LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110915\
Data File : BF082860.D
Acq On : 10 Nov 2015 8:08
Operator : UM/IZ
Sample : G4275-02
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-10C

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-BF110715.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	4.990	251	254	257	rBV	1378164	2014255	35.22%	2.706%
2	5.424	289	292	295	rBV	4047780	3819281	66.78%	5.130%
3	6.464	379	383	385	rBV	4530037	4848332	84.77%	6.512%
4	6.590	391	394	397	rBV	3239981	4333651	75.78%	5.821%
5	6.830	412	415	417	rBV	1609688	1554783	27.19%	2.088%
6	6.990	426	429	431	rVB	2070293	2883523	50.42%	3.873%
7	7.390	460	464	466	rBV	3186391	3014204	52.70%	4.049%
8	8.110	525	527	530	rVB	1687622	1856330	32.46%	2.493%
9	9.070	609	611	613	rBV	81029	72422	1.27%	0.097%
10	9.196	618	622	624	rBV	5953677	5719102	100.00%	7.682%
11	9.585	654	656	658	rBV	1401208	1110340	19.41%	1.491%
12	9.870	678	681	683	rBV	2313592	2225946	38.92%	2.990%
13	10.282	714	717	719	rBV	89106	126380	2.21%	0.170%
14	10.659	747	750	752	rBV	2690191	3607307	63.07%	4.845%
15	10.785	759	761	766	rVB	105213	120876	2.11%	0.162%
16	10.956	773	776	780	rBV3	38237	90075	1.57%	0.121%
17	11.093	785	788	792	rBV4	45693	112719	1.97%	0.151%
18	11.196	796	797	799	rBV	43815	57859	1.01%	0.078%
19	11.231	799	800	806	rVB2	114588	165741	2.90%	0.223%
20	11.345	808	810	814	rVB2	1897880	2962735	51.80%	3.980%
21	11.425	814	817	818	rBV	533753	544906	9.53%	0.732%
22	11.608	829	833	835	rBV3	40423	106849	1.87%	0.144%
23	11.653	835	837	841	rVB2	69926	131194	2.29%	0.176%
24	11.848	852	854	855	rBV	223426	186607	3.26%	0.251%
25	11.894	855	858	859	rVV2	476106	638709	11.17%	0.858%
26	11.928	859	861	862	rVV	156423	214067	3.74%	0.288%
27	11.962	862	864	868	rVB2	410722	548381	9.59%	0.737%
28	12.065	868	873	876	rVB2	49392	78292	1.37%	0.105%
29	12.145	878	880	882	rVV	259041	204895	3.58%	0.275%
30	12.328	894	896	899	rVB3	53496	99140	1.73%	0.133%
31	12.396	899	902	904	rBV	125218	172578	3.02%	0.232%
32	12.454	904	907	908	rVV2	110033	201639	3.53%	0.271%
33	12.488	908	910	914	rVV3	51604	114439	2.00%	0.154%
34	12.556	914	916	918	rVV	2582752	2589956	45.29%	3.479%

LSC Area Percent Report

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Acq On : 10 Nov 2015 8:08
Operator : UM/IZ
Sample : G4275-02
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-10C

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 >
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.614	918	921	923	rVV3	48317	123776	2.16%	0.166%
36	12.648	923	924	928	rVV	318626	445735	7.79%	0.599%
37	12.705	928	929	933	rVV3	105370	170277	2.98%	0.229%
38	12.785	933	936	939	rVV	2696284	3133345	54.79%	4.209%
39	12.831	939	940	944	rVV3	113773	184463	3.23%	0.248%
40	12.899	944	946	947	rVV2	114475	157178	2.75%	0.211%
41	12.934	947	949	952	rVV	4234293	4480520	78.34%	6.018%
42	13.002	952	955	959	rVB3	130582	265767	4.65%	0.357%
43	13.117	959	965	967	rBV	386594	564169	9.86%	0.758%
44	13.185	968	971	972	rVV	303144	378622	6.62%	0.509%
45	13.219	972	974	976	rVV	243914	287503	5.03%	0.386%
46	13.311	980	982	983	rVV	115378	109336	1.91%	0.147%
47	13.345	983	985	989	rVB3	87191	156801	2.74%	0.211%
48	13.471	995	996	999	rBV2	147173	197322	3.45%	0.265%
49	13.517	999	1000	1003	rVB2	57466	101646	1.78%	0.137%
50	13.597	1005	1007	1008	rBV2	48765	77333	1.35%	0.104%
51	13.734	1016	1019	1020	rBV2	92361	115050	2.01%	0.155%
52	13.779	1020	1023	1026	rVV3	188598	384640	6.73%	0.517%
53	13.848	1026	1029	1031	rVB2	184435	222592	3.89%	0.299%
54	13.985	1037	1041	1046	rBV3	2325923	4328001	75.68%	5.813%
55	14.088	1048	1050	1052	rVV	309922	321696	5.62%	0.432%
56	14.122	1052	1053	1055	rVV	221434	210886	3.69%	0.283%
57	14.168	1055	1057	1059	rVV	138129	191067	3.34%	0.257%
58	14.202	1059	1060	1067	rVB4	95853	187396	3.28%	0.252%
59	14.374	1073	1075	1077	rVB	155391	150193	2.63%	0.202%
60	14.408	1077	1078	1080	rVB	84495	71473	1.25%	0.096%
61	14.465	1080	1083	1085	rBV2	104914	241273	4.22%	0.324%
62	14.522	1087	1088	1090	rVB2	158187	137048	2.40%	0.184%
63	14.579	1090	1093	1096	rVB3	57731	96852	1.69%	0.130%
64	14.705	1100	1104	1107	rBV3	66752	159593	2.79%	0.214%
65	14.785	1110	1111	1114	rVB2	47031	63079	1.10%	0.085%
66	14.854	1115	1117	1119	rBV	61569	96849	1.69%	0.130%
67	14.900	1119	1121	1125	rVB2	37260	81331	1.42%	0.109%
68	15.014	1128	1131	1136	rBV	767153	1492887	26.10%	2.005%
69	15.117	1138	1140	1143	rVB	207785	224310	3.92%	0.301%
70	15.220	1145	1149	1150	rBV2	45147	87945	1.54%	0.118%
71	15.300	1154	1156	1159	rVV	474310	684281	11.96%	0.919%

LSC Area Percent Report

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Acq On : 10 Nov 2015 8:08
Operator : UM/IZ
Sample : G4275-02
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-10C

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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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	15.357	1159	1161	1164	rVV	860241	972518	17.00%	1.306%
73	15.414	1164	1166	1174	rVV2	928429	1743916	30.49%	2.342%
74	15.608	1177	1183	1188	rBV4	39237	145040	2.54%	0.195%
75	15.802	1194	1200	1204	rVB2	110018	240352	4.20%	0.323%
76	15.882	1204	1207	1210	rBV3	39101	88863	1.55%	0.119%
77	15.940	1210	1212	1216	rVB	54042	100080	1.75%	0.134%
78	16.374	1246	1250	1254	rBV2	149619	315302	5.51%	0.424%
79	16.637	1268	1273	1276	rBV3	56321	171426	3.00%	0.230%
80	16.785	1283	1286	1291	rVB2	275032	558146	9.76%	0.750%
81	16.957	1296	1301	1303	rVV2	52655	130116	2.28%	0.175%
82	17.060	1303	1310	1318	rVB4	149987	556005	9.72%	0.747%
83	17.197	1318	1322	1331	rBV	243303	577741	10.10%	0.776%
84	17.357	1331	1336	1338	rVV5	32211	119595	2.09%	0.161%
85	17.414	1338	1341	1350	rVB	98243	264753	4.63%	0.356%
86	17.906	1379	1384	1390	rVB2	98177	333083	5.82%	0.447%
87	18.934	1468	1474	1483	rVB2	64717	267453	4.68%	0.359%
88	19.300	1500	1506	1515	rVB2	58614	221040	3.86%	0.297%
89	19.471	1515	1521	1525	rBV	33003	140153	2.45%	0.188%
90	20.237	1581	1588	1592	rBV2	39837	177284	3.10%	0.238%
91	20.420	1599	1604	1614	rVB4	51542	236972	4.14%	0.318%
92	20.603	1615	1620	1627	rVV2	24483	101414	1.77%	0.136%
93	20.729	1627	1631	1639	rVB10	14035	77066	1.35%	0.104%

