LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122817\
Data File : BF101814.D
Acq On : 28 Dec 2017 20:33
Operator : SJ/JU
Sample : I7006-01 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TB-07(6-8)

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-BF121417.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.992	491	494	509	rBV	72475	148589	7.24%	0.490%
2	5.404	561	564	591	rBV	758763	1458656	71.08%	4.811%
3	5.616	597	600	607	rBV	53633	98357	4.79%	0.324%
4	6.434	735	739	757	rBV	818603	1506818	73.43%	4.969%
5	6.557	757	760	765	rBV	1349070	1418650	69.13%	4.679%
6	6.663	775	778	784	rVB3	17389	28201	1.37%	0.093%
7	6.781	795	798	805	rBV	785524	771788	37.61%	2.545%
8	6.934	821	824	839	rBV	993087	1092428	53.23%	3.603%
9	7.051	839	844	850	rBV3	49454	85349	4.16%	0.281%
10	7.351	892	895	912	rBV	559503	848168	41.33%	2.797%
11	7.575	930	933	938	rVB2	21707	26293	1.28%	0.087%
12	7.645	938	945	950	rBV8	12041	25631	1.25%	0.085%
13	7.798	966	971	974	rBV4	23029	28235	1.38%	0.093%
14	8.033	1008	1011	1013	rBV	34180	31494	1.53%	0.104%
15	8.063	1013	1016	1019	rBV	977055	918871	44.78%	3.030%
16	8.216	1037	1042	1046	rBV8	16851	28682	1.40%	0.095%
17	8.339	1060	1063	1069	rBV7	25202	33052	1.61%	0.109%
18	8.469	1082	1085	1087	rVB	38143	30218	1.47%	0.100%
19	8.639	1109	1114	1122	rVB3	85502	94496	4.60%	0.312%
20	8.733	1127	1130	1134	rVB4	23432	34376	1.68%	0.113%
21	8.780	1135	1138	1144	rBV	145094	165563	8.07%	0.546%
22	8.880	1152	1155	1160	rBV	123235	130524	6.36%	0.430%
23	8.922	1160	1162	1166	rBV5	26374	39431	1.92%	0.130%
24	9.004	1173	1176	1179	rBV2	31852	29085	1.42%	0.096%
25	9.045	1180	1183	1185	rBV2	45427	47393	2.31%	0.156%
26	9.069	1185	1187	1193	rVB	74527	67493	3.29%	0.223%
27	9.133	1195	1198	1206	rVB	1427134	1234186	60.14%	4.070%
28	9.204	1206	1210	1213	rBV	191489	179150	8.73%	0.591%
29	9.245	1214	1217	1221	rBV	58227	58906	2.87%	0.194%
30	9.345	1231	1234	1237	rBV2	23944	33945	1.65%	0.112%
31	9.404	1241	1244	1248	rBV	89653	132504	6.46%	0.437%
32	9.480	1254	1257	1259	rVB	107037	99468	4.85%	0.328%
33	9.510	1259	1262	1265	rBV3	165981	221696	10.80%	0.731%
34	9.686	1286	1292	1295	rBV	208877	294068	14.33%	0.970%

LSC Area Percent Report

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Data File : BF101814.D
Acq On : 28 Dec 2017 20:33
Operator : SJ/JU
Sample : I7006-01 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TB-07(6-8)

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-BF121417.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.716	1295	1297	1298	rVV	82550	68593	3.34%	0.226%
36	9.733	1298	1300	1303	rVB	203011	138911	6.77%	0.458%
37	9.822	1309	1315	1318	rBV	777299	812066	39.57%	2.678%
38	9.851	1318	1320	1328	rVB	171404	181566	8.85%	0.599%
39	9.969	1337	1340	1342	rBV3	41374	54303	2.65%	0.179%
40	9.992	1342	1344	1346	rVB3	45297	35686	1.74%	0.118%
41	10.027	1346	1350	1353	rBV2	149437	176772	8.61%	0.583%
42	10.063	1353	1356	1358	rVB2	73992	85277	4.16%	0.281%
43	10.139	1366	1369	1371	rBV2	55507	54253	2.64%	0.179%
44	10.174	1372	1375	1378	rVB3	56053	66159	3.22%	0.218%
45	10.210	1378	1381	1382	rBV3	77425	70168	3.42%	0.231%
46	10.233	1382	1385	1388	rVB	184179	161055	7.85%	0.531%
47	10.369	1405	1408	1415	rVB	281412	307758	15.00%	1.015%
48	10.451	1417	1422	1424	rVV2	137485	159463	7.77%	0.526%
49	10.527	1433	1435	1438	rVB2	64254	50635	2.47%	0.167%
50	10.616	1446	1450	1456	rBV2	550858	659753	32.15%	2.176%
51	10.710	1462	1466	1474	rVB2	262430	424520	20.69%	1.400%
52	10.921	1499	1502	1504	rVB2	81585	76229	3.71%	0.251%
53	11.027	1518	1520	1521	rBV	49525	34128	1.66%	0.113%
54	11.151	1539	1541	1544	rBV2	144875	139183	6.78%	0.459%
55	11.180	1544	1546	1549	rVV	129844	113646	5.54%	0.375%
56	11.210	1549	1551	1557	rVB	123536	120506	5.87%	0.397%
57	11.310	1565	1568	1570	rBV	740125	658881	32.11%	2.173%
58	11.339	1570	1573	1576	rVV	1556614	1426809	69.53%	4.705%
59	11.392	1579	1582	1586	rBV	513034	477264	23.26%	1.574%
60	11.557	1608	1610	1612	rBV	121842	104157	5.08%	0.344%
61	11.580	1612	1614	1616	rVB	106036	77321	3.77%	0.255%
62	11.816	1651	1654	1657	rBV	237977	297118	14.48%	0.980%
63	11.845	1657	1659	1663	rVB2	296709	244557	11.92%	0.807%
64	11.892	1665	1667	1670	rVB	129266	110286	5.37%	0.364%
65	11.927	1670	1673	1676	rBV	409449	439906	21.44%	1.451%
66	12.110	1701	1704	1708	rBV	171704	183083	8.92%	0.604%
67	12.363	1745	1747	1752	rBV2	128019	167669	8.17%	0.553%
68	12.533	1772	1776	1780	rBV	2048397	2052159	100.00%	6.768%
69	12.745	1809	1812	1813	rBV2	436703	409195	19.94%	1.349%
70	12.768	1813	1816	1821	rVB	1663803	1713026	83.47%	5.649%
71	12.892	1834	1837	1842	rBV2	973728	877403	42.76%	2.894%

LSC Area Percent Report

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Acq On : 28 Dec 2017 20:33
Operator : SJ/JU
Sample : I7006-01 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TB-07(6-8)

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-BF121417.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.092	1869	1871	1876	rVB	301227	298412	14.54%	0.984%
73	13.157	1880	1882	1885	rVB	260053	216906	10.57%	0.715%
74	13.915	2008	2011	2014	rBV	448517	391024	19.05%	1.290%
75	13.962	2015	2019	2023	rVV3	1029272	1715735	83.61%	5.658%
76	13.998	2023	2025	2028	rVB	837271	668804	32.59%	2.206%
77	15.021	2195	2199	2202	rBV	723379	1066225	51.96%	3.516%
78	15.386	2258	2261	2267	rVB	654524	853649	41.60%	2.815%
79	15.445	2268	2271	2275	rBV	388578	440189	21.45%	1.452%

Sum of corrected areas: 30322172

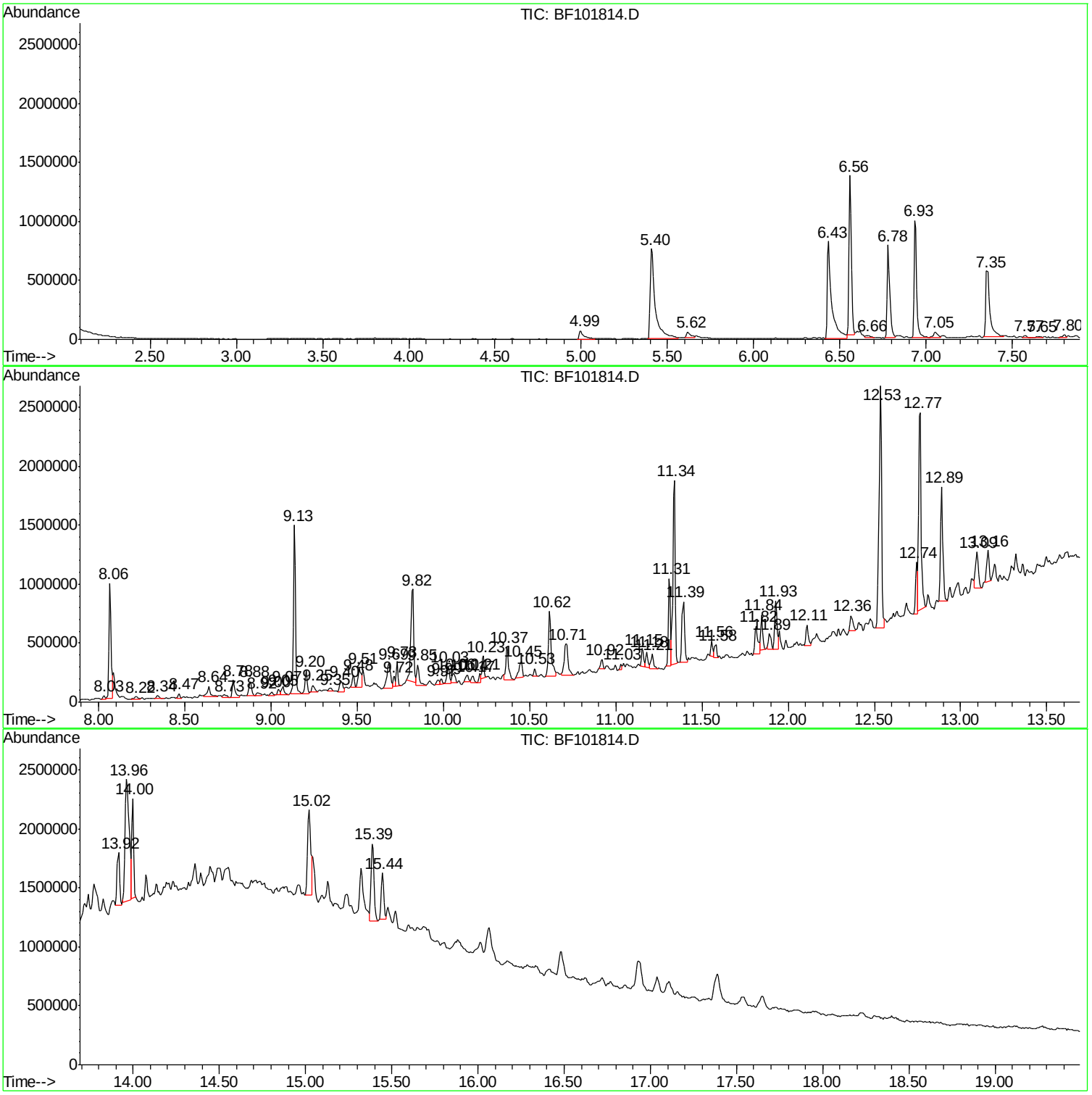
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122817\
Data File : BF101814.D
Acq On : 28 Dec 2017 20:33
Operator : SJ/JU
Sample : I7006-01 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TB-07(6-8)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122817\
Data File : BF101814.D
Acq On : 28 Dec 2017 20:33
Operator : SJ/JU
Sample : I7006-01 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TB-07(6-8)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

