LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
Data File : BF083444.D
Acq On : 3 Dec 2015 5:21
Operator : UM/IZ
Sample : G4583-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-P3WC-05(0-6)

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-BF113015.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	4.647	257	259	273	rVB	806284	1557354	27.57%	2.481%
2	5.047	292	294	299	rBV	84956	134571	2.38%	0.214%
3	5.127	299	301	317	rVV	4236604	5043252	89.28%	8.035%
4	6.213	393	396	398	rBV	5079345	5480258	97.02%	8.731%
5	6.316	402	405	407	rVV	5371417	5507865	97.51%	8.775%
6	6.362	407	409	413	rVB	67213	94485	1.67%	0.151%
7	6.533	422	424	427	rBV	839709	952052	16.85%	1.517%
8	6.693	436	438	443	rBV	3950541	3949403	69.92%	6.292%
9	7.116	472	475	477	rBV	3220830	3725381	65.95%	5.935%
10	7.253	485	487	492	rVB	63266	82037	1.45%	0.131%
11	7.825	535	537	543	rVB2	1371247	1506870	26.68%	2.401%
12	8.213	569	571	574	rBV	66898	74874	1.33%	0.119%
13	8.545	598	600	606	rBV	40017	62055	1.10%	0.099%
14	8.785	614	621	625	rBV	82022	129080	2.29%	0.206%
15	8.910	629	632	634	rBV	5590107	5648580	100.00%	9.000%
16	9.047	642	644	651	rVB4	36162	119232	2.11%	0.190%
17	9.310	665	667	669	rBV	809026	738022	13.07%	1.176%
18	9.436	674	678	680	rBV	64654	102215	1.81%	0.163%
19	9.528	684	686	688	rBV	117517	129036	2.28%	0.206%
20	9.573	688	690	692	rBV	1373253	1312712	23.24%	2.091%
21	9.779	704	708	710	rBV3	32926	71333	1.26%	0.114%
22	10.030	723	730	731	rBV2	158564	229310	4.06%	0.365%
23	10.110	736	737	741	rVB	49053	63439	1.12%	0.101%
24	10.248	746	749	750	rBV	81030	115719	2.05%	0.184%
25	10.362	756	759	762	rBV	3116037	3142610	55.64%	5.007%
26	10.511	769	772	775	rVB2	124981	238058	4.21%	0.379%
27	10.602	778	780	782	rVB2	66964	86857	1.54%	0.138%
28	10.636	782	783	785	rBV2	42306	65286	1.16%	0.104%
29	10.716	788	790	792	rVV3	40420	79642	1.41%	0.127%
30	10.751	792	793	796	rVV3	46250	88491	1.57%	0.141%
31	11.002	812	815	816	rBV2	70389	97151	1.72%	0.155%
32	11.105	822	824	826	rBV	1064071	1402162	24.82%	2.234%
33	11.139	826	827	829	rVV	441708	329937	5.84%	0.526%
34	11.196	829	832	835	rVB	156011	192253	3.40%	0.306%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
Data File : BF083444.D
Acq On : 3 Dec 2015 5:21
Operator : UM/IZ
Sample : G4583-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-P3WC-05(0-6)

