LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052716\
Data File : BF087465.D
Acq On : 28 May 2016 3:46
Operator : UM/SJ
Sample : H3290-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GM-SP-(0-4)

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-BF052316.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	28	rVB	1004231	1754289	53.61%	3.282%
2	4.707	270	273	290	rBV	457831	1181766	36.12%	2.211%
3	5.381	330	332	348	rBV	1550666	2902600	88.71%	5.431%
4	5.656	353	356	362	rVV	50313	114850	3.51%	0.215%
5	5.987	383	385	390	rBV	37115	80972	2.47%	0.151%
6	7.039	474	477	483	rVV	1874417	3055663	93.39%	5.717%
7	7.142	483	486	491	rVV	2052010	3272075	100.00%	6.122%
8	7.210	491	492	496	rVV	61779	118448	3.62%	0.222%
9	7.484	514	516	521	rBV	555736	776781	23.74%	1.453%
10	7.713	534	536	549	rVB	1513225	2404978	73.50%	4.500%
11	8.399	594	596	604	rBV	1504559	2012822	61.52%	3.766%
12	8.513	604	606	609	rVB	44844	69156	2.11%	0.129%
13	9.519	692	694	696	rBV	744927	957794	29.27%	1.792%
14	9.599	699	701	704	rVB2	66852	98886	3.02%	0.185%
15	10.308	760	763	766	rBV	53017	76373	2.33%	0.143%
16	10.582	780	787	793	rBV	70257	112228	3.43%	0.210%
17	10.685	794	796	804	rVB	178272	276463	8.45%	0.517%
18	10.833	807	809	812	rBV	102531	158678	4.85%	0.297%
19	11.291	846	849	852	rBV	2412991	3111498	95.09%	5.822%
20	11.508	866	868	870	rVV	72566	100752	3.08%	0.189%
21	11.611	873	877	884	rVB2	27007	78031	2.38%	0.146%
22	11.713	884	886	890	rBV	49109	130569	3.99%	0.244%
23	11.816	893	895	898	rBV	88723	149574	4.57%	0.280%
24	11.862	898	899	903	rVB	68063	96397	2.95%	0.180%
25	11.988	908	910	915	rVV	264811	505675	15.45%	0.946%
26	12.113	919	921	926	rBV	232976	439043	13.42%	0.821%
27	12.342	939	941	945	rBV2	776680	1184283	36.19%	2.216%
28	12.696	970	972	978	rBV2	77297	190961	5.84%	0.357%
29	12.788	978	980	982	rVB	45785	63241	1.93%	0.118%
30	12.891	987	989	992	rVB	62223	92363	2.82%	0.173%
31	12.948	992	994	996	rBV	50333	65174	1.99%	0.122%
32	13.039	999	1002	1004	rBV2	42412	80684	2.47%	0.151%
33	13.176	1012	1014	1016	rBV	149459	189340	5.79%	0.354%
34	13.245	1016	1020	1024	rVB2	93047	180909	5.53%	0.338%

LSC Area Percent Report

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Acq On : 28 May 2016 3:46
Operator : UM/SJ
Sample : H3290-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GM-SP-(0-4)

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-BF052316.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.519	1041	1044	1051	rBV4	95223	247317	7.56%	0.463%
36	13.634	1051	1054	1060	rVV	1286571	1921940	58.74%	3.596%
37	13.725	1060	1062	1069	rVV2	46488	103456	3.16%	0.194%
38	13.862	1072	1074	1079	rVV3	36635	87160	2.66%	0.163%
39	13.965	1079	1083	1087	rVV	204830	497559	15.21%	0.931%
40	14.159	1097	1100	1105	rVB4	30658	96435	2.95%	0.180%
41	14.274	1106	1110	1112	rBV4	25056	64384	1.97%	0.120%
42	14.365	1116	1118	1120	rBV2	60009	108677	3.32%	0.203%
43	14.491	1126	1129	1132	rVB2	44964	83729	2.56%	0.157%
44	14.685	1143	1146	1148	rBV	116533	153634	4.70%	0.287%
45	14.742	1148	1151	1153	rVV	726515	886810	27.10%	1.659%
46	14.788	1153	1155	1160	rVB	471967	788595	24.10%	1.475%
47	14.879	1160	1163	1168	rBV	225683	419867	12.83%	0.786%
48	14.971	1168	1171	1174	rBV2	54223	101921	3.11%	0.191%
49	15.177	1187	1189	1196	rVB4	68625	206778	6.32%	0.387%
50	15.359	1202	1205	1208	rBV2	116486	167303	5.11%	0.313%
51	15.439	1208	1212	1217	rVB6	27450	98872	3.02%	0.185%
52	15.542	1219	1221	1223	rBV	113496	141105	4.31%	0.264%
53	15.588	1223	1225	1230	rVB	178926	211107	6.45%	0.395%
54	15.668	1230	1232	1233	rBV	61319	85226	2.60%	0.159%
55	15.691	1233	1234	1236	rVV2	148090	210083	6.42%	0.393%
56	15.737	1236	1238	1241	rVB	150107	210463	6.43%	0.394%
57	15.908	1251	1253	1256	rBV4	29618	65654	2.01%	0.123%
58	15.965	1256	1258	1259	rVV	72763	105266	3.22%	0.197%
59	15.988	1259	1260	1264	rVV	79444	139281	4.26%	0.261%
60	16.057	1264	1266	1270	rVB2	91213	146050	4.46%	0.273%
61	16.205	1277	1279	1281	rBV	43761	61364	1.88%	0.115%
62	16.251	1281	1283	1285	rBV	74467	93495	2.86%	0.175%
63	16.354	1290	1292	1294	rBV	148134	229440	7.01%	0.429%
64	16.400	1294	1296	1297	rVV	57672	91165	2.79%	0.171%
65	16.468	1300	1302	1304	rBV2	168327	247233	7.56%	0.463%
66	16.548	1307	1309	1312	rVV	1747699	1984109	60.64%	3.712%
67	16.651	1316	1318	1320	rBV3	59789	92841	2.84%	0.174%
68	16.685	1320	1321	1324	rVB	111025	174534	5.33%	0.327%
69	16.754	1324	1327	1328	rBV2	51353	74864	2.29%	0.140%
70	16.857	1333	1336	1339	rVB	1416164	2027024	61.95%	3.793%
71	17.051	1351	1353	1355	rVV	116433	122797	3.75%	0.230%

LSC Area Percent Report

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Acq On : 28 May 2016 3:46
Operator : UM/SJ
Sample : H3290-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GM-SP-(0-4)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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Start Thrs: 0.2 Max Peaks: 100
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Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	17.097	1355	1357	1361	rVB	1939134	2170702	66.34%	4.061%
73	17.177	1361	1364	1371	rBV5	102655	344491	10.53%	0.645%
74	17.291	1371	1374	1376	rBV	150466	282830	8.64%	0.529%
75	17.325	1376	1377	1380	rVB	156861	157107	4.80%	0.294%
76	17.417	1382	1385	1387	rVB2	84356	148686	4.54%	0.278%
77	17.463	1387	1389	1395	rBV3	208710	463176	14.16%	0.867%
78	17.577	1397	1399	1401	rVB	75079	106873	3.27%	0.200%
79	17.611	1401	1402	1404	rBV	47261	75897	2.32%	0.142%
80	17.760	1413	1415	1418	rVB2	175216	199364	6.09%	0.373%
81	18.011	1435	1437	1441	rVB	183979	254580	7.78%	0.476%
82	18.125	1445	1447	1448	rBV2	124646	162103	4.95%	0.303%
83	18.160	1448	1450	1451	rVV	169470	179172	5.48%	0.335%
84	18.194	1451	1453	1455	rVV	108741	126986	3.88%	0.238%
85	18.297	1460	1462	1465	rBV2	166501	296629	9.07%	0.555%
86	18.354	1465	1467	1469	rBV	65938	84029	2.57%	0.157%
87	18.445	1472	1475	1477	rBV2	1070010	2005892	61.30%	3.753%
88	18.480	1477	1478	1484	rVB2	661173	1016333	31.06%	1.902%
89	18.583	1485	1487	1491	rVB3	88002	129017	3.94%	0.241%
90	18.674	1493	1495	1497	rBV2	100224	157229	4.81%	0.294%
91	18.960	1518	1520	1522	rVB	139981	169810	5.19%	0.318%
92	19.108	1531	1533	1535	rBV2	106865	143647	4.39%	0.269%
93	19.577	1572	1574	1577	rBV3	146201	267370	8.17%	0.500%
94	19.726	1585	1587	1593	rBV	943336	2180695	66.65%	4.080%
95	19.840	1595	1597	1602	rBV3	229021	473536	14.47%	0.886%
96	20.011	1610	1612	1615	rBV	529683	779689	23.83%	1.459%
97	20.069	1615	1617	1621	rVV	456566	914124	27.94%	1.710%
98	20.126	1621	1622	1624	rVV	287442	362624	11.08%	0.678%
99	21.360	1728	1730	1736	rVB	327794	700630	21.41%	1.311%
100	21.714	1759	1761	1768	rVB	206483	462873	14.15%	0.866%