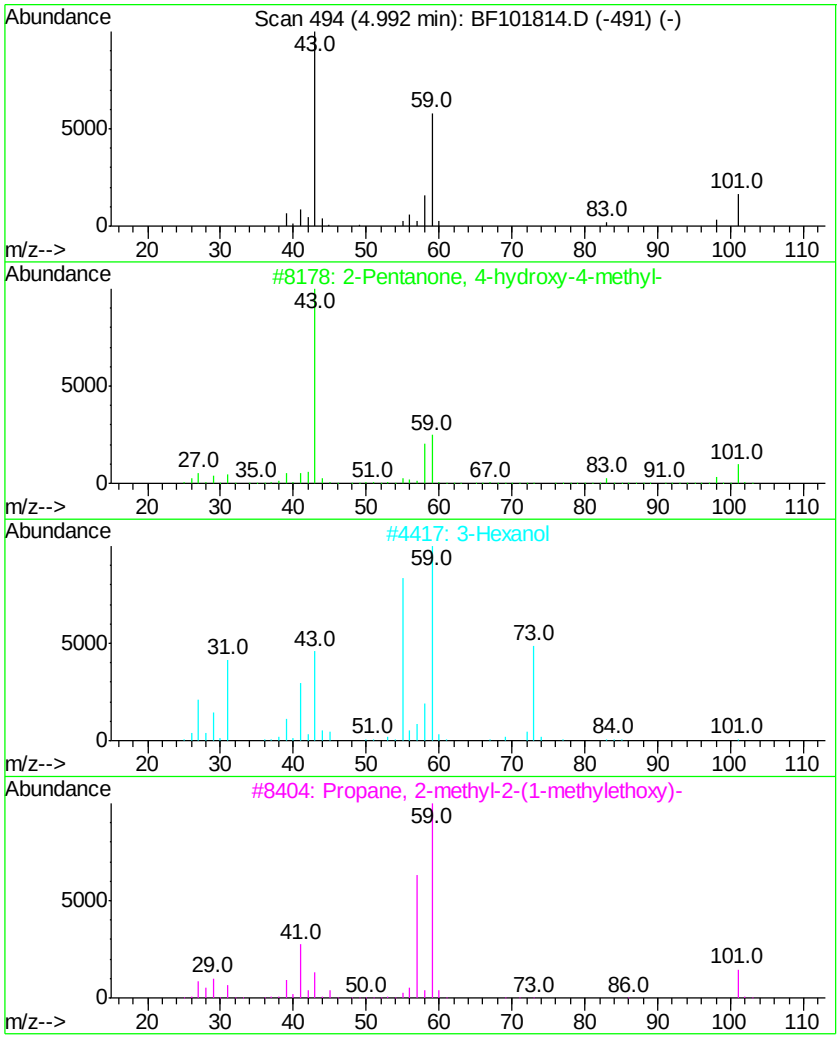
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

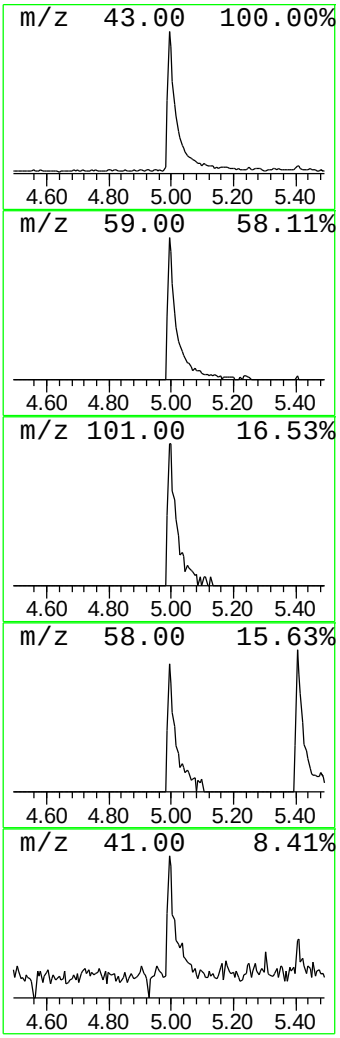
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.99	3.85 ng	148589	1,4-Dichlorobenzene-d4	6.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	3-Hexanol	102	C6H14O	000623-37-0	36
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
4	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	23
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23





Data Path : Z:\HPCHEM1\BNA F\DATA\BF122817\
Data File : BF101814.D
Acq On : 28 Dec 2017 20:33
Operator : SJ/JU
Sample : I7006-01 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TB-07(6-8)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

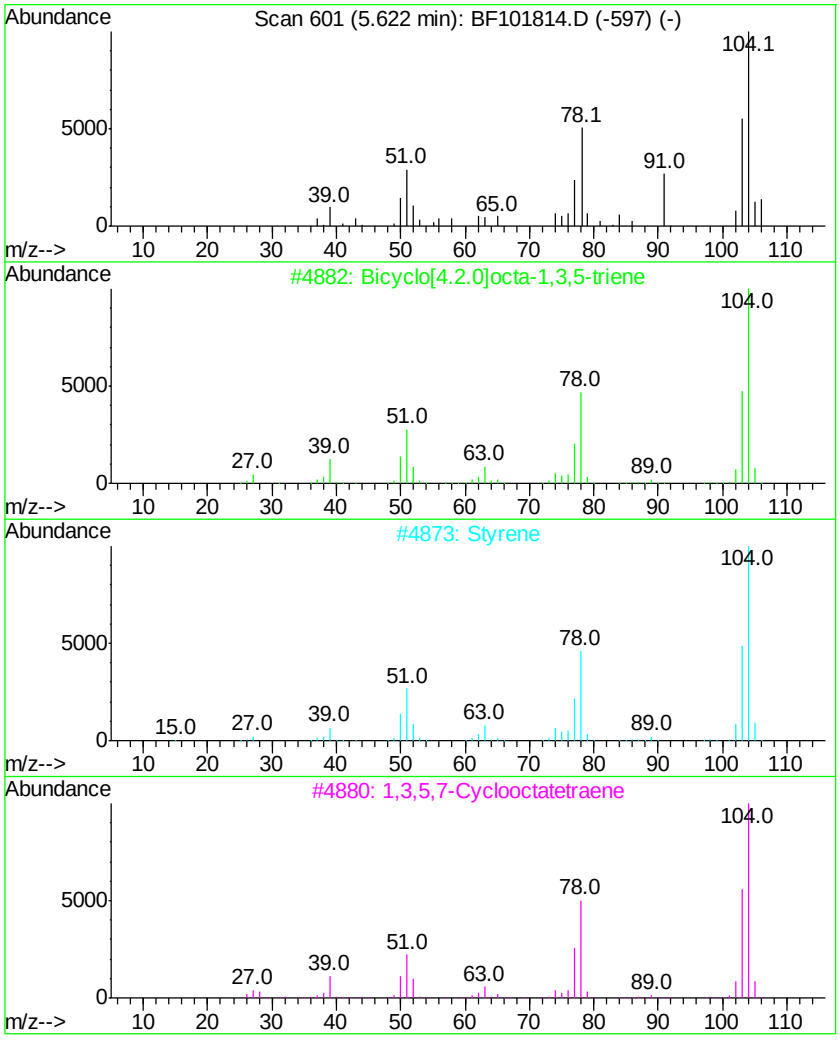
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

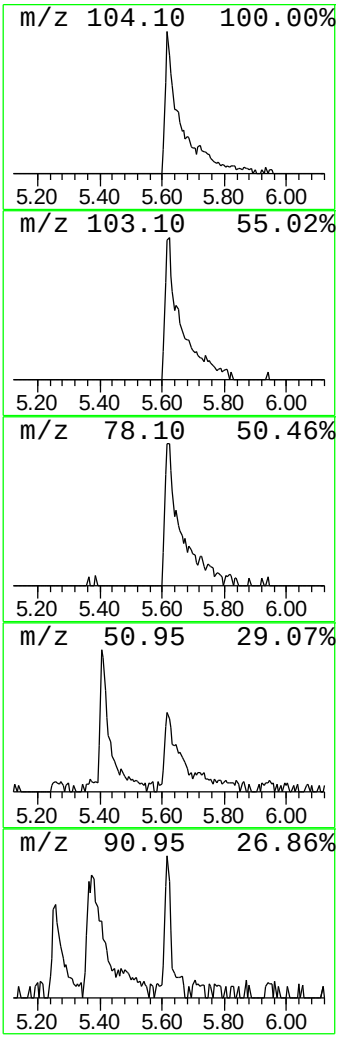
****

Peak Number 2 Bicyclo[4.2.0]octa-1,3,5-tr... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.62	2.55 ng	98357	1,4-Dichlorobenzene-d4	6.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	94
2	Styrene	104	C8H8	000100-42-5	94
3	1,3,5,7-Cyclooctatetraene	104	C8H8	000629-20-9	90
4	1,3,7-Octatrien-5-yne	104	C8H8	016607-77-5	53
5	Butanedioic acid, phenyl-	194	C10H10O4	000635-51-8	45





Data Path : Z:\HPCHEM1\BNA F\DATA\BF122817\
Data File : BF101814.D
Acq On : 28 Dec 2017 20:33
Operator : SJ/JU
Sample : I7006-01 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TB-07(6-8)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

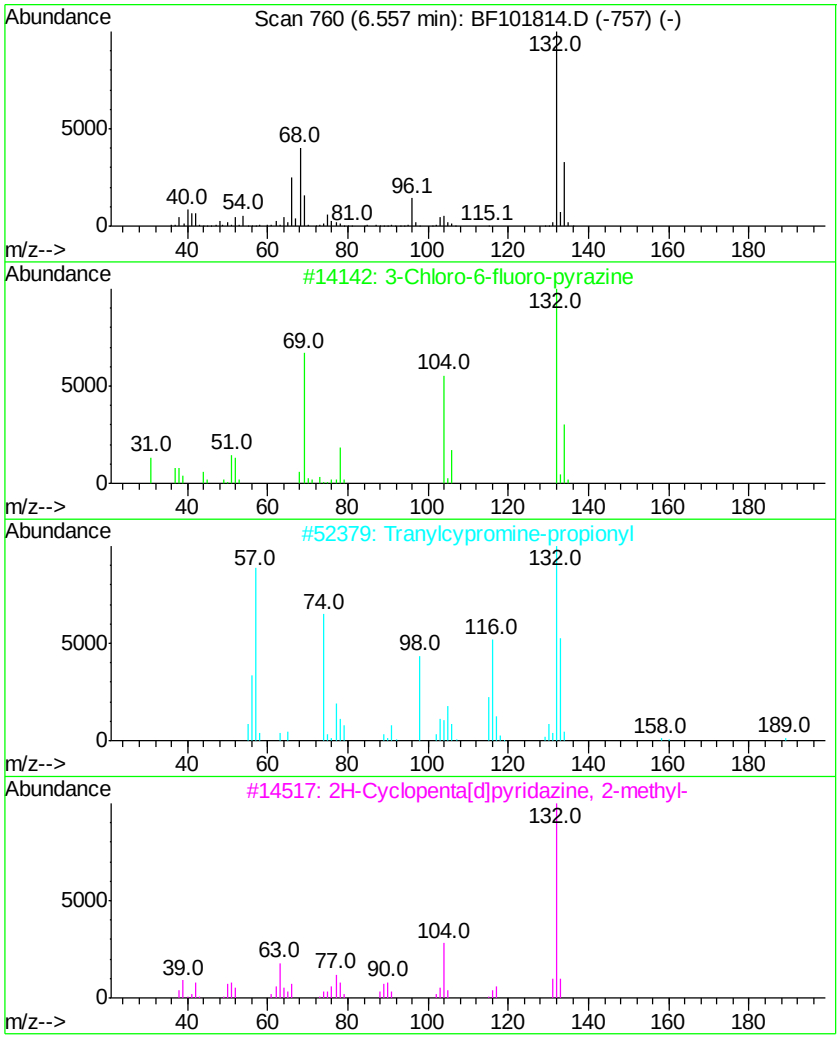
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

