ
Sample : G2450-18 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT440NB6.3(2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060515.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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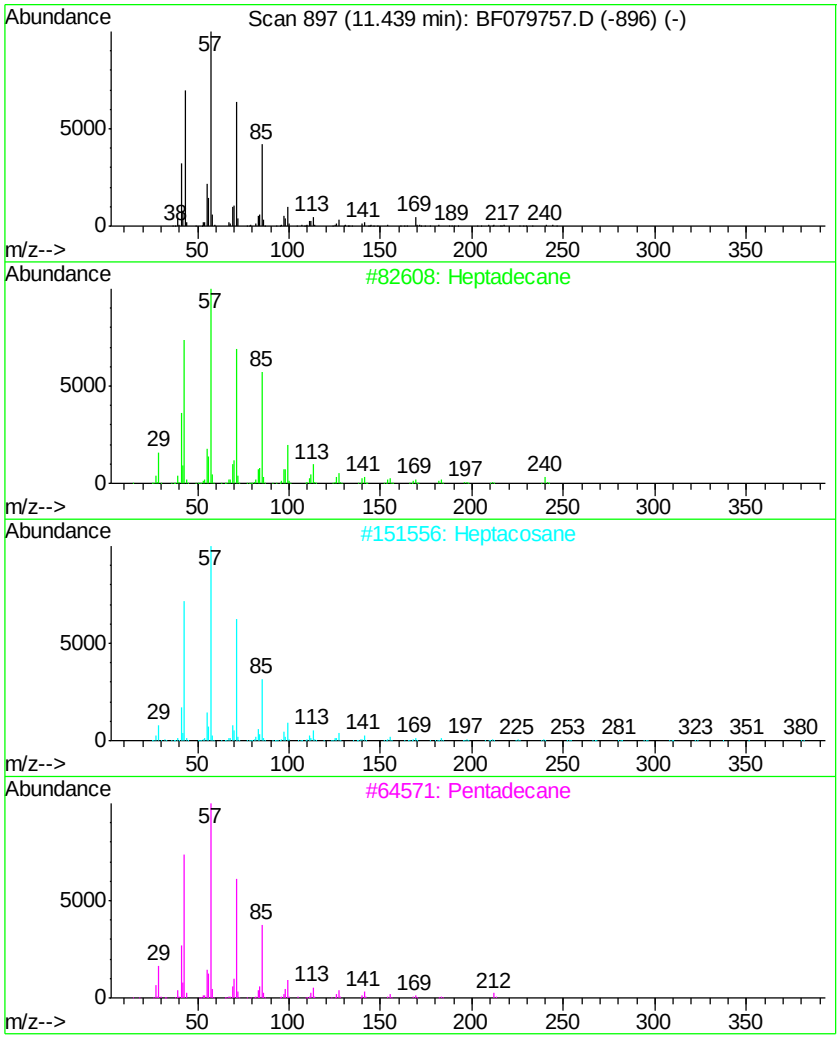
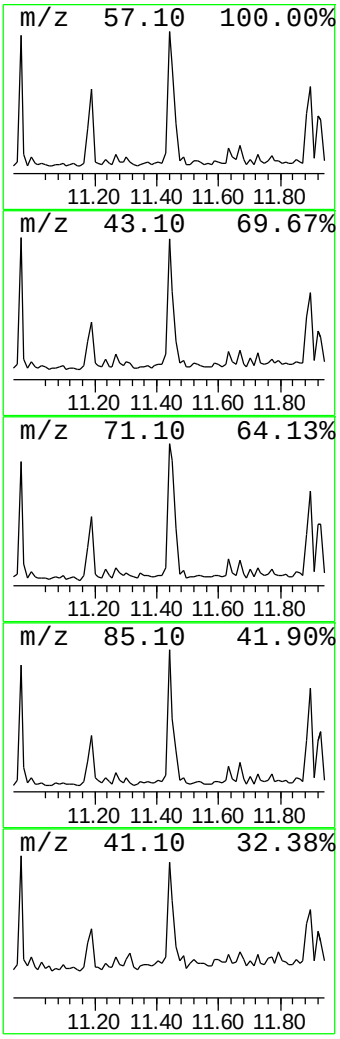
Peak Number 10 Heptadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.44	30.76 ng	1055120	Phenanthrene-d10	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	97
2	Heptacosane	380	C27H56	000593-49-7	90
3	Pentadecane	212	C15H32	000629-62-9	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	86





Library Search Compound Report

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Operator : TP/IZ
Sample : G2450-18 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT440NB6.3(2)

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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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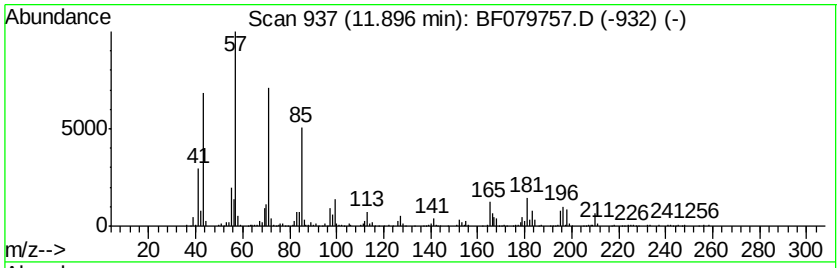
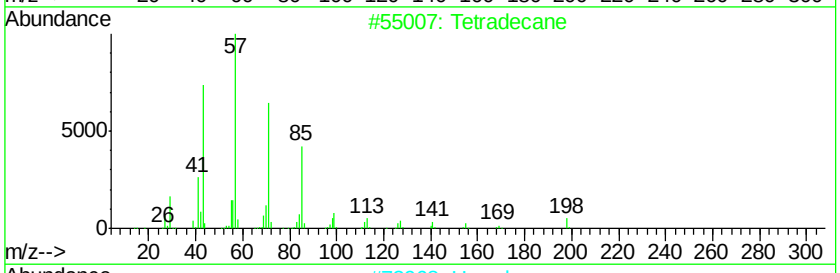
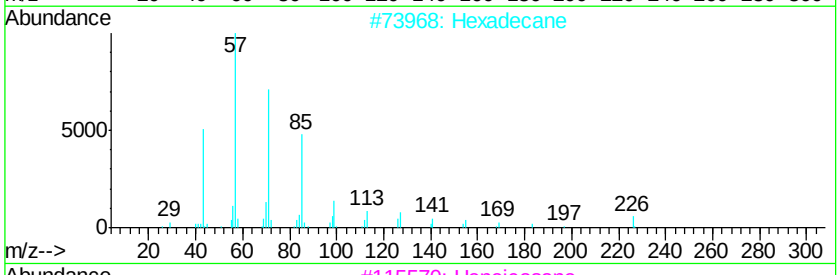
Peak Number 11 Tetradecane Concentration Rank 9