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-BF113015.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.505	857	859	862	rVB	55654	72840	1.29%	0.116%
36	11.711	875	877	879	rBV	90795	109699	1.94%	0.175%
37	11.745	879	880	883	rVB	109504	128453	2.27%	0.205%
38	11.813	883	886	887	rBV	291879	377492	6.68%	0.601%
39	11.848	887	889	891	rVV2	187613	291282	5.16%	0.464%
40	11.882	891	892	897	rVB2	77632	82107	1.45%	0.131%
41	12.099	909	911	912	rBV	72710	92136	1.63%	0.147%
42	12.134	912	914	920	rVB4	53409	115787	2.05%	0.184%
43	12.225	920	922	924	rBV	40774	63314	1.12%	0.101%
44	12.442	937	941	943	rBV2	68755	157946	2.80%	0.252%
45	12.488	943	945	948	rVV3	65104	154660	2.74%	0.246%
46	12.545	948	950	954	rVB3	52374	102976	1.82%	0.164%
47	12.636	955	958	961	rBV	926258	1056879	18.71%	1.684%
48	12.716	962	965	968	rVV3	50995	98552	1.74%	0.157%
49	12.774	968	970	973	rVB	78996	120038	2.13%	0.191%
50	12.842	973	976	977	rBV2	47788	67406	1.19%	0.107%
51	12.888	977	980	982	rBV3	114693	196467	3.48%	0.313%
52	12.945	982	985	988	rVV	1005055	1366054	24.18%	2.176%
53	13.014	988	991	997	rVB6	76336	219701	3.89%	0.350%
54	13.196	1004	1007	1010	rVB	2826507	4228942	74.87%	6.738%
55	13.277	1010	1014	1017	rBV3	58725	108377	1.92%	0.173%
56	13.402	1022	1025	1026	rBV3	41088	76558	1.36%	0.122%
57	13.437	1026	1028	1032	rVB2	107722	179884	3.18%	0.287%
58	13.528	1034	1036	1038	rVB2	62222	71055	1.26%	0.113%
59	13.585	1038	1041	1043	rBV3	82286	169941	3.01%	0.271%
60	13.711	1050	1052	1054	rVB	57730	71254	1.26%	0.114%
61	13.757	1054	1056	1059	rBV	63244	89888	1.59%	0.143%
62	13.928	1068	1071	1074	rBV	91002	147595	2.61%	0.235%
63	14.008	1075	1078	1082	rVV	183241	251747	4.46%	0.401%
64	14.145	1087	1090	1092	rVV	99366	237161	4.20%	0.378%
65	14.202	1092	1095	1098	rVV2	181724	350102	6.20%	0.558%
66	14.259	1098	1100	1103	rVV2	74099	142808	2.53%	0.228%
67	14.339	1104	1107	1109	rVV	81517	147031	2.60%	0.234%
68	14.385	1109	1111	1115	rVV2	82660	223538	3.96%	0.356%
69	14.499	1118	1121	1125	rVB2	171294	332368	5.88%	0.530%
70	14.637	1131	1133	1135	rBV3	154737	288509	5.11%	0.460%
71	14.682	1135	1137	1138	rVV	193243	312465	5.53%	0.498%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
Data File : BF083444.D
Acq On : 3 Dec 2015 5:21
Operator : UM/IZ
Sample : G4583-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-P3WC-05(0-6)

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-BF113015.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.728	1138	1141	1143	rVV2	779424	1681139	29.76%	2.678%
73	14.762	1143	1144	1147	rVV	431111	497092	8.80%	0.792%
74	14.877	1150	1154	1157	rVB4	51209	129222	2.29%	0.206%
75	14.957	1158	1161	1164	rBV3	44877	93485	1.66%	0.149%
76	15.048	1164	1169	1171	rVB3	57168	143311	2.54%	0.228%
77	15.117	1171	1175	1177	rBV4	36759	97685	1.73%	0.156%
78	15.162	1177	1179	1182	rBV	131917	193175	3.42%	0.308%
79	15.231	1182	1185	1188	rVB2	53649	87032	1.54%	0.139%
80	15.334	1192	1194	1196	rBV	59618	96023	1.70%	0.153%
81	15.631	1217	1220	1224	rBV	116280	200494	3.55%	0.319%
82	15.825	1234	1237	1239	rBV	107136	200688	3.55%	0.320%
83	15.871	1239	1241	1244	rVV	186230	303255	5.37%	0.483%
84	15.940	1245	1247	1250	rVB	84694	117975	2.09%	0.188%
85	16.065	1255	1258	1261	rBV4	27166	64607	1.14%	0.103%
86	16.214	1269	1271	1273	rVB	54085	68190	1.21%	0.109%
87	16.282	1274	1277	1279	rBV	366660	707750	12.53%	1.128%
88	16.420	1284	1289	1291	rVB2	77596	170453	3.02%	0.272%
89	16.648	1306	1309	1312	rBV	243617	315446	5.58%	0.503%
90	16.717	1312	1315	1318	rVV	319009	426110	7.54%	0.679%
91	16.797	1319	1322	1330	rVB	611058	986388	17.46%	1.572%
92	17.368	1369	1372	1374	rBV2	31788	67396	1.19%	0.107%
93	17.906	1417	1419	1426	rVB6	36262	101342	1.79%	0.161%
94	18.031	1427	1430	1437	rVB4	42992	121699	2.15%	0.194%
95	18.168	1439	1442	1447	rVB2	155280	309391	5.48%	0.493%
96	18.374	1458	1460	1465	rVB4	29430	80558	1.43%	0.128%
97	18.546	1472	1475	1480	rVB	133987	280457	4.97%	0.447%
98	18.740	1488	1492	1495	rBV2	22645	75553	1.34%	0.120%
99	20.443	1637	1641	1650	rVB5	39972	142635	2.53%	0.227%
100	21.403	1718	1725	1732	rVB5	29004	151623	2.68%	0.242%