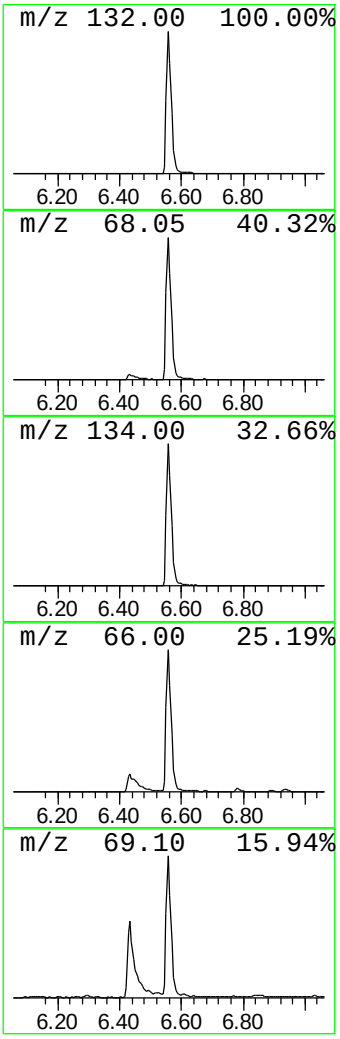
****

Peak Number 3 unknown6.56 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	36.76 ng	1418650	1,4-Dichlorobenzene-d4	6.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
4	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





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Sample : I7006-01 2X
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ClientSampleId : TB-07(6-8)

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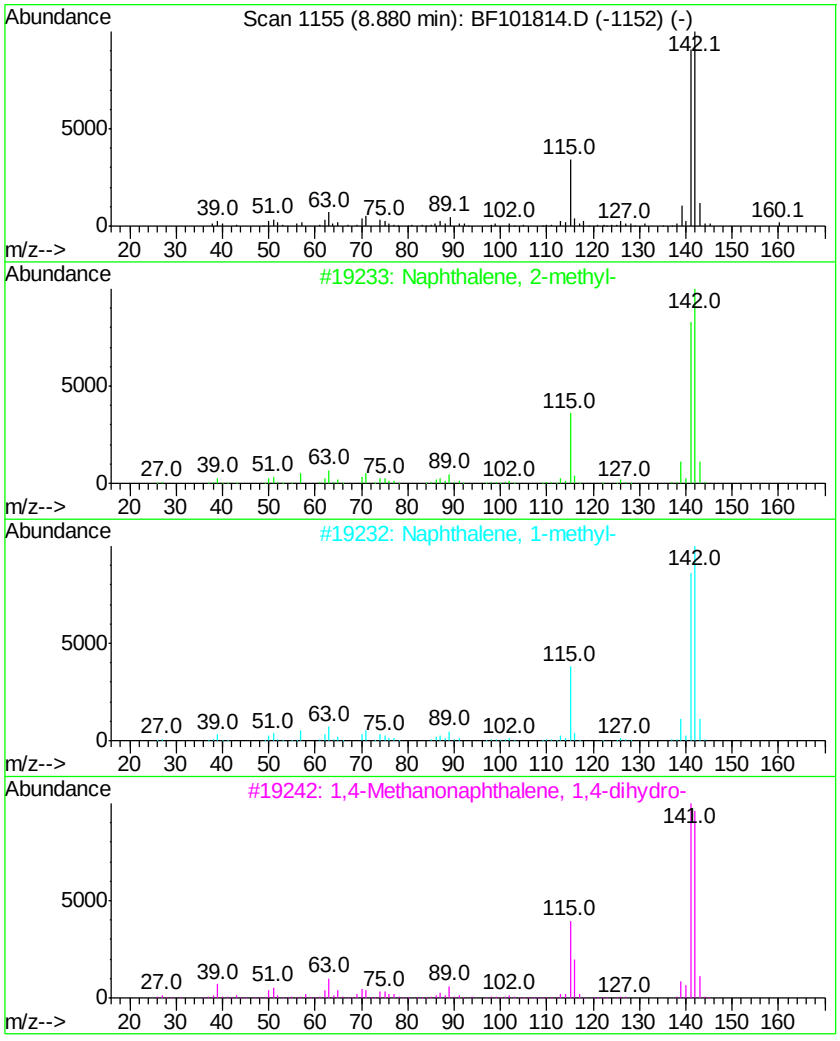
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

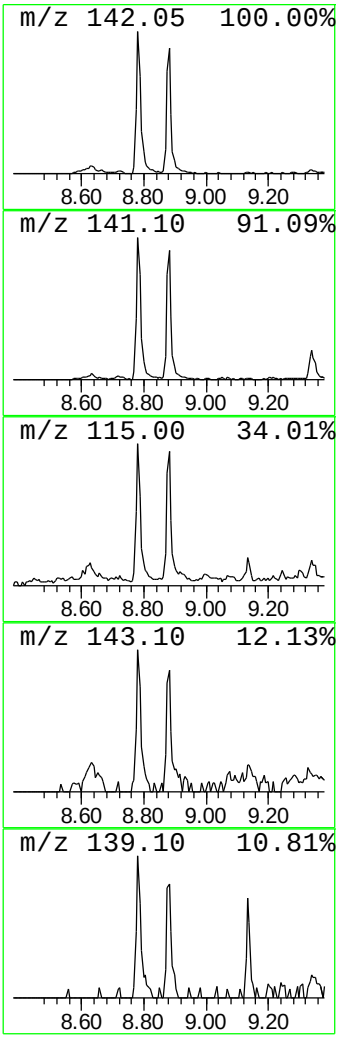
****

Peak Number 5 Naphthalene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.88	2.84 ng	130524	Naphthalene-d8	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
4	Benzocycloheptatriene	142	C11H10	000264-09-5	91
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	59





Data Path : Z:\HPCHEM1\BNA F\DATA\BF122817\
Data File : BF101814.D
Acq On : 28 Dec 2017 20:33
Operator : SJ/JU
Sample : I7006-01 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TB-07(6-8)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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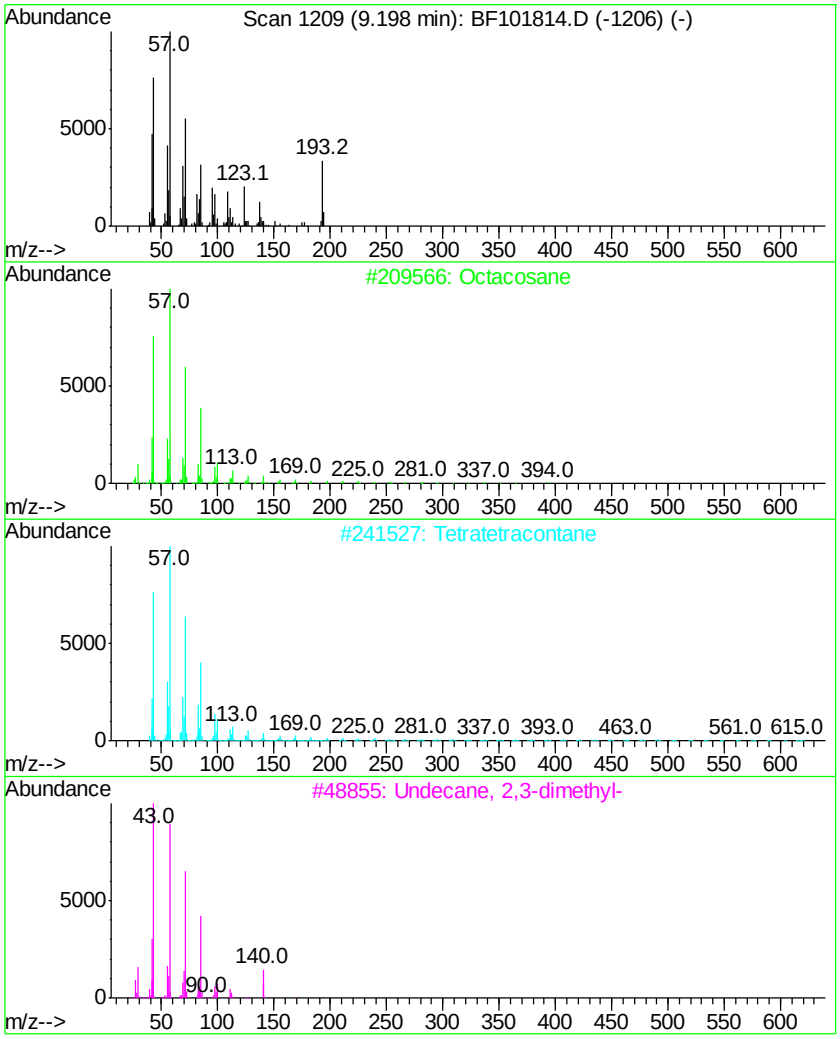
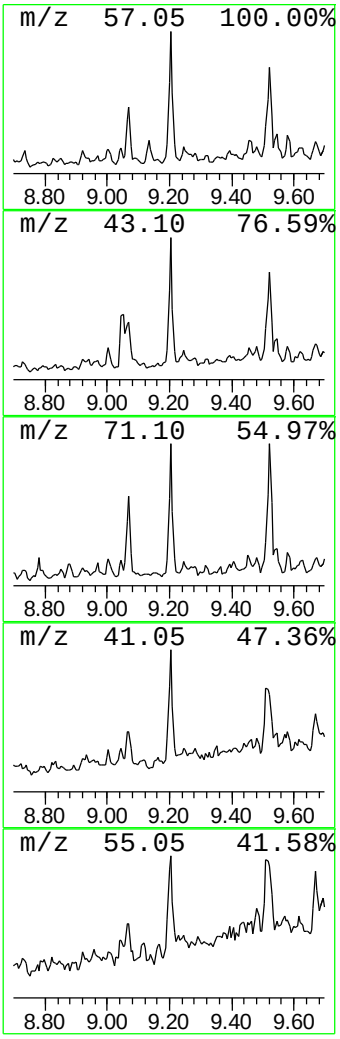
Peak Number 6 Octacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.20	4.41 ng	179150	Acenaphthene-d10	9.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	58
2	Tetratetracontane	619	C44H90	007098-22-8	58
3	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	58
4	Hexadecane	226	C16H34	000544-76-3	52
5	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	50





Data Path : Z:\HPCHEM1\BNA F\DATA\BF122817\
Data File : BF101814.D
Acq On : 28 Dec 2017 20:33
Operator : SJ/JU
Sample : I7006-01 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TB-07(6-8)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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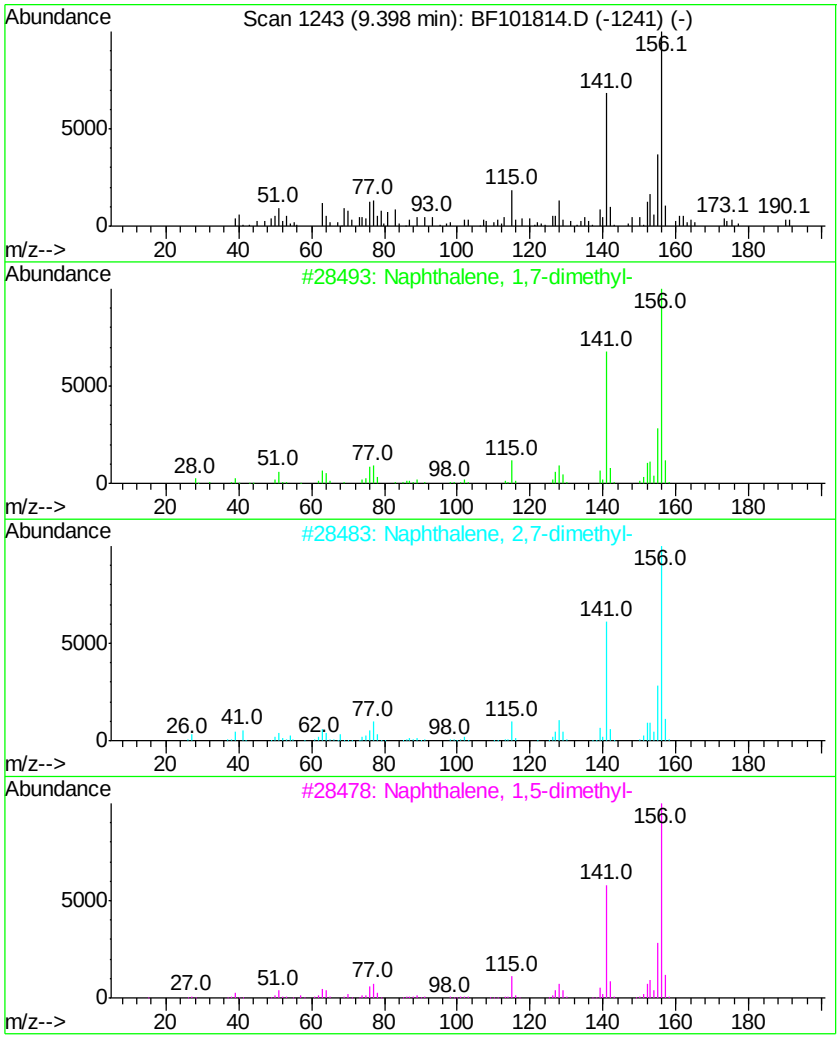
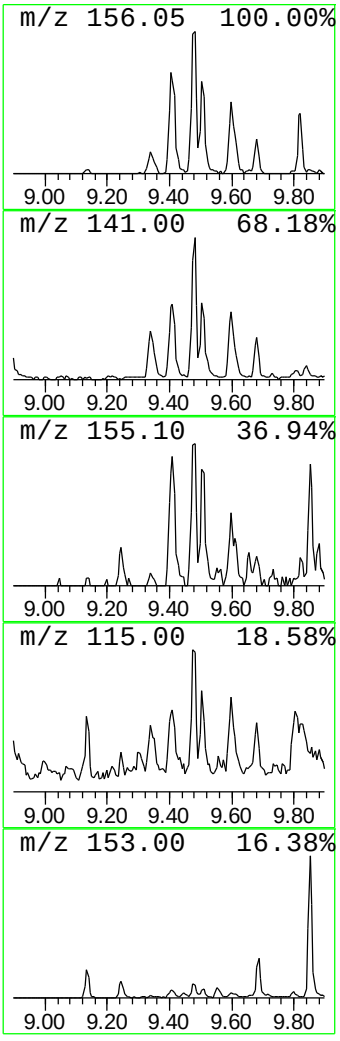
Peak Number 7 Naphthalene, 1,7-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.40	3.26 ng	132504	Acenaphthene-d10	9.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95