Sum of corrected areas: 74448066

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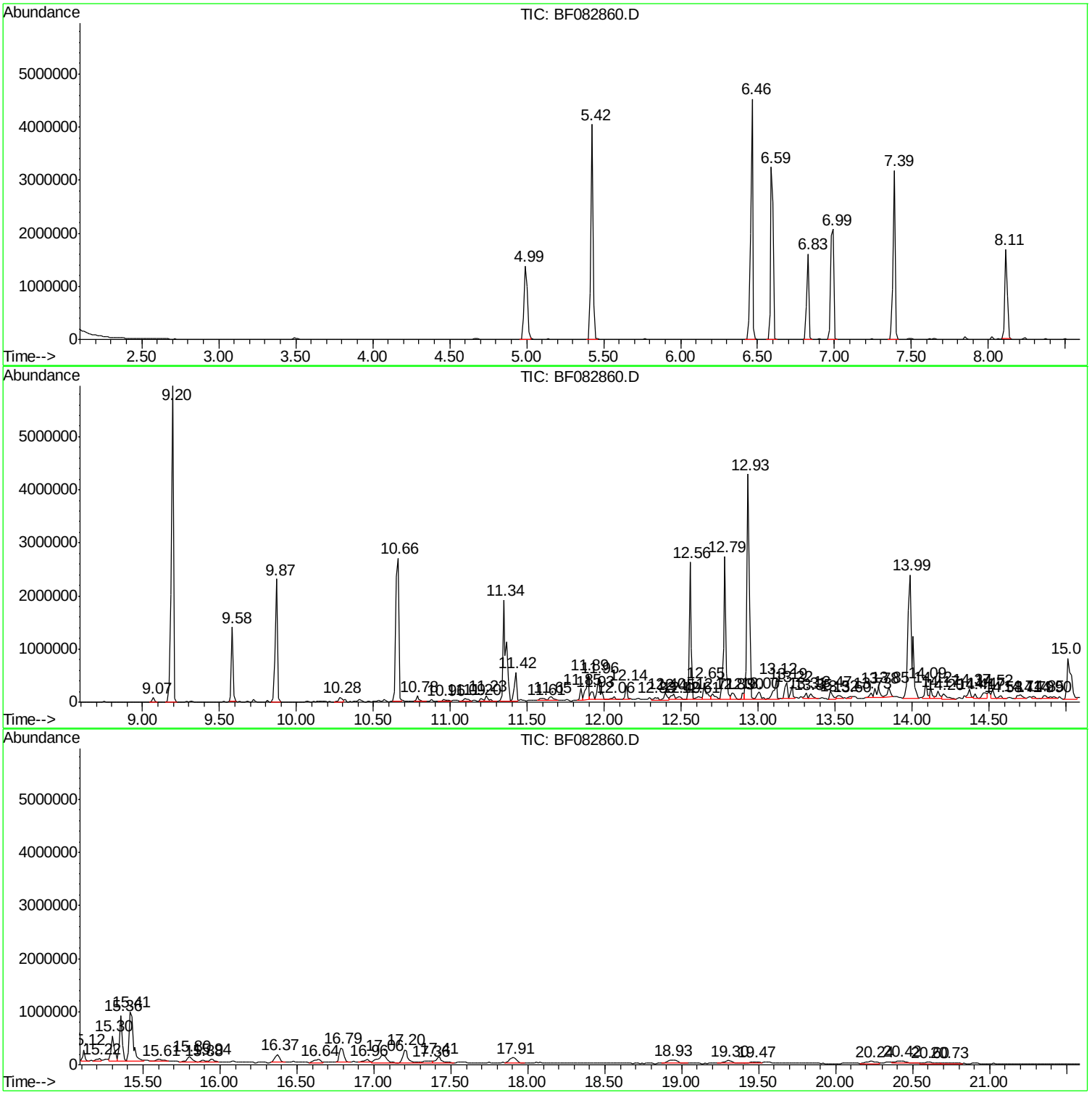
Sample : G4275-02
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-10C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.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\BF110915\
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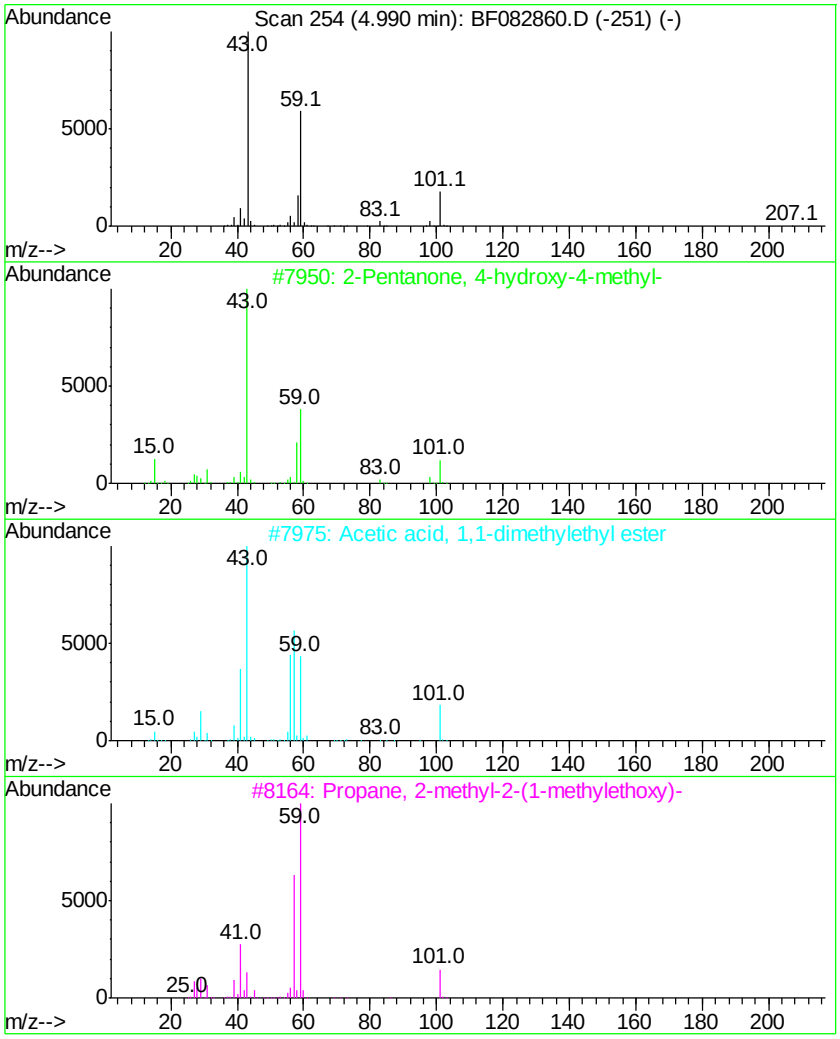
TIC Integration Parameters: LSCINT.P

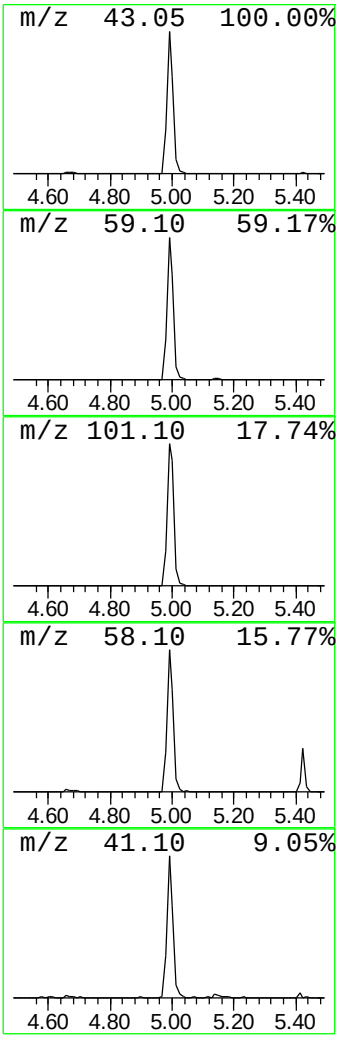
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.99	25.91 ng	2014260	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
5	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33





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Data File : BF082860.D
Acq On : 10 Nov 2015 8:08
Operator : UM/IZ
Sample : G4275-02
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-10C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

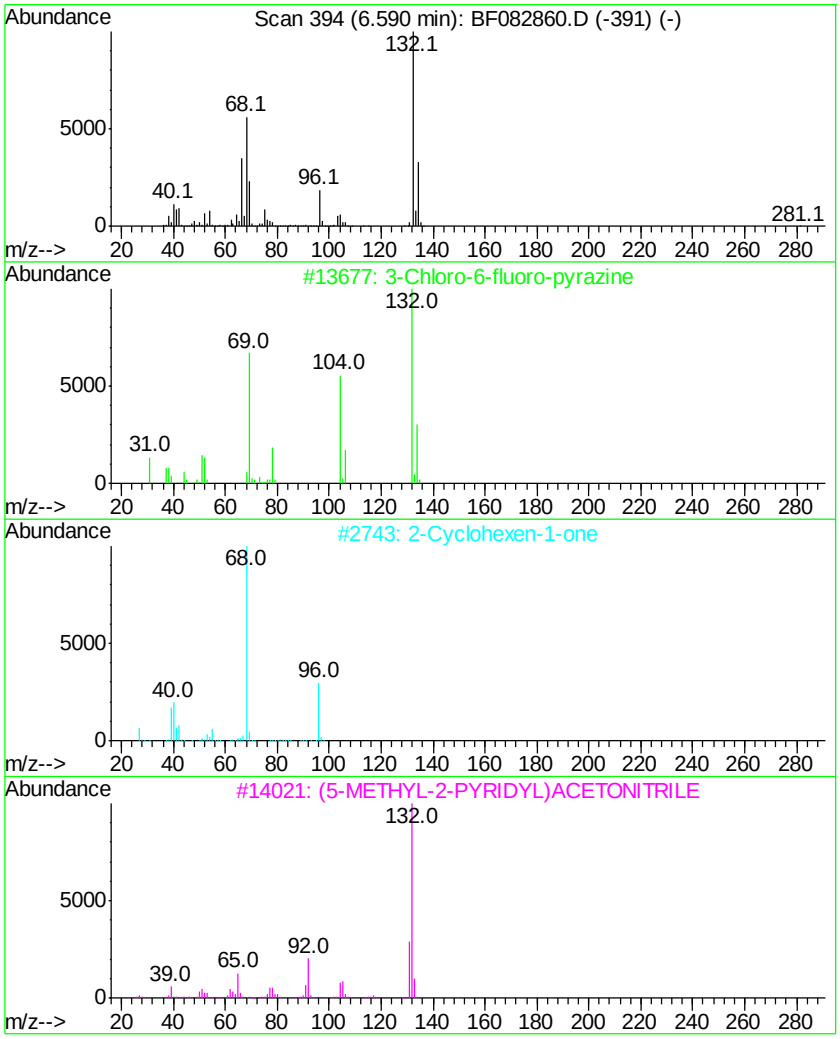
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