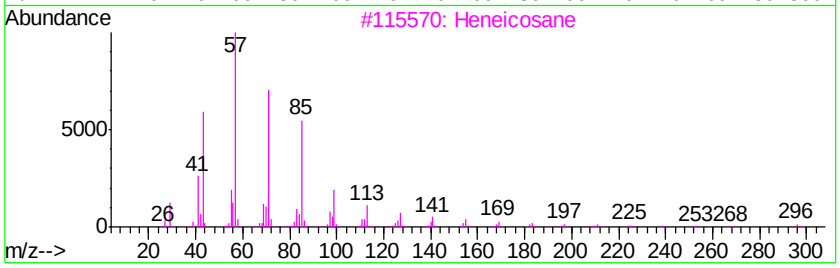
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	21.76 ng	746320	Phenanthrene-d10	12.07

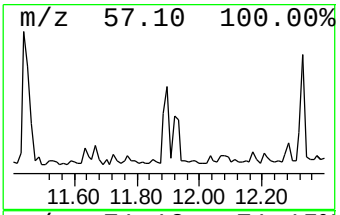
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	97
2	Hexadecane	226	C16H34	000544-76-3	92
3	Heneicosane	296	C21H44	000629-94-7	64
4	Tridecane, 7-propyl-	226	C16H34	055045-09-5	58
5	Tetracosane	338	C24H50	000646-31-1	58

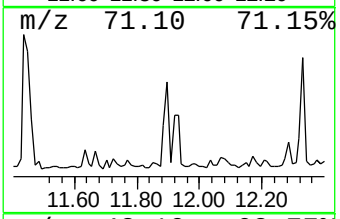


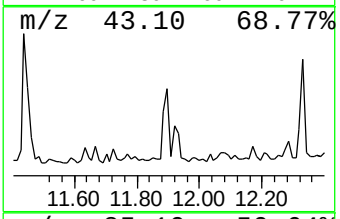


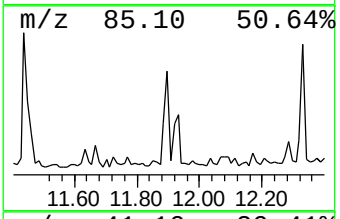


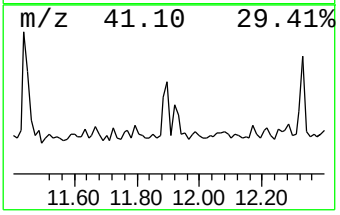












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Operator : TP/IZ
Sample : G2450-18 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT440NB6.3(2)

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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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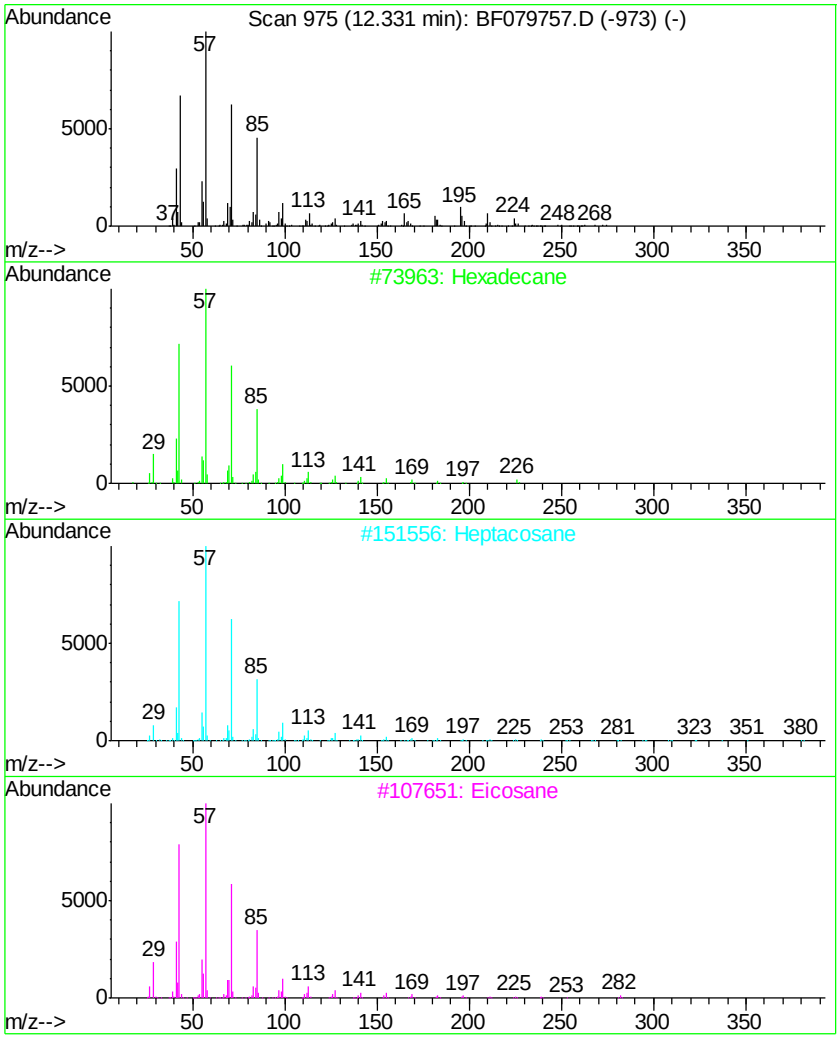
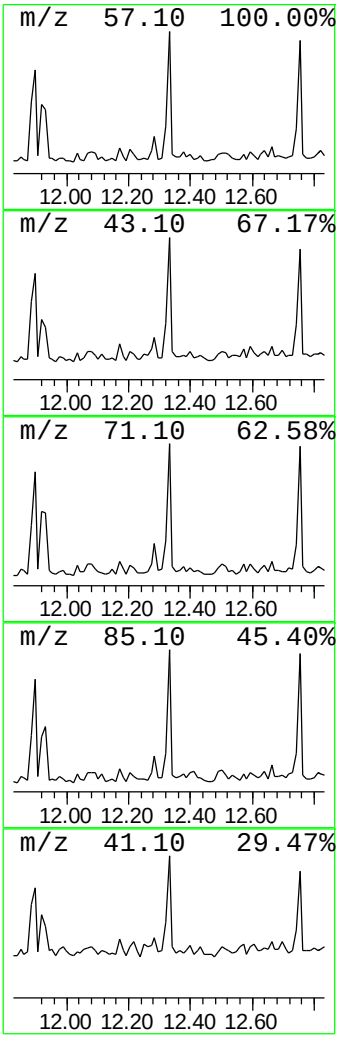
Peak Number 12 Heptacosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.33	17.43 ng	597809	Phenanthrene-d10	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	89
2	Heptacosane	380	C27H56	000593-49-7	76
3	Eicosane	282	C20H42	000112-95-8	68
4	Pentadecane	212	C15H32	000629-62-9	68
5	Nonadecane	268	C19H40	000629-92-5	68