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Operator : SJ/JU
Sample : I7006-01 2X
Misc :
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Instrument : BNA_F
ClientSampleId : TB-07(6-8)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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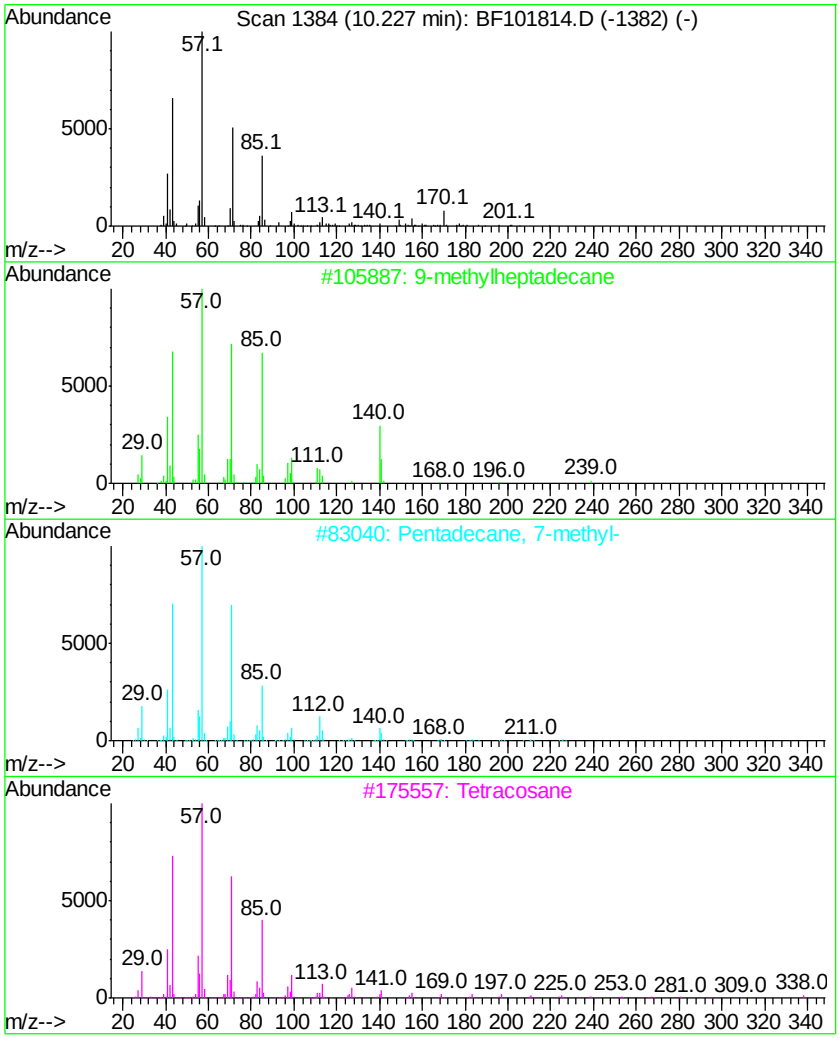
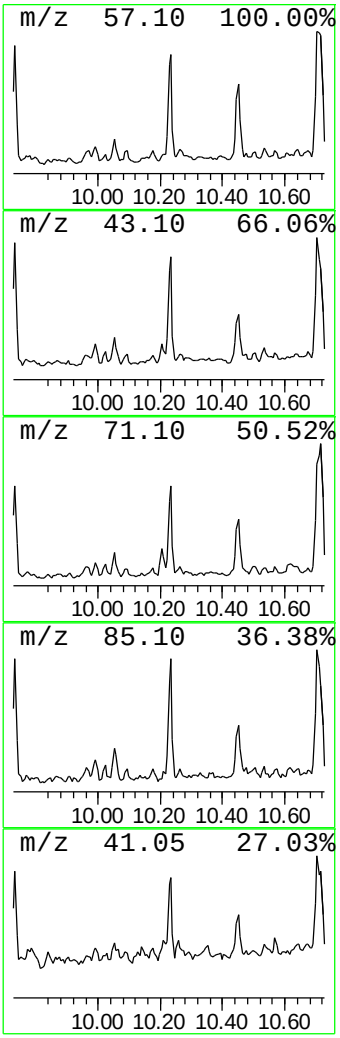
Peak Number 8 9-methylheptadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.23	3.97 ng	161055	Acenaphthene-d10	9.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-methylheptadecane	254	C18H38	026741-18-4	86
2	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	76
3	Tetracosane	338	C24H50	000646-31-1	72
4	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	72
5	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	72





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Misc :
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Instrument : BNA_F
ClientSampleId : TB-07(6-8)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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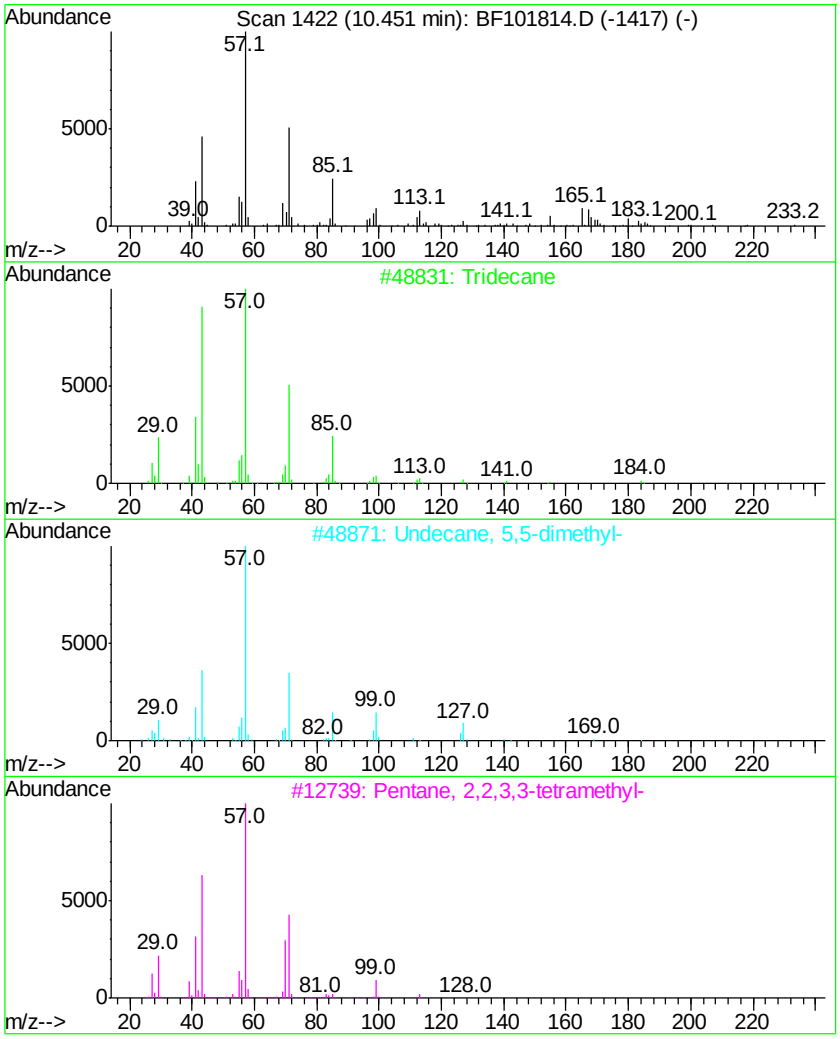
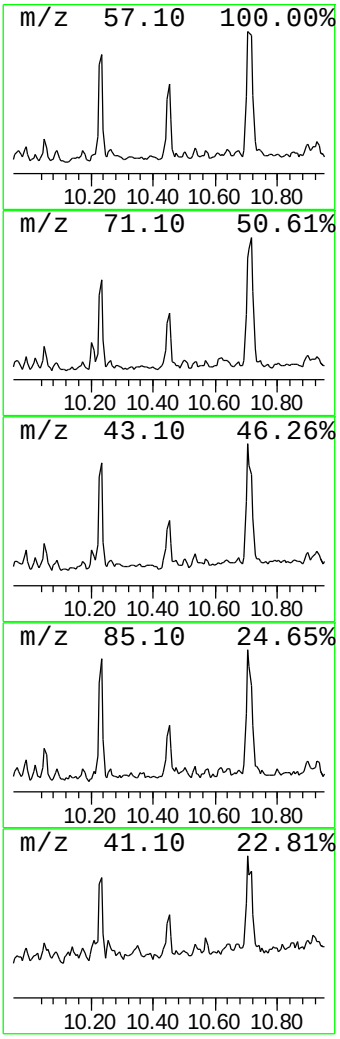
Peak Number 9 Tridecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.45	3.93 ng	159463	Acenaphthene-d10	9.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	64
2	Undecane, 5,5-dimethyl-	184	C13H28	017312-73-1	50
3	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	47
4	Sulfurous acid, butyl 2-ethylhex...	250	C12H26O3S	1000309-18-8	43
5	Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	43





