LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071816\
Data File : BF089088.D
Acq On : 18 Jul 2016 18:10
Operator : UM/SJ
Sample : H3951-05 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SB-SB02(0-2ft)

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-BF063016.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	1.632	3	4	13	rVB	123769	213149	7.68%	1.144%
2	1.747	13	14	48	rVB	1310198	2773841	100.00%	14.893%
3	4.764	275	278	283	rVB	128797	167929	6.05%	0.902%
4	5.233	316	319	321	rBV	823449	977198	35.23%	5.247%
5	6.296	409	412	414	rBV	1073616	1064115	38.36%	5.713%
6	6.410	419	422	424	rBV	1208489	1044400	37.65%	5.607%
7	6.639	440	442	444	rVB	425282	346417	12.49%	1.860%
8	6.799	453	456	458	rBB	767454	754428	27.20%	4.050%
9	7.210	489	492	494	rVB	705919	698577	25.18%	3.751%
10	7.930	552	555	557	rBV	423772	472257	17.03%	2.536%
11	9.005	646	649	651	rVB	1124426	932268	33.61%	5.005%
12	9.405	681	684	686	rVB	284386	269630	9.72%	1.448%
13	9.530	693	695	698	rVB	44961	38052	1.37%	0.204%
14	9.668	705	707	709	rBV	309754	432411	15.59%	2.322%
15	9.873	723	725	727	rBV	46635	43021	1.55%	0.231%
16	10.216	753	755	758	rVB	41334	38992	1.41%	0.209%
17	10.456	773	776	778	rVB	555861	482614	17.40%	2.591%
18	10.593	784	788	791	rBV3	21822	49461	1.78%	0.266%
19	11.039	825	827	832	rVB	42499	45103	1.63%	0.242%
20	11.142	834	836	841	rBV2	266912	650169	23.44%	3.491%
21	11.222	841	843	845	rVB	95757	78154	2.82%	0.420%
22	11.473	860	865	867	rVB3	22844	41566	1.50%	0.223%
23	11.645	878	880	881	rBV	84911	80449	2.90%	0.432%
24	11.679	881	883	885	rVB	85934	89082	3.21%	0.478%
25	11.725	885	887	888	rBV	33364	30976	1.12%	0.166%
26	11.759	888	890	894	rVB2	105687	177154	6.39%	0.951%
27	11.862	894	899	902	rBV4	31496	77982	2.81%	0.419%
28	11.942	904	906	907	rVV	47416	43141	1.56%	0.232%
29	11.965	907	908	912	rVB	30353	37209	1.34%	0.200%
30	12.125	920	922	925	rVB	37424	60289	2.17%	0.324%
31	12.193	926	928	930	rBV	75256	98092	3.54%	0.527%
32	12.228	930	931	934	rVB	39861	58005	2.09%	0.311%
33	12.285	934	936	938	rVB2	33510	55900	2.02%	0.300%
34	12.354	939	942	944	rVB	476670	415058	14.96%	2.228%

LSC Area Percent Report

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Operator : UM/SJ
Sample : H3951-05 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SB-SB02(0-2ft)

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-BF063016.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.411	944	947	949	rBV4	17028	35632	1.28%	0.191%
36	12.502	952	955	958	rBV4	32639	70100	2.53%	0.376%
37	12.582	959	962	963	rBV	427924	479975	17.30%	2.577%
38	12.696	971	972	973	rBV	45555	39971	1.44%	0.215%
39	12.731	973	975	978	rVB	615820	563905	20.33%	3.028%
40	12.799	979	981	985	rBV4	51786	96598	3.48%	0.519%
41	12.902	987	990	994	rVV2	70564	185717	6.70%	0.997%
42	12.971	994	996	998	rVV	48505	77881	2.81%	0.418%
43	13.005	998	999	1002	rVV	75634	102302	3.69%	0.549%
44	13.096	1005	1007	1009	rBV	58400	72681	2.62%	0.390%
45	13.131	1009	1010	1012	rBV	71904	63649	2.29%	0.342%
46	13.176	1012	1014	1017	rBV3	28670	50649	1.83%	0.272%
47	13.279	1021	1023	1025	rBV3	53227	67621	2.44%	0.363%
48	13.416	1032	1035	1039	rVB2	80043	136177	4.91%	0.731%
49	13.474	1039	1040	1042	rVB	42455	31841	1.15%	0.171%
50	13.519	1042	1044	1046	rBV3	64242	126742	4.57%	0.680%
51	13.771	1063	1066	1072	rVB2	434772	769926	27.76%	4.134%
52	13.862	1072	1074	1076	rBV2	53693	70128	2.53%	0.377%
53	14.159	1098	1100	1102	rBV	115213	107343	3.87%	0.576%
54	14.194	1102	1103	1104	rVB	48055	32942	1.19%	0.177%
55	14.285	1109	1111	1114	rVB4	52896	96755	3.49%	0.519%
56	14.491	1127	1129	1132	rBV	52148	82913	2.99%	0.445%
57	14.571	1134	1136	1138	rVB2	76481	90409	3.26%	0.485%
58	14.765	1151	1153	1157	rBV	213680	406586	14.66%	2.183%
59	15.028	1174	1176	1179	rVB	163067	196397	7.08%	1.054%
60	15.085	1179	1181	1183	rVV	191678	296575	10.69%	1.592%
61	15.142	1183	1186	1195	rVB2	240584	603946	21.77%	3.243%
62	15.417	1208	1210	1211	rBV	62716	69095	2.49%	0.371%
63	15.520	1217	1219	1221	rVB	77164	85601	3.09%	0.460%
64	16.388	1293	1295	1300	rVB2	83023	165942	5.98%	0.891%
65	16.640	1315	1317	1318	rVB2	44920	52492	1.89%	0.282%
66	16.765	1326	1328	1337	rVB	85791	217267	7.83%	1.166%
67	18.320	1462	1464	1466	rVB3	28626	30091	1.08%	0.162%
68	18.583	1483	1487	1489	rBV5	44434	102596	3.70%	0.551%
69	18.674	1492	1495	1501	rVB5	41321	110077	3.97%	0.591%

Sum of corrected areas: 18625611

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Operator : UM/SJ
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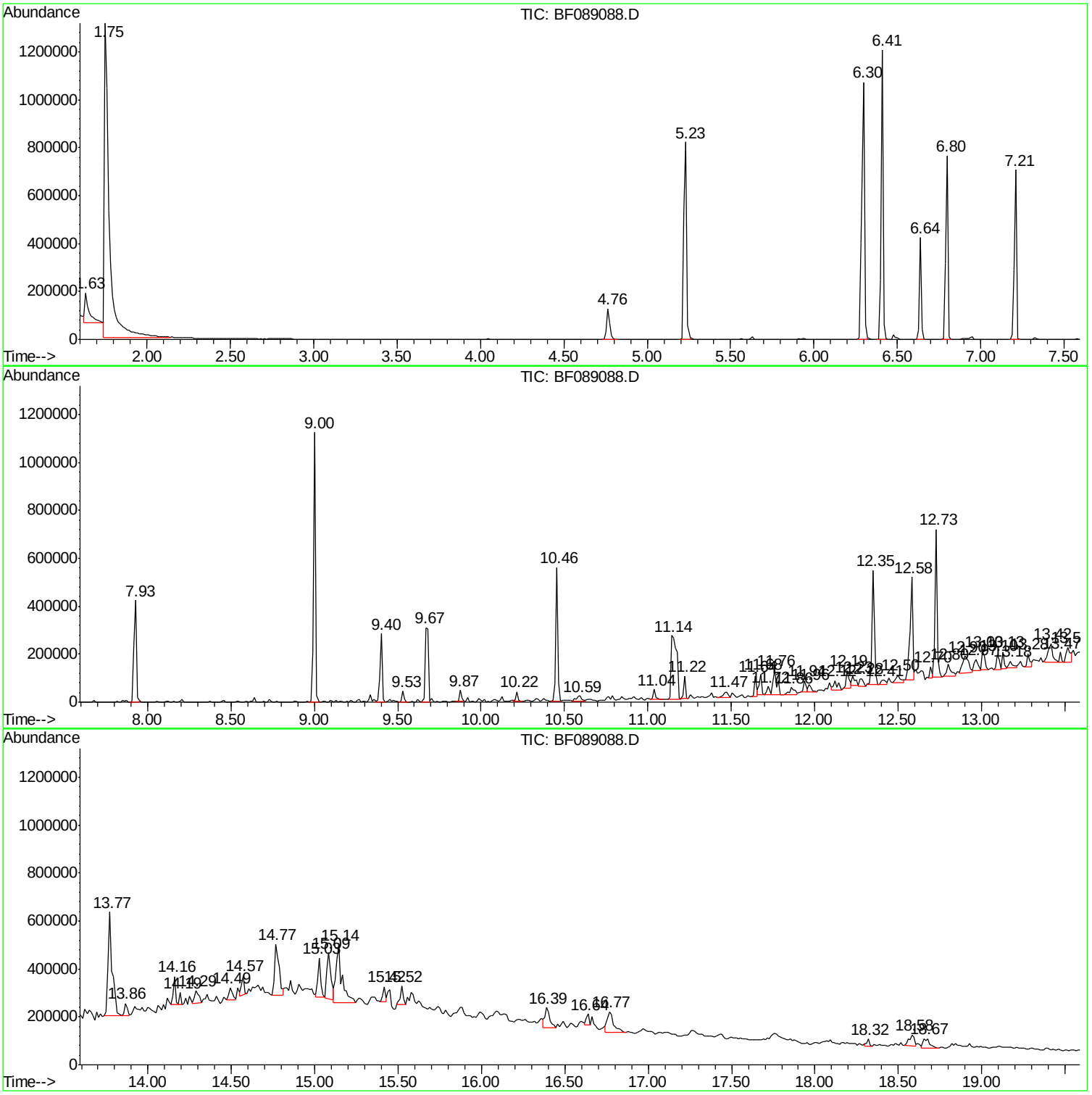
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB02(0-2ft)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.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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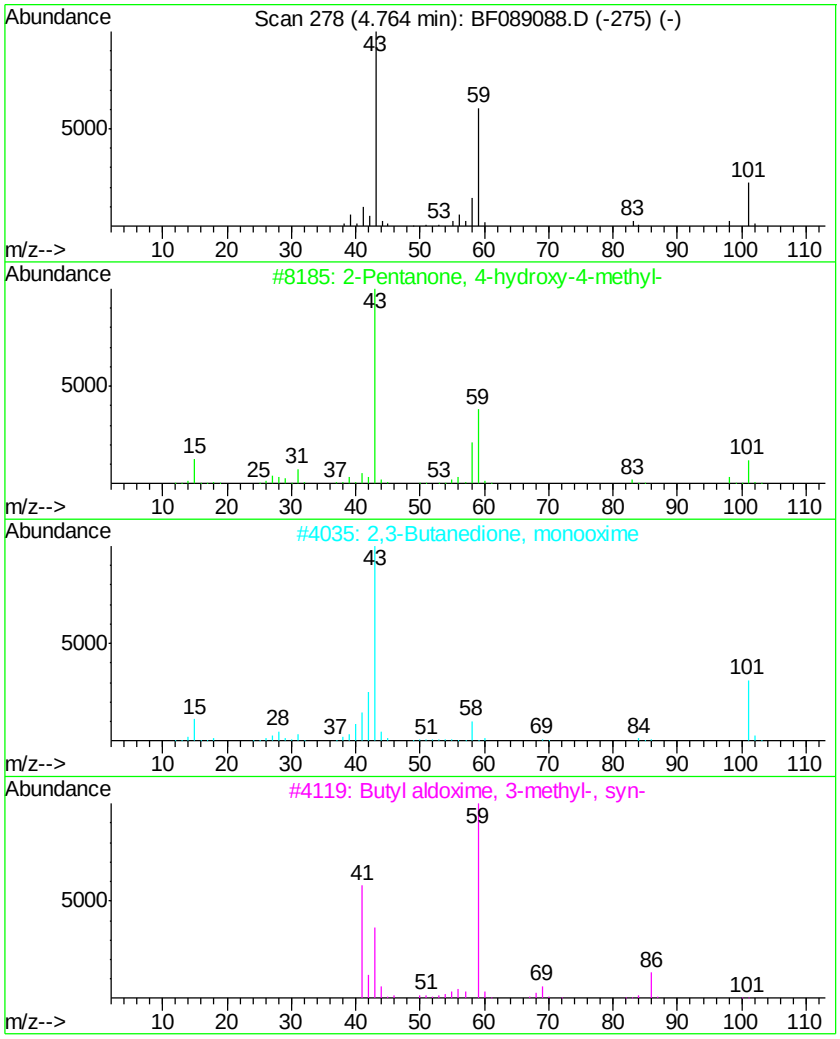
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