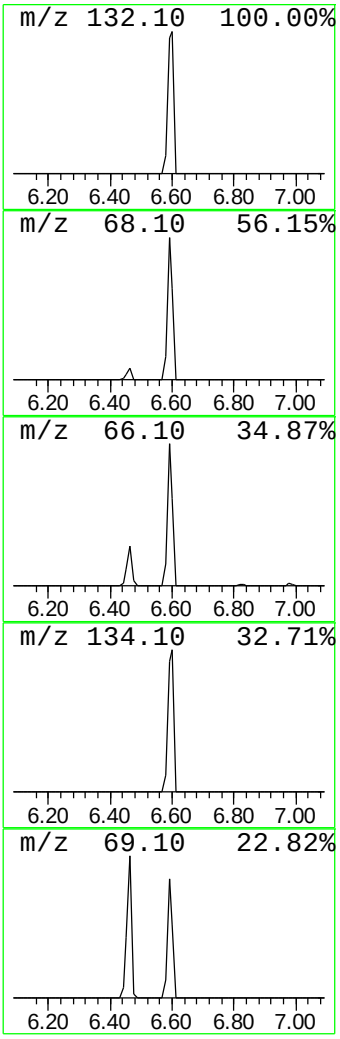
****

Peak Number 2 unknown6.59 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	55.75 ng	4333650	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	10
3	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
4	5-Aminoindole	132	C8H8N2	005192-03-0	10
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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Operator : UM/IZ
Sample : G4275-02
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Instrument : BNA_F
ClientSampleId : T-10C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.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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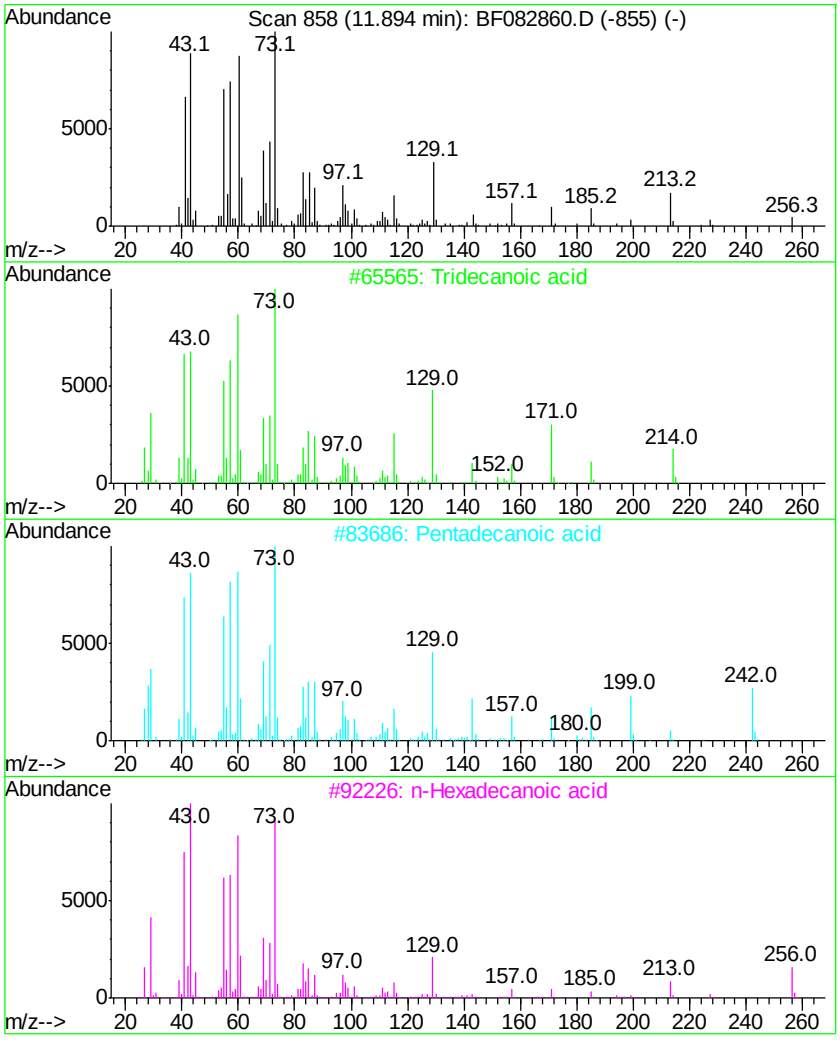
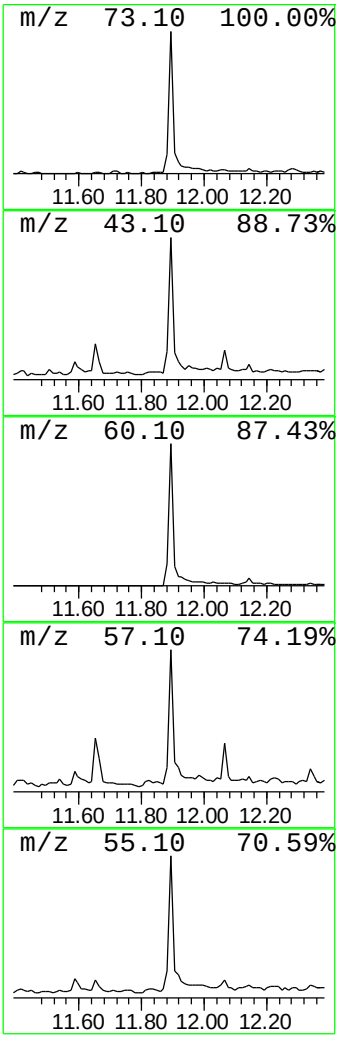
Peak Number 4 Tridecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	4.31 ng	638709	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	95
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	80
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	30
4	Methoxyacetic acid, 2-tetradecyl...	286	C17H34O3	1000282-04-8	11
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	11





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Sample : G4275-02
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-10C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

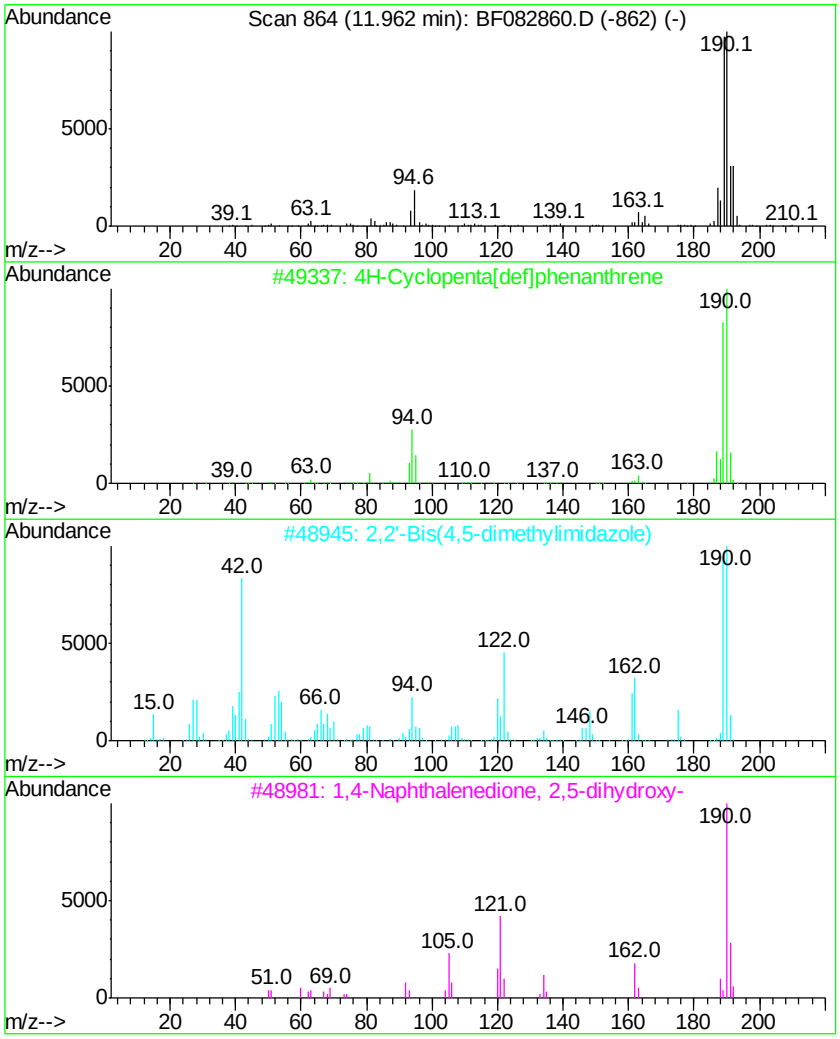
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

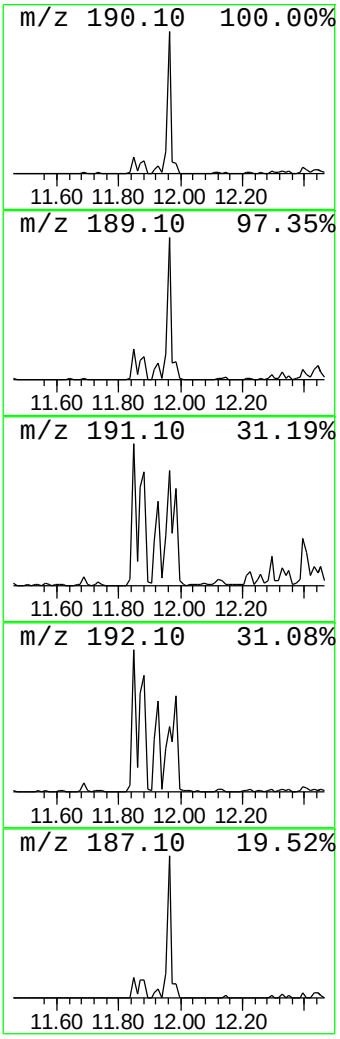
****

Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	3.70 ng	548381	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42
3	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	25
4	2-Naphthaldehyde, 1,2,3,4-tetrah...	190	C12H14O2	002472-02-8	18
5	Hydrazinecarboxaldehyde, 2-[3-(m...	190	C4H6N4OS2	038362-25-3	14





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Data File : BF082860.D
Acq On : 10 Nov 2015 8:08
Operator : UM/IZ
Sample : G4275-02
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-10C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.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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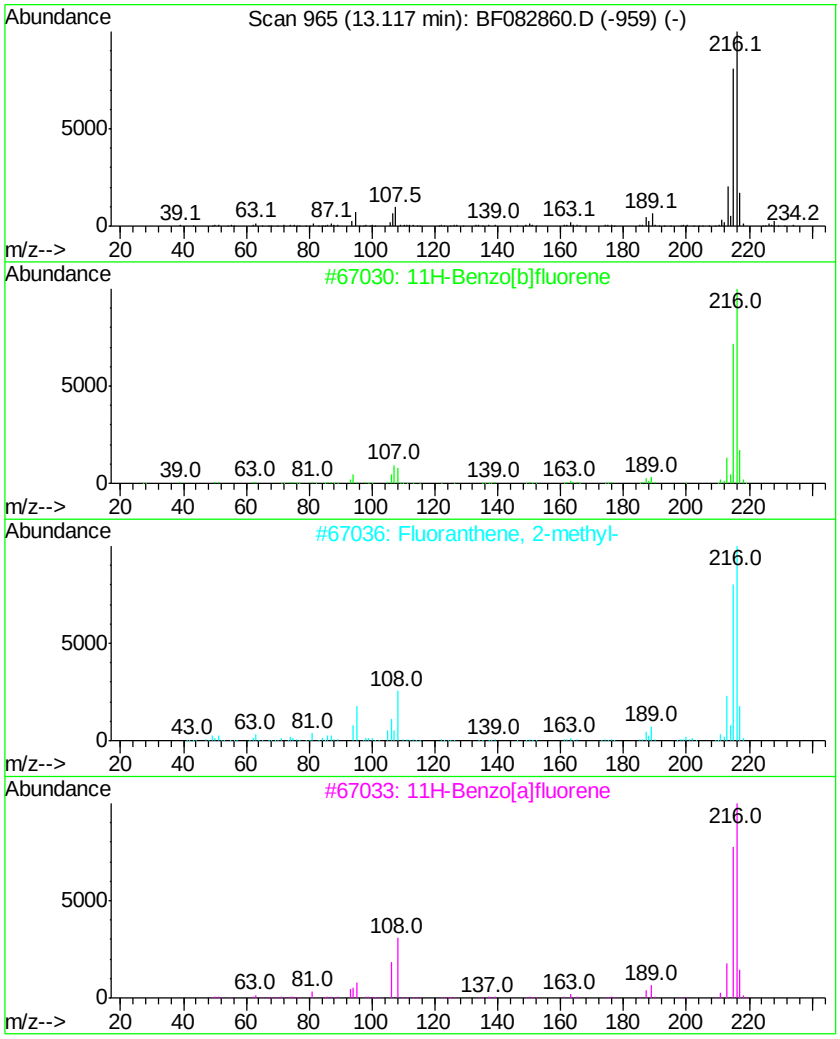
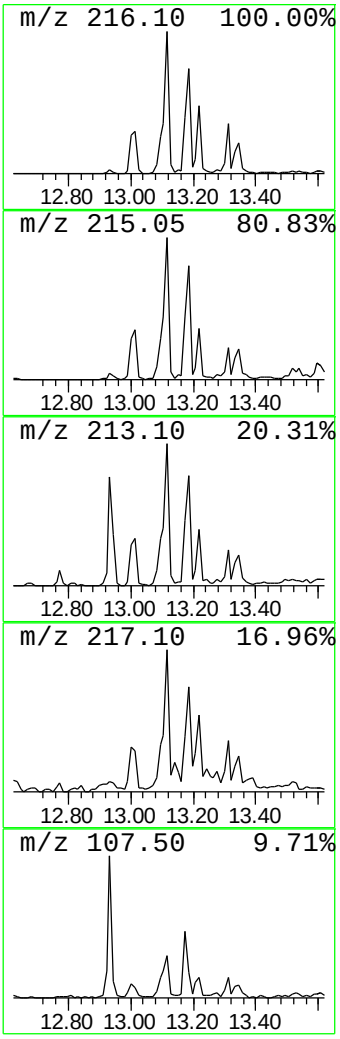
Peak Number 7 11H-Benzo[b]fluorene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.12	2.61 ng	564169	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