Sum of corrected areas: 53446948

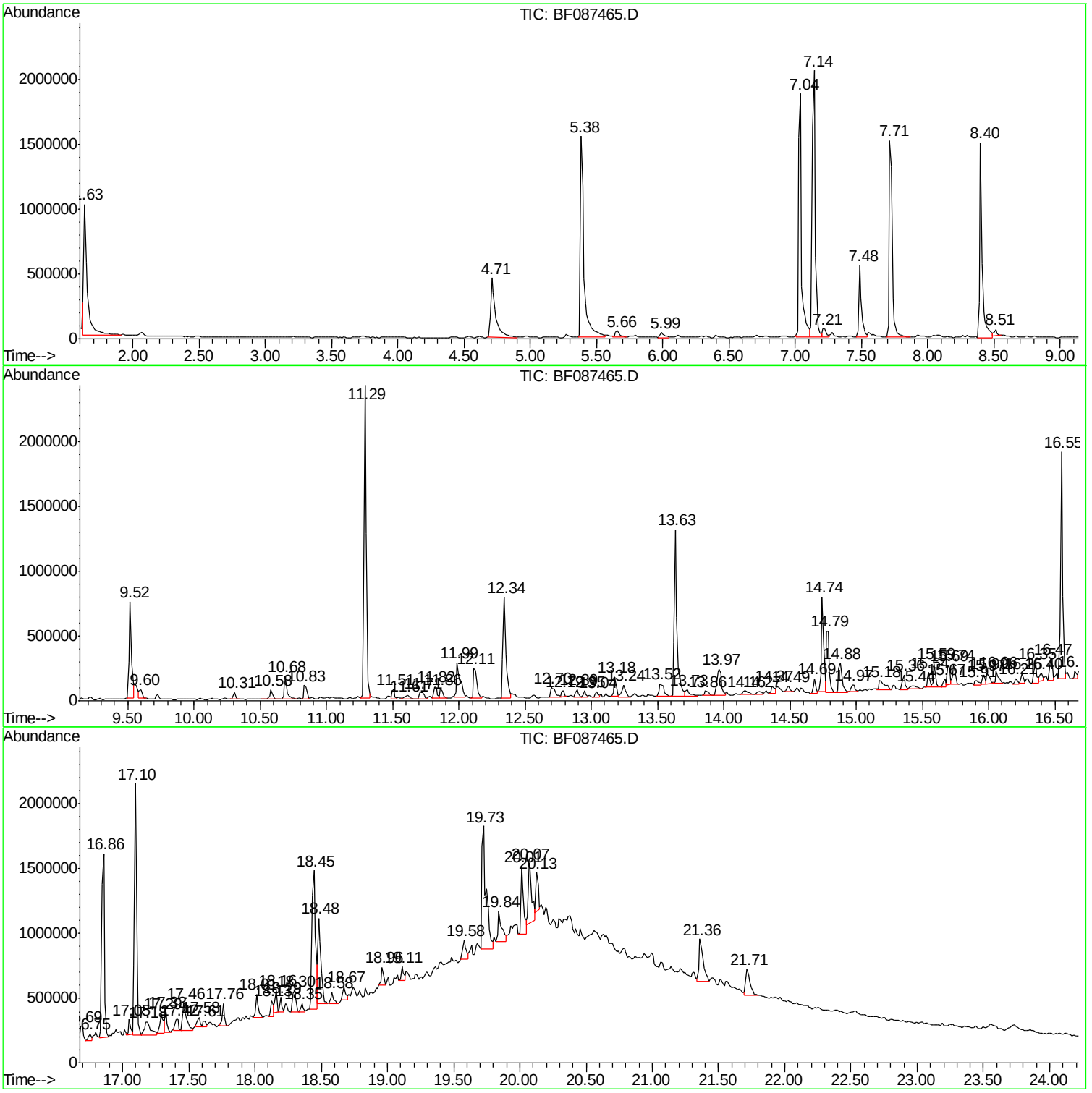
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052716\
Data File : BF087465.D
Acq On : 28 May 2016 3:46
Operator : UM/SJ
Sample : H3290-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GM-SP-(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.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\BF052716\
Data File : BF087465.D
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Sample : H3290-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GM-SP-(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

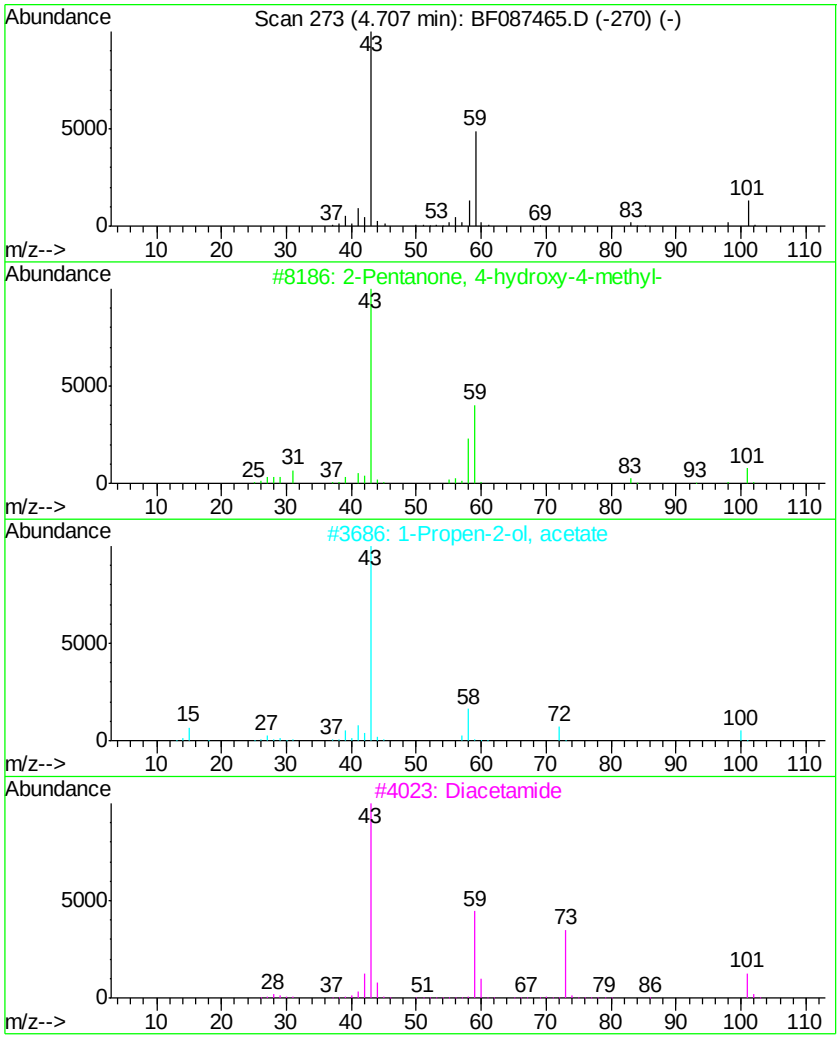
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

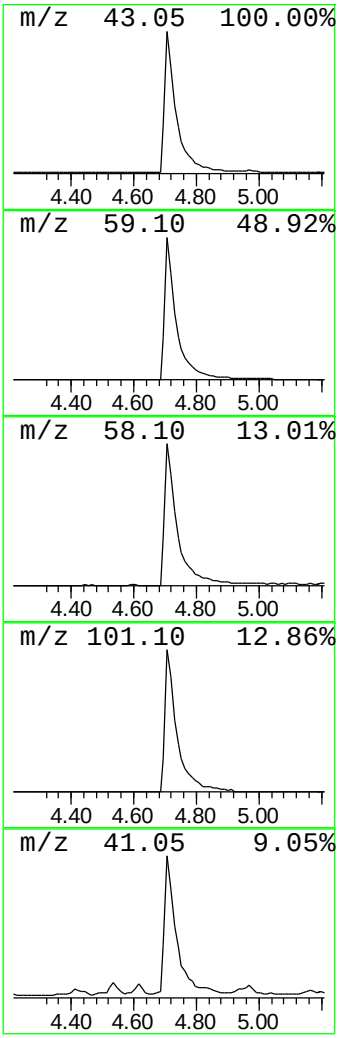
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.71	30.43 ng	1181770	1,4-Dichlorobenzene-d4	7.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
3	Diacetamide	101	C4H7NO2	000625-77-4	9
4	Butane	58	C4H10	000106-97-8	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052716\
Data File : BF087465.D
Acq On : 28 May 2016 3:46
Operator : UM/SJ
Sample : H3290-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GM-SP-(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

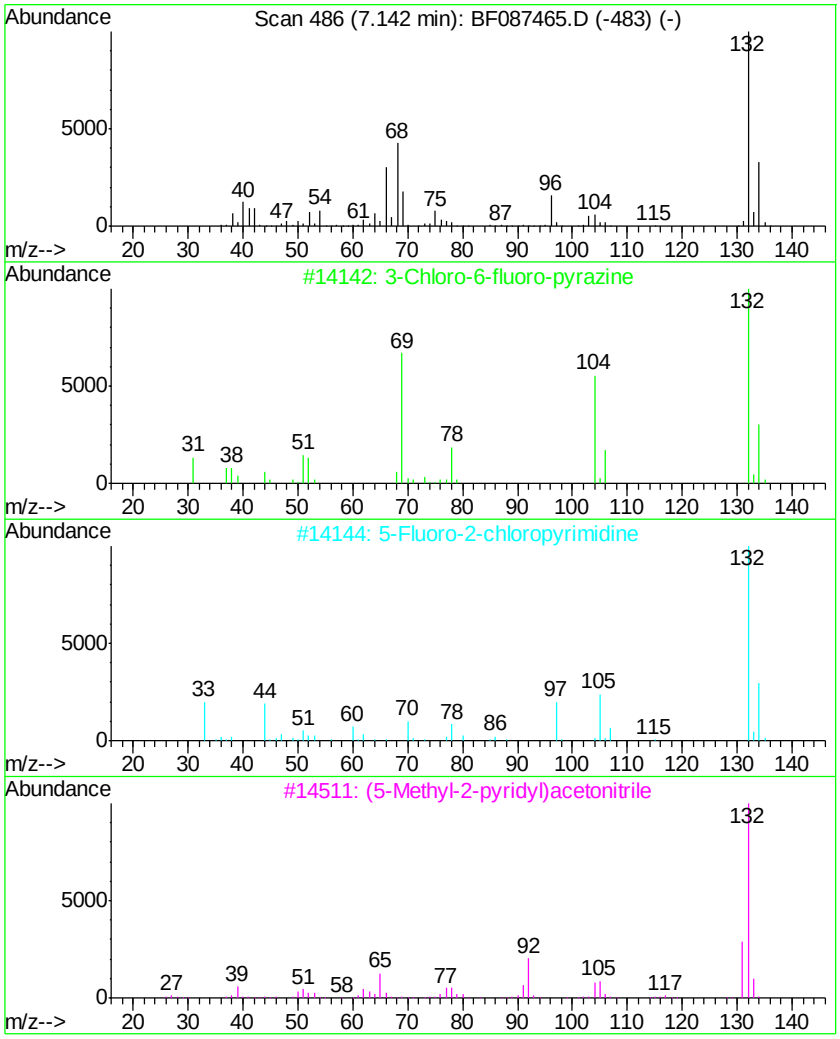
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