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ClientSampleId : RT440NB6.3(2)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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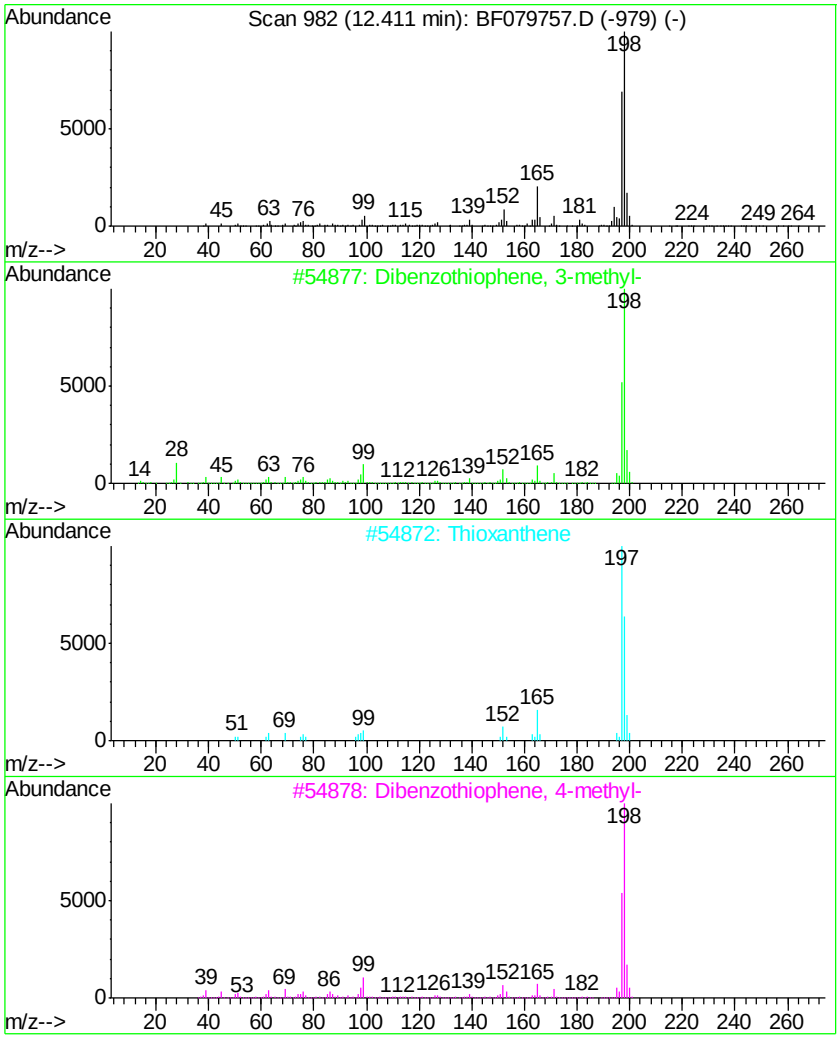
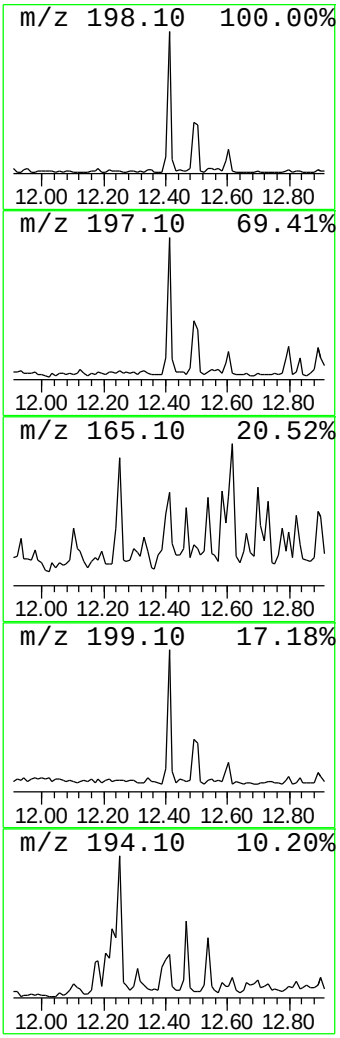
Peak Number 13 Dibenzothiophene, 3-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.41	17.05 ng	584958	Phenanthrene-d10	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	90
2	Thioxanthene	198	C13H10S	000261-31-4	83
3	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	81
4	Benzene, 1-fluoro-4-(2-phenyleth...	198	C14H11F	017404-69-2	64
5	9-Acridinamine, 1,2,3,4-tetrahydro-	198	C13H14N2	000321-64-2	59





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ClientSampleId : RT440NB6.3(2)