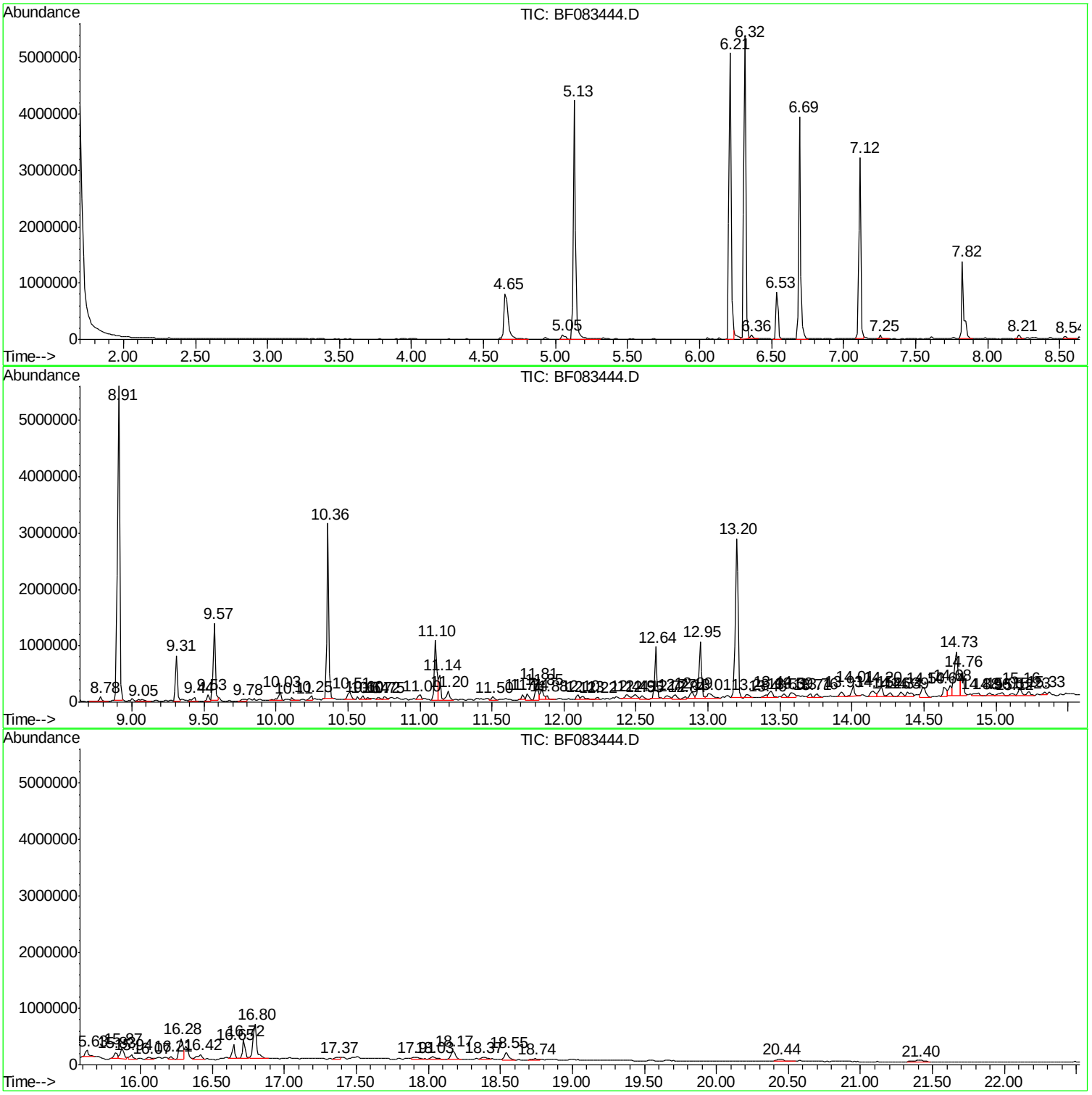
Sum of corrected areas: 62764768

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
Data File : BF083444.D
Acq On : 3 Dec 2015 5:21
Operator : UM/IZ
Sample : G4583-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-05(0-6)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.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\BF120215\