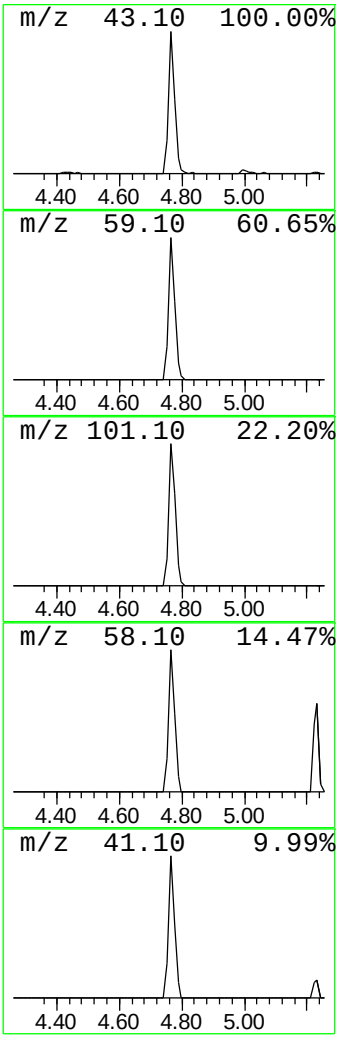
****

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.76	9.70 ng	167929	1,4-Dichlorobenzene-d4	6.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	25
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF071816\
Data File : BF089088.D
Acq On : 18 Jul 2016 18:10
Operator : UM/SJ
Sample : H3951-05 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SB-SB02(0-2ft)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

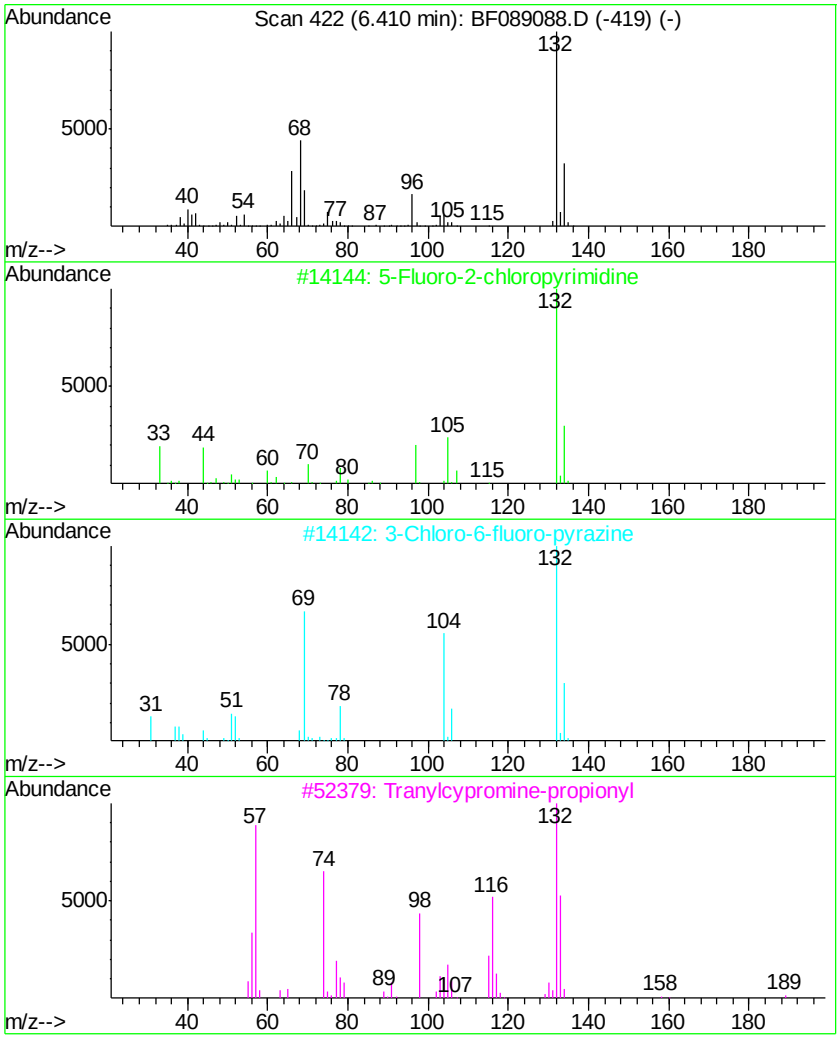
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

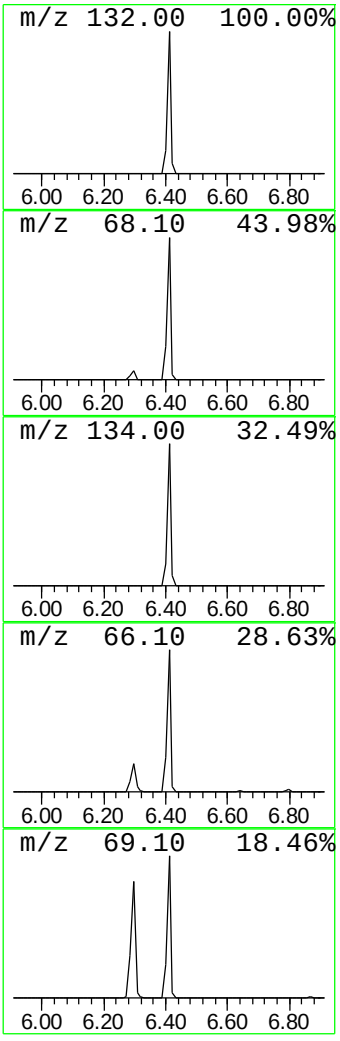
****

Peak Number 4 unknown6.41 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.41	60.30 ng	1044400	1,4-Dichlorobenzene-d4	6.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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Operator : UM/SJ
Sample : H3951-05 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SB-SB02(0-2ft)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

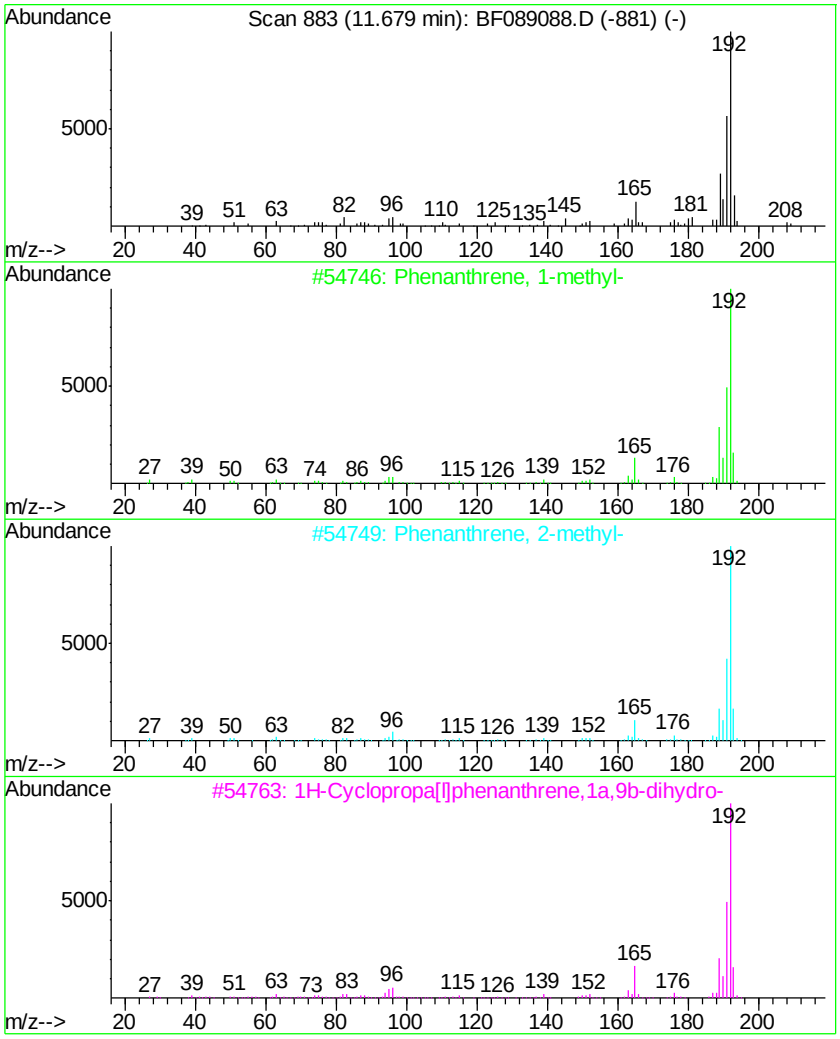
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