Data Path : Z:\HPCHEM1\BNA F\DATA\BF110915\
Data File : BF082860.D
Acq On : 10 Nov 2015 8:08
Operator : UM/IZ
Sample : G4275-02
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-10C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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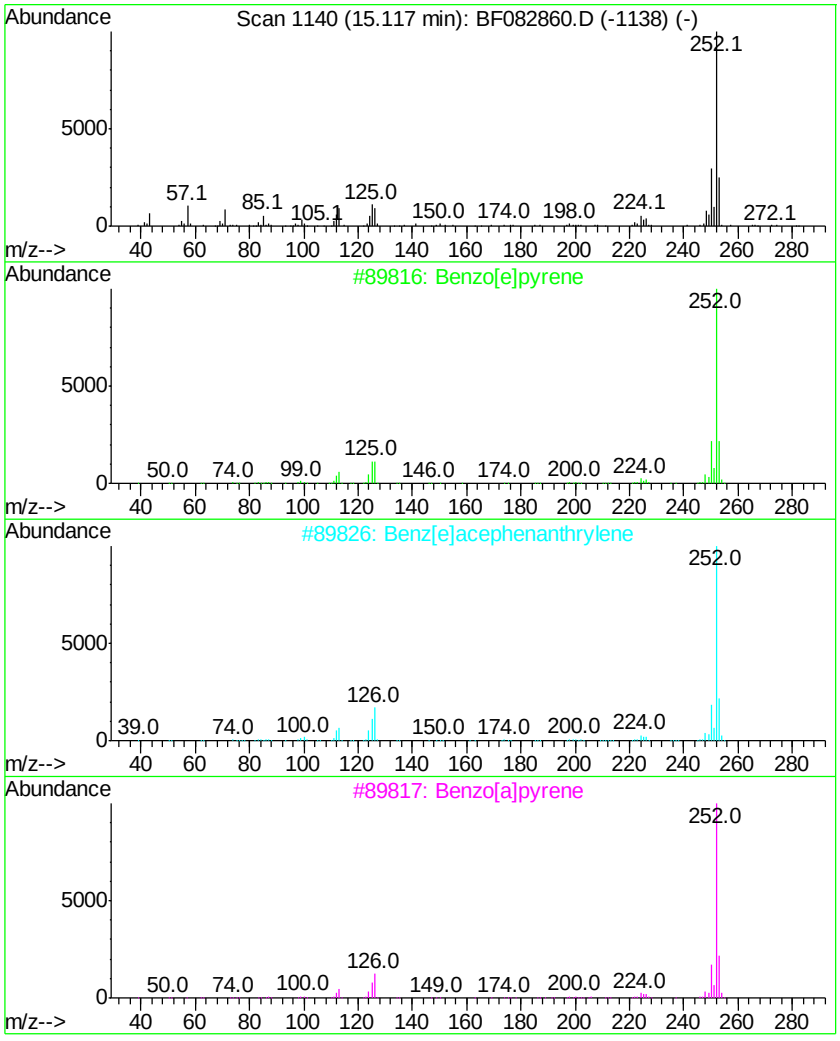
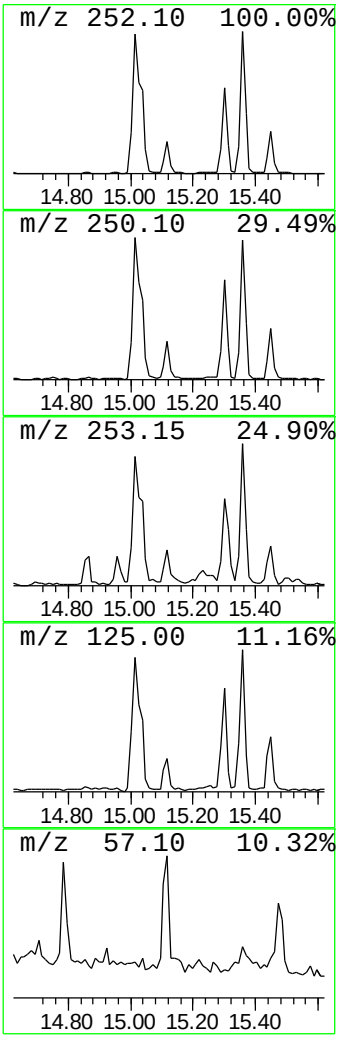
Peak Number 8 Benzo[e]pyrene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.12	2.57 ng	224310	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	91
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
3	Benzo[a]pyrene	252	C20H12	000050-32-8	90
4	Perylene	252	C20H12	000198-55-0	81
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	76





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110915\
Data File : BF082860.D
Acq On : 10 Nov 2015 8:08
Operator : UM/IZ
Sample : G4275-02
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-10C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

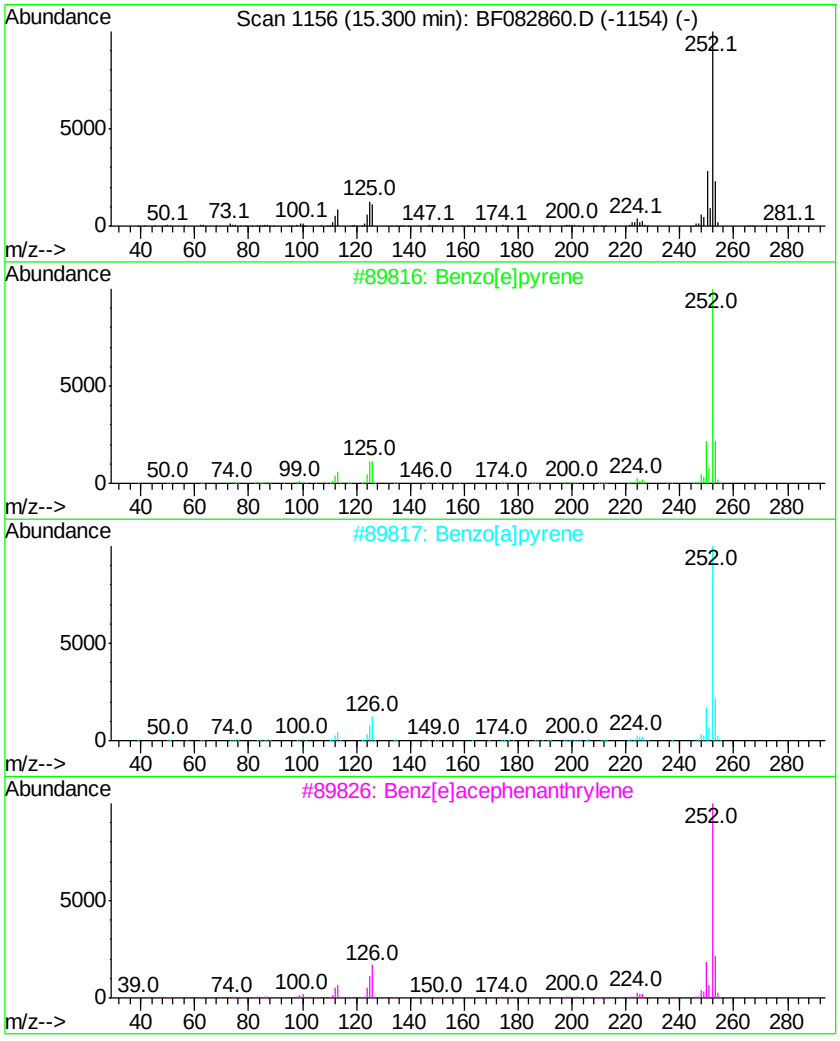
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

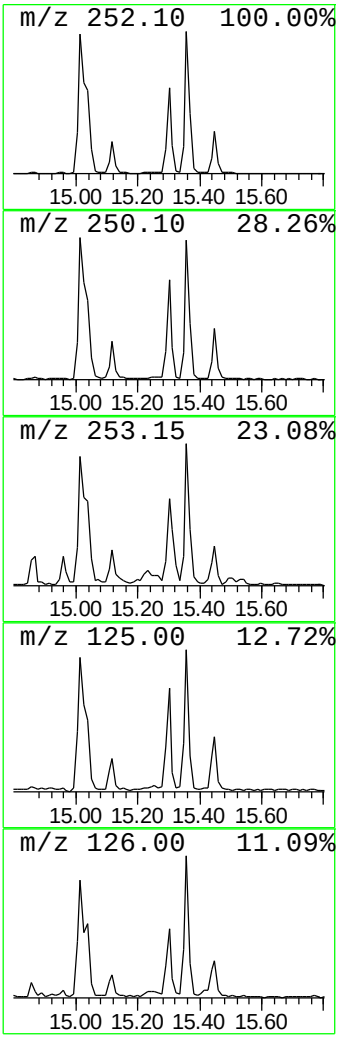
****

Peak Number 9 unknown15.30 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.30	7.85 ng	684281	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[a]pyrene	252	C20H12	000050-32-8	95
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90
5	Perylene	252	C20H12	000198-55-0	86