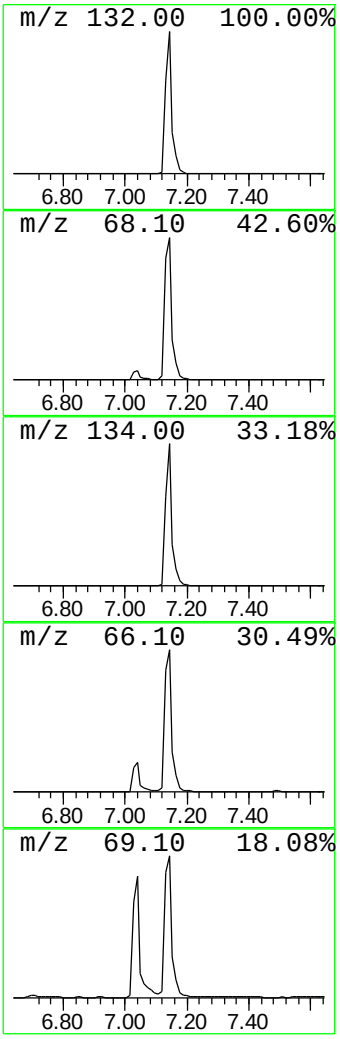
****

Peak Number 3 unknown7.14 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.14	84.25 ng	3272080	1,4-Dichlorobenzene-d4	7.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052716\
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Instrument : BNA_F
ClientSampleId : GM-SP-(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

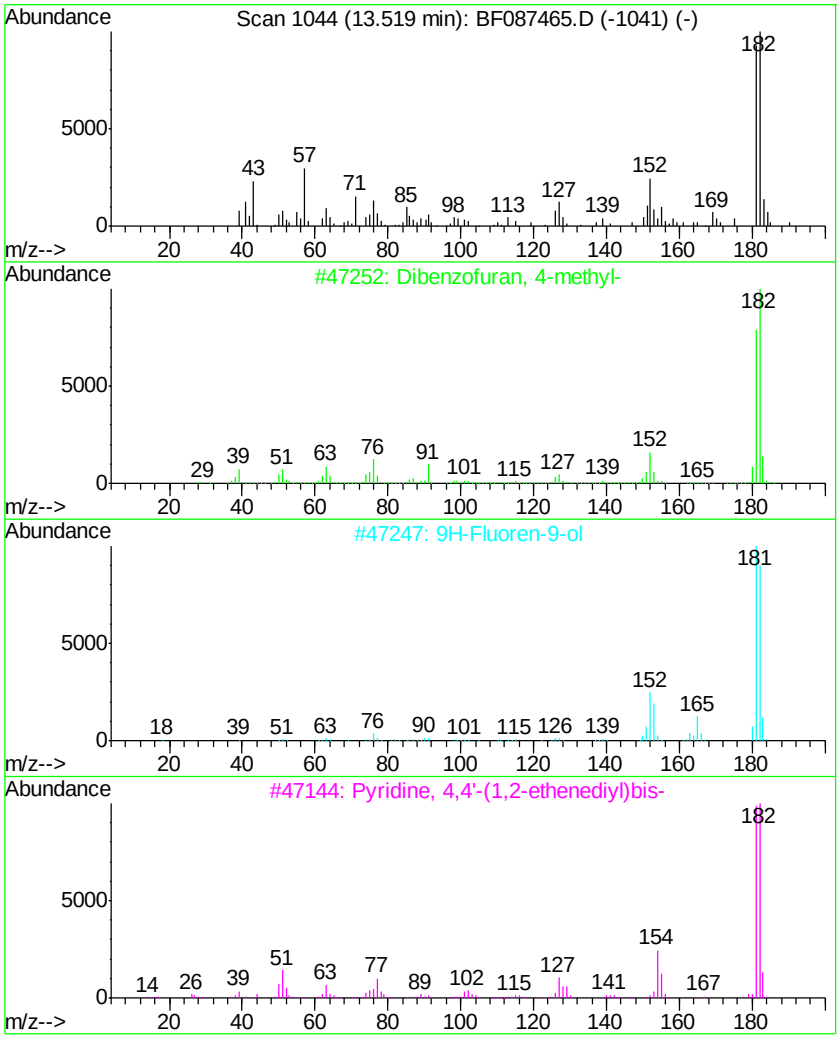
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

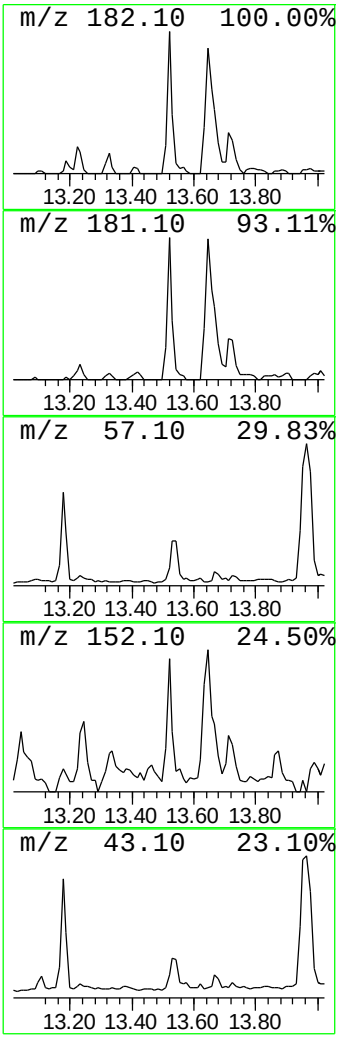
****

Peak Number 6 Dibenzofuran, 4-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.52	4.18 ng	247317	Acenaphthene-d10	12.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	90
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	80
3	Pyridine, 4,4'-(1,2-ethenediyl)bis-	182	C12H10N2	001135-32-6	74
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	72
5	Pyrido[2,3-b]indole, 6-methyl-	182	C12H10N2	108349-67-3	72





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052716\
Data File : BF087465.D
Acq On : 28 May 2016 3:46
Operator : UM/SJ
Sample : H3290-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GM-SP-(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

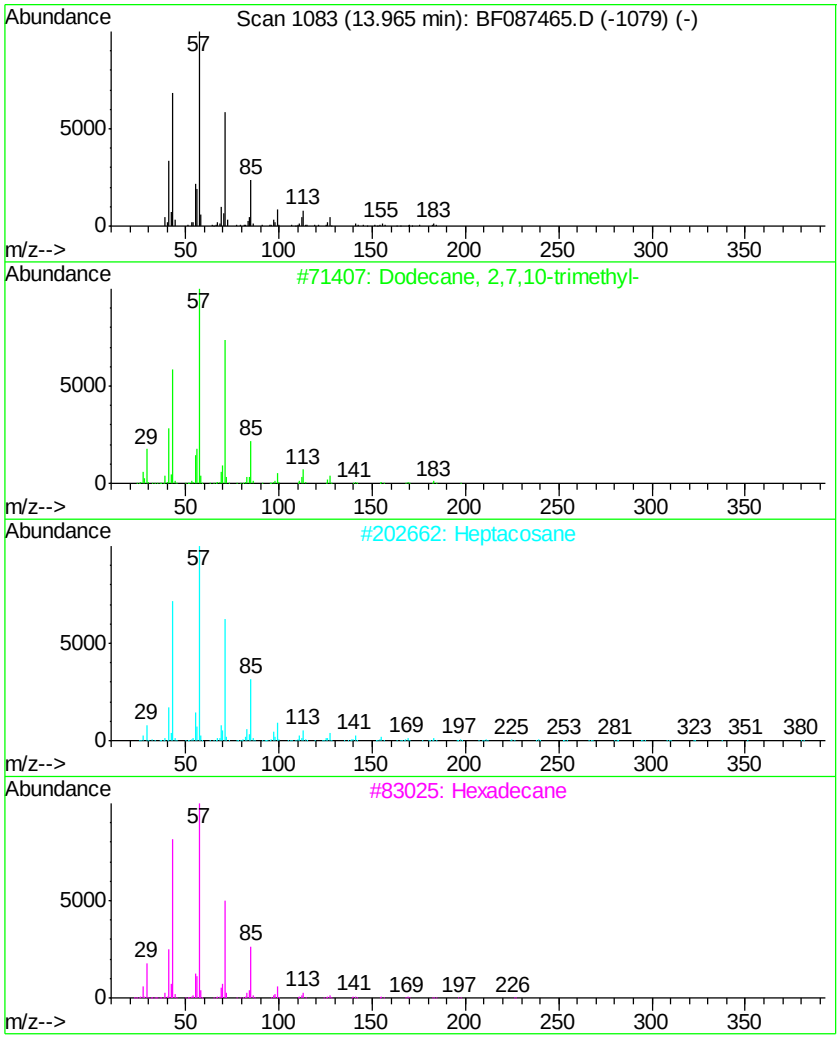
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

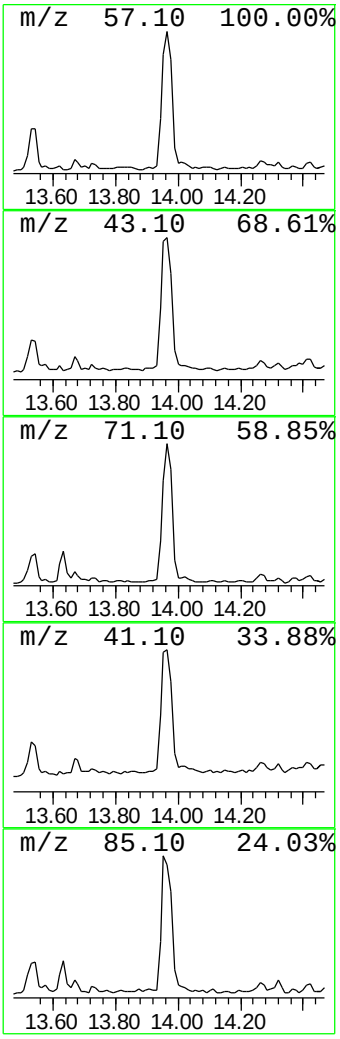
****

Peak Number 7 Dodecane, 2,7,10-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	11.22 ng	497559	Phenanthrene-d10	14.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	91
2	Heptacosane	380	C27H56	000593-49-7	86
3	Hexadecane	226	C16H34	000544-76-3	86
4	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	86
5	Tridecane, 6-methyl-	198	C14H30	013287-21-3	72