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Misc :
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Instrument : BNA_F
ClientSampleId : TB-07(6-8)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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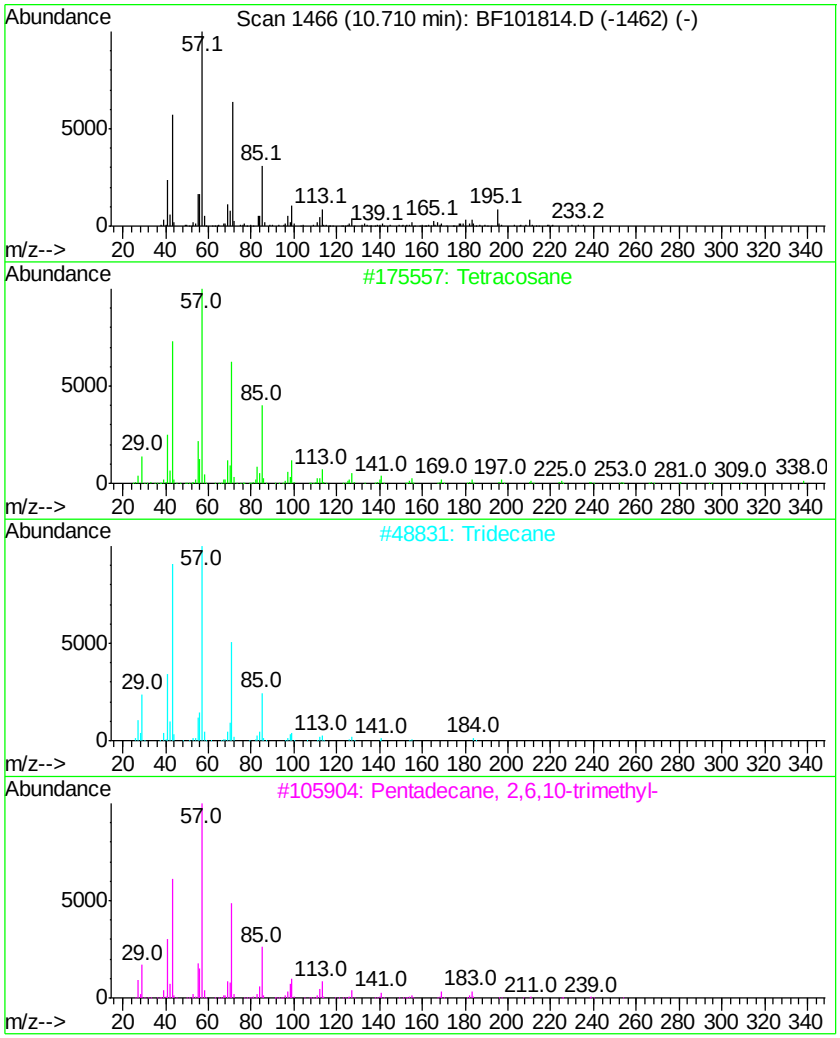
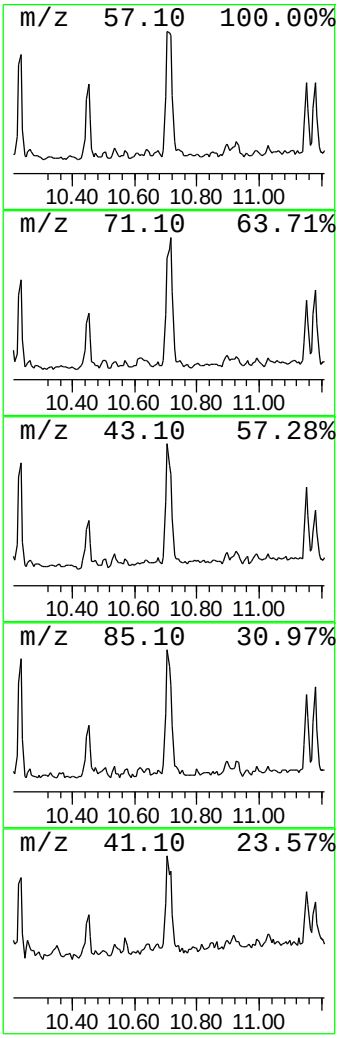
Peak Number 10 Tetracosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.71	12.89 ng	424520	Phenanthrene-d10	11.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	72
2	Tridecane	184	C13H28	000629-50-5	64
3	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	64
4	Pentadecane	212	C15H32	000629-62-9	59
5	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	59





Library Search Compound Report

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Sample : I7006-01 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\NIST11.L
TIC Integration Parameters: LSCINT.P

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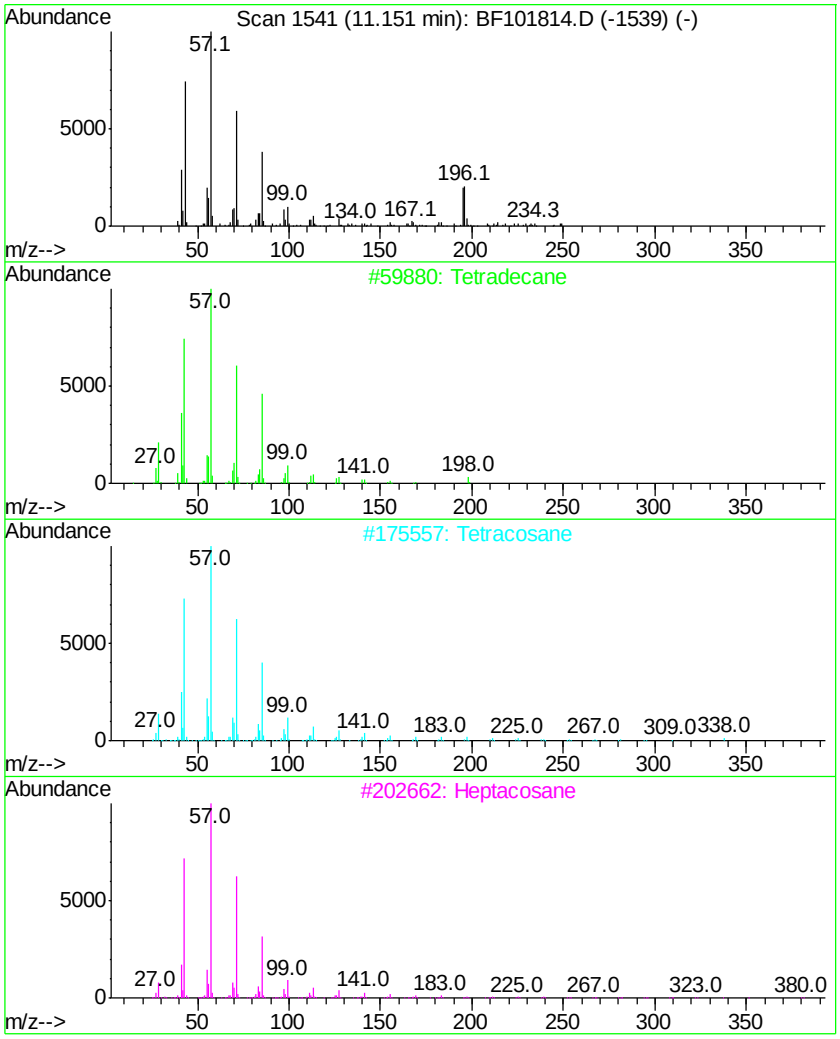
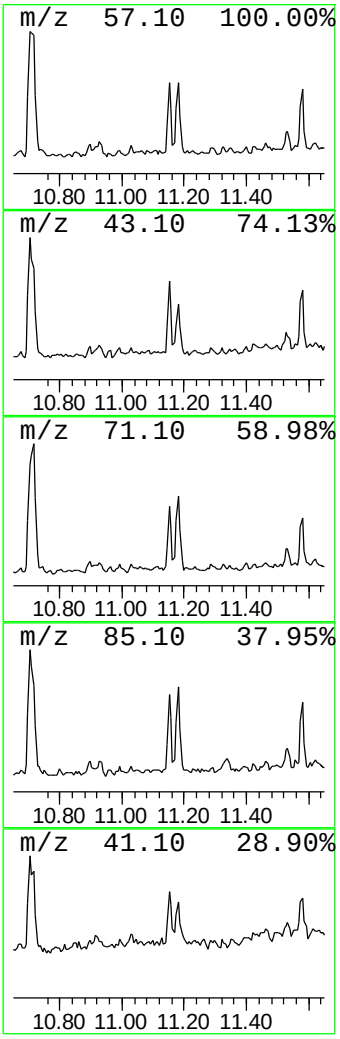
Peak Number 11 Tetradecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.15	4.22 ng	139183	Phenanthrene-d10	11.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	93
2	Tetracosane	338	C24H50	000646-31-1	58
3	Heptacosane	380	C27H56	000593-49-7	58
4	Heneicosane	296	C21H44	000629-94-7	52
5	Eicosane	282	C20H42	000112-95-8	52





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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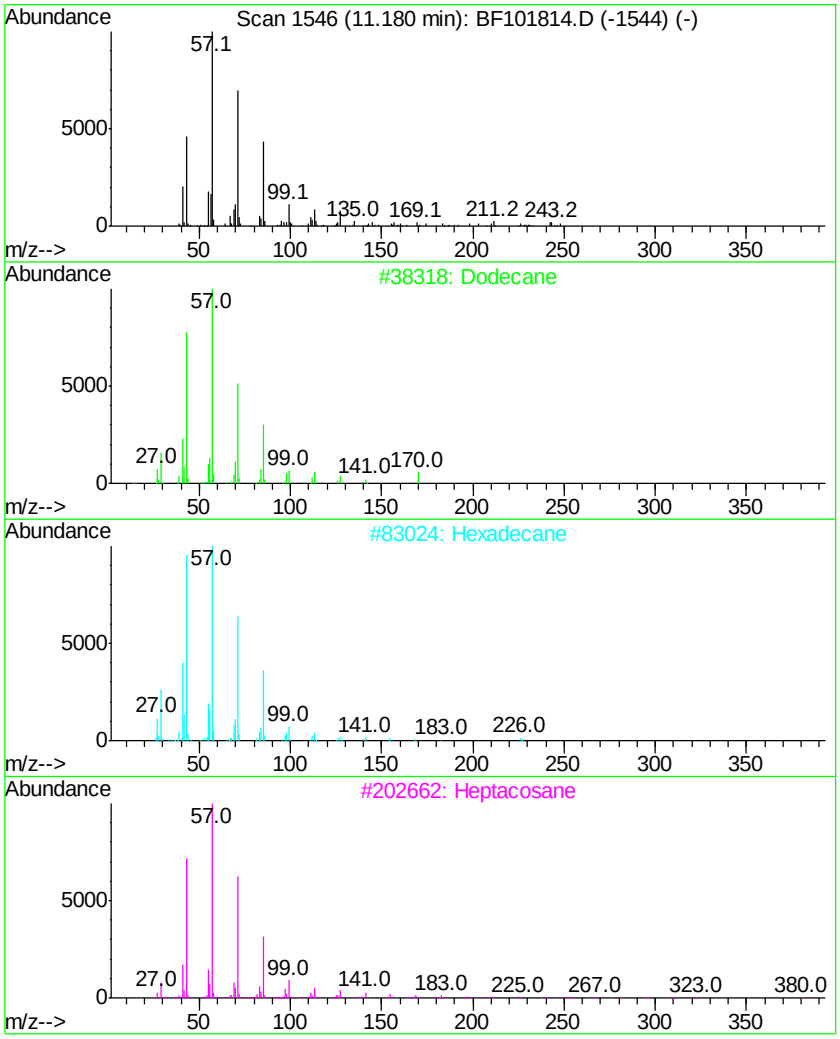
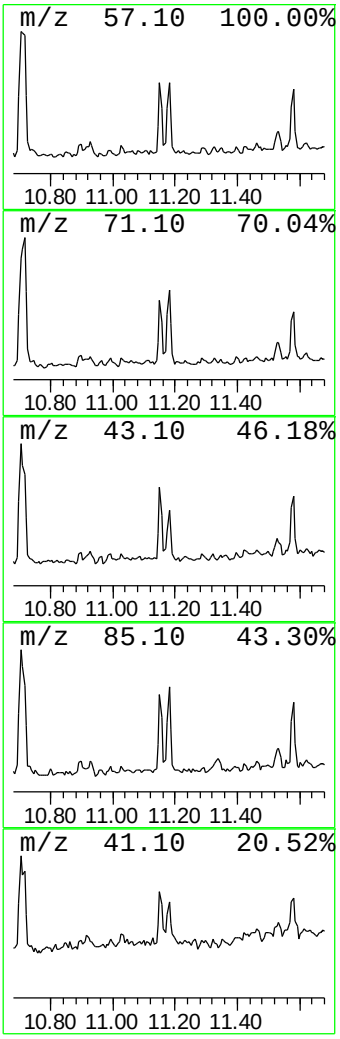
Peak Number 12 Dodecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.18	3.45 ng	113646	Phenanthrene-d10	11.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	86
2	Hexadecane	226	C16H34	000544-76-3	86
3	Heptacosane	380	C27H56	000593-49-7	86
4	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	80
5	Pentadecane	212	C15H32	000629-62-9	78