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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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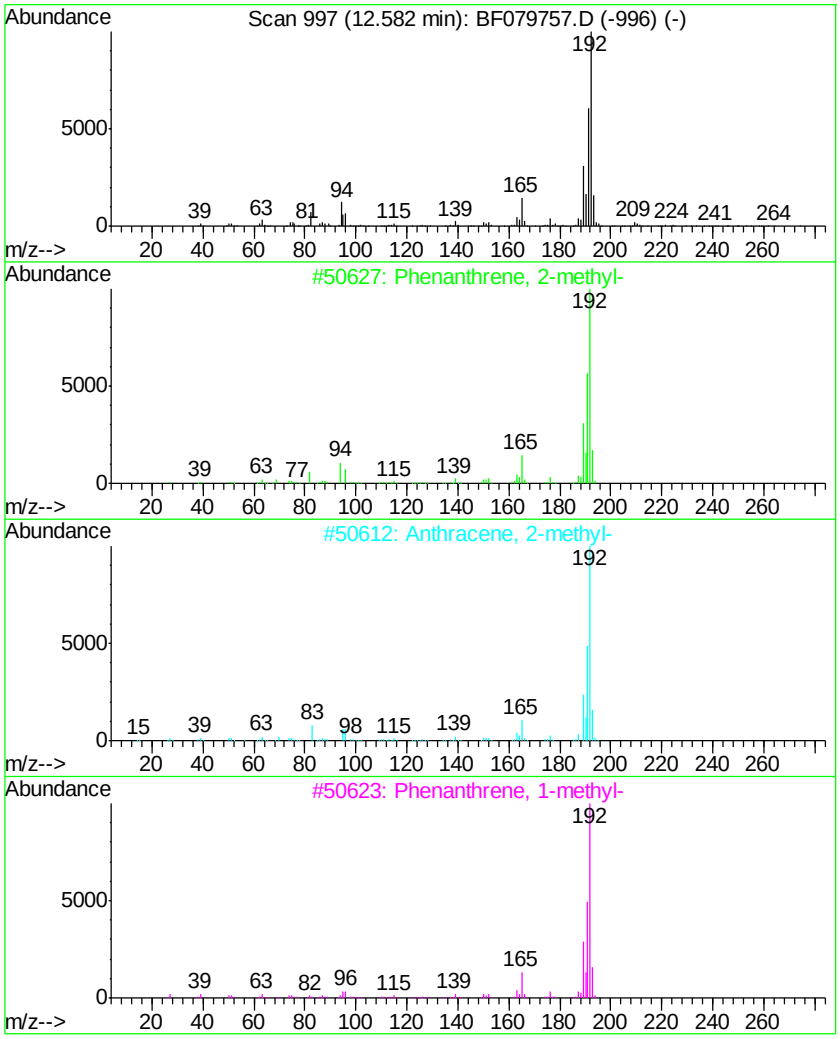
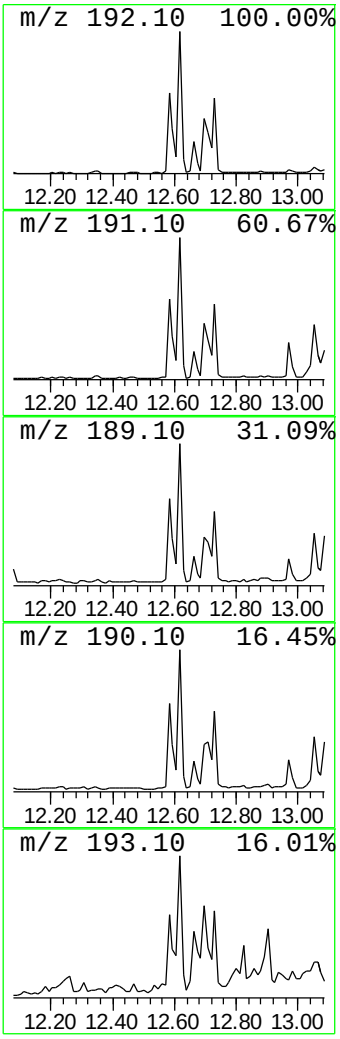
Peak Number 14 Phenanthrene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.58	18.73 ng	642386	Phenanthrene-d10	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94





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ClientSampleId : RT440NB6.3(2)

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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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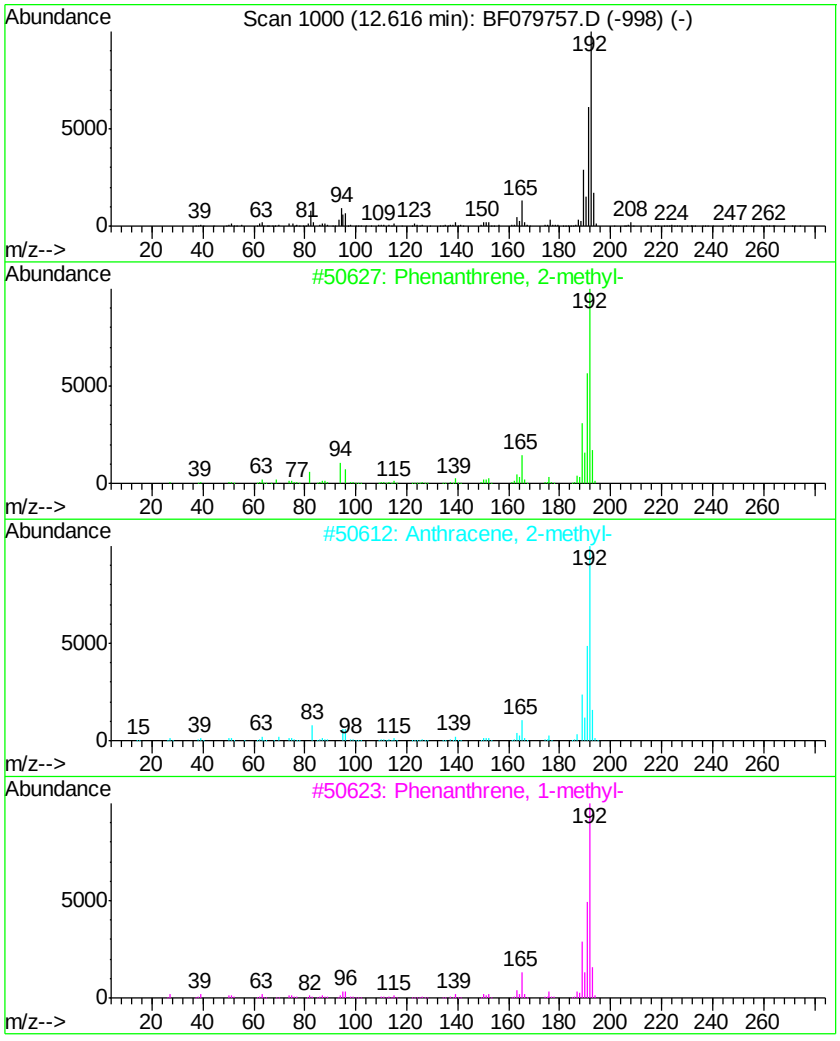
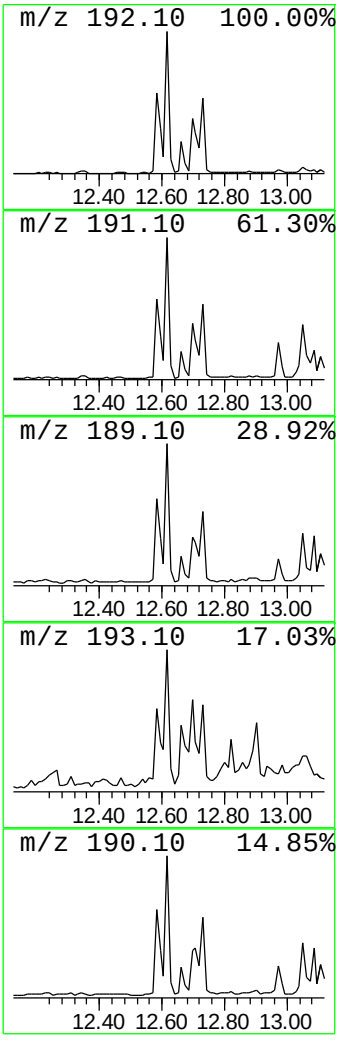
Peak Number 15 Anthracene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.62	31.38 ng	1076310	Phenanthrene-d10	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	94