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052716\
Data File : BF087465.D
Acq On : 28 May 2016 3:46
Operator : UM/SJ
Sample : H3290-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GM-SP-(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

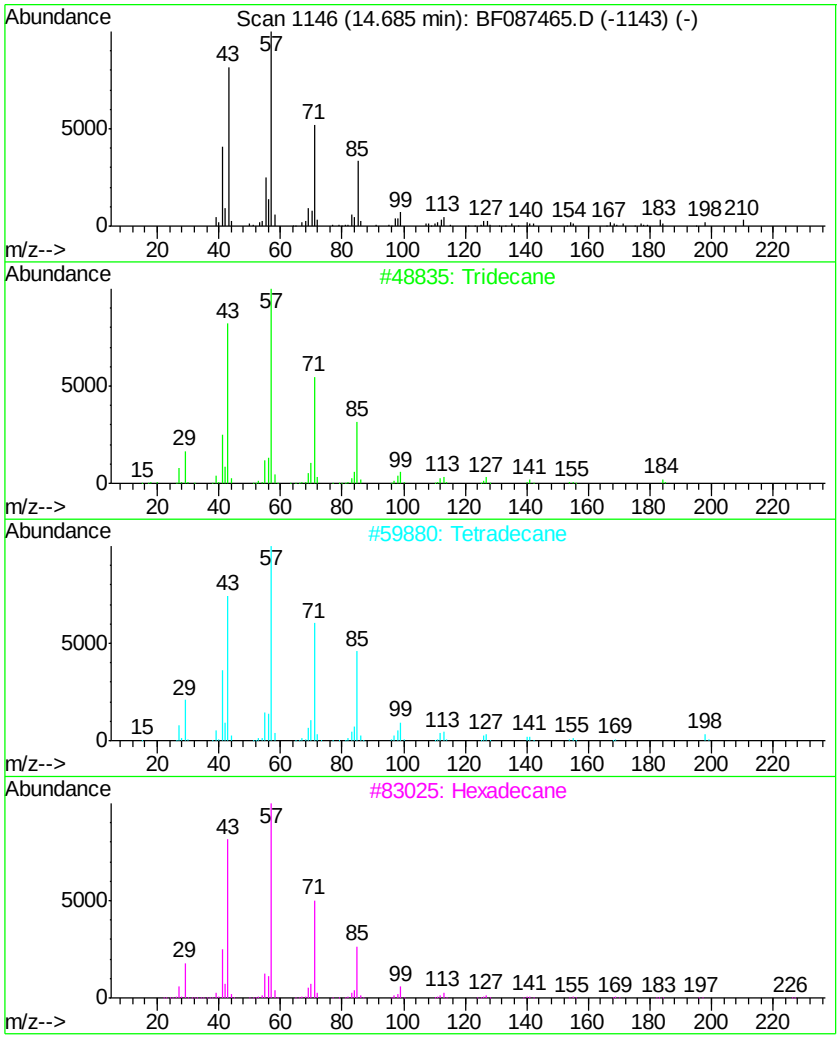
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

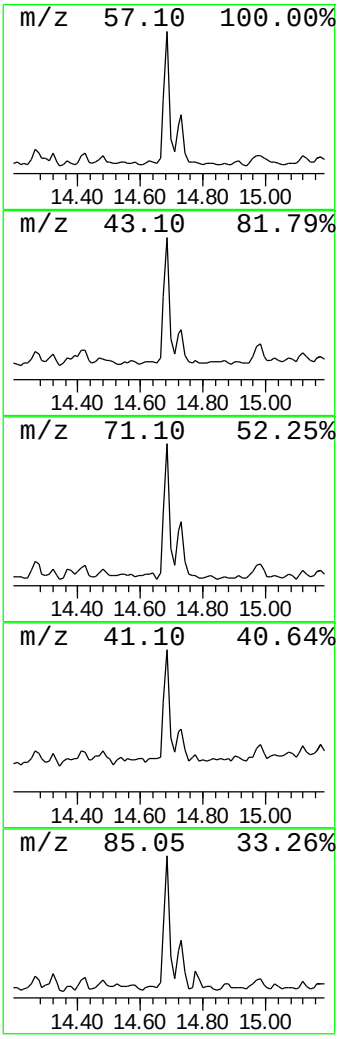
****

Peak Number 8 Tridecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	3.46 ng	153634	Phenanthrene-d10	14.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	95
2	Tetradecane	198	C14H30	000629-59-4	95
3	Hexadecane	226	C16H34	000544-76-3	87
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	86
5	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	86





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Acq On : 28 May 2016 3:46
Operator : UM/SJ
Sample : H3290-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GM-SP-(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.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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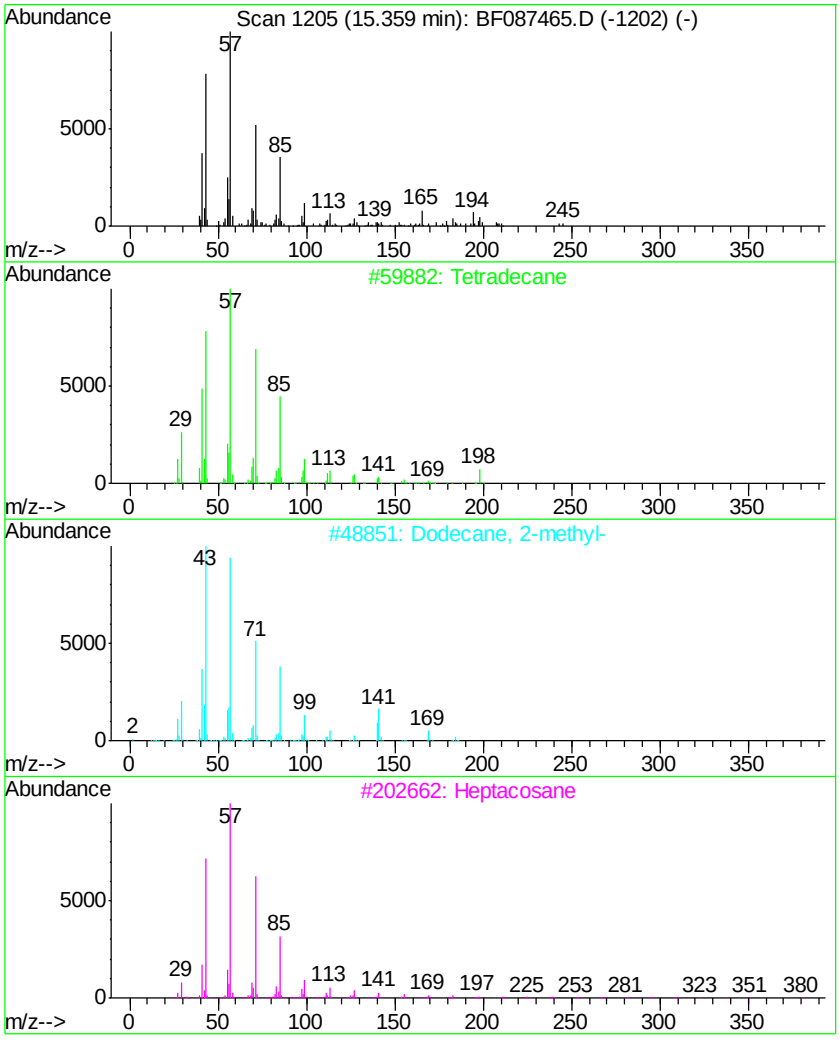
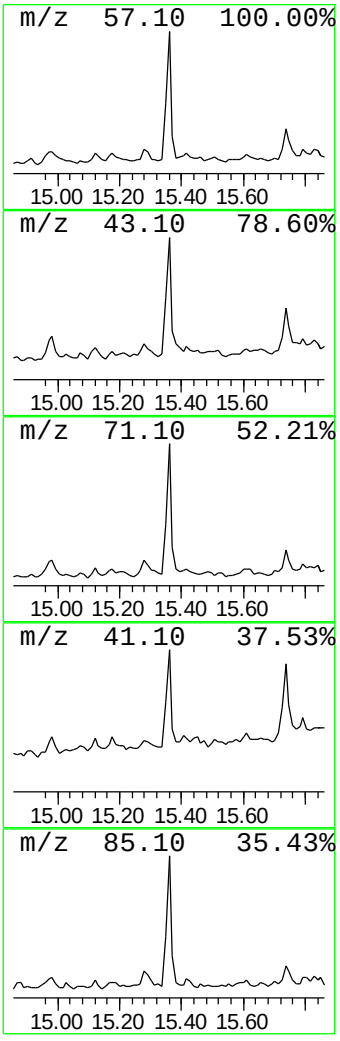
Peak Number 9 Tetradecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.36	3.77 ng	167303	Phenanthrene-d10	14.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	87
2	Dodecane, 2-methyl-	184	C13H28	001560-97-0	83
3	Heptacosane	380	C27H56	000593-49-7	74
4	Tridecane	184	C13H28	000629-50-5	74
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	72