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Sample : G4275-02
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-10C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.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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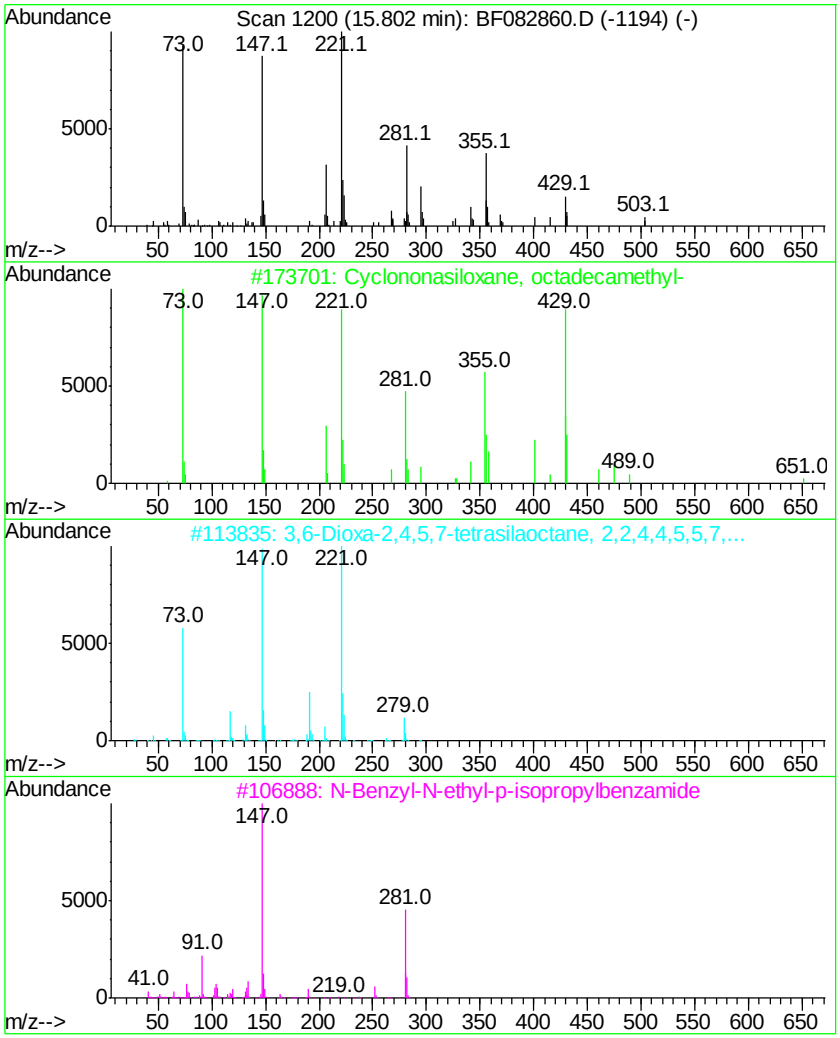
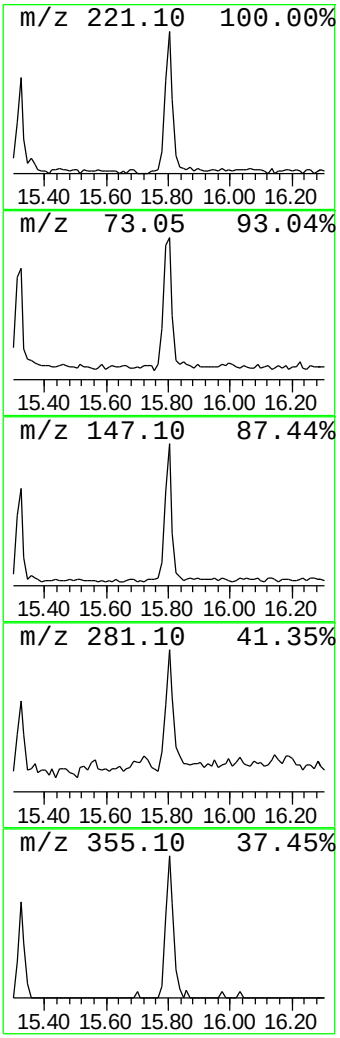
Peak Number 10 Cyclononasiloxane, octadeca... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.80	2.76 ng	240352	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclononasiloxane, octadecamethyl-	666	C18H54O9Si9	000556-71-8	50
2	3,6-Dioxa-2,4,5,7-tetrasilaoctan...	294	C10H30O2Si4	004342-25-0	40
3	N-Benzyl-N-ethyl-p-isopropylbenz...	281	C19H23NO	015089-22-2	30
4	Trisiloxane, 1,1,1,5,5,5-hexamet...	384	C12H36O4Si5	003555-47-3	27
5	3-Isopropoxy-1,1,1,7,7,7-hexamet...	576	C18H52O7Si7	071579-69-6	25





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Acq On : 10 Nov 2015 8:08
Operator : UM/IZ
Sample : G4275-02
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.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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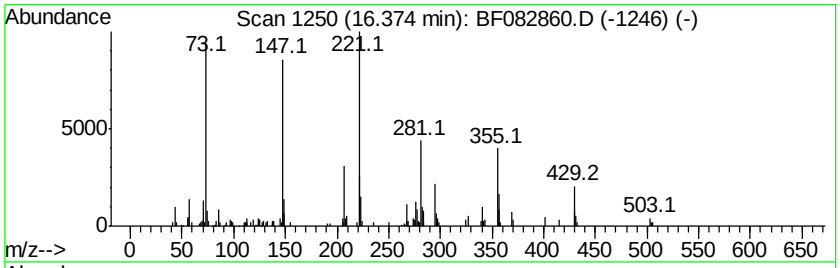
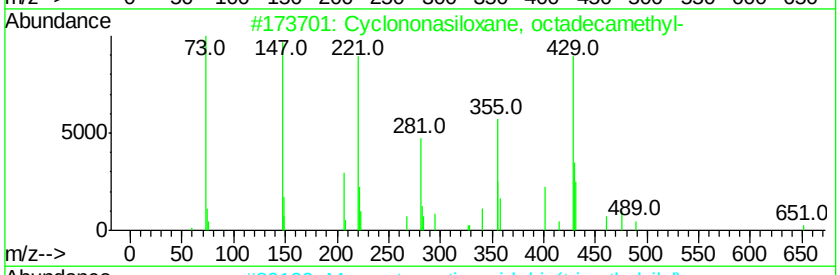
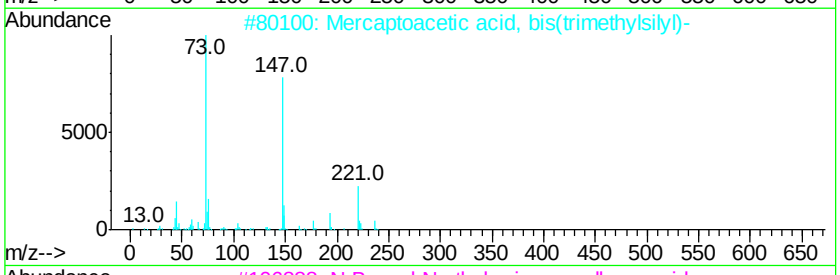
Peak Number 11 unknown16.37 Concentration Rank 9

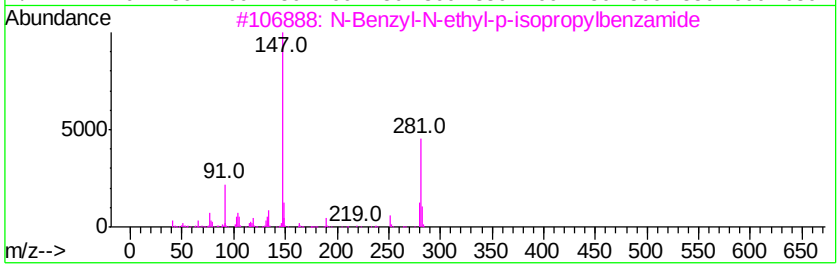
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.37	3.62 ng	315302	Perylene-d12	15.43

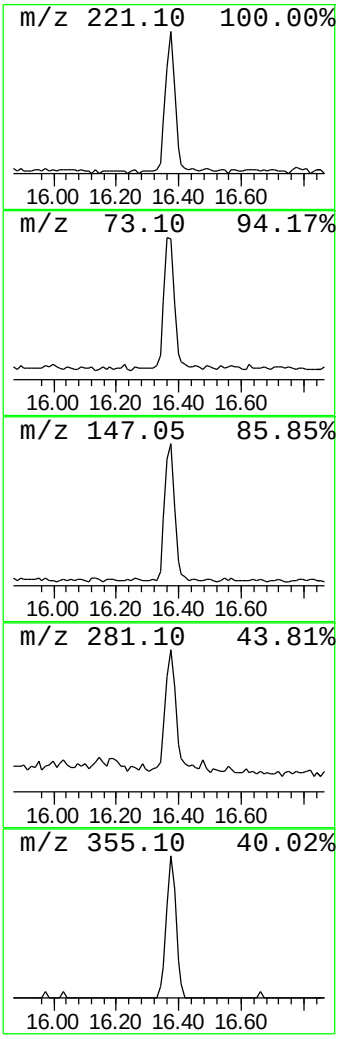
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclononasiloxane, octadecamethyl-	666	C18H54O9Si9	000556-71-8	83
2	Mercaptoacetic acid, bis(trimeth...	236	C8H20O2SSi2	006398-62-5	37
3	N-Benzyl-N-ethyl-p-isopropylbenz...	281	C19H23NO	015089-22-2	25
4	2-(2',4',4',6',6',8',8'-Heptamet...	652	C16H48O10Si9	145344-72-5	25
5	1,2-Benzenedicarboxylic acid, bi...	310	C14H22O4Si2	002078-22-0	14