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Sample : G2450-18 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT440NB6.3(2)

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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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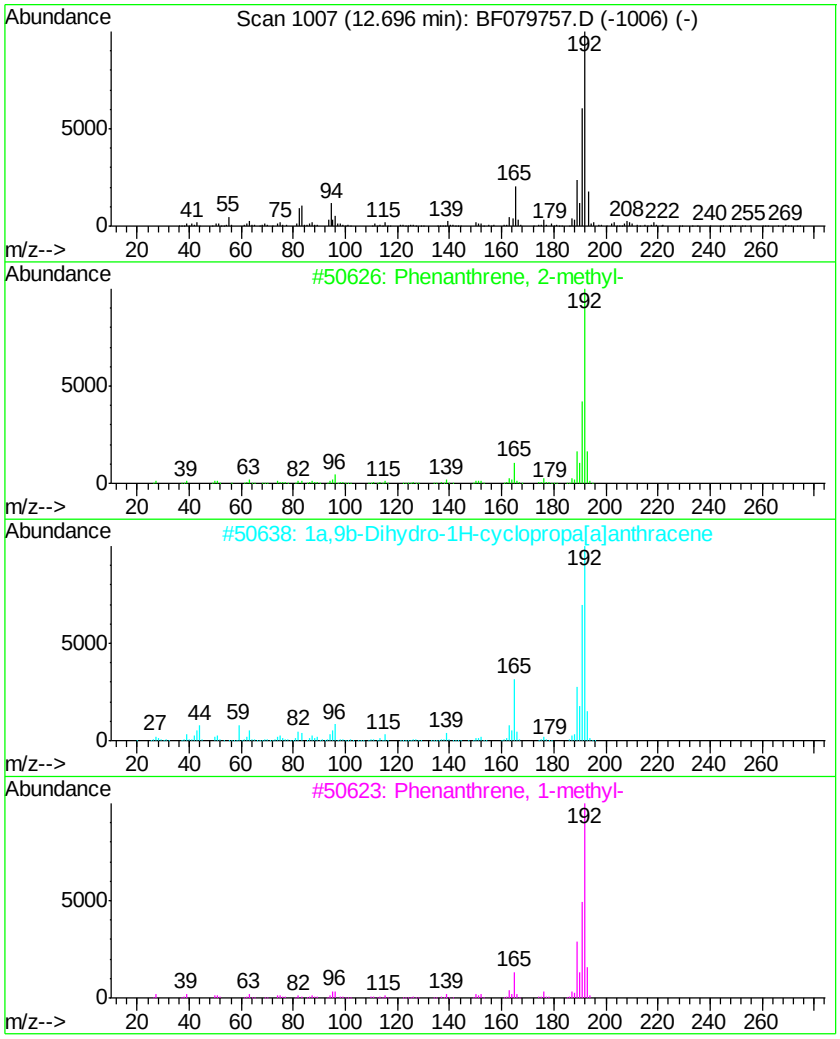
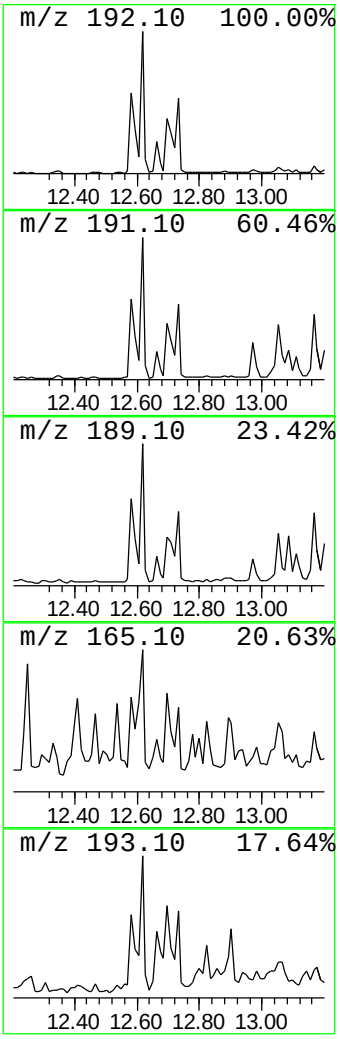
Peak Number 16 1a,9b-Dihydro-1H-cyclopropa... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.70	16.02 ng	549636	Phenanthrene-d10	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	93
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90