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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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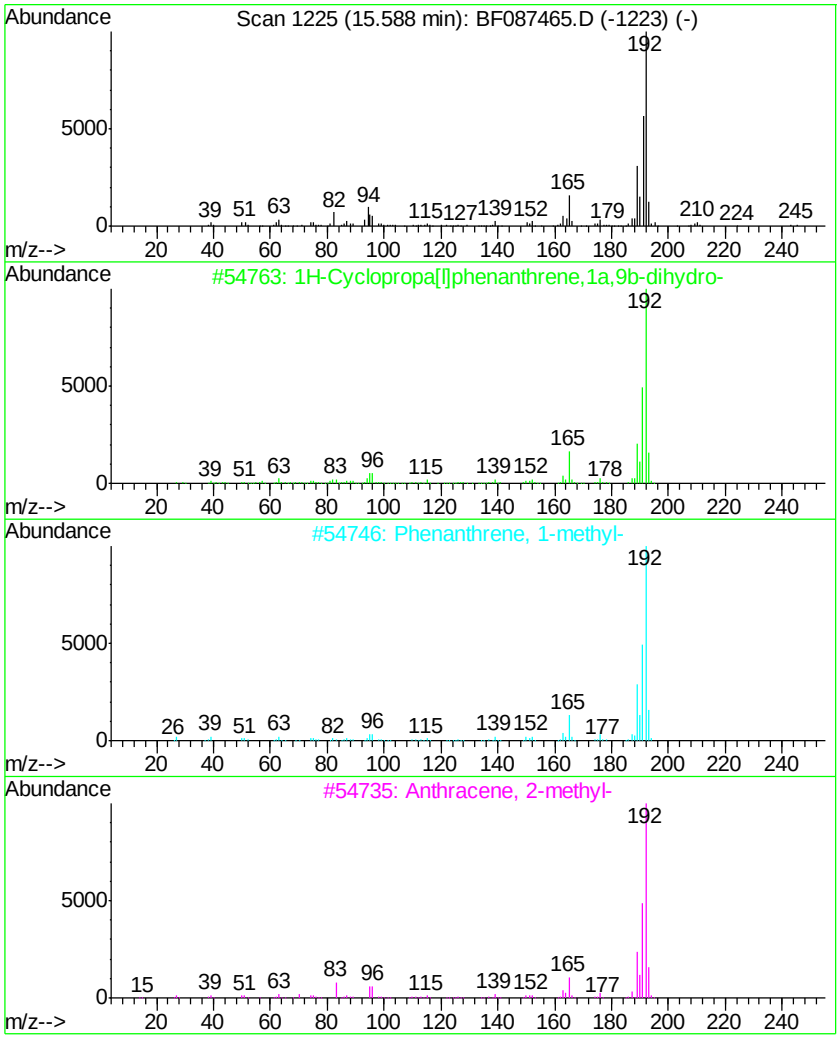
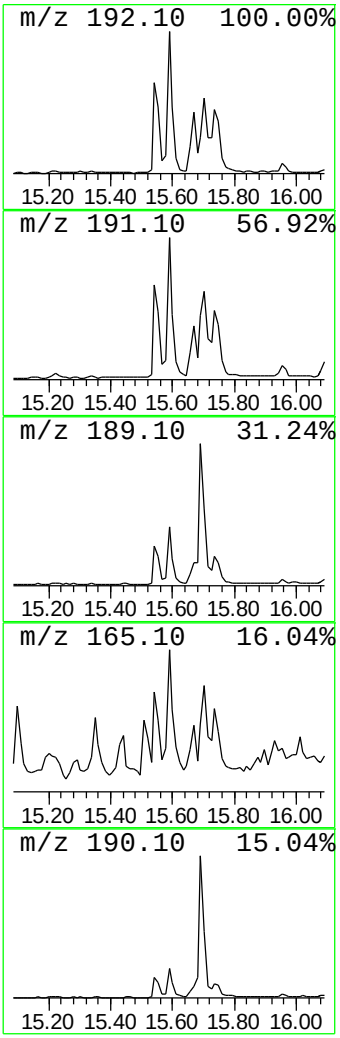
Peak Number 10 1H-Cyclopropa[l]phenanthren... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.59	4.76 ng	211107	Phenanthrene-d10	14.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95





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Instrument : BNA_F
ClientSampleId : GM-SP-(0-4)

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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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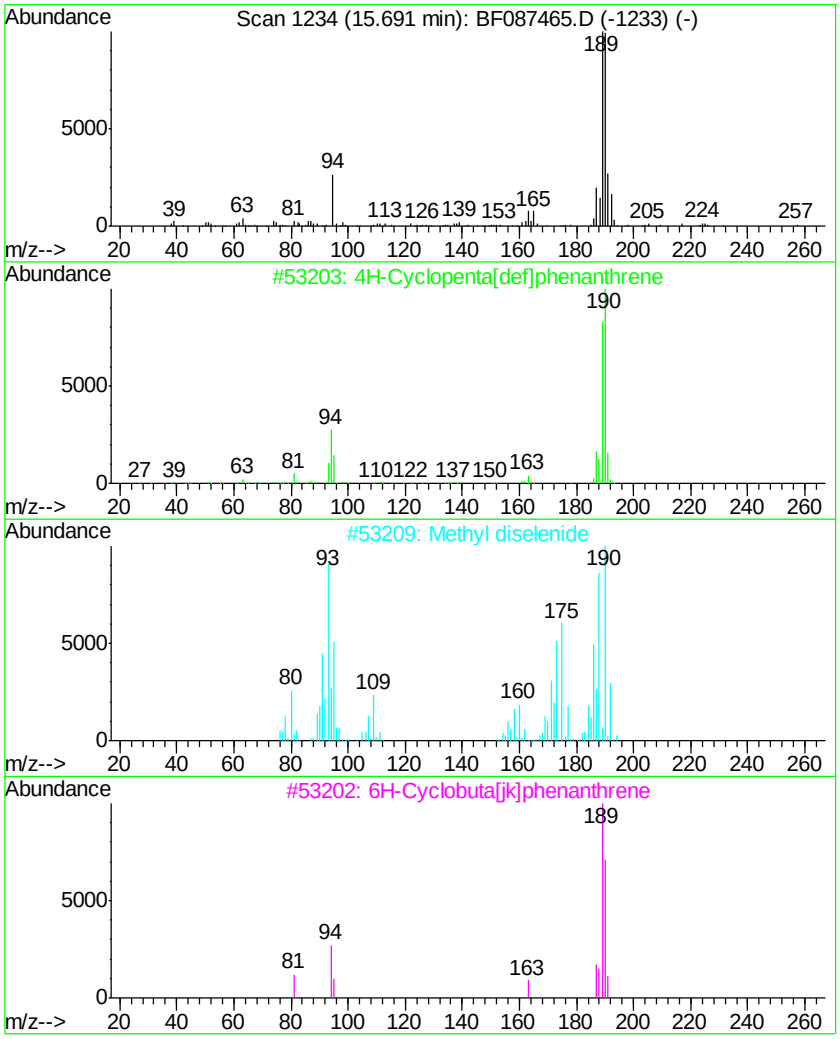
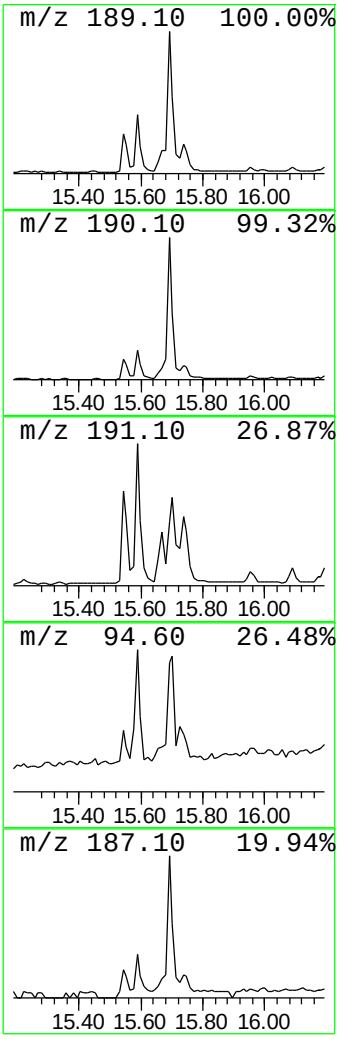
Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.69	4.74 ng	210083	Phenanthrene-d10	14.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	Methyl diselenide	190	C2H6Se2	007101-31-7	55
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
5	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	40