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Instrument : BNA_F
ClientSampleId : TB-07(6-8)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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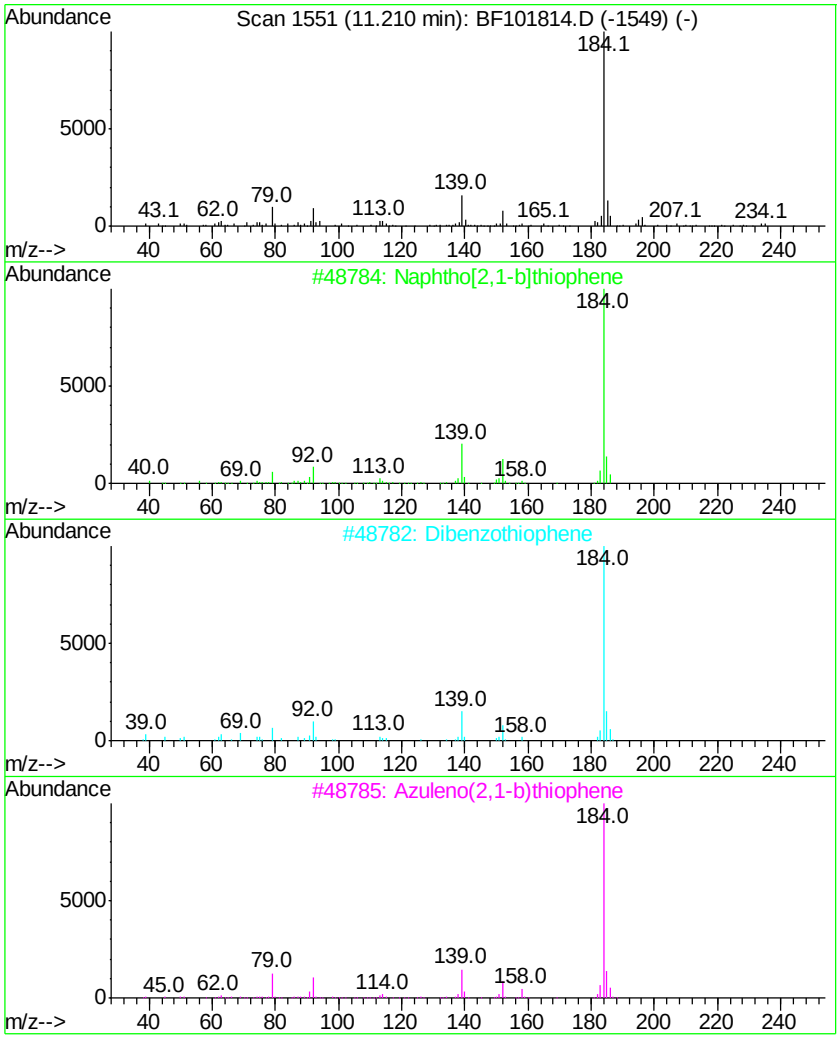
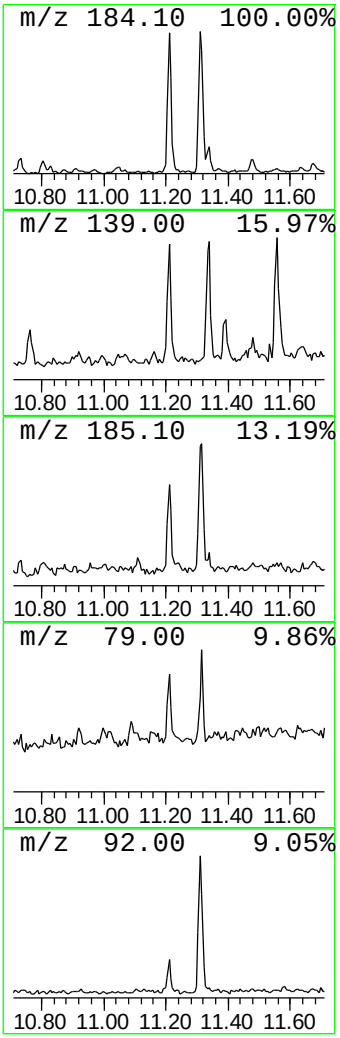
Peak Number 13 Naphtho[2,1-b]thiophene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.21	3.66 ng	120506	Phenanthrene-d10	11.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	91
2	Dibenzothiophene	184	C12H8S	000132-65-0	91
3	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	83
4	Dibenzothiophene, 5-oxide	200	C12H8OS	001013-23-6	72
5	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	64





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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\NIST11.L
TIC Integration Parameters: LSCINT.P

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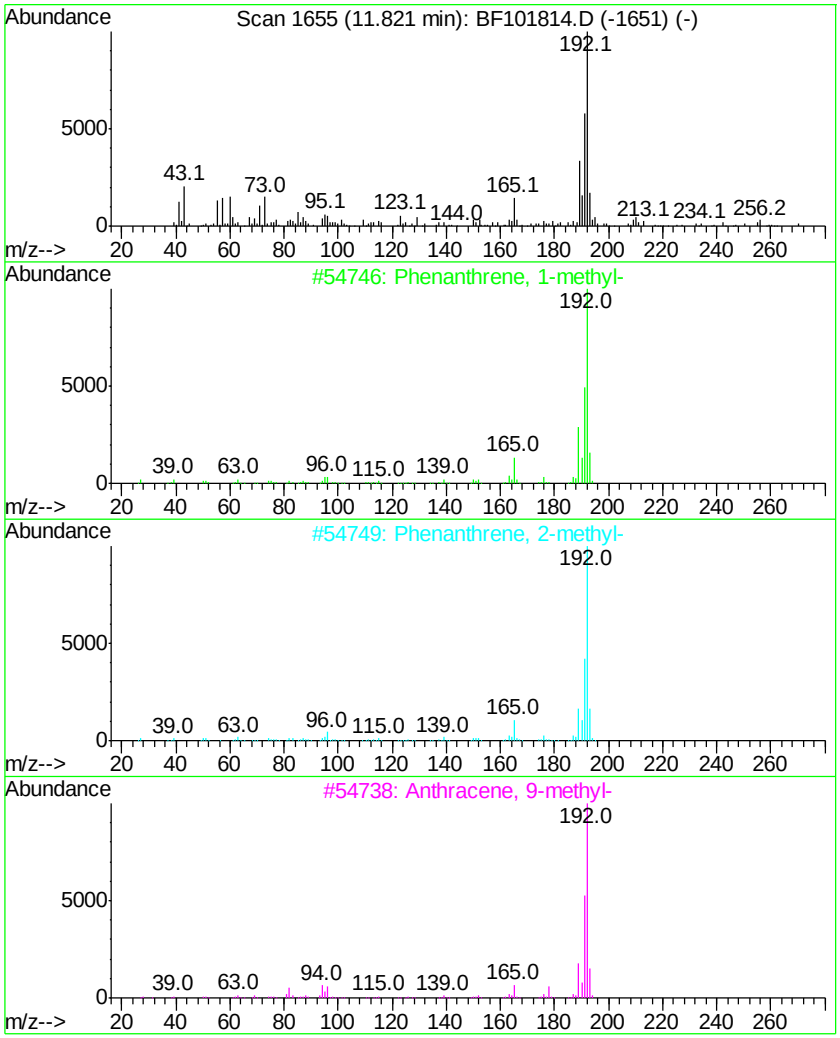
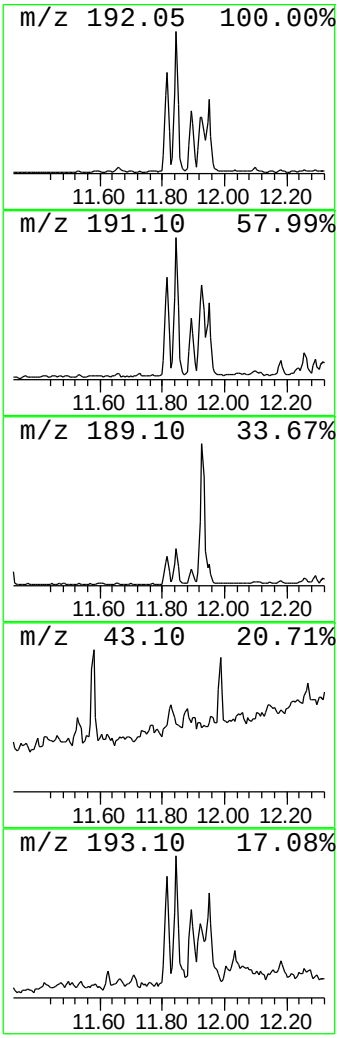
Peak Number 14 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	9.02 ng	297118	Phenanthrene-d10	11.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94





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Sample : I7006-01 2X
Misc :
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Instrument : BNA_F
ClientSampleId : TB-07(6-8)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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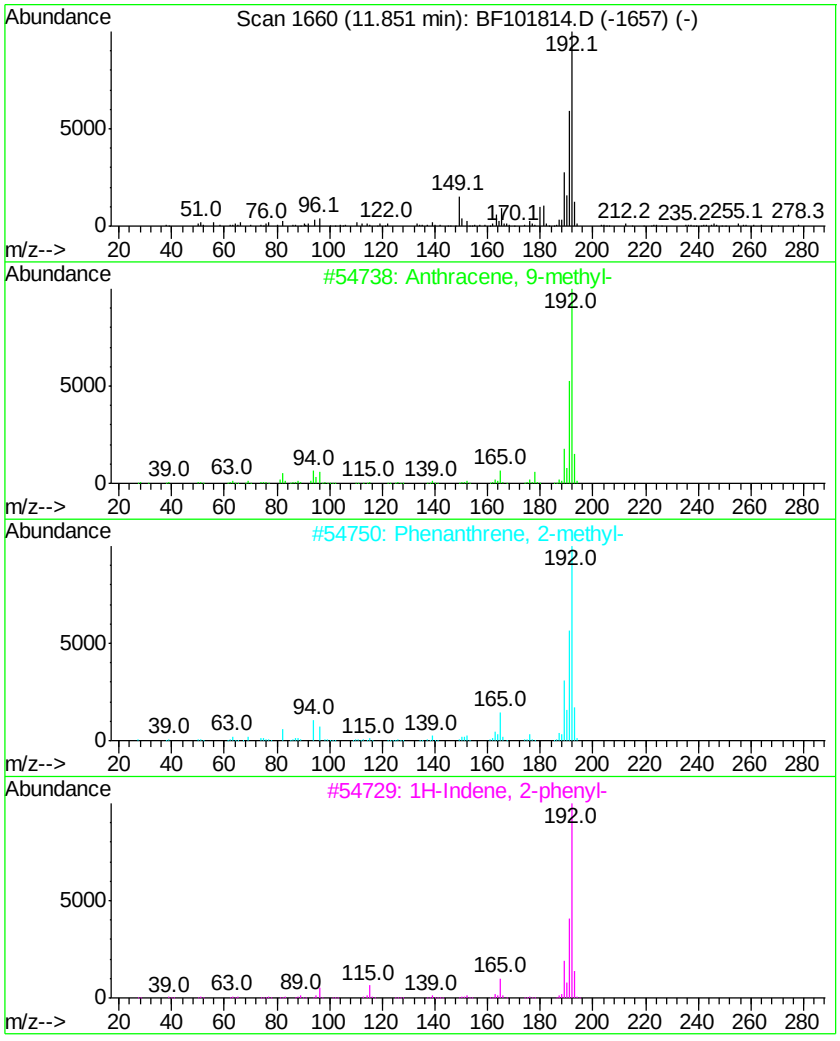
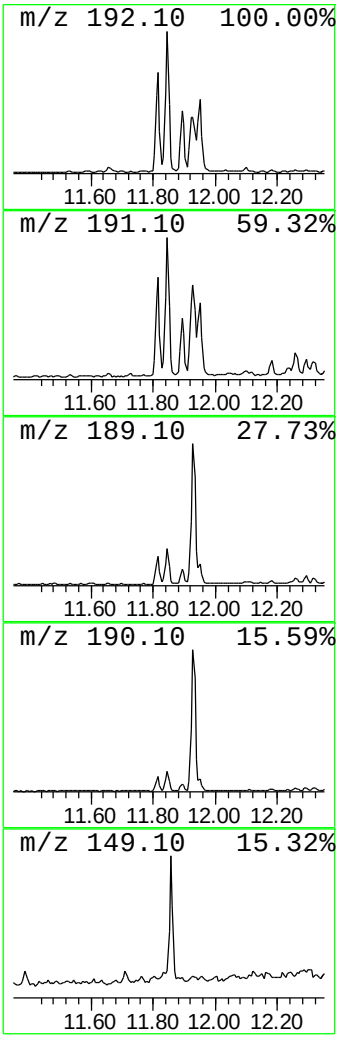
Peak Number 15 Anthracene, 9-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	7.42 ng	244557	Phenanthrene-d10	11.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	91
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	91
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