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Sample : G2450-18 2X
Misc :
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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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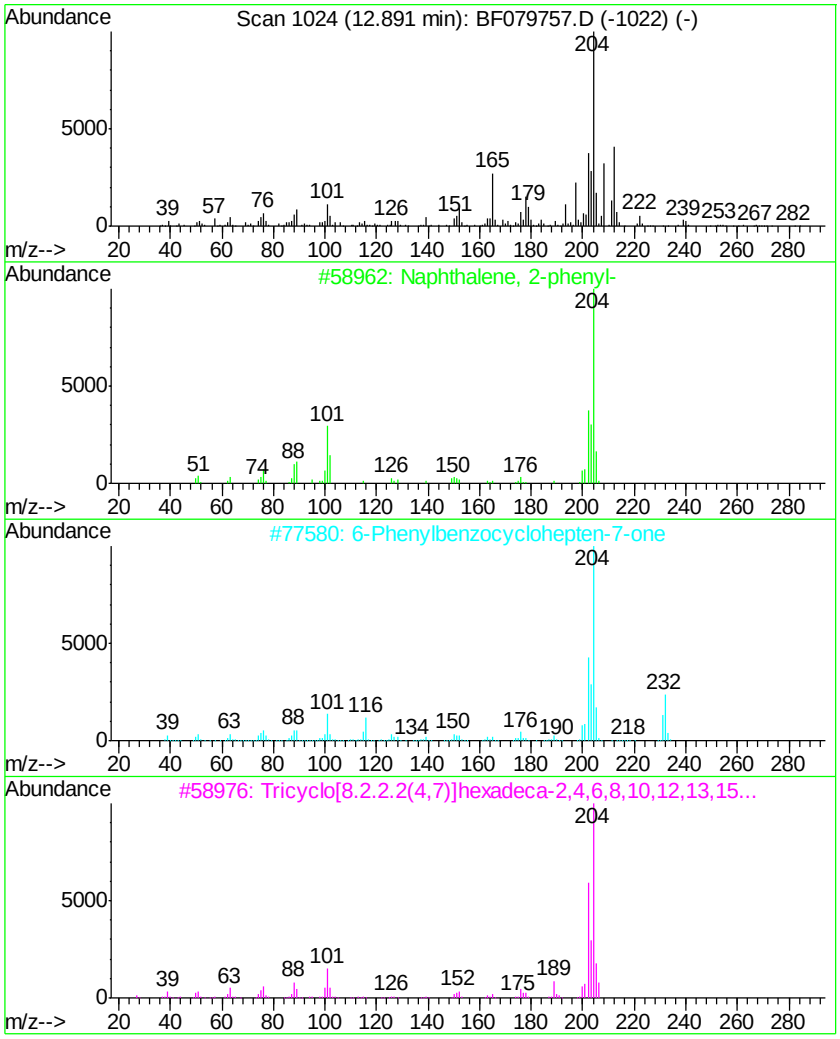
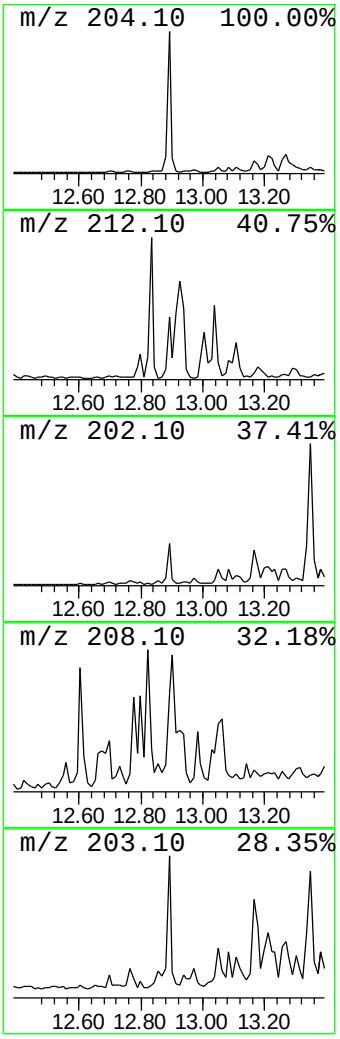
Peak Number 17 Naphthalene, 2-phenyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.89	17.04 ng	584476	Phenanthrene-d10	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	46
2	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	43
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	41
4	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	38
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	38