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Misc :
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Instrument : BNA_F
ClientSampleId : GM-SP-(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.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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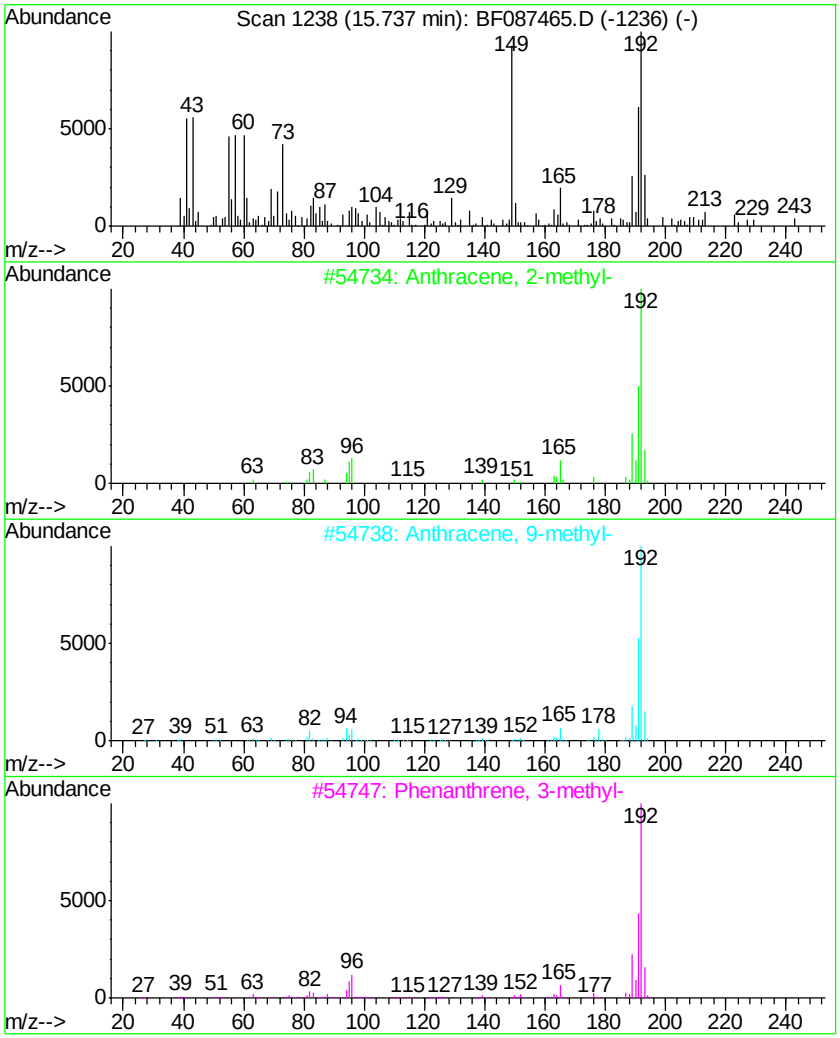
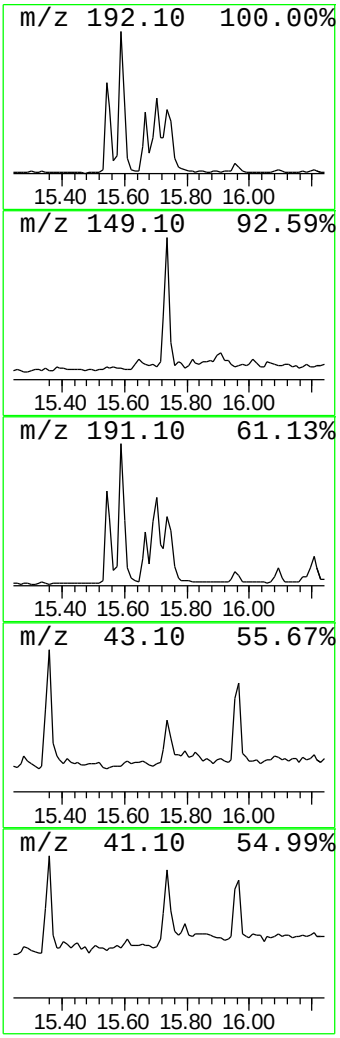
Peak Number 12 Anthracene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.74	4.75 ng	210463	Phenanthrene-d10	14.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	49
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	46
3	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	41
4	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	41
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	41





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Misc :
ALS Vial : 21 Sample Multiplier: 1

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ClientSampleId : GM-SP-(0-4)

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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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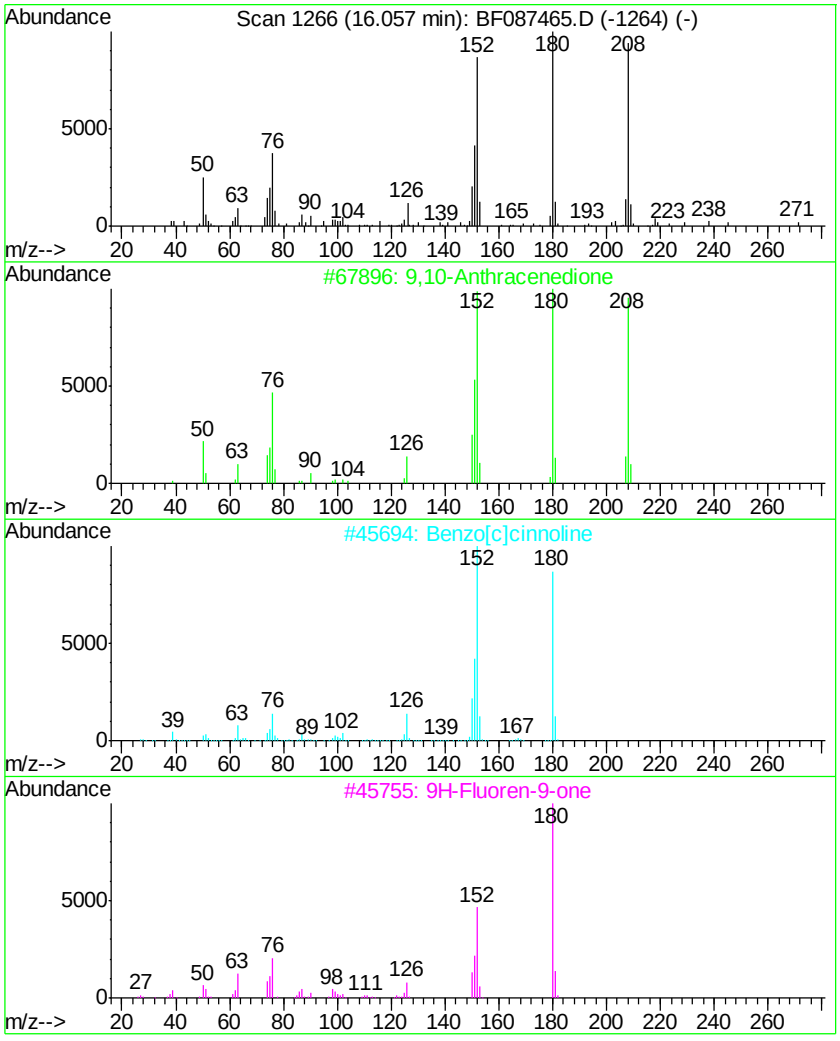
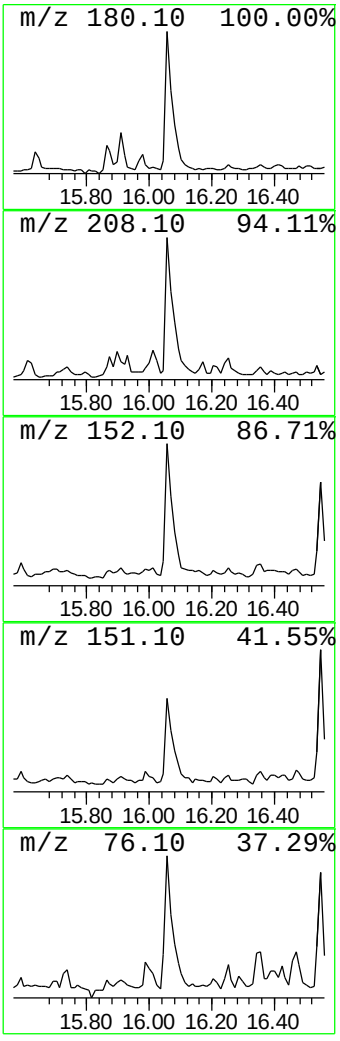
Peak Number 13 9,10-Anthracenedione Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.06	3.29 ng	146050	Phenanthrene-d10	14.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	96
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	70
4	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	64
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	64





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ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GM-SP-(0-4)

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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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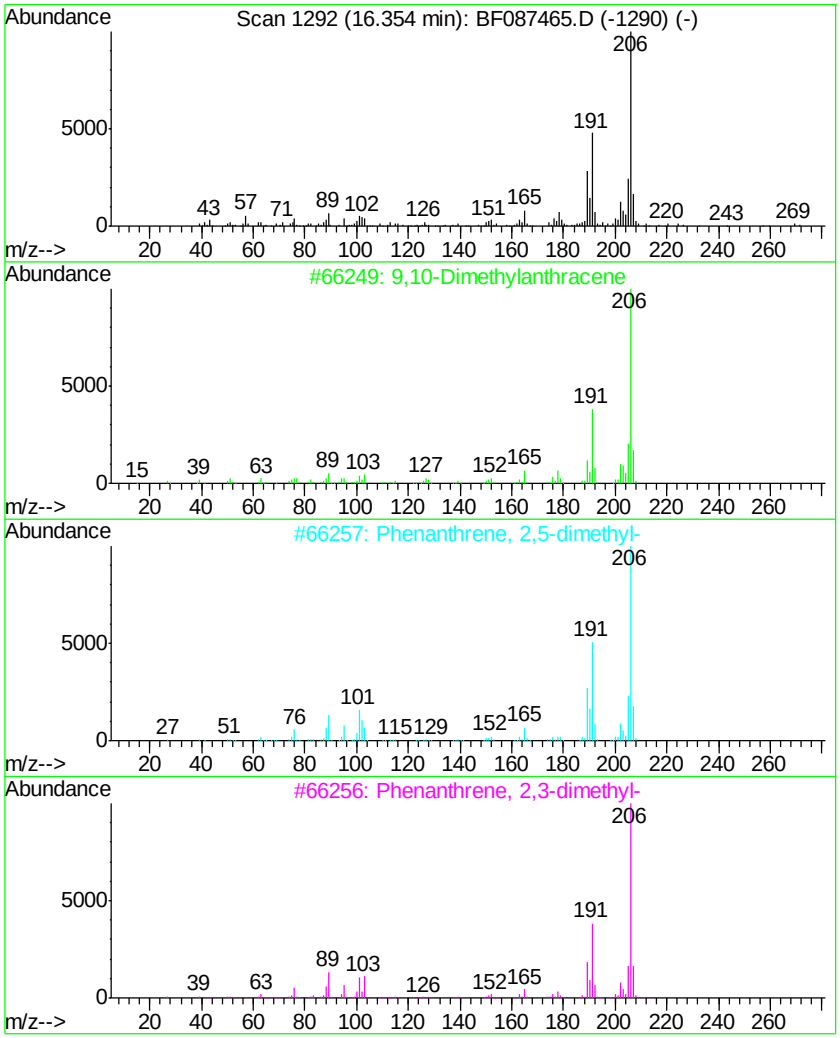
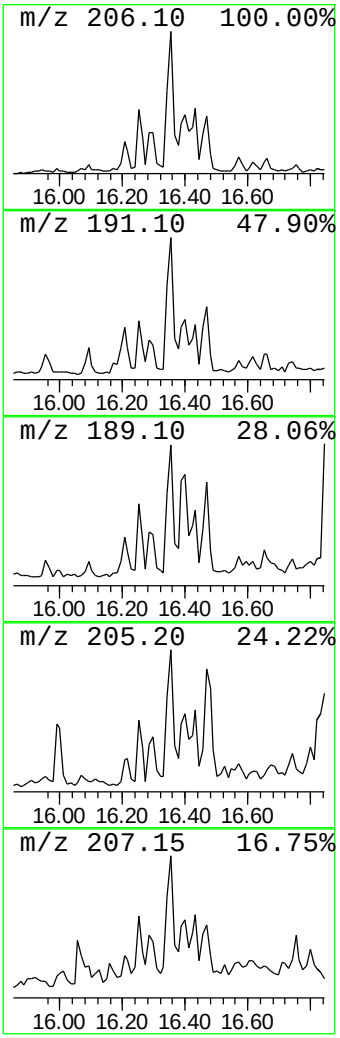
Peak Number 14 9,10-Dimethylanthracene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.35	5.17 ng	229440	Phenanthrene-d10	14.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	95
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	83