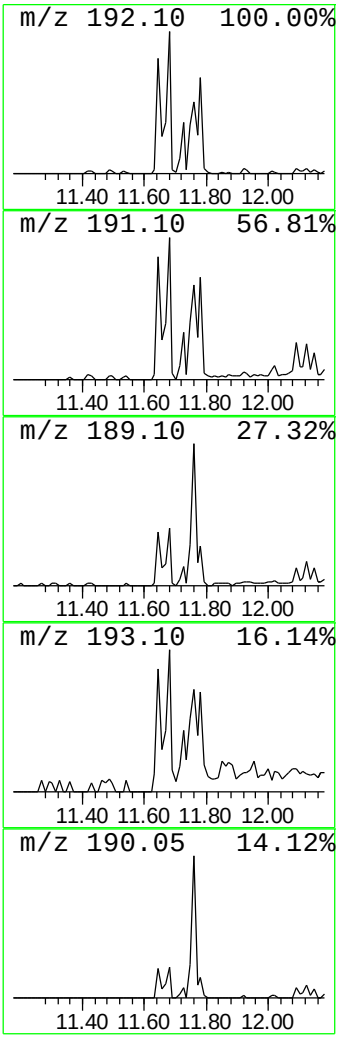
****

Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.68	2.74 ng	89082	Phenanthrene-d10	11.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95





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Acq On : 18 Jul 2016 18:10
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Sample : H3951-05 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SB-SB02(0-2ft)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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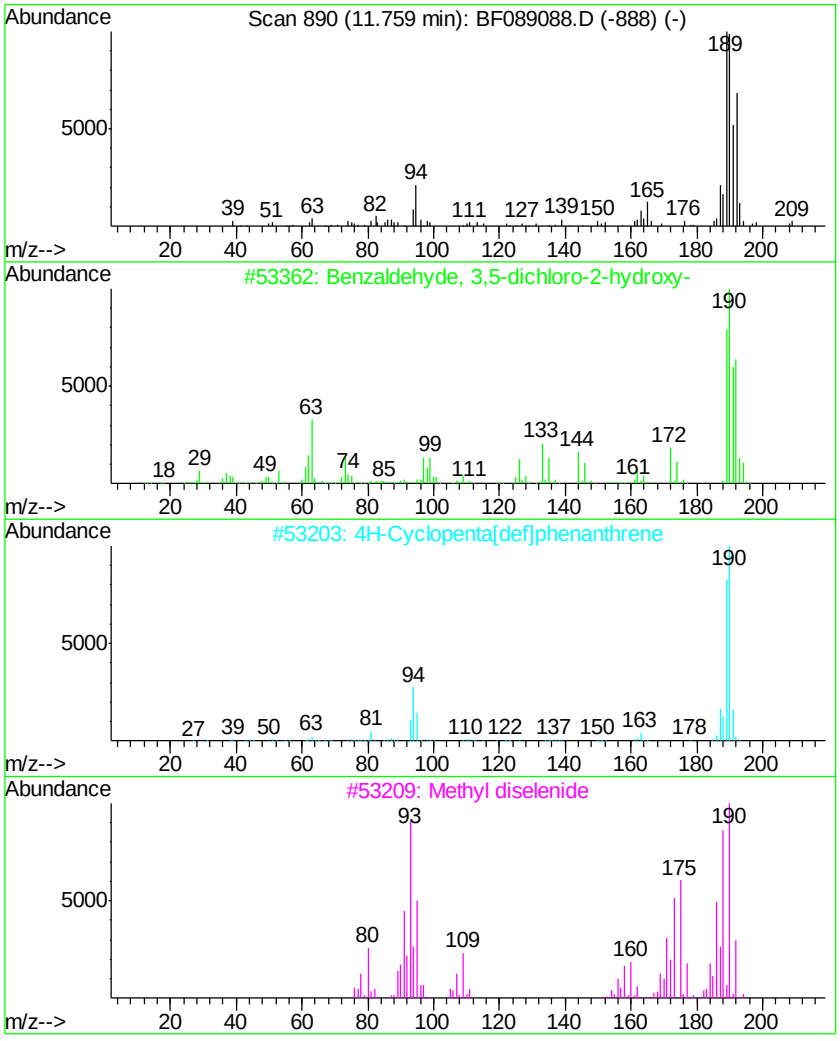
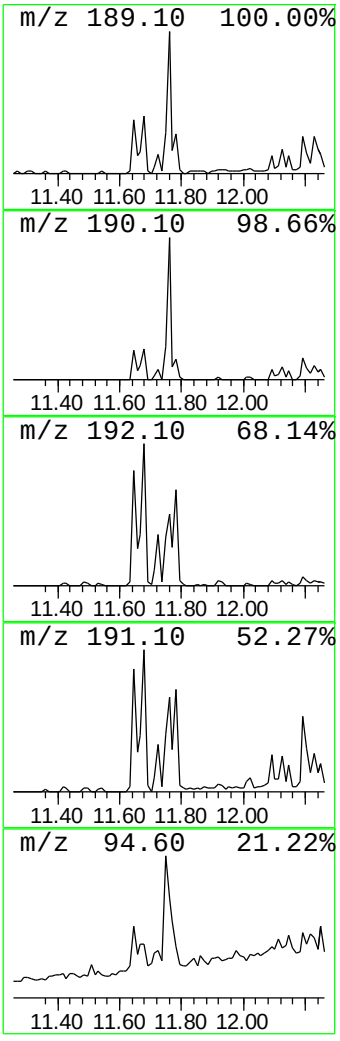
****

Peak Number 7 Benzaldehyde, 3,5-dichloro-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	5.45 ng	177154	Phenanthrene-d10	11.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	62
3	Methyl diselenide	190	C2H6Se2	007101-31-7	45
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	38
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	35





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Sample : H3951-05 2X
Misc :
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Instrument : BNA_F
ClientSampleId : LSS-SB-SB02(0-2ft)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.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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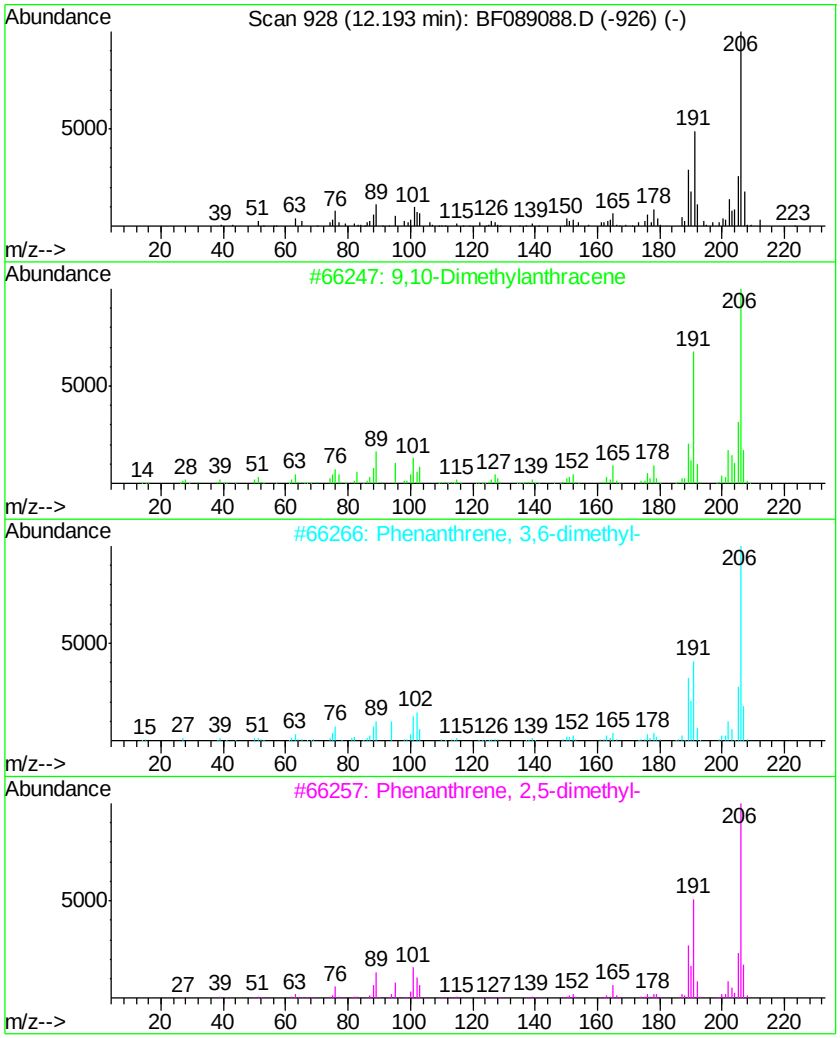
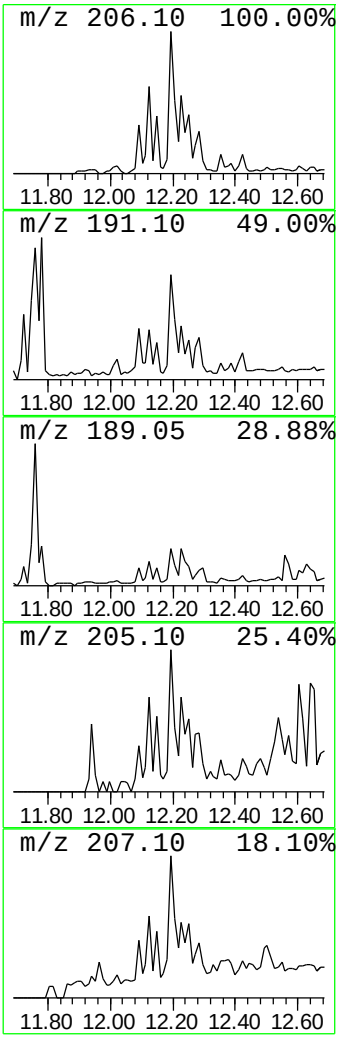
Peak Number 8 9,10-Dimethylanthracene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.19	3.02 ng	98092	Phenanthrene-d10	11.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	95
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	91
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90