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Sample : G2450-18 2X
Misc :
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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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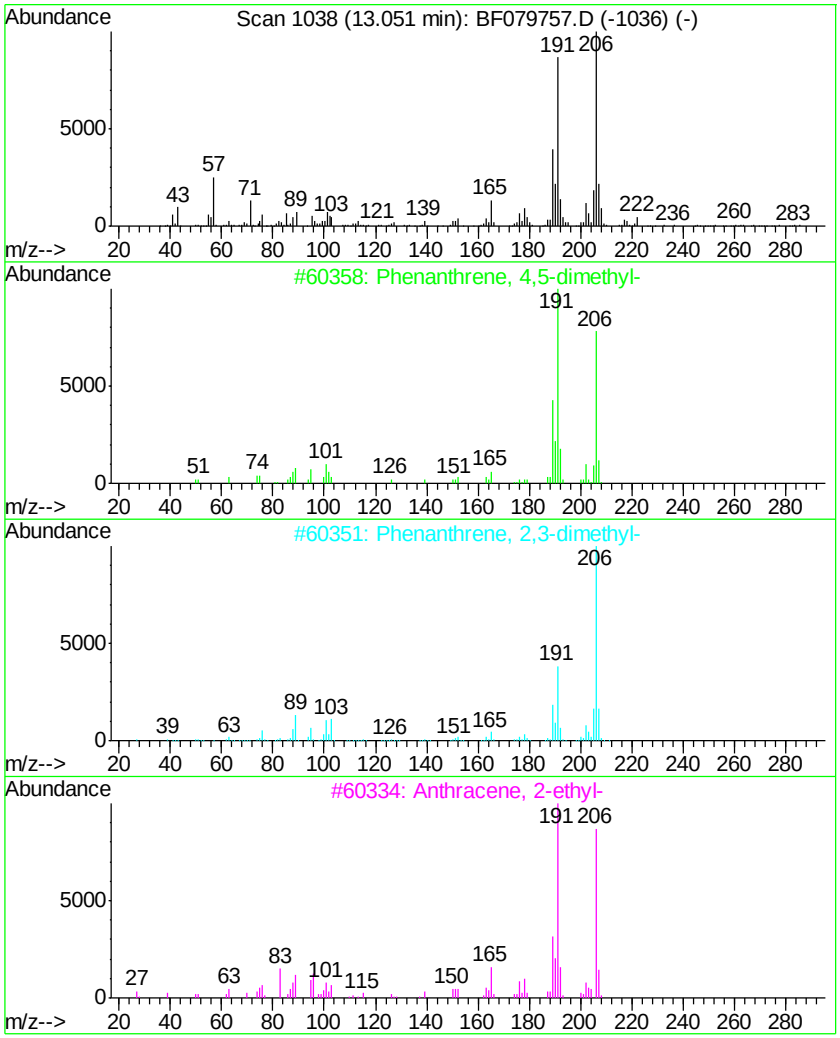
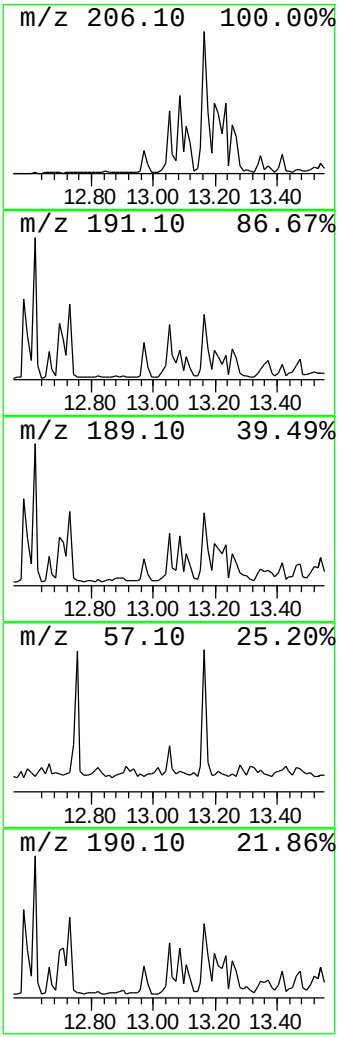
Peak Number 18 Phenanthrene, 4,5-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.05	18.52 ng	635265	Phenanthrene-d10	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	93
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
3	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	90
4	1-Methyl-3-phenyl-1H-indene	206	C16H14	022360-62-9	81
5	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	81





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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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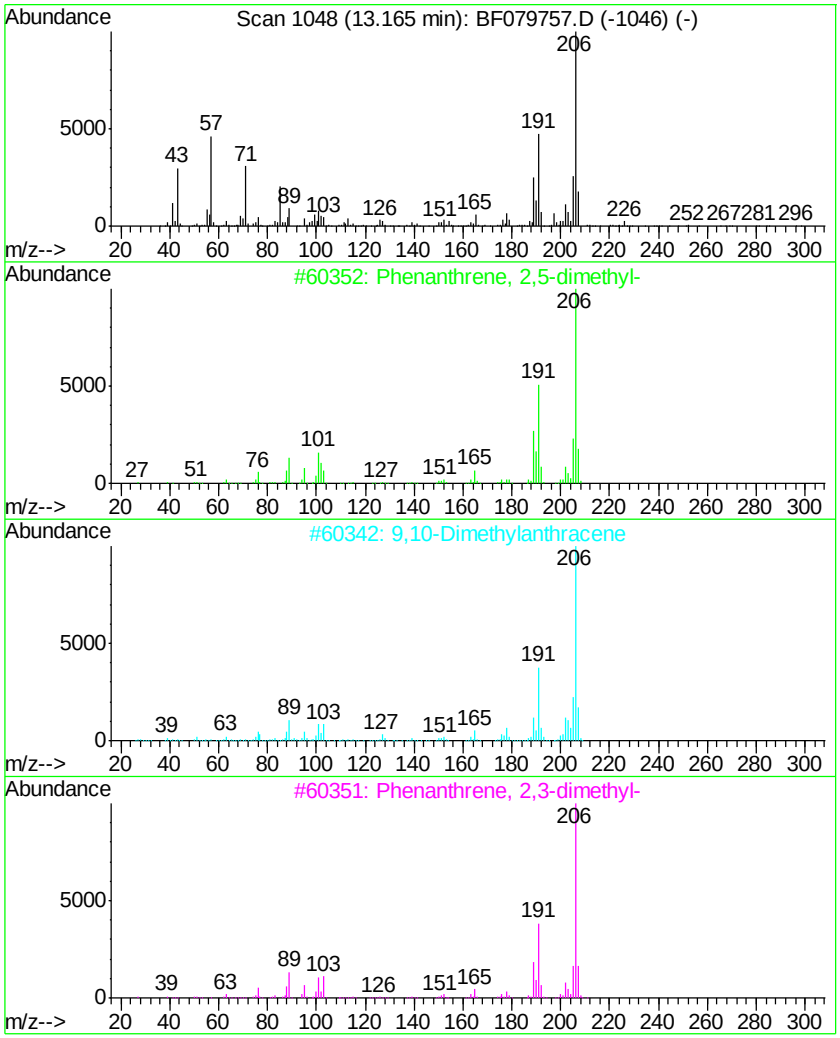
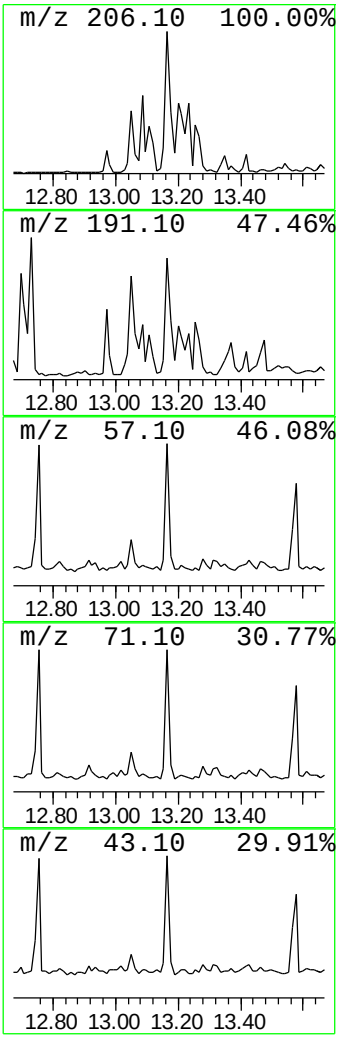
Peak Number 19 Phenanthrene, 2,5-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	34.10 ng	1169820	Phenanthrene-d10	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	98
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	76