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Sample : H3290-01
Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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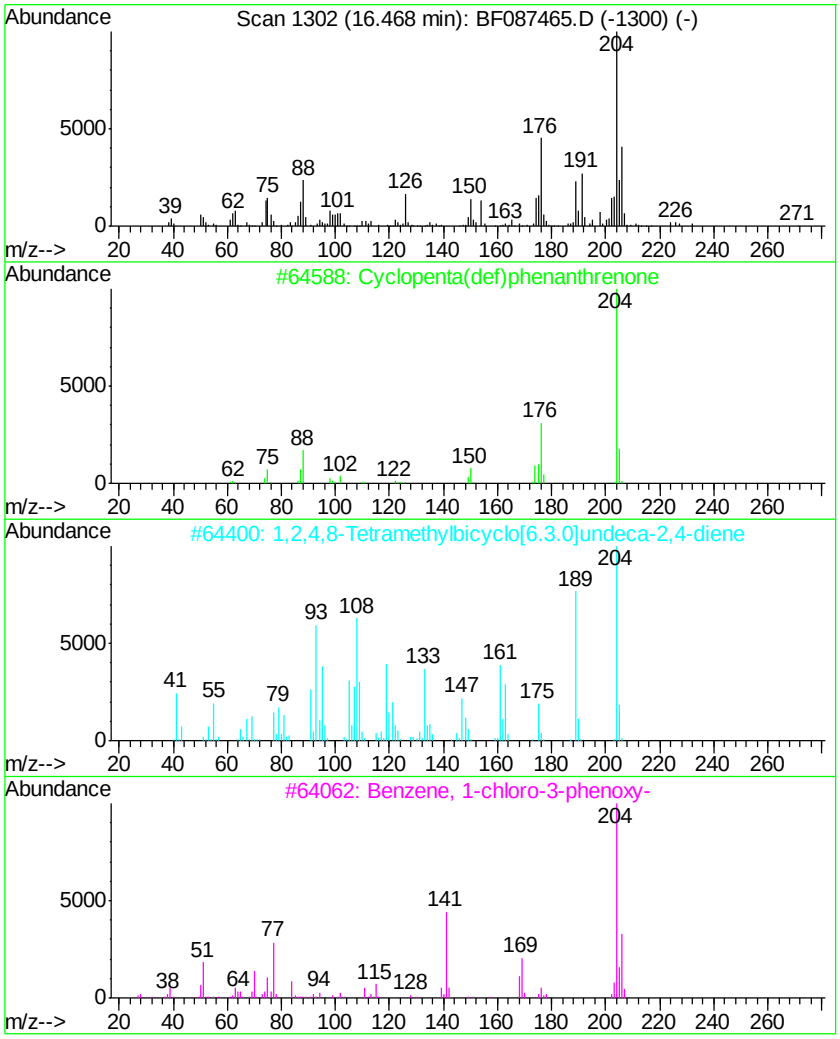
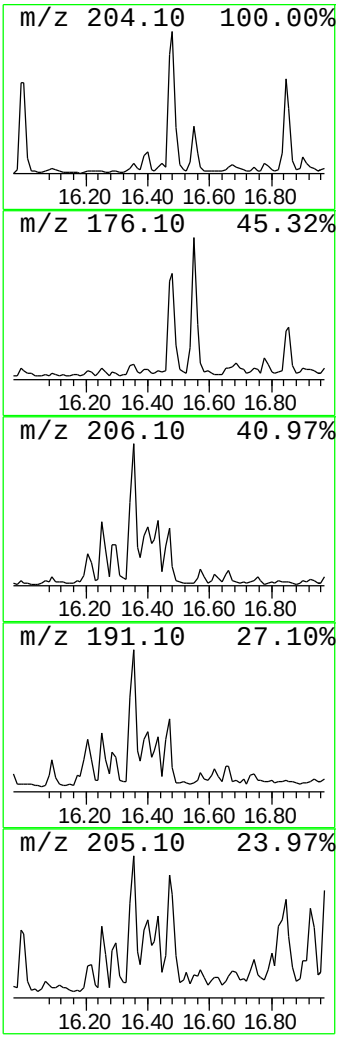
Peak Number 15 Cyclopenta(def)phenanthrenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.47	5.58 ng	247233	Phenanthrene-d10	14.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	89
2	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	46
3	Benzene, 1-chloro-3-phenoxy-	204	C12H9ClO	006452-49-9	43
4	Benzene, 1-chloro-4-phenoxy-	204	C12H9ClO	007005-72-3	43
5	Pyrimidine, 2-chloro-4-methyl-6-...	204	C11H9ClN2	032785-40-3	43





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Sample : H3290-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GM-SP-(0-4)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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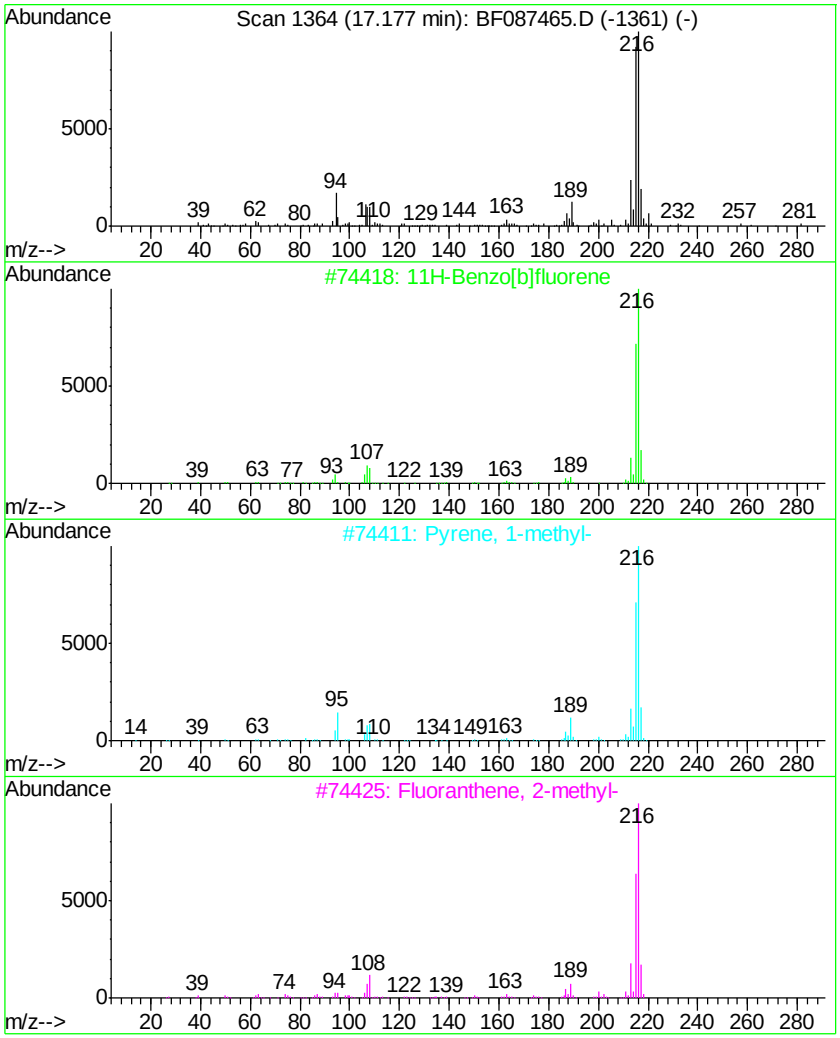
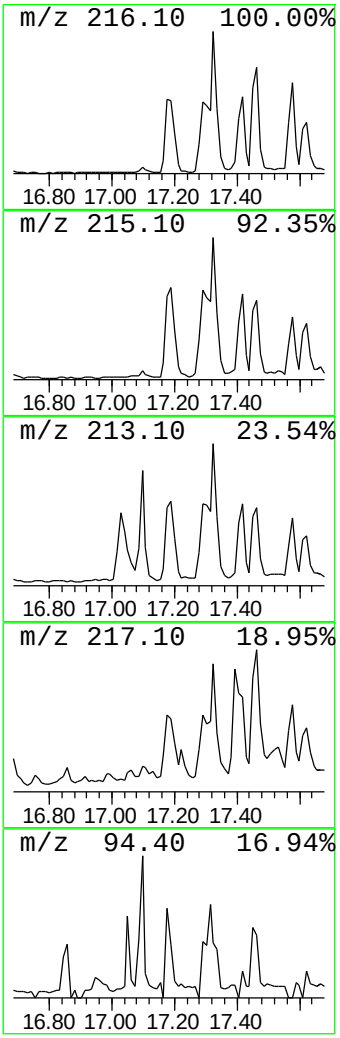
Peak Number 16 11H-Benzo[b]fluorene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.18	3.43 ng	344491	Chrysene-d12	18.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	60