Data File : BF083444.D
Acq On : 3 Dec 2015 5:21
Operator : UM/IZ
Sample : G4583-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-P3WC-05(0-6)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

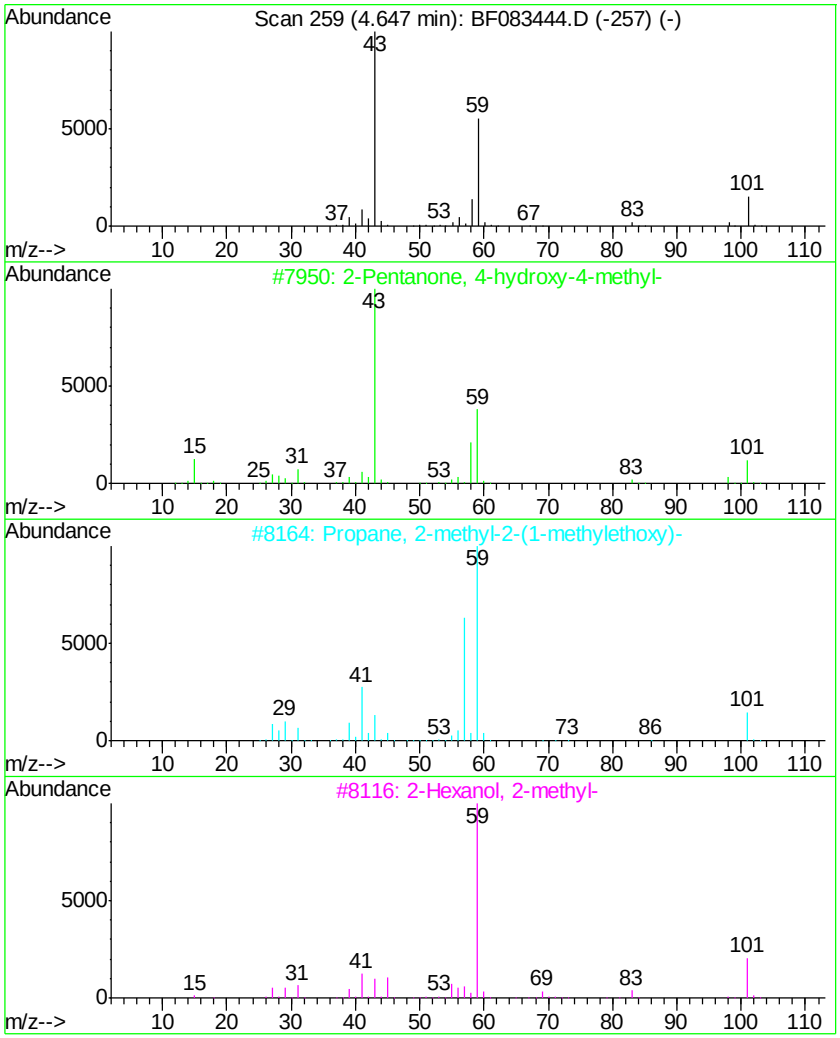
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