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Sample : H3951-05 2X
Misc :
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Instrument : BNA_F
ClientSampleId : LSS-SB-SB02(0-2ft)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

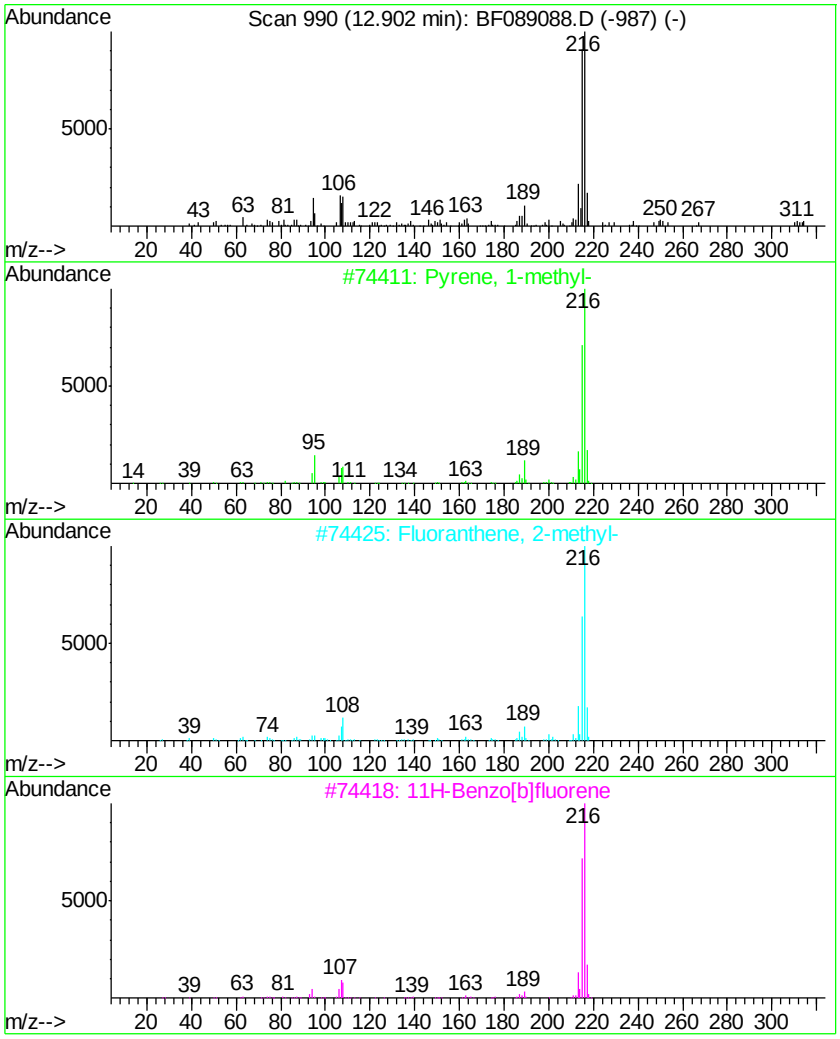
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

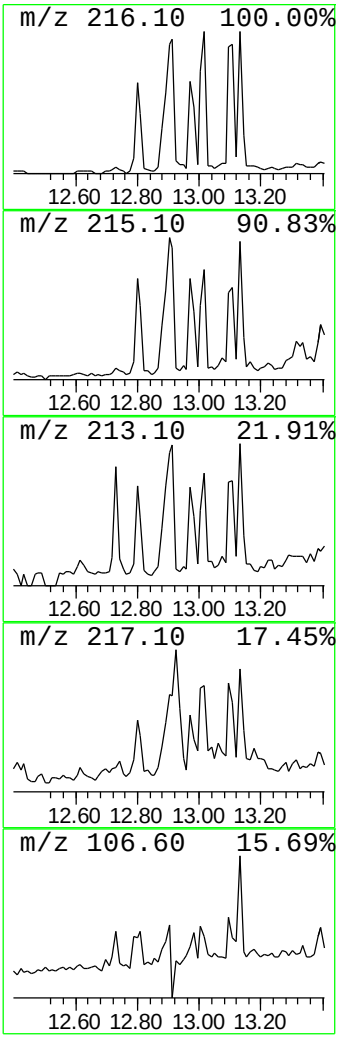
****

Peak Number 9 Pyrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.90	4.82 ng	185717	Chrysene-d12	13.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	89
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81





Data Path : Z:\HPCHEM1\BNA F\DATA\BF071816\
Data File : BF089088.D
Acq On : 18 Jul 2016 18:10
Operator : UM/SJ
Sample : H3951-05 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SB-SB02(0-2ft)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

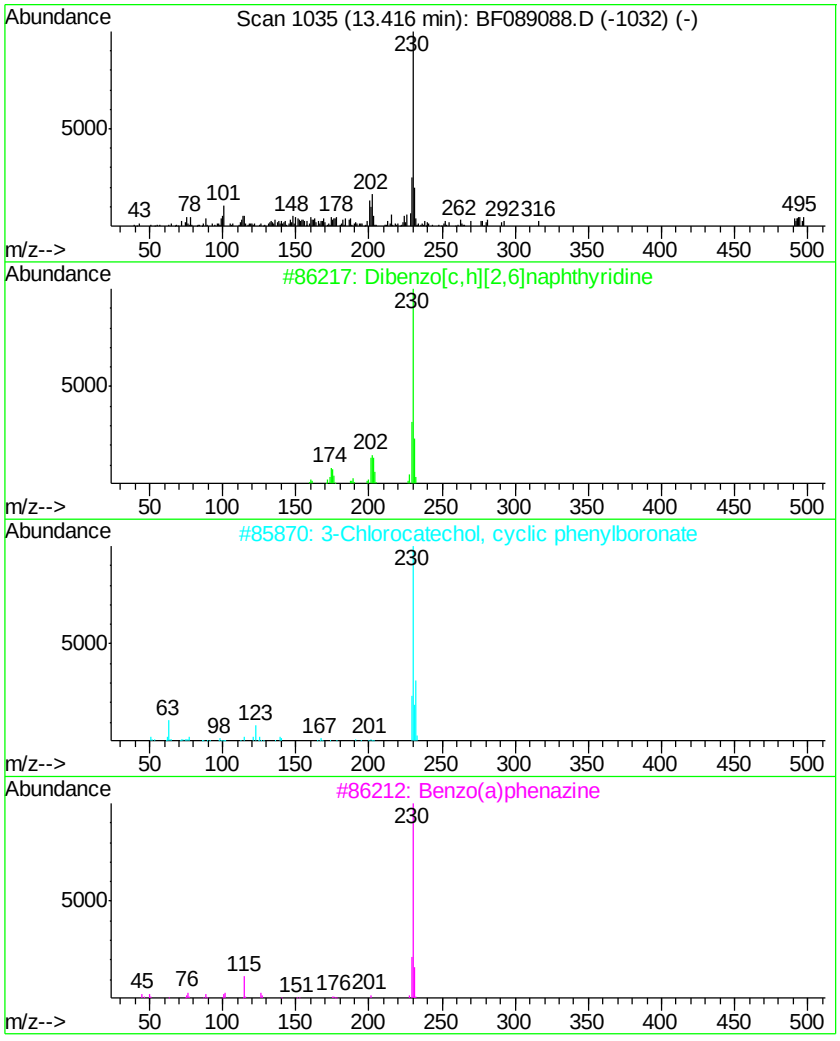
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

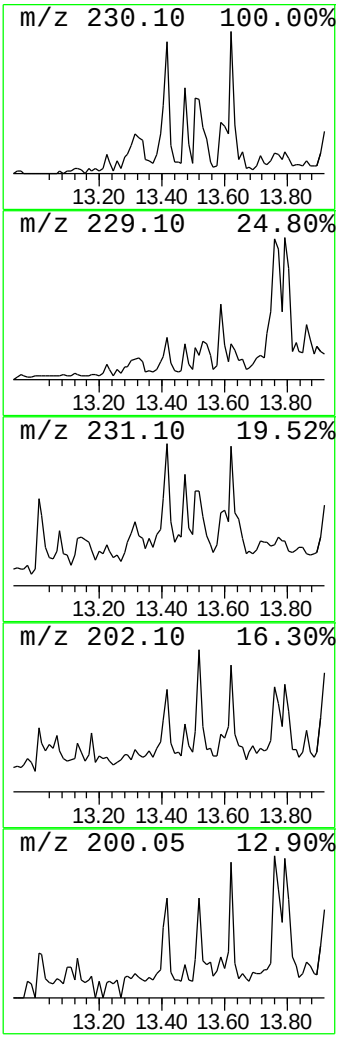
****

Peak Number 11 Dibenzo[c,h][2,6]naphthyridine Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.42	3.54 ng	136177	Chrysene-d12	13.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo[c,h][2,6]naphthyridine	230	C16H10N2	000218-30-4	81
2	3-Chlorocatechol, cyclic phenylb...	230	C12H8BClO2	1000293-25-0	72
3	Benzo(a)phenazine	230	C16H10N2	000225-61-6	72
4	m-Terphenyl	230	C18H14	000092-06-8	58
5	p-Terphenyl	230	C18H14	000092-94-4	53