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Data File : BF082860.D
Acq On : 10 Nov 2015 8:08
Operator : UM/IZ
Sample : G4275-02
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-10C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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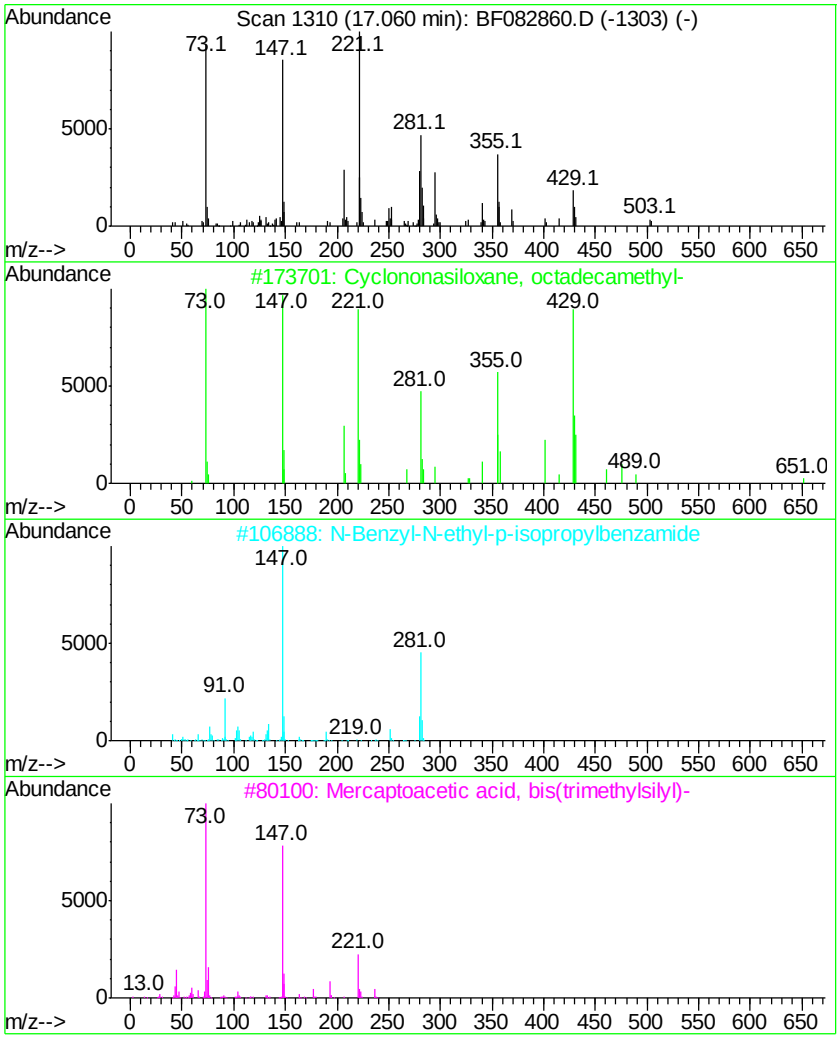
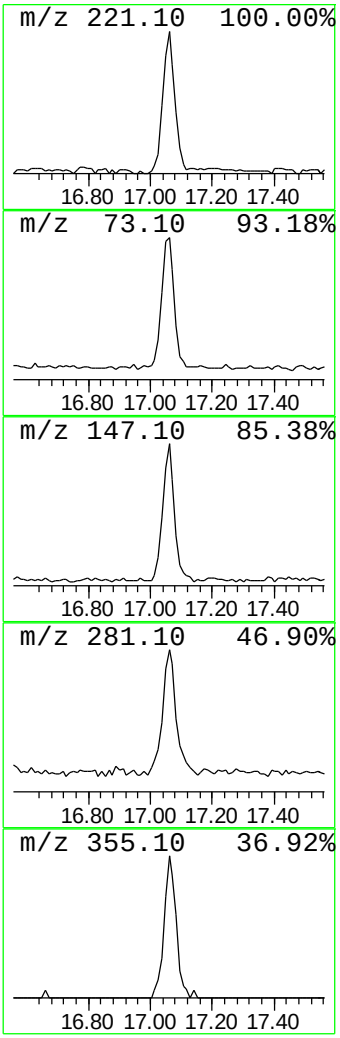
Peak Number 12 unknown17.06 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.06	6.38 ng	556005	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclononasiloxane, octadecamethyl-	666	C18H54O9Si9	000556-71-8	38
2	N-Benzyl-N-ethyl-p-isopropylbenz...	281	C19H23NO	015089-22-2	38
3	Mercaptoacetic acid, bis(trimeth...	236	C8H20O2SSi2	006398-62-5	32
4	3-Isopropoxy-1,1,1,7,7,7-hexamet...	576	C18H52O7Si7	071579-69-6	16
5	Trisiloxane, 1,1,1,5,5,5-hexamet...	384	C12H36O4Si5	003555-47-3	16





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Acq On : 10 Nov 2015 8:08
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Sample : G4275-02
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-10C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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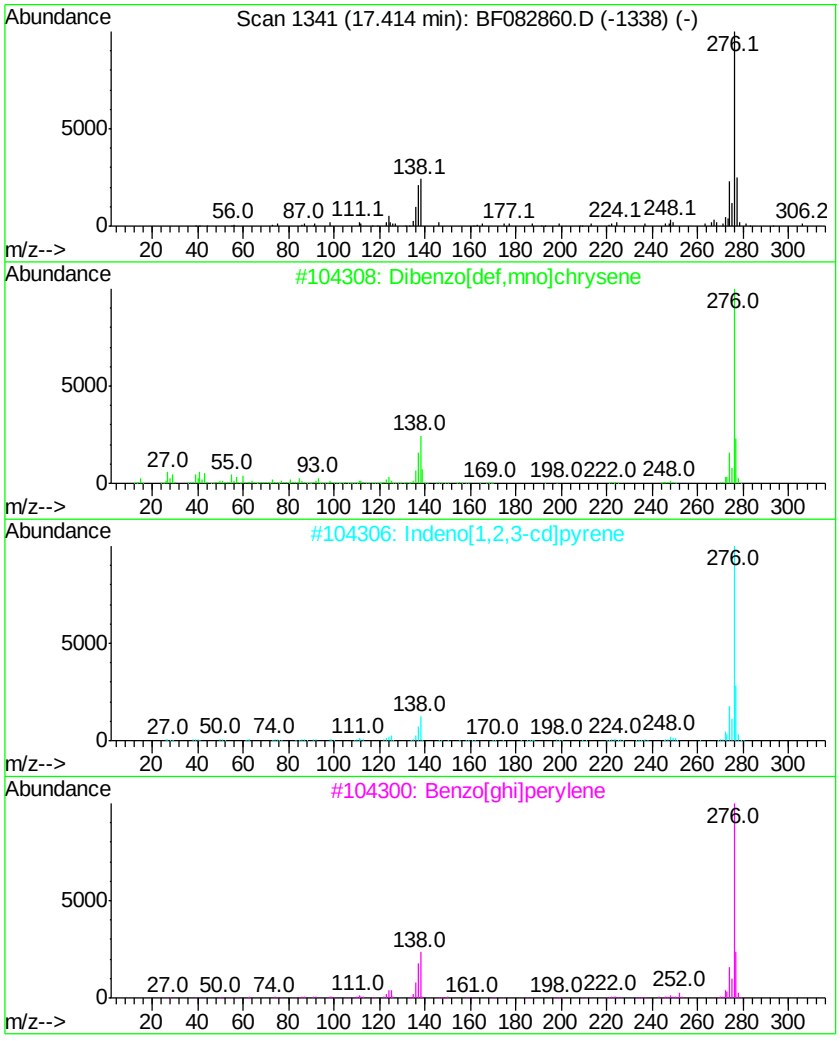
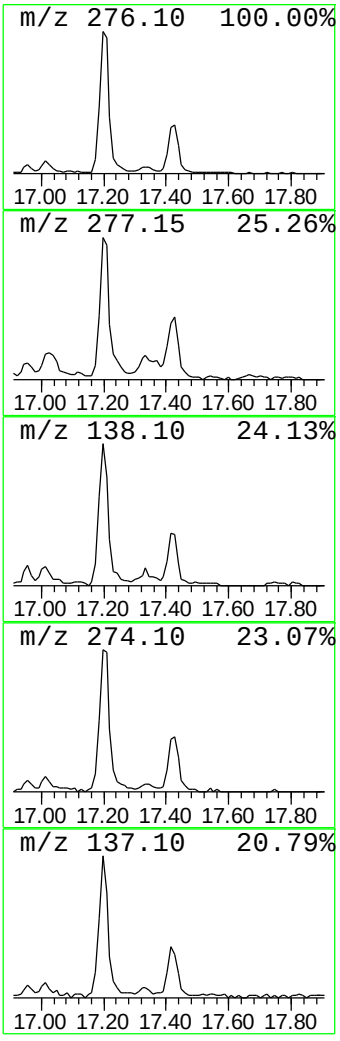
Peak Number 13 Dibenzo[def,mno]chrysene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.41	3.04 ng	264753	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	96
2	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	93
3	Benzo[ghi]perylene	276	C22H12	000191-24-2	93
4	Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	91
5	Phenol, 2-(4-chlorophenyliminome...	276	C13H9ClN2O3	1000262-90-3	50





Library Search Compound Report

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Data File : BF082860.D
Acq On : 10 Nov 2015 8:08
Operator : UM/IZ
Sample : G4275-02
Misc :
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Instrument : BNA_F
ClientSampleId : T-10C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.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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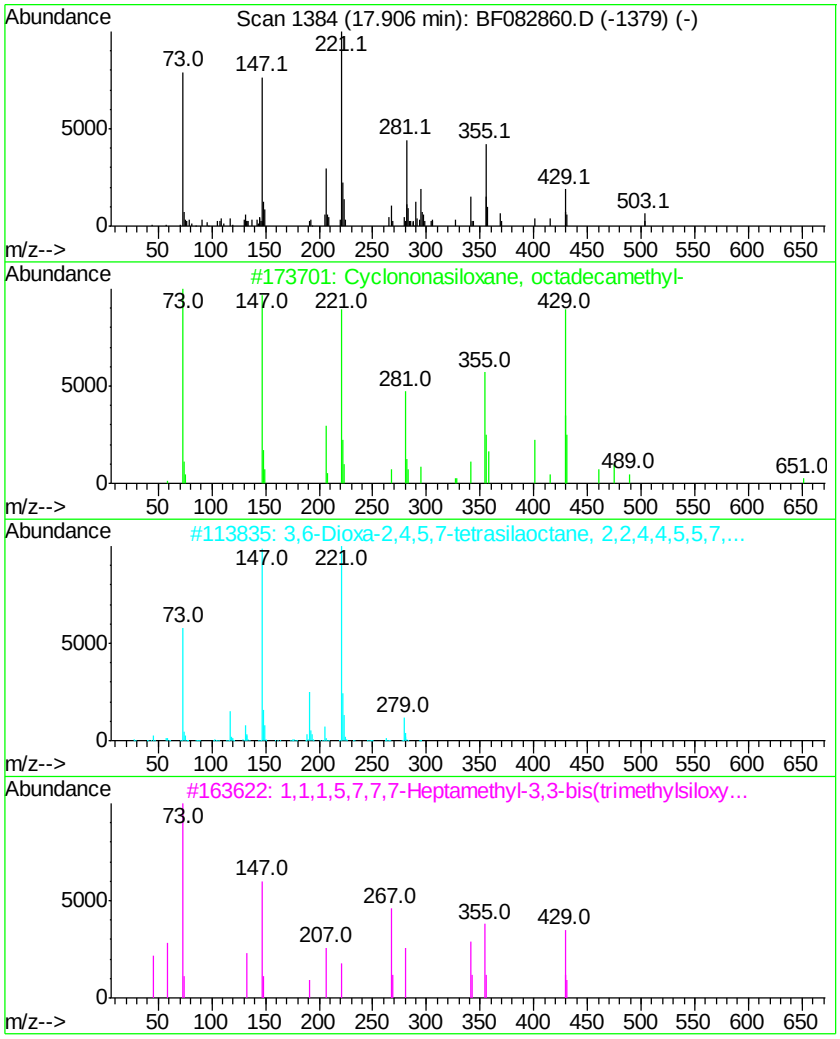
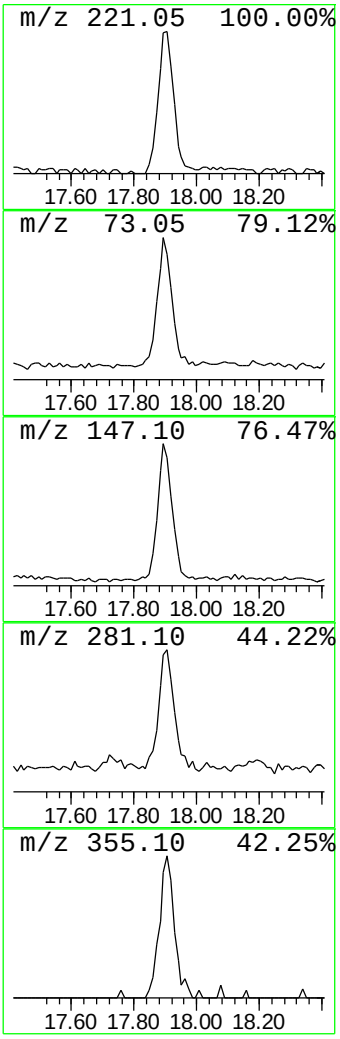
Peak Number 14 unknown17.91 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.91	3.82 ng	333083	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclononasiloxane, octadecamethyl-	666	C18H54O9Si9	000556-71-8	58
2	3,6-Dioxa-2,4,5,7-tetrasilaoctan...	294	C10H30O2Si4	004342-25-0	38
3	1,1,1,5,7,7,7-Heptamethyl-3,3-bi...	444	C13H40O5Si6	038147-00-1	38
4	Mercaptoacetic acid, bis(trimeth...	236	C8H20O2SSi2	006398-62-5	38
5	Dithioerythritol, O,O',S,S'-tetr...	442	C16H42O2S2Si4	1000079-30-7	35