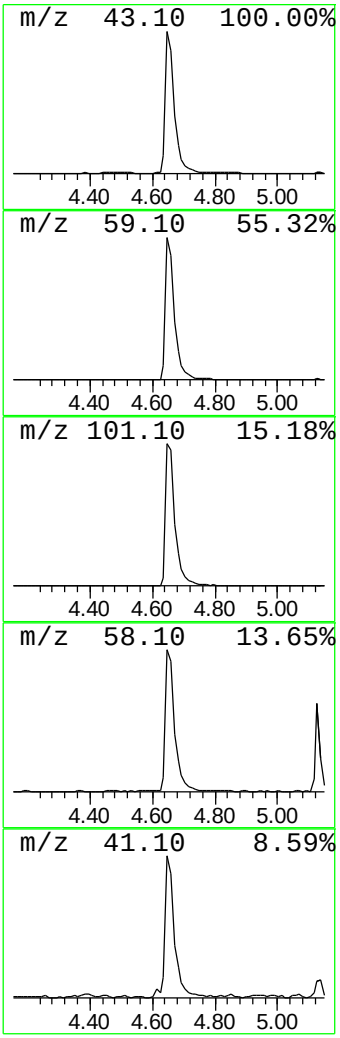
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.65	32.72 ng	1557350	1,4-Dichlorobenzene-d4	6.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27





Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
Data File : BF083444.D
Acq On : 3 Dec 2015 5:21
Operator : UM/IZ
Sample : G4583-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-P3WC-05(0-6)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

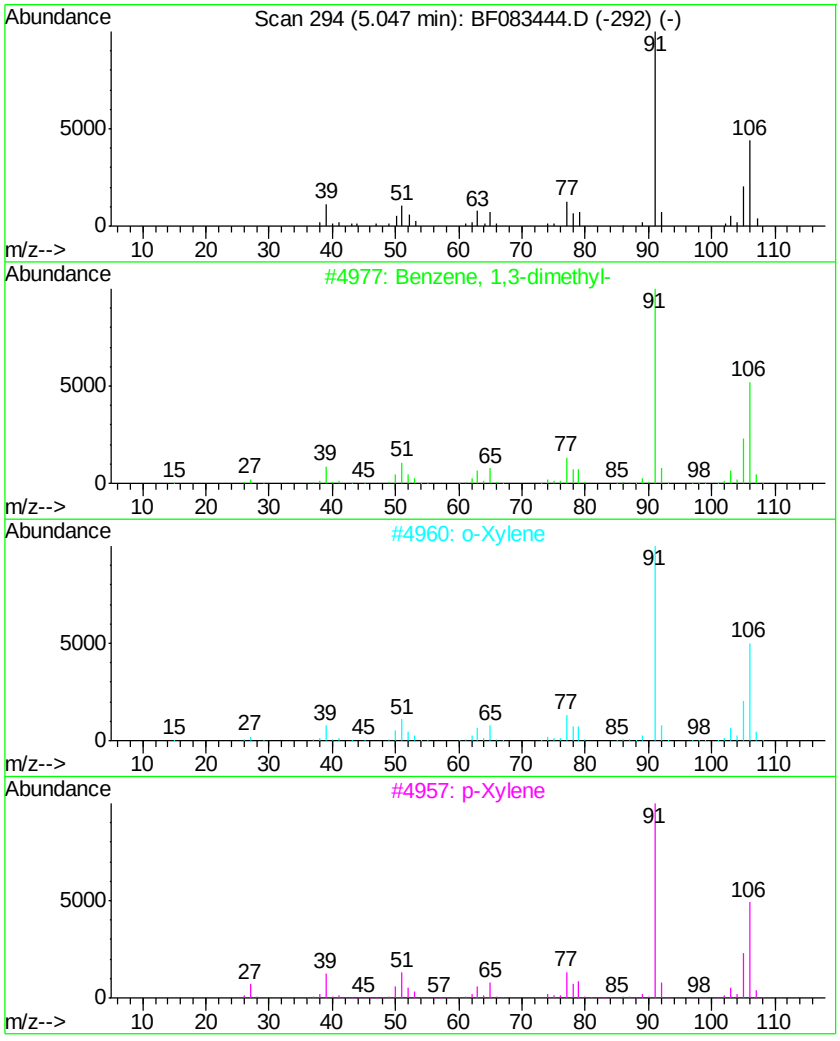
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