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Misc :
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Instrument : BNA_F
ClientSampleId : GM-SP-(0-4)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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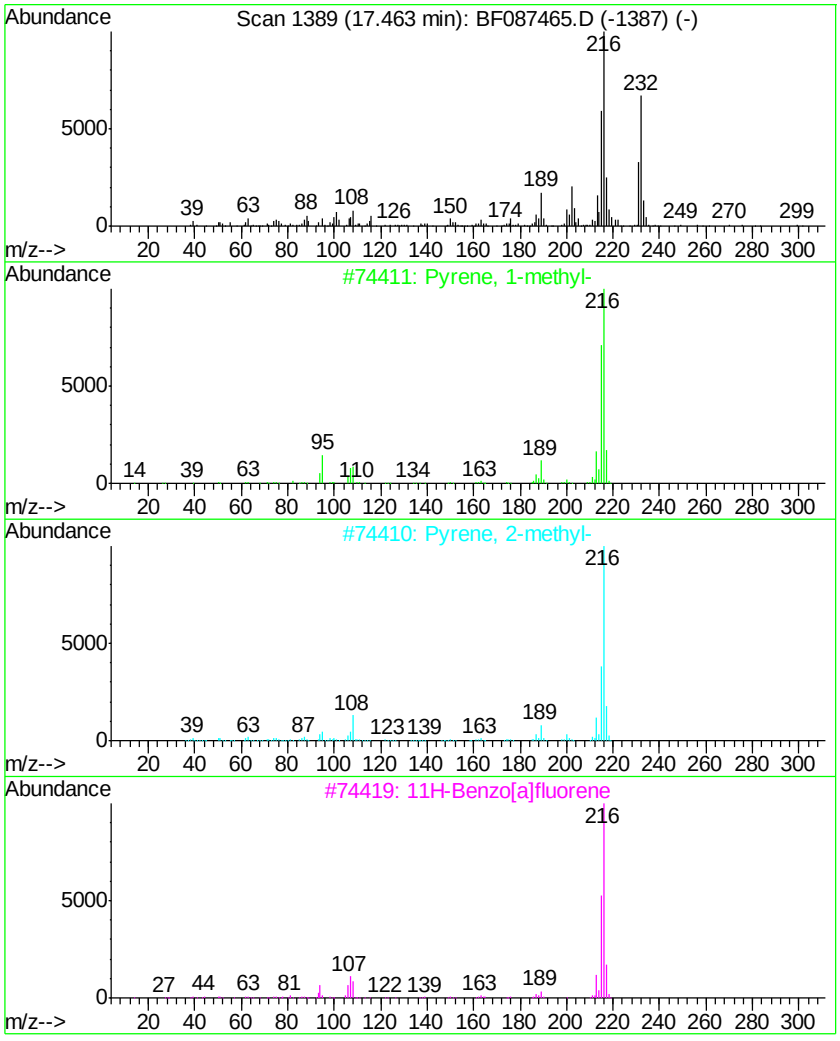
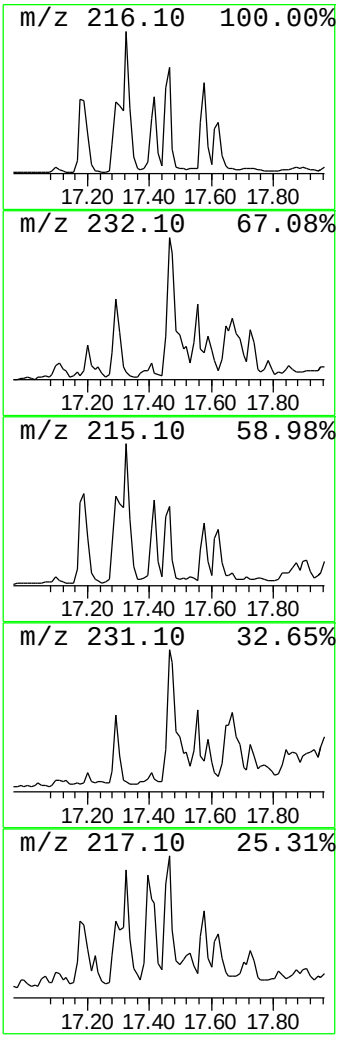
Peak Number 17 Pyrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.46	4.62 ng	463176	Chrysene-d12	18.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	60
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	55
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	50
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	49





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Sample : H3290-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GM-SP-(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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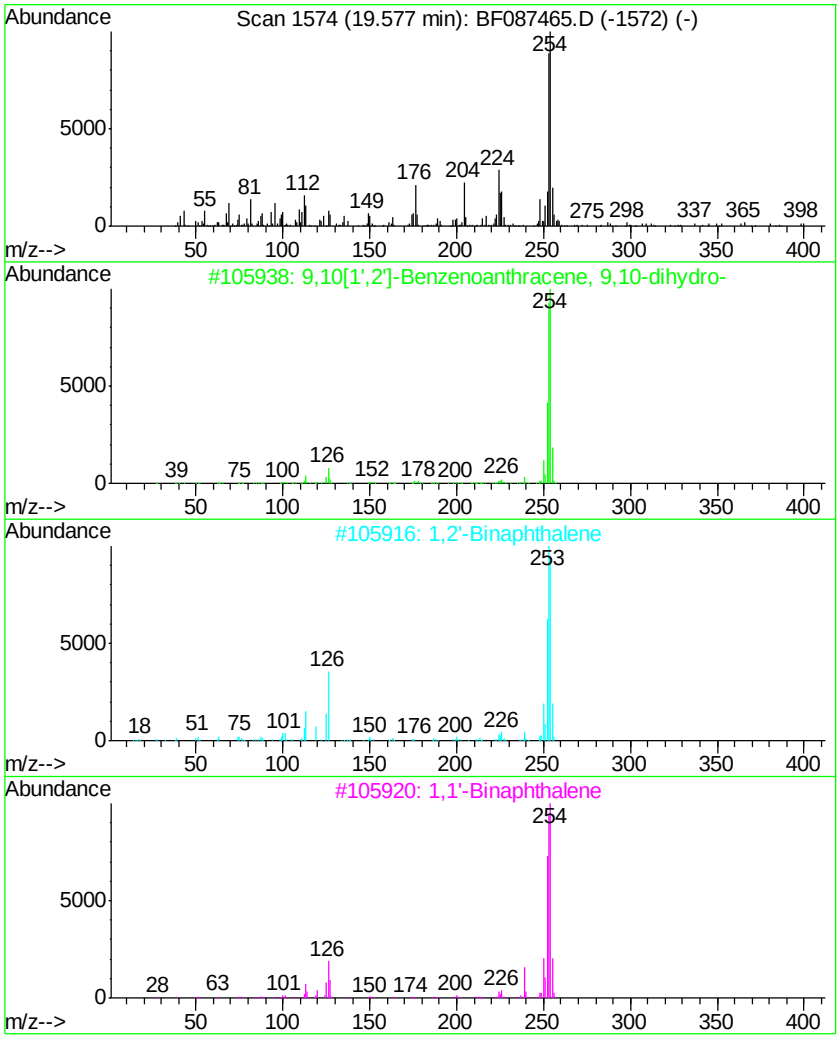
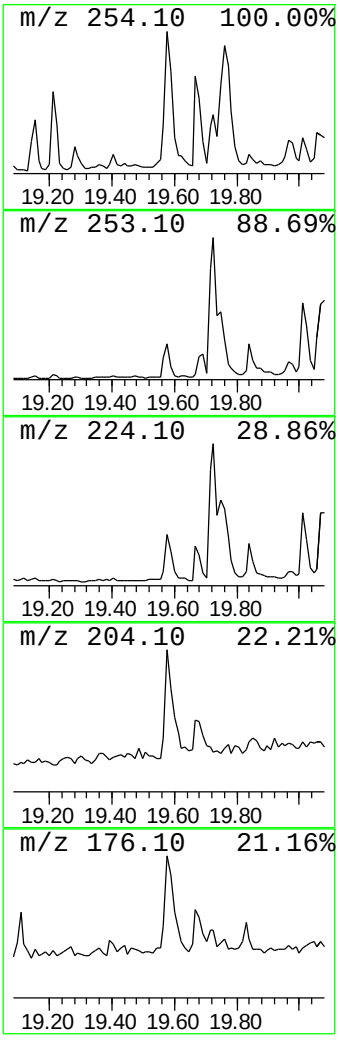
Peak Number 18 9,10[1',2']-Benzenoanthrace... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.58	14.75 ng	267370	Perylene-d12	20.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	59
2	1,2'-Binaphthalene	254	C20H14	004325-74-0	58
3	1,1'-Binaphthalene	254	C20H14	000604-53-5	58
4	9H-Fluorene, 9-(phenylmethylene)-	254	C20H14	001836-87-9	53
5	11-Oxo-5,5-dimethyl-5-sila-11H-5...	254	C14H14N2OSi	089052-47-1	50





Tentatively Identified Compound (LSC) summary

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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...	4.71	30.4	ng	1181770	1	7.48	776781	20.0
unknown7.14	7.14	84.3	ng	3272080	1	7.48	776781	20.0
Dibenzofuran, 4-m...	13.52	4.2	ng	247317	3	12.34	1184280	20.0
Dodecane, 2,7,10-...	13.97	11.2	ng	497559	4	14.74	886810	20.0
Tridecane	14.69	3.5	ng	153634	4	14.74	886810	20.0
Tetradecane	15.36	3.8	ng	167303	4	14.74	886810	20.0
1H-Cyclopropa[l]p...	15.59	4.8	ng	211107	4	14.74	886810	20.0
4H-Cyclopenta[def...	15.69	4.7	ng	210083	4	14.74	886810	20.0
Anthracene, 2-met...	15.74	4.8	ng	210463	4	14.74	886810	20.0
9,10-Anthracenedione	16.06	3.3	ng	146050	4	14.74	886810	20.0
9,10-Dimethylanth...	16.35	5.2	ng	229440	4	14.74	886810	20.0
Cyclopenta(def)ph...	16.47	5.6	ng	247233	4	14.74	886810	20.0
11H-Benzo[b]fluorene	17.18	3.4	ng	344491	5	18.45	2005890	20.0
Pyrene, 1-methyl-	17.46	4.6	ng	463176	5	18.45	2005890	20.0
9,10[1',2']-Benze...	19.58	14.8	ng	267370	6	20.13	362624	20.0