Library Search Compound Report

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Acq On : 10 Nov 2015 8:08
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Sample : G4275-02
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-10C

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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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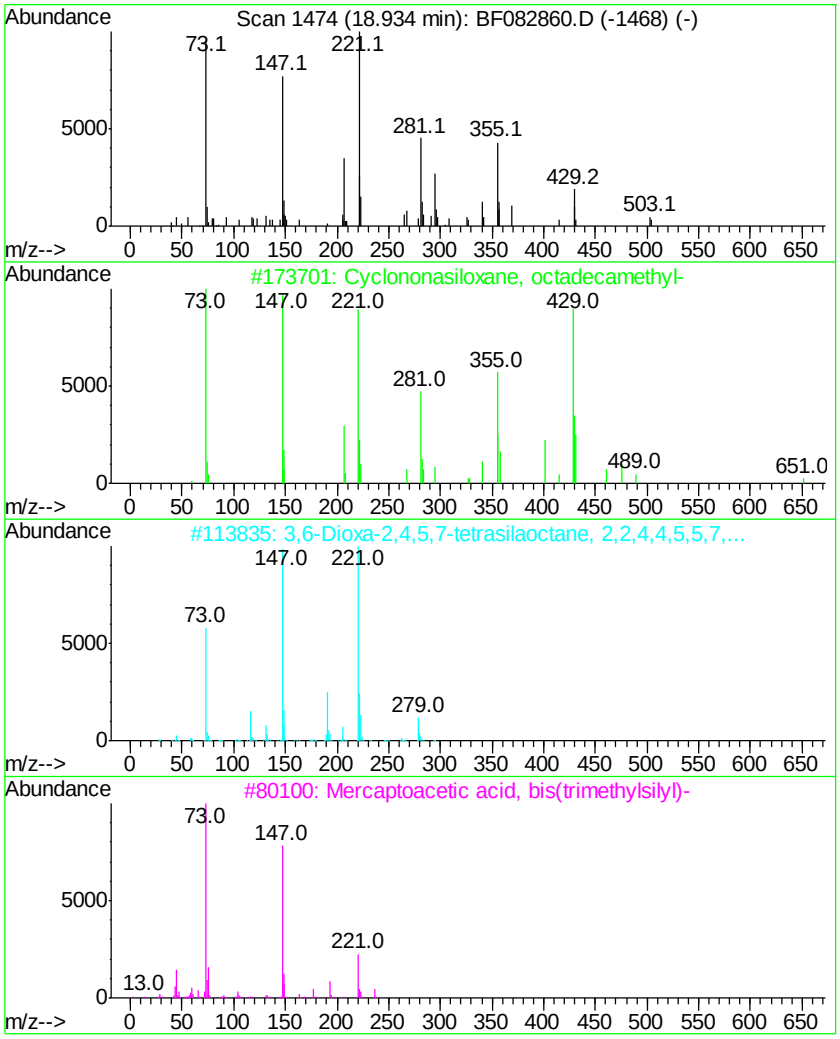
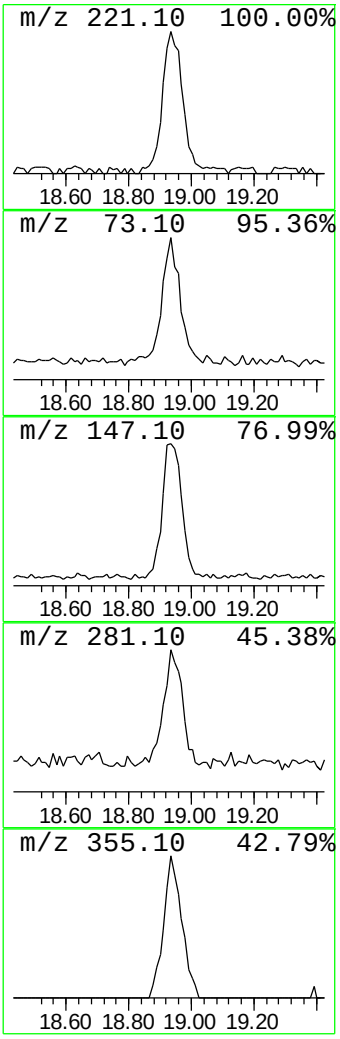
Peak Number 15 unknown18.93 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.93	3.07 ng	267453	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclononasiloxane, octadecamethyl-	666	C18H54O9Si9	000556-71-8	47
2	3,6-Dioxa-2,4,5,7-tetrasilaoctan...	294	C10H30O2Si4	004342-25-0	38
3	Mercaptoacetic acid, bis(trimeth...	236	C8H20O2SSi2	006398-62-5	37
4	1,1,1,5,7,7,7-Heptamethyl-3,3-bi...	444	C13H40O5Si6	038147-00-1	37
5	2-Amino-2-oxo-acetic acid, N-[3,...	221	C12H15NO3	024451-17-0	25





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Sample : G4275-02
Misc :
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Instrument : BNA_F
ClientSampleId : T-10C

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TIC Library : C:\DATABASE\NIST02.L
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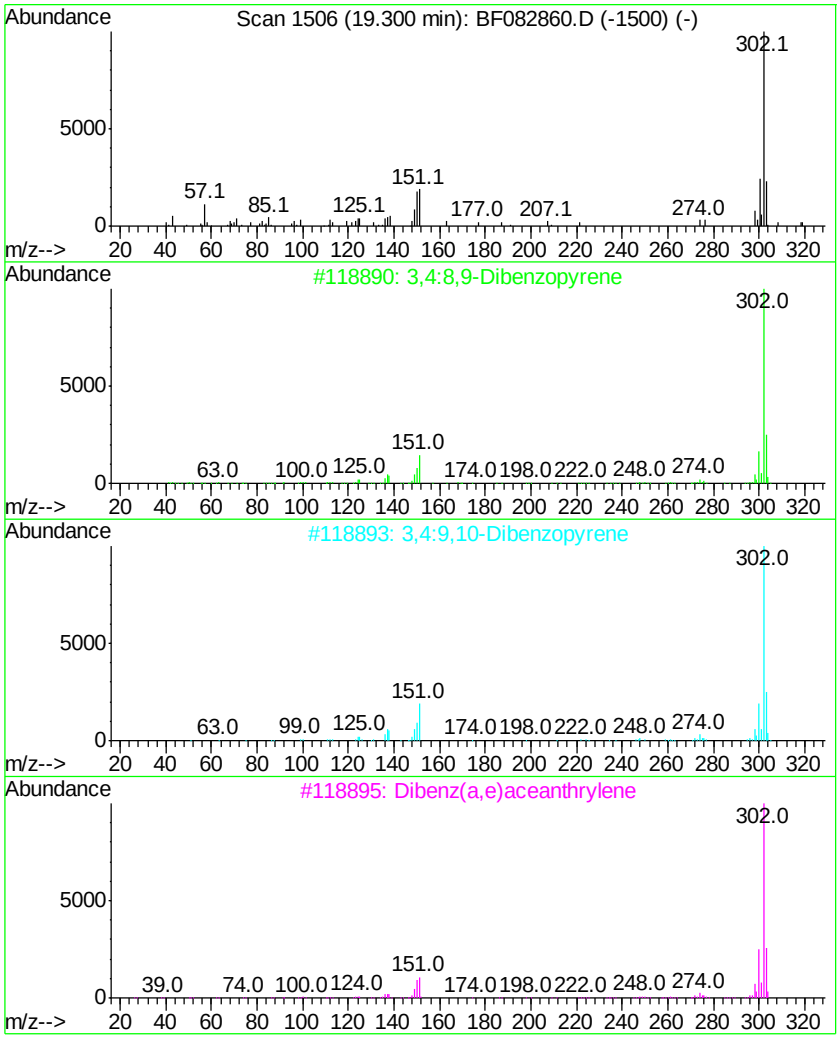
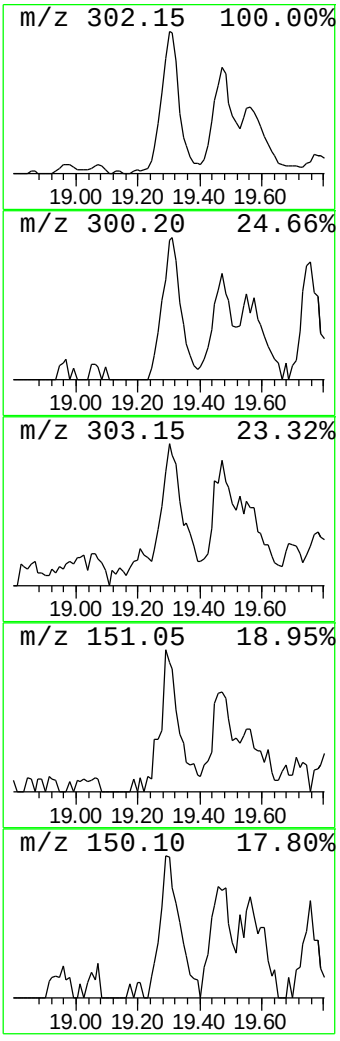
Peak Number 16 3,4:8,9-Dibenzopyrene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.30	2.53 ng	221040	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	90
2	3,4:9,10-Dibenzopyrene	302	C24H14	000189-55-9	90
3	Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	81
4	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	81
5	Dibenzo[fg,op]naphthacene	302	C24H14	000192-51-8	64