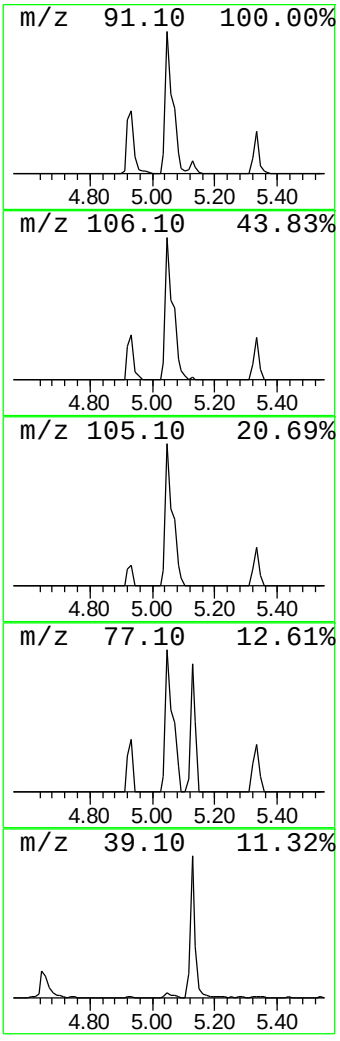
****

Peak Number 2 Benzene, 1,3-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.05	2.83 ng	134571	1,4-Dichlorobenzene-d4	6.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	95
2	o-Xylene	106	C8H10	000095-47-6	95
3	p-Xylene	106	C8H10	000106-42-3	95
4	Ethylbenzene	106	C8H10	000100-41-4	81
5	Cyclopentene, 1-ethenyl-3-methyl...	106	C8H10	061142-07-2	80





Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
Data File : BF083444.D
Acq On : 3 Dec 2015 5:21
Operator : UM/IZ
Sample : G4583-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-P3WC-05(0-6)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

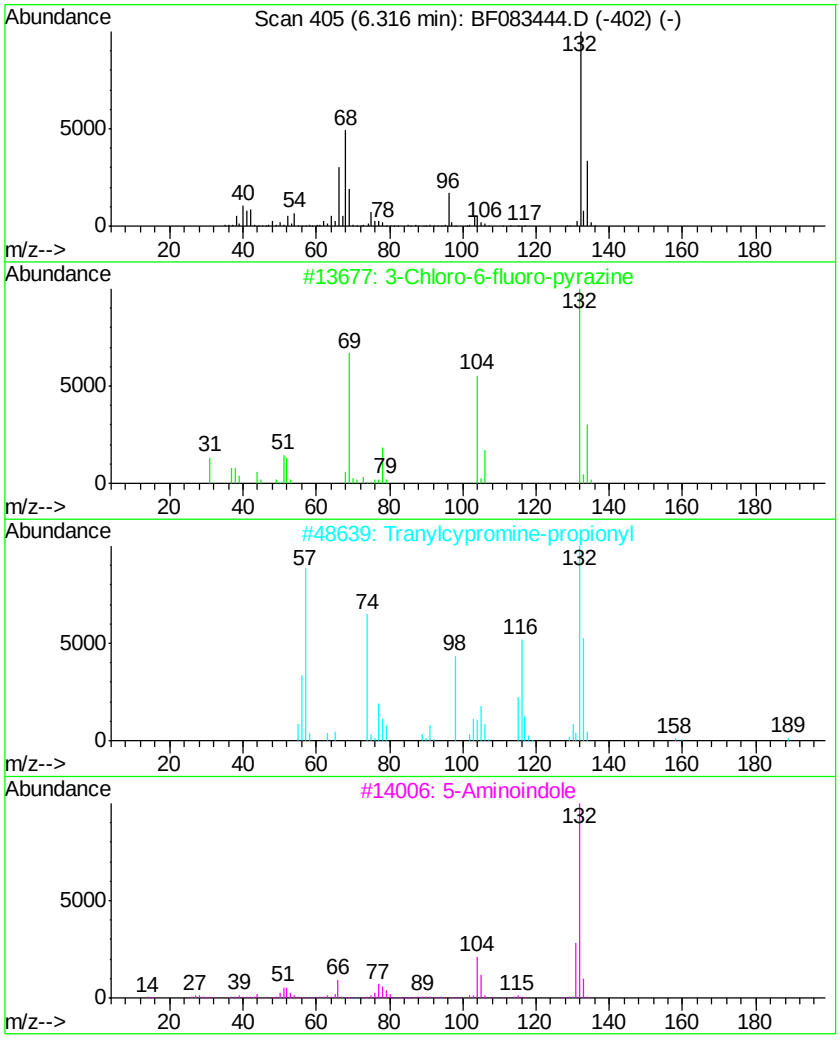
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