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071816\
Data File : BF089088.D
Acq On : 18 Jul 2016 18:10
Operator : UM/SJ
Sample : H3951-05 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SB-SB02(0-2ft)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

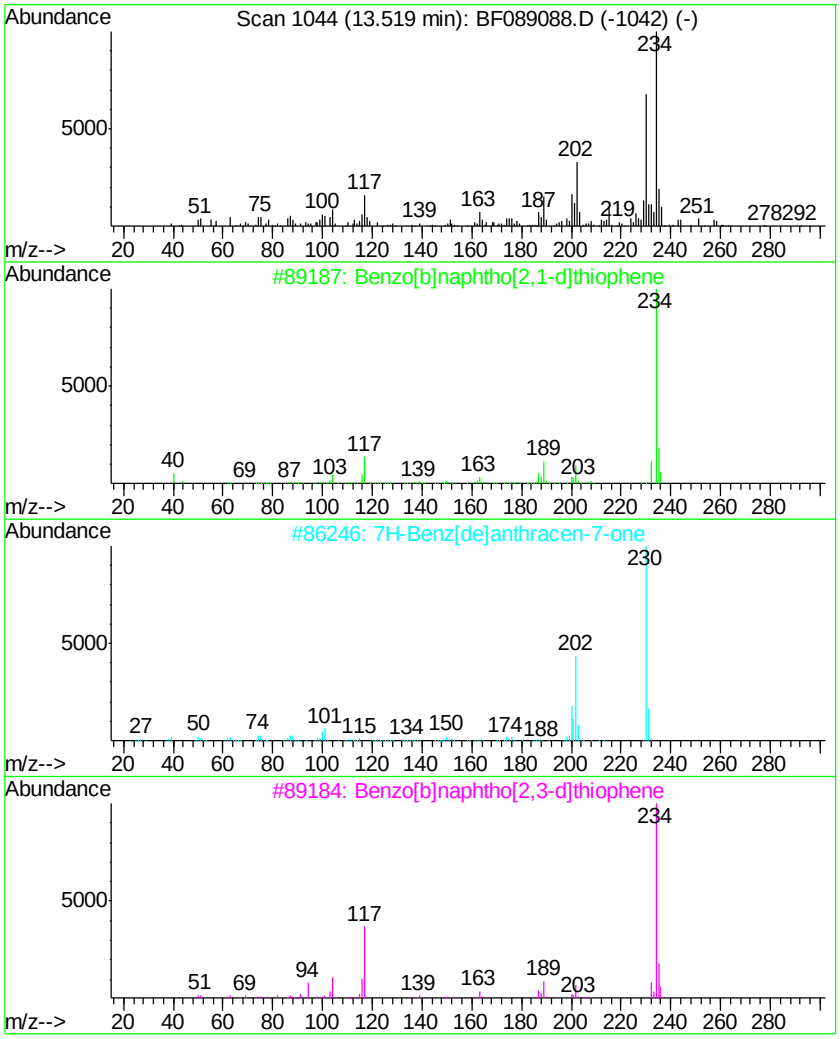
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

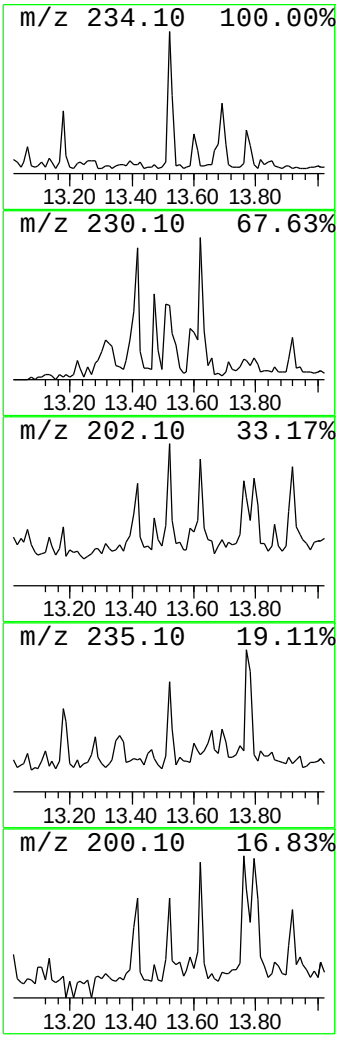
****

Peak Number 12 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.52	3.29 ng	126742	Chrysene-d12	13.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	91
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	74
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	60
4	Anthra(1,2-b)thiophene	234	C16H10S	000227-86-1	60
5	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	60





Data Path : Z:\HPCHEM1\BNA F\DATA\BF071816\
Data File : BF089088.D
Acq On : 18 Jul 2016 18:10
Operator : UM/SJ
Sample : H3951-05 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SB-SB02(0-2ft)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.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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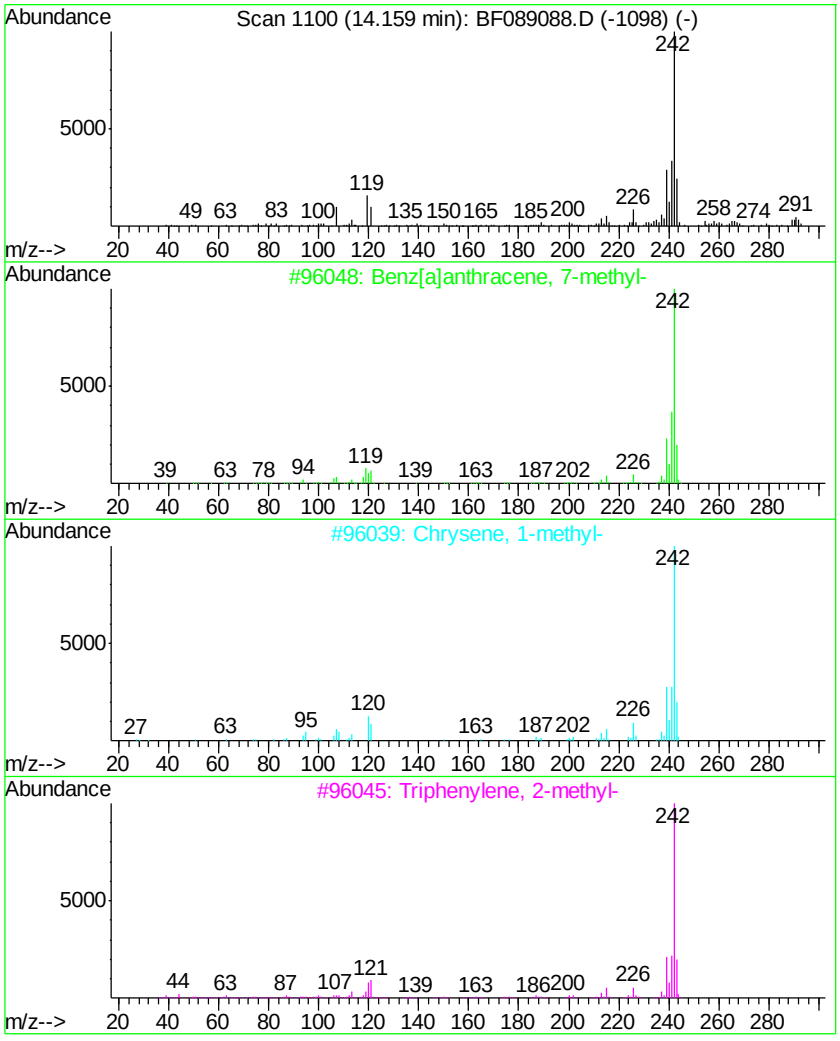
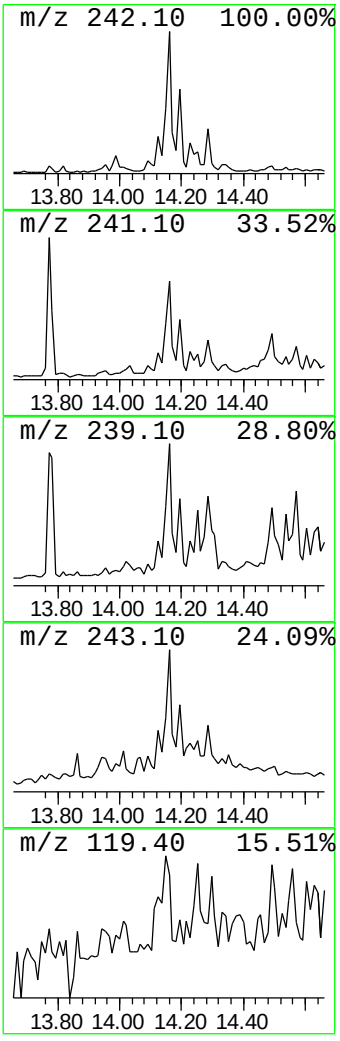
Peak Number 13 Benz[a]anthracene, 7-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.16	2.79 ng	107343	Chrysene-d12	13.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	96
2	Chrysene, 1-methyl-	242	C19H14	003351-28-8	93
3	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	92
4	2-Methylchrysene	242	C19H14	003351-32-4	89
5	Chrysene, 5-methyl-	242	C19H14	003697-24-3	86