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Misc :
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Instrument : BNA_F
ClientSampleId : TB-07(6-8)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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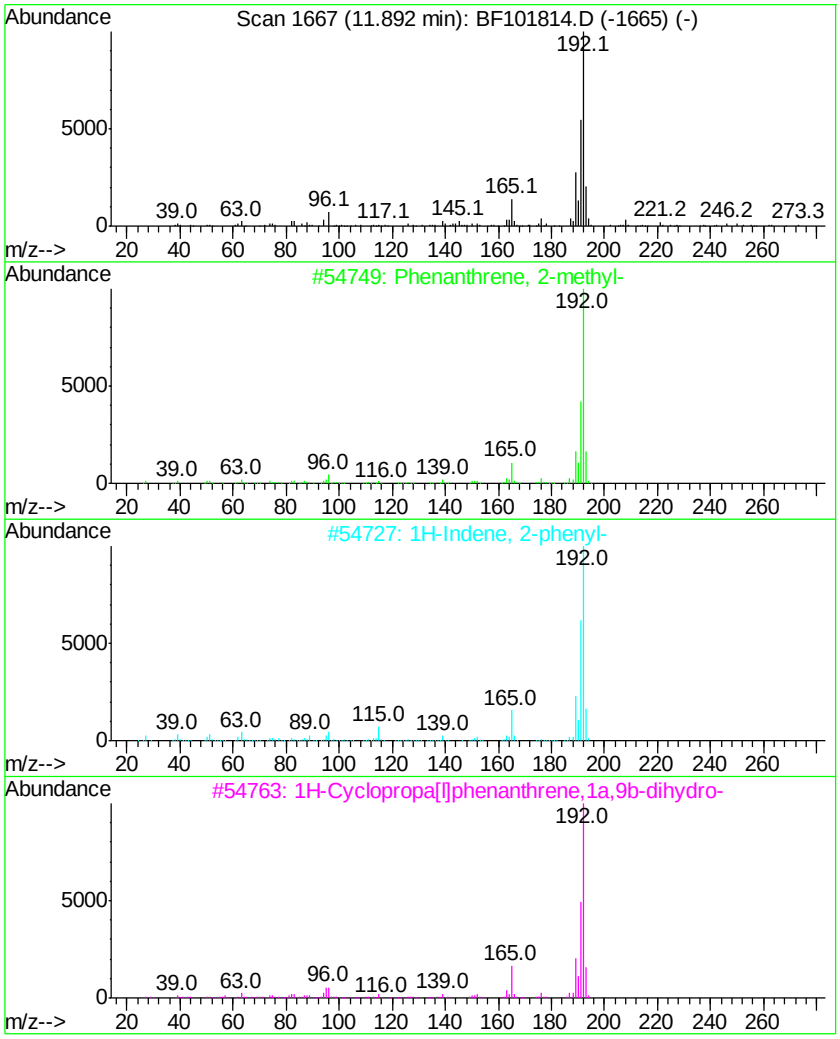
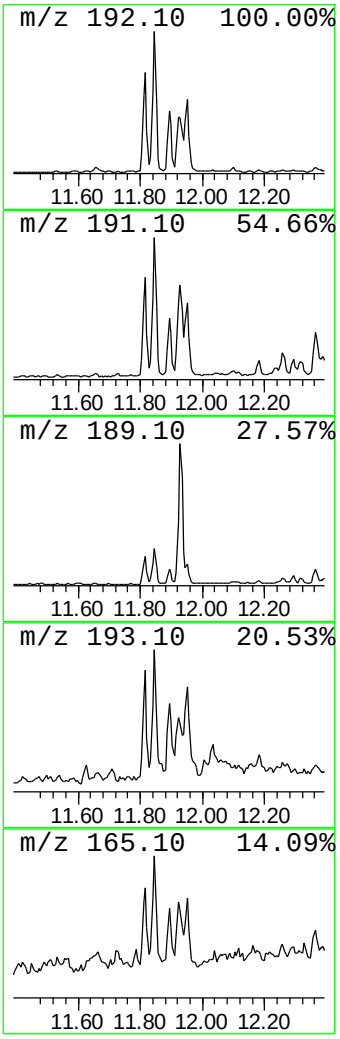
Peak Number 16 Phenanthrene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	3.35 ng	110286	Phenanthrene-d10	11.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91





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Instrument : BNA_F
ClientSampleId : TB-07(6-8)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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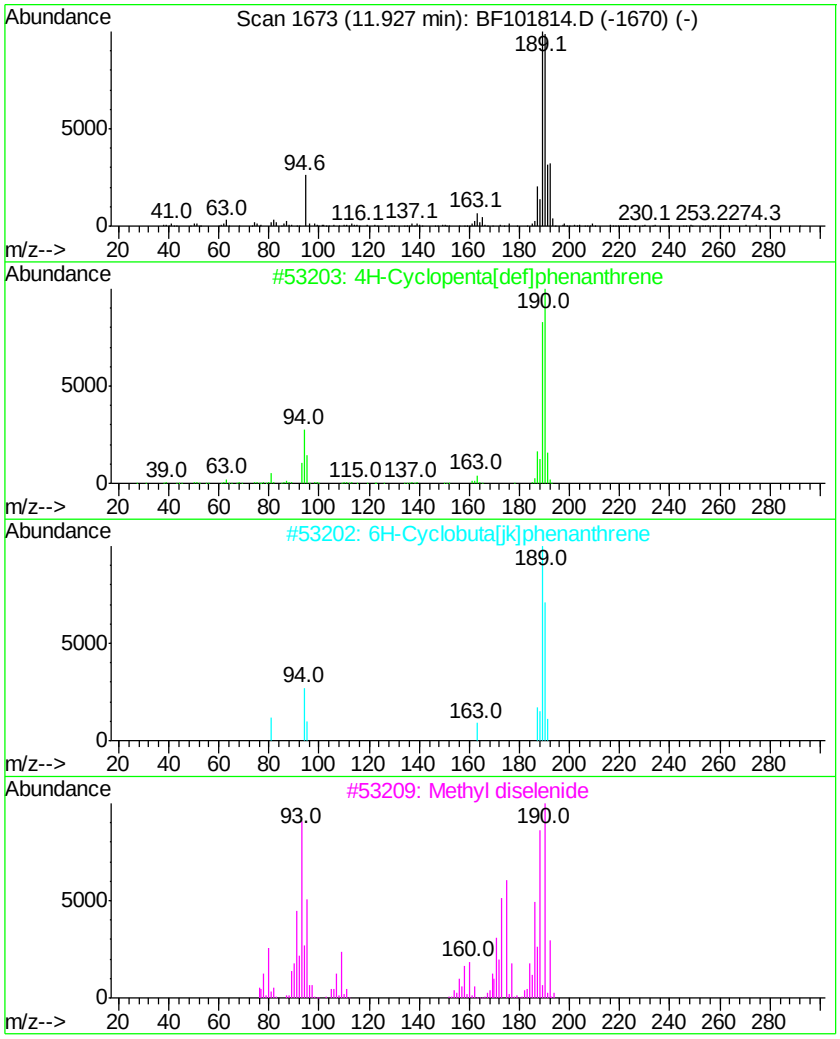
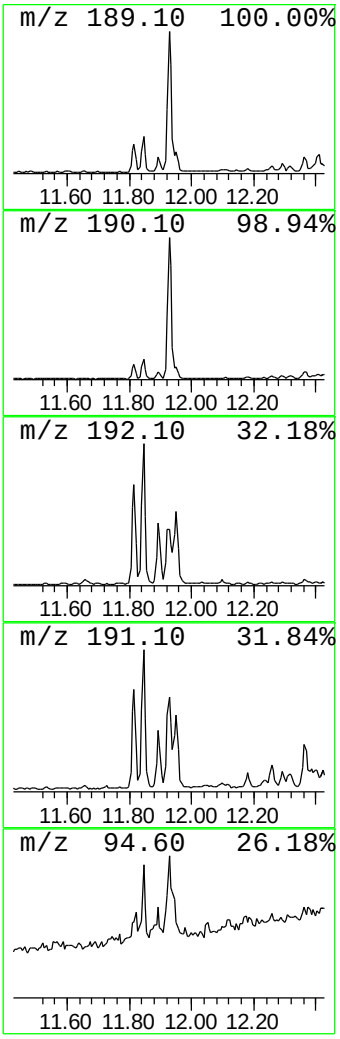
Peak Number 17 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	13.35 ng	439906	Phenanthrene-d10	11.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3	Methyl diselenide	190	C2H6Se2	007101-31-7	55
4	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45





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Misc :
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Instrument : BNA_F
ClientSampleId : TB-07(6-8)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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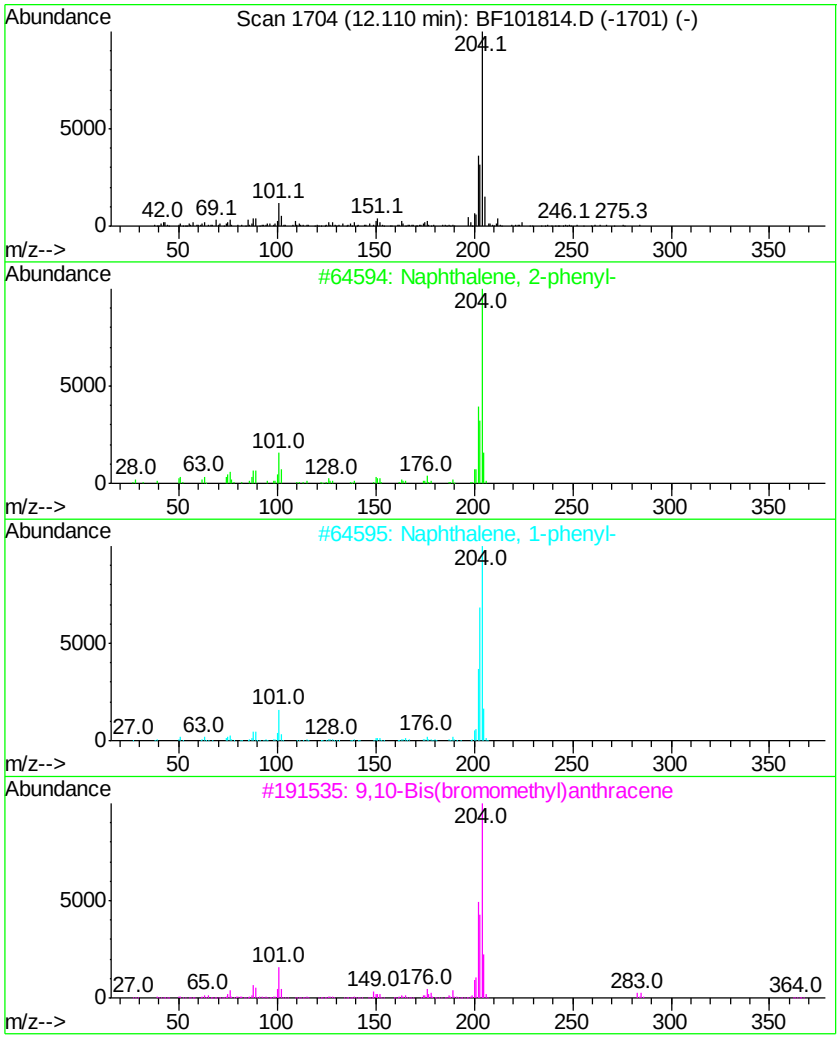
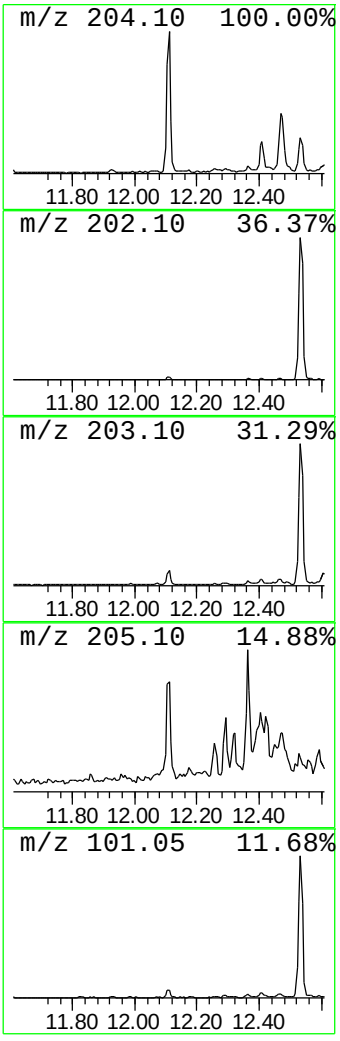
Peak Number 18 Naphthalene, 2-phenyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	5.56 ng	183083	Phenanthrene-d10	11.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	64
3	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	58
4	6-Cyanophenanthridine	204	C14H8N2	002176-28-5	53
5	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	50