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Operator : UM/IZ
Sample : G4275-02
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-10C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.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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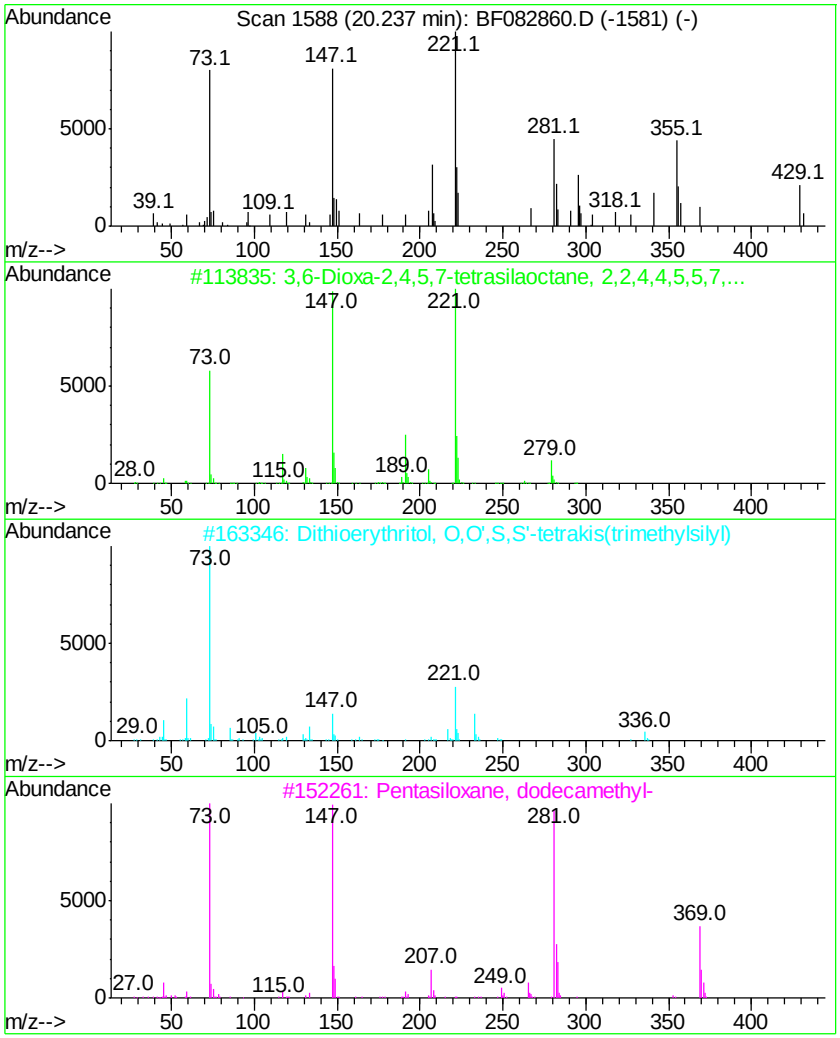
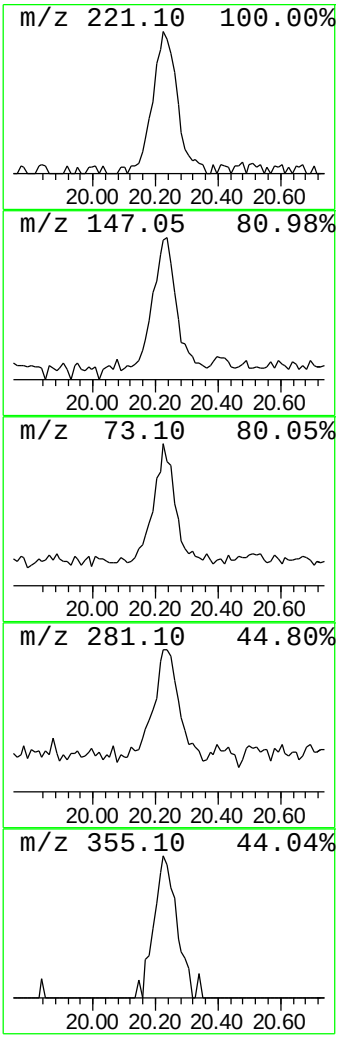
Peak Number 17 unknown20.24 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.24	2.03 ng	177284	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,6-Dioxa-2,4,5,7-tetrasilaoctan...	294	C10H30O2Si4	004342-25-0	32
2	Dithioerythritol, O,O',S,S'-tetr...	442	C16H42O2S2Si4	1000079-30-7	22
3	Pentasiloxane, dodecamethyl-	384	C12H36O4Si5	000141-63-9	22
4	N-Benzyl-N-ethyl-p-isopropylbenz...	281	C19H23NO	015089-22-2	22
5	Trisiloxane, 1,1,1,5,5,5-hexamet...	384	C12H36O4Si5	003555-47-3	22





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Sample : G4275-02
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-10C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.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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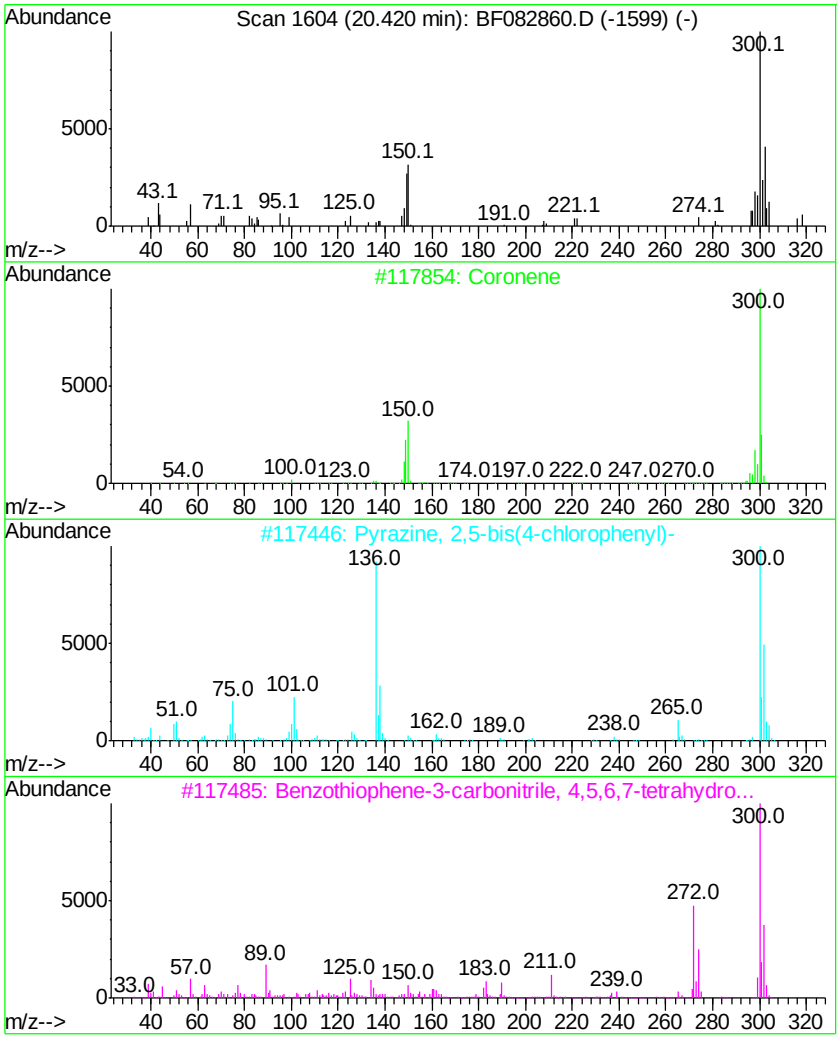
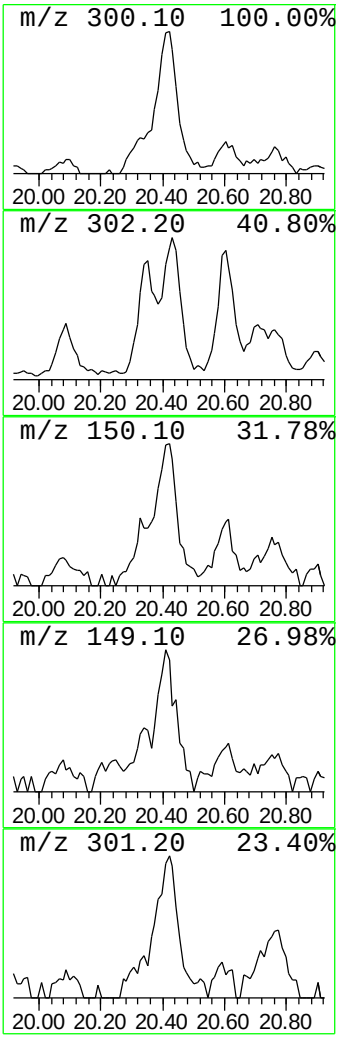
Peak Number 18 Coronene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.42	2.72 ng	236972	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Coronene	300	C24H12	000191-07-1	64
2	Pyrazine, 2,5-bis(4-chlorophenyl)-	300	C16H10Cl2N2	074376-33-3	53
3	Benzothiophene-3-carbonitrile, 4...	300	C16H13ClN2S	069438-07-9	53
4	4-[p-Chlorophenoxy]-6-methoxy-8-...	300	C16H13ClN2O2	063456-90-6	50
5	Retinoic acid	300	C20H28O2	000302-79-4	35





Tentatively Identified Compound (LSC) summary

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Data File : BF082860.D
Acq On : 10 Nov 2015 8:08
Operator : UM/IZ
Sample : G4275-02
Misc :
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Instrument : BNA_F
ClientSampleId : T-10C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.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
2-Pentanone, 4-hy...	4.99	25.9	ng	2014260	1	6.83	1554780	20.0
unknown6.59	6.59	55.8	ng	4333650	1	6.83	1554780	20.0
Tridecanoic acid	11.89	4.3	ng	638709	4	11.34	2962740	20.0
4H-Cyclopenta[def...	11.96	3.7	ng	548381	4	11.34	2962740	20.0
11H-Benzo[b]fluorene	13.12	2.6	ng	564169	5	13.99	4328000	20.0
Benzo[e]pyrene	15.12	2.6	ng	224310	6	15.43	1743920	20.0
unknown15.30	15.30	7.8	ng	684281	6	15.43	1743920	20.0
Cyclononasiloxane...	15.80	2.8	ng	240352	6	15.43	1743920	20.0
unknown16.37	16.37	3.6	ng	315302	6	15.43	1743920	20.0
unknown17.06	17.06	6.4	ng	556005	6	15.43	1743920	20.0
Dibenzo[def,mno]c...	17.41	3.0	ng	264753	6	15.43	1743920	20.0
unknown17.91	17.91	3.8	ng	333083	6	15.43	1743920	20.0
unknown18.93	18.93	3.1	ng	267453	6	15.43	1743920	20.0
3,4:8,9-Dibenzopy...	19.30	2.5	ng	221040	6	15.43	1743920	20.0
unknown20.24	20.24	2.0	ng	177284	6	15.43	1743920	20.0
Coronene	20.42	2.7	ng	236972	6	15.43	1743920	20.0