Data Path : Z:\HPCHEM1\BNA F\DATA\BF071816\
Data File : BF089088.D
Acq On : 18 Jul 2016 18:10
Operator : UM/SJ
Sample : H3951-05 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SB-SB02(0-2ft)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.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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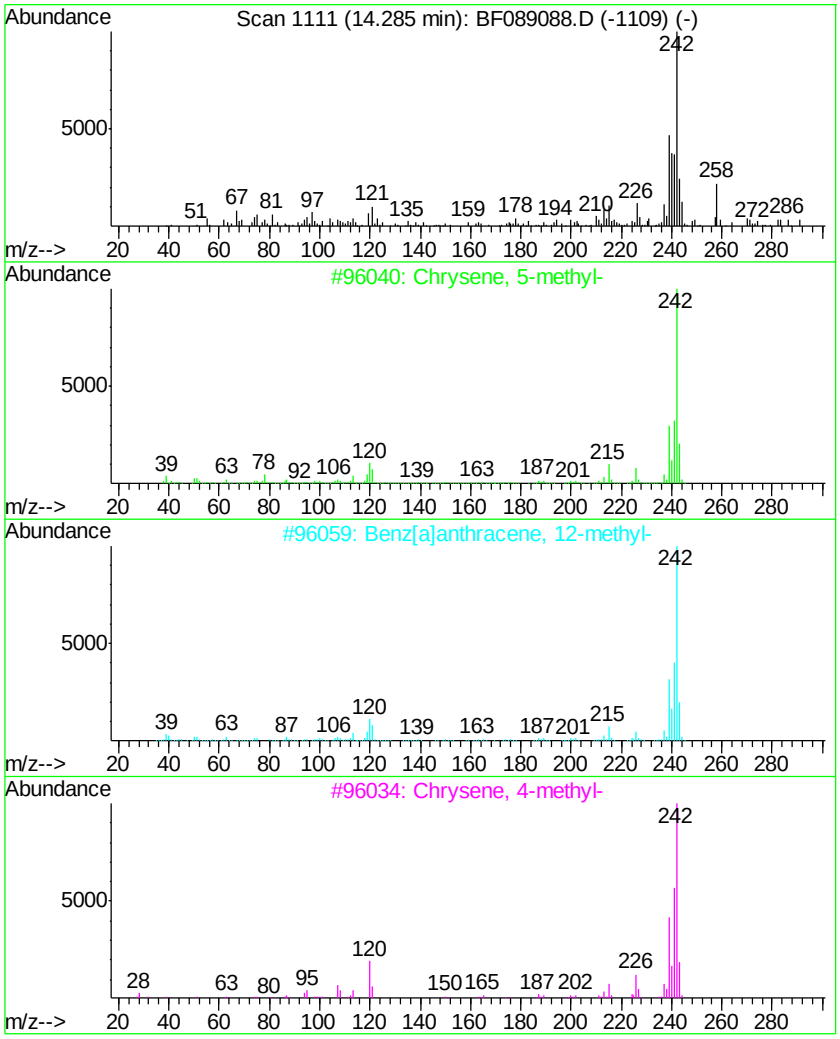
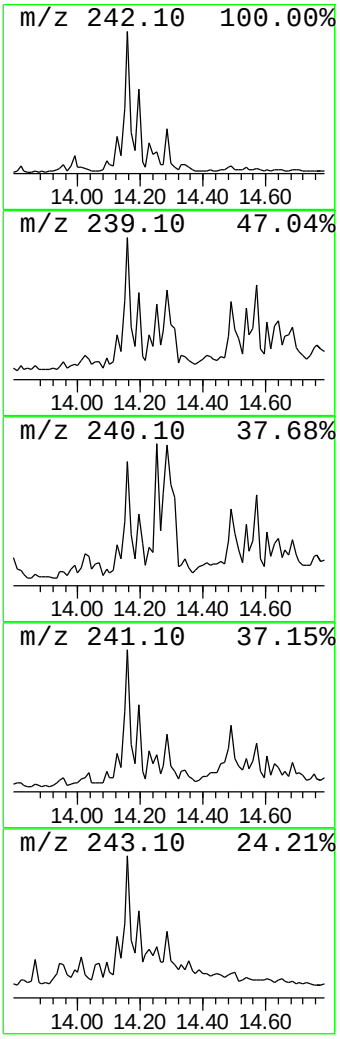
Peak Number 14 Chrysene, 5-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.29	2.51 ng	96755	Chrysene-d12	13.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysene, 5-methyl-	242	C19H14	003697-24-3	90
2	Benz[a]anthracene, 12-methyl-	242	C19H14	002422-79-9	87
3	Chrysene, 4-methyl-	242	C19H14	003351-30-2	60
4	Chrysene, 1-methyl-	242	C19H14	003351-28-8	60
5	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	60





Data Path : Z:\HPCHEM1\BNA F\DATA\BF071816\
Data File : BF089088.D
Acq On : 18 Jul 2016 18:10
Operator : UM/SJ
Sample : H3951-05 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SB-SB02(0-2ft)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.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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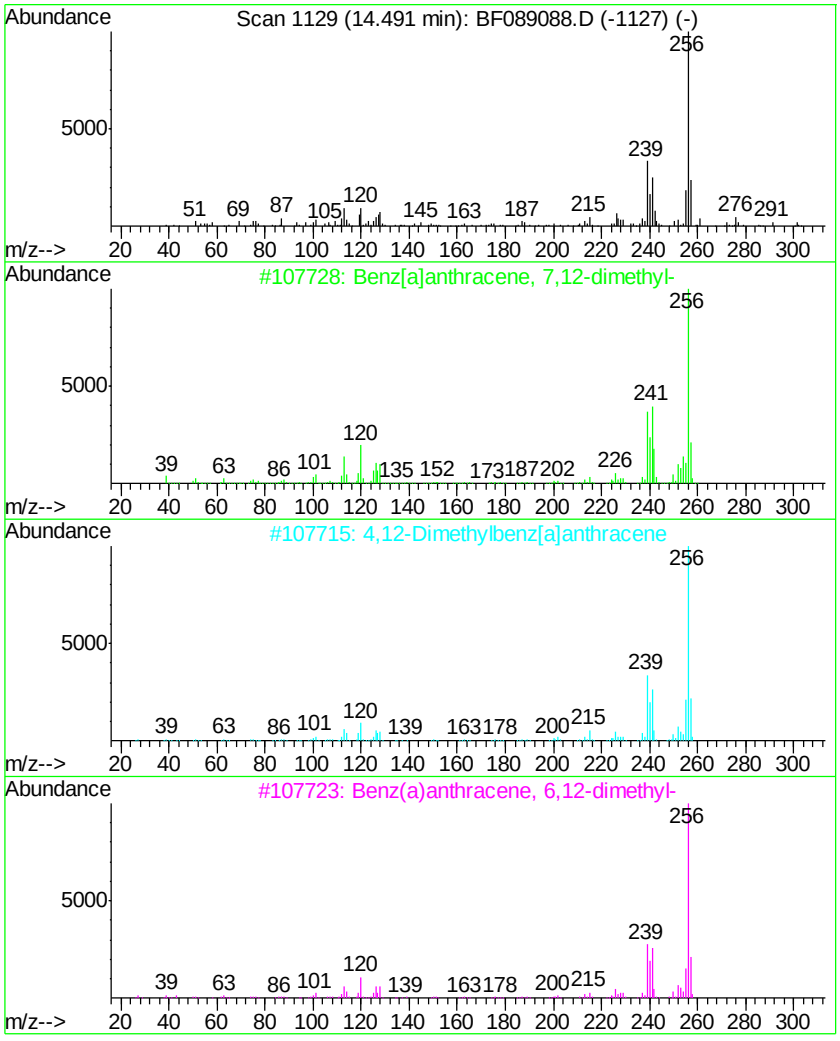
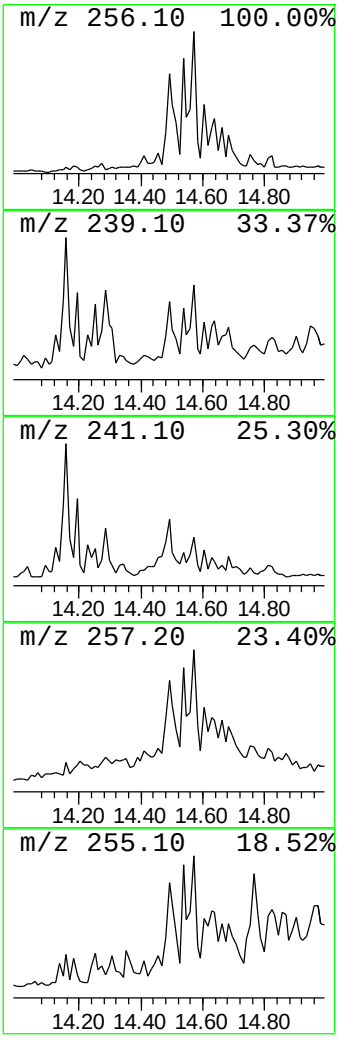
Peak Number 15 Benz[a]anthracene, 7,12-dim... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.49	2.75 ng	82913	Perylene-d12	15.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 7,12-dimethyl-	256	C20H16	000057-97-6	96
2	4,12-Dimethylbenz[a]anthracene	256	C20H16	035187-19-0	95
3	Benz(a)anthracene, 6,12-dimethyl-	256	C20H16	000568-81-0	95
4	5,12-Dimethylbenz[a]anthracene	256	C20H16	021297-22-3	94
5	Benz(a)anthracene, 8,12-dimethyl-	256	C20H16	020627-31-0	93