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Sample : I7006-01 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TB-07(6-8)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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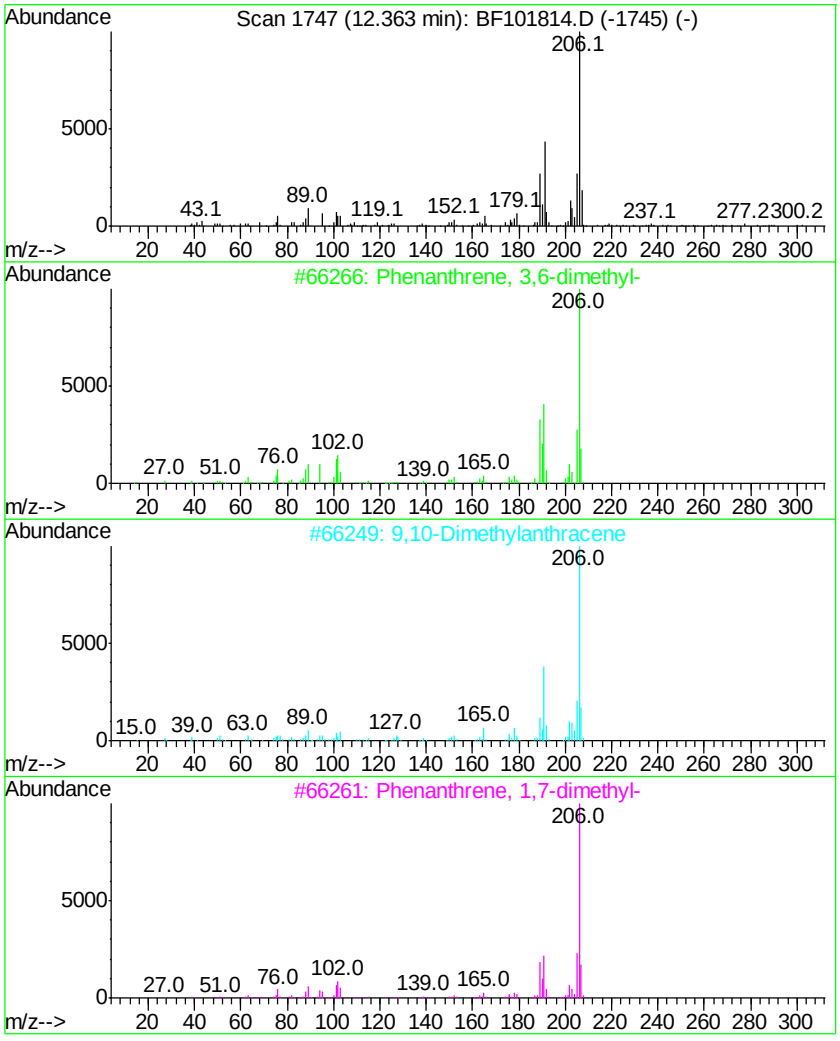
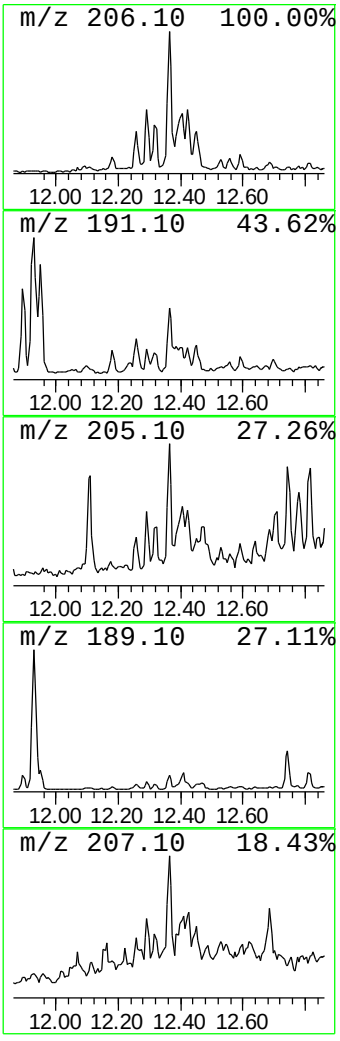
Peak Number 19 Phenanthrene, 3,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	5.09 ng	167669	Phenanthrene-d10	11.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	91
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	89
5	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	87





Data Path : Z:\HPCHEM1\BNA F\DATA\BF122817\
Data File : BF101814.D
Acq On : 28 Dec 2017 20:33
Operator : SJ/JU
Sample : I7006-01 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TB-07(6-8)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

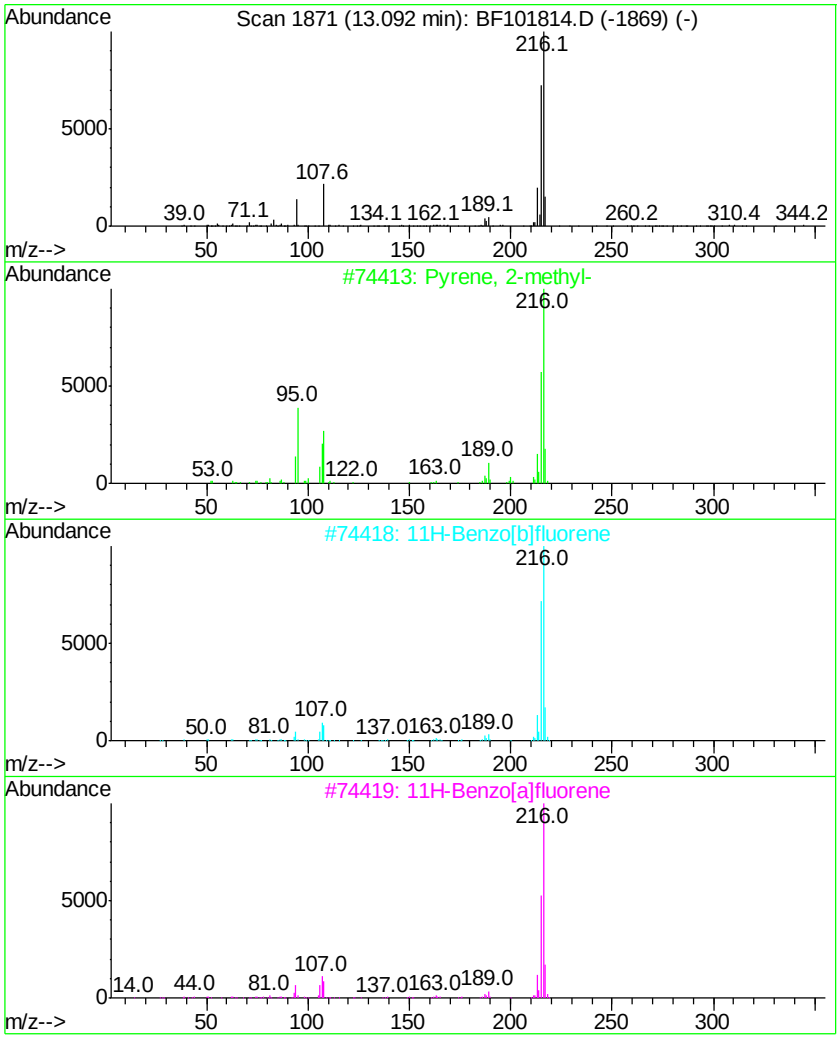
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

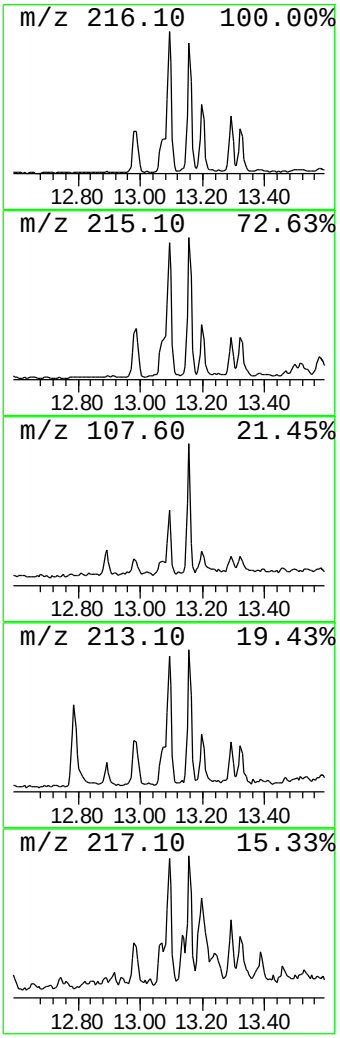
****

Peak Number 20 Pyrene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.09	3.48 ng	298412	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	91
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	80
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	72
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122817\
Data File : BF101814.D
Acq On : 28 Dec 2017 20:33
Operator : SJ/JU
Sample : I7006-01 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TB-07(6-8)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.99	3.9	ng	148589	1	6.78	771788	20.0
Bicyclo[4.2.0]oct...	5.62	2.5	ng	98357	1	6.78	771788	20.0
unknown6.56	6.56	36.8	ng	1418650	1	6.78	771788	20.0
Naphthalene, 1-me...	8.88	2.8	ng	130524	2	8.06	918871	20.0
Octacosane	9.20	4.4	ng	179150	3	9.82	812066	20.0
Naphthalene, 1,7-...	9.40	3.3	ng	132504	3	9.82	812066	20.0
9-methylheptadecane	10.23	4.0	ng	161055	3	9.82	812066	20.0
Tridecane	10.45	3.9	ng	159463	3	9.82	812066	20.0
Tetracosane	10.71	12.9	ng	424520	4	11.31	658881	20.0
Tetradecane	11.15	4.2	ng	139183	4	11.31	658881	20.0
Dodecane	11.18	3.5	ng	113646	4	11.31	658881	20.0
Naphtho[2,1-b]thi...	11.21	3.7	ng	120506	4	11.31	658881	20.0
Phenanthrene, 1-m...	11.82	9.0	ng	297118	4	11.31	658881	20.0
Anthracene, 9-met...	11.85	7.4	ng	244557	4	11.31	658881	20.0
Phenanthrene, 2-m...	11.89	3.4	ng	110286	4	11.31	658881	20.0
4H-Cyclopenta[def...	11.93	13.4	ng	439906	4	11.31	658881	20.0
Naphthalene, 2-ph...	12.11	5.6	ng	183083	4	11.31	658881	20.0
Phenanthrene, 3,6...	12.36	5.1	ng	167669	4	11.31	658881	20.0
Pyrene, 2-methyl-	13.09	3.5	ng	298412	5	13.97	1715740	20.0