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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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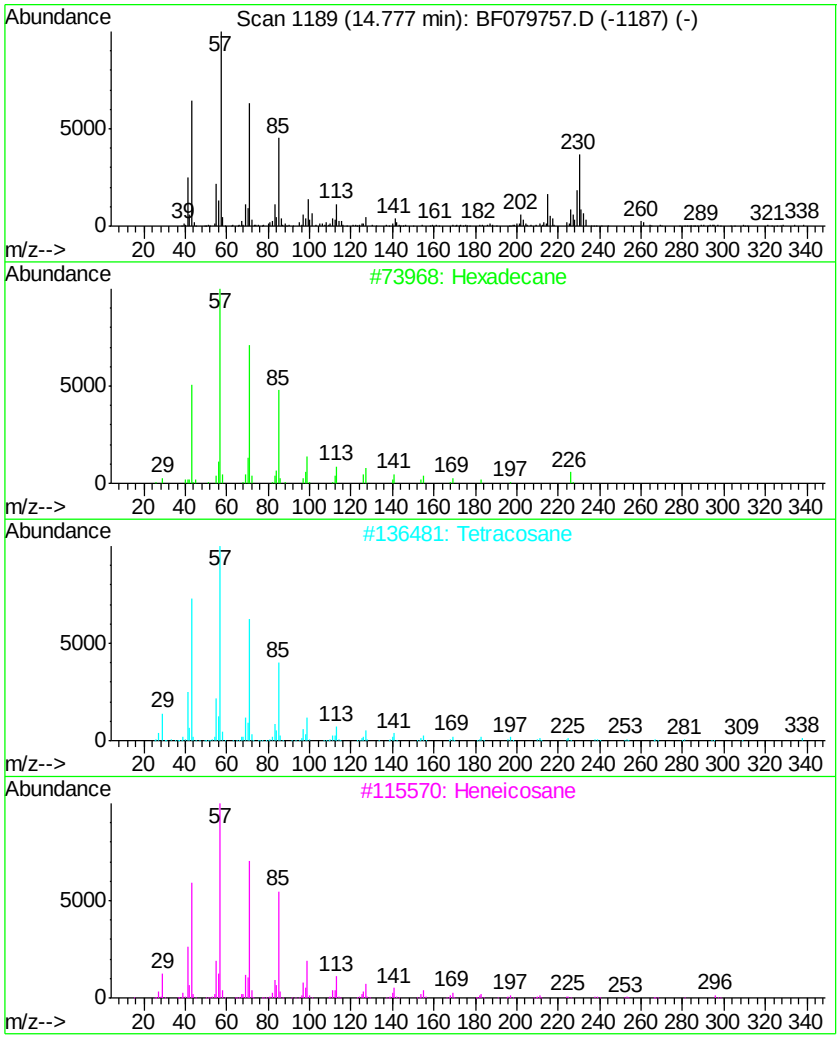
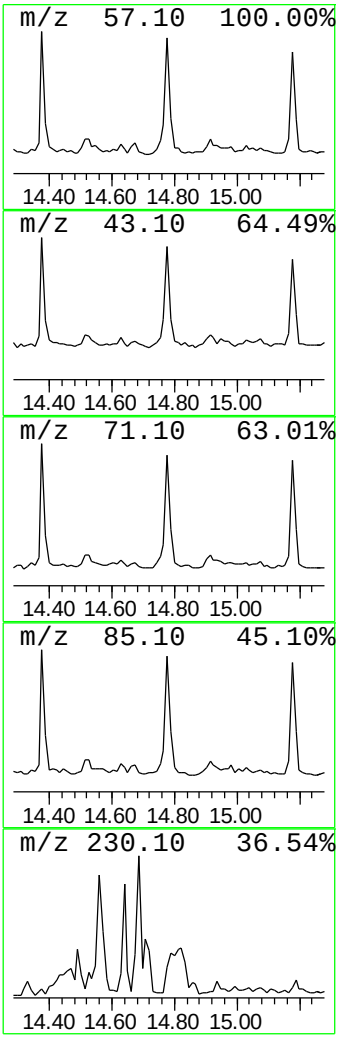
Peak Number 20 Tetracosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.78	18.01 ng	985906	Chrysene-d12	15.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	83
2	Tetracosane	338	C24H50	000646-31-1	64
3	Heneicosane	296	C21H44	000629-94-7	64
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	60
5	Heptacosane	380	C27H56	000593-49-7	58





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060515\
Data File : BF079757.D
Acq On : 6 Jun 2015 5:58
Operator : TP/IZ
Sample : G2450-18 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT440NB6.3(2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060515.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
Hexane	1.71	126.9	ng	2003960	1	7.50	315858	20.0
Cyclopentane, met...	2.08	21.3	ng	336902	1	7.50	315858	20.0
unknown7.26	7.26	36.1	ng	569709	1	7.50	315858	20.0
Naphthalene, 2,6-...	10.14	16.6	ng	817821	3	10.56	986116	20.0
Hexadecane	10.96	20.4	ng	1004120	3	10.56	986116	20.0
Heptadecane	11.44	30.8	ng	1055120	4	12.07	686050	20.0
Tetradecane	11.90	21.8	ng	746320	4	12.07	686050	20.0
Heptacosane	12.33	17.4	ng	597809	4	12.07	686050	20.0
Dibenzothiophene,...	12.41	17.1	ng	584958	4	12.07	686050	20.0
Phenanthrene, 2-m...	12.58	18.7	ng	642386	4	12.07	686050	20.0
Anthracene, 2-met...	12.62	31.4	ng	1076310	4	12.07	686050	20.0
1a,9b-Dihydro-1H-...	12.70	16.0	ng	549636	4	12.07	686050	20.0
Naphthalene, 2-ph...	12.89	17.0	ng	584476	4	12.07	686050	20.0
Phenanthrene, 4,5...	13.05	18.5	ng	635265	4	12.07	686050	20.0
Phenanthrene, 2,5...	13.17	34.1	ng	1169820	4	12.07	686050	20.0
Tetracosane	14.78	18.0	ng	985906	5	15.01	1094660	20.0