Data Path : Z:\HPCHEM1\BNA F\DATA\BF071816\
Data File : BF089088.D
Acq On : 18 Jul 2016 18:10
Operator : UM/SJ
Sample : H3951-05 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SB-SB02(0-2ft)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.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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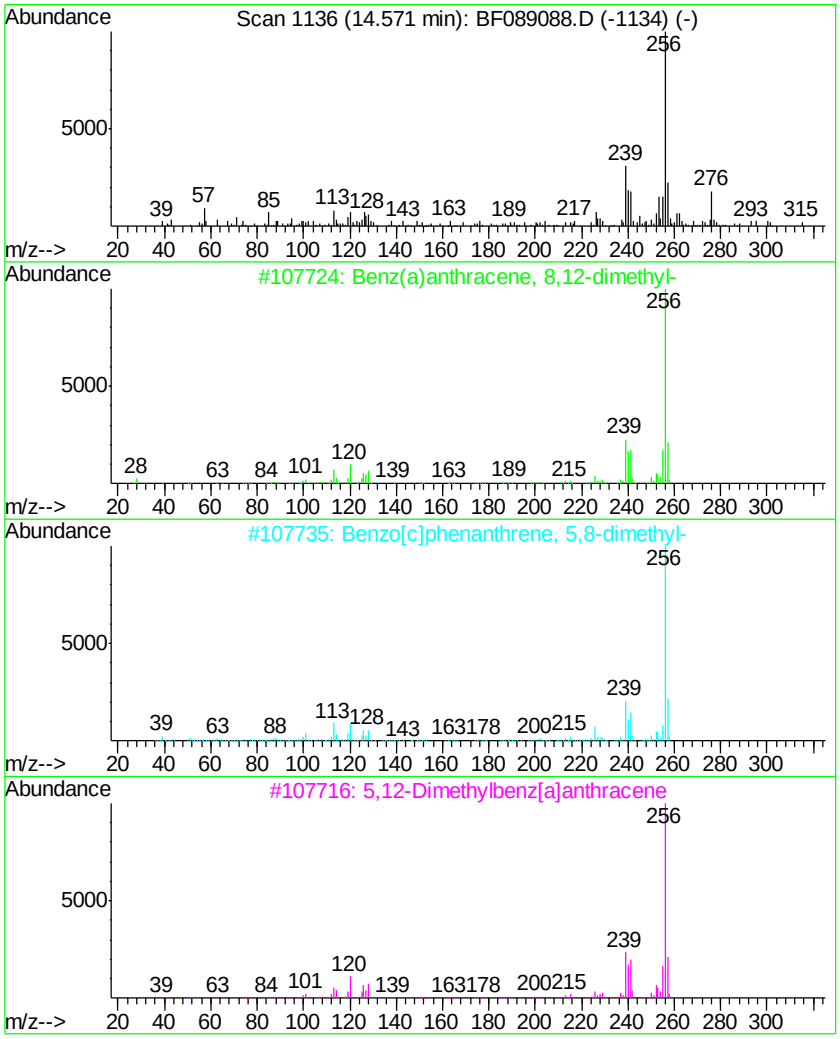
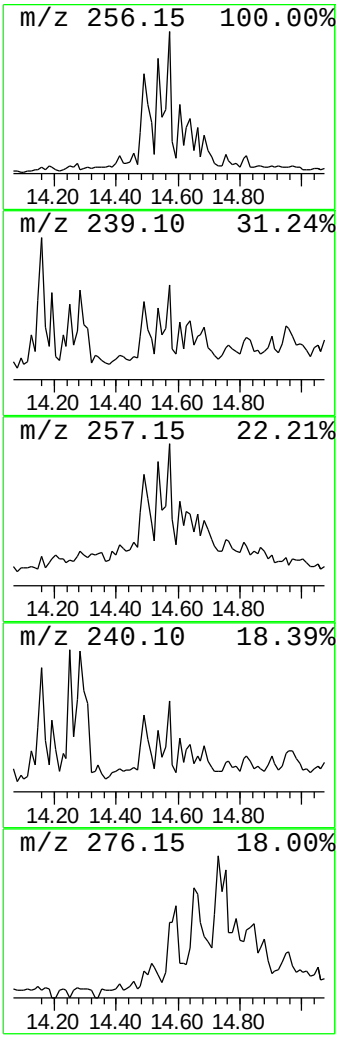
Peak Number 16 Benz(a)anthracene, 8,12-dim... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.57	2.99 ng	90409	Perylene-d12	15.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz(a)anthracene, 8,12-dimethyl-	256	C20H16	020627-31-0	97
2	Benzo[c]phenanthrene, 5,8-dimethyl-	256	C20H16	054986-63-9	96
3	5,12-Dimethylbenz[a]anthracene	256	C20H16	021297-22-3	93
4	Benz(a)anthracene, 6,12-dimethyl-	256	C20H16	000568-81-0	91
5	4,12-Dimethylbenz[a]anthracene	256	C20H16	035187-19-0	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF071816\
Data File : BF089088.D
Acq On : 18 Jul 2016 18:10
Operator : UM/SJ
Sample : H3951-05 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SB-SB02(0-2ft)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.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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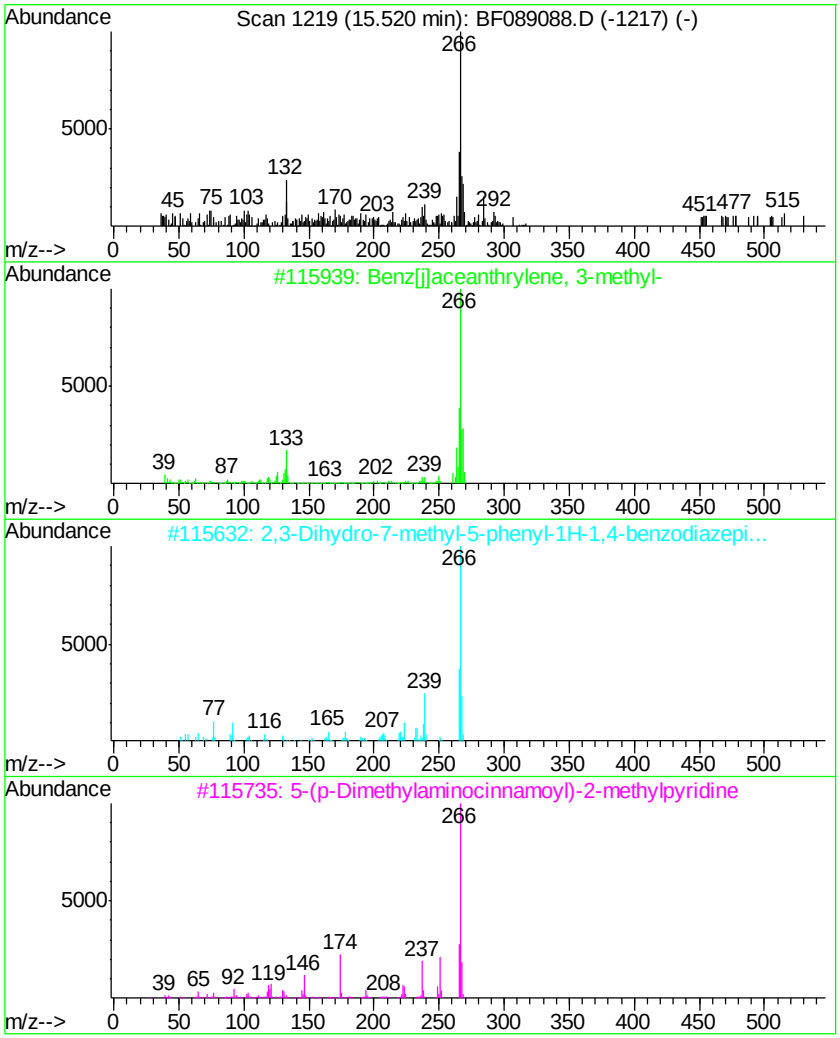
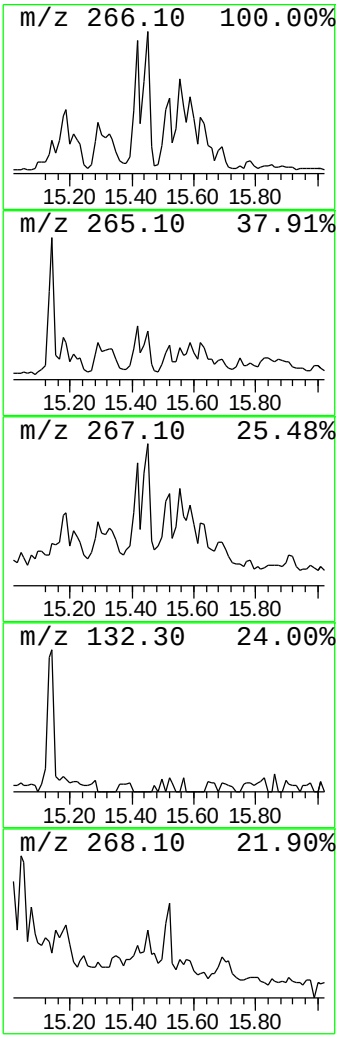
Peak Number 18 Benz[j]aceanthrylene, 3-met... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.52	2.83 ng	85601	Perylene-d12	15.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[j]aceanthrylene, 3-methyl-	266	C21H14	003343-10-0	70
2	2,3-Dihydro-7-methyl-5-phenyl-1H...	266	C16H14N2S	002888-60-0	60
3	5-(p-Dimethylaminocinnamoyl)-2-m...	266	C17H18N2O	004625-19-8	60
4	Perylene, 3-methyl-	266	C21H14	024471-47-4	53
5	10-Methylbenzo(a)pyrene	266	C21H14	063104-32-5	53





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071816\
Data File : BF089088.D
Acq On : 18 Jul 2016 18:10
Operator : UM/SJ
Sample : H3951-05 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SB-SB02(0-2ft)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.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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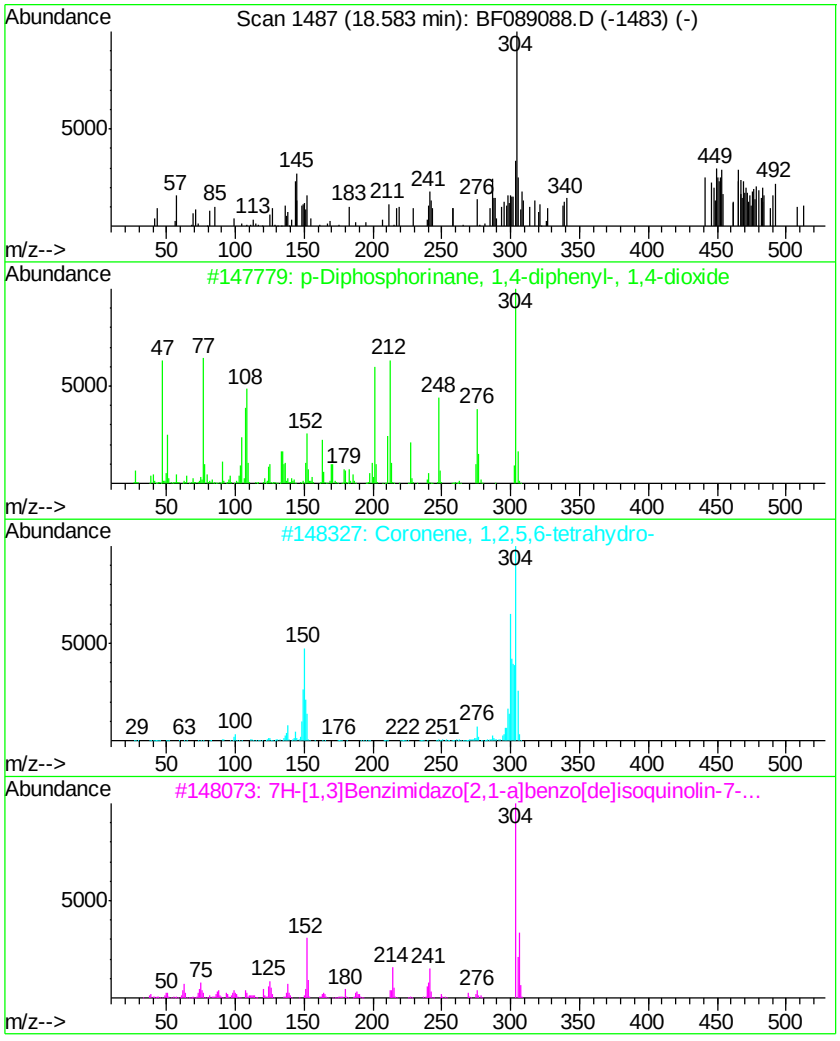
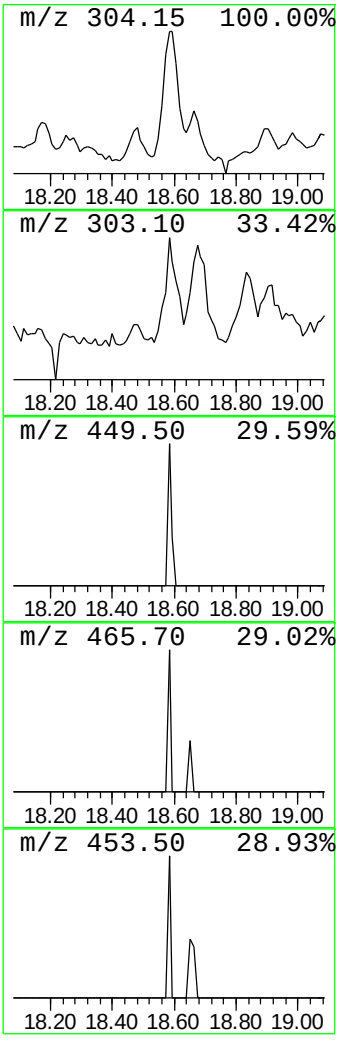
Peak Number 19 unknown18.58 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.58	3.40 ng	102596	Perylene-d12	15.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Diphosphorinane, 1,4-diphenyl-...	304	C16H18O2P2	109501-46-4	11
2	Coronene, 1,2,5,6-tetrahydro-	304	C24H16	125413-07-2	11
3	7H-[1,3]Benzimidazo[2,1-a]benzo[...	304	C18H9ClN2O	1000316-22-7	11
4	Benzenamine, 2,4,6-trinitro-N-ph...	304	C12H8N4O6	002919-12-2	11
5	Phosphine, tris(3-methylphenyl)-	304	C21H21P	006224-63-1	11





Data Path : Z:\HPCHEM1\BNA F\DATA\BF071816\
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Acq On : 18 Jul 2016 18:10
Operator : UM/SJ
Sample : H3951-05 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SB-SB02(0-2ft)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.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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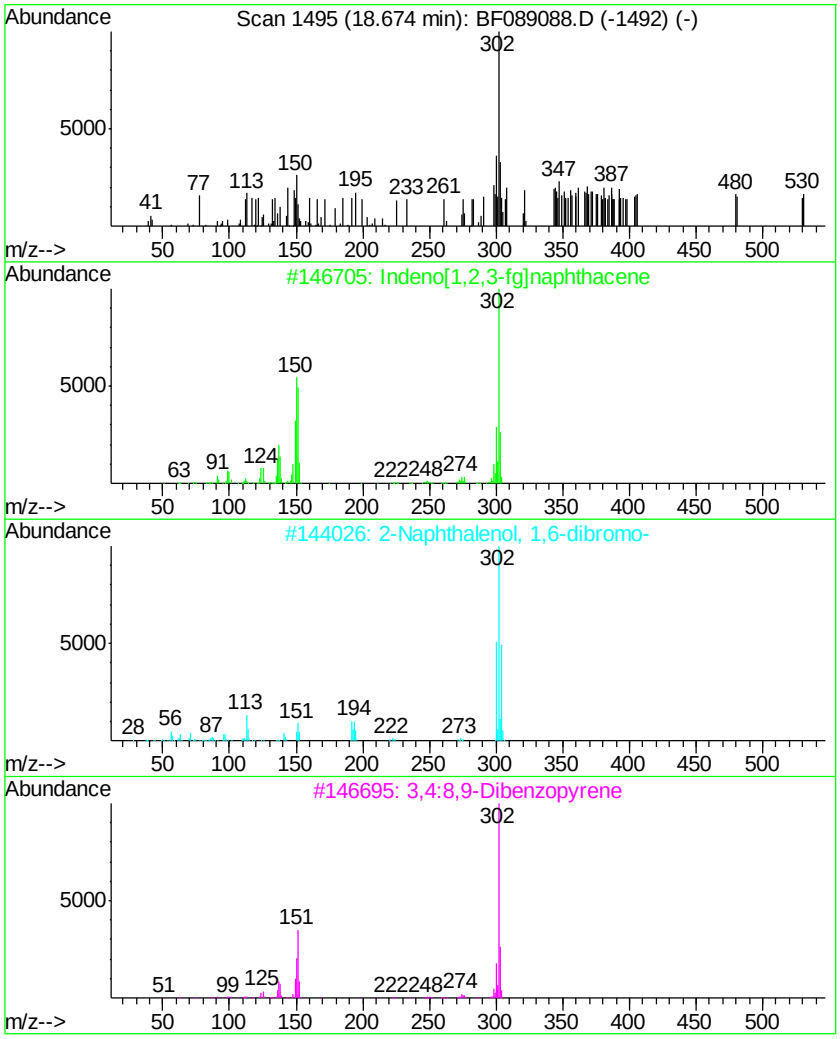
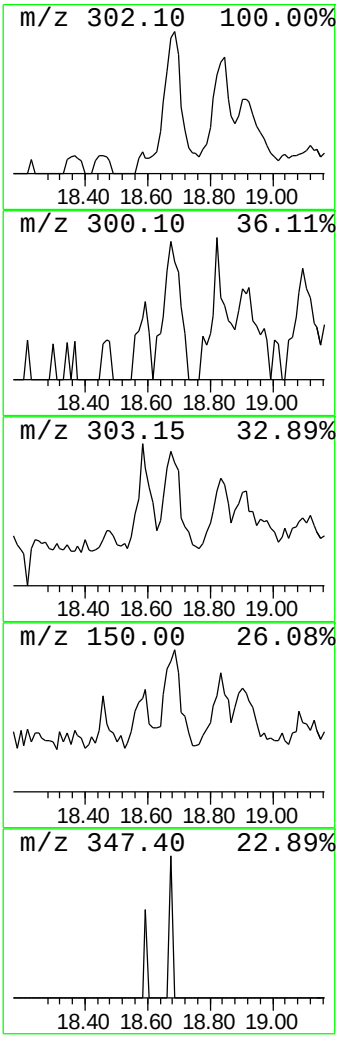
Peak Number 20 unknown18.67 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.67	3.65 ng	110077	Perylene-d12	15.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indeno[1,2,3-fg]naphthacene	302	C24H14	000203-11-2	38
2	2-Naphthalenol, 1,6-dibromo-	300	C10H6Br2O	016239-18-2	30
3	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	30
4	Benzo[4,5]thiazolo[2,3-c][1,2,4]...	302	C15H6N6S	1000303-95-5	27
5	Retinoyl fluoride (all-trans)	302	C20H27FO	083802-77-1	27





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071816\
Data File : BF089088.D
Acq On : 18 Jul 2016 18:10
Operator : UM/SJ
Sample : H3951-05 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SB-SB02(0-2ft)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.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...	4.76	9.7	ng	167929	1	6.64	346417	20.0
unknown6.41	6.41	60.3	ng	1044400	1	6.64	346417	20.0
Phenanthrene, 1-m...	11.68	2.7	ng	89082	4	11.15	650169	20.0
Benzaldehyde, 3,5...	11.76	5.5	ng	177154	4	11.15	650169	20.0
9,10-Dimethylanth...	12.19	3.0	ng	98092	4	11.15	650169	20.0
Pyrene, 1-methyl-	12.90	4.8	ng	185717	5	13.77	769926	20.0
Dibenzo[c,h][2,6]...	13.42	3.5	ng	136177	5	13.77	769926	20.0
Benzo[b]naphtho[2...	13.52	3.3	ng	126742	5	13.77	769926	20.0
Benz[a]anthracene...	14.16	2.8	ng	107343	5	13.77	769926	20.0
Chrysene, 5-methyl-	14.29	2.5	ng	96755	5	13.77	769926	20.0
Benz[a]anthracene...	14.49	2.8	ng	82913	6	15.14	603946	20.0
Benz(a)anthracene...	14.57	3.0	ng	90409	6	15.14	603946	20.0
Benz[j]aceanthryl...	15.52	2.8	ng	85601	6	15.14	603946	20.0
unknown18.58	18.58	3.4	ng	102596	6	15.14	603946	20.0
unknown18.67	18.67	3.6	ng	110077	6	15.14	603946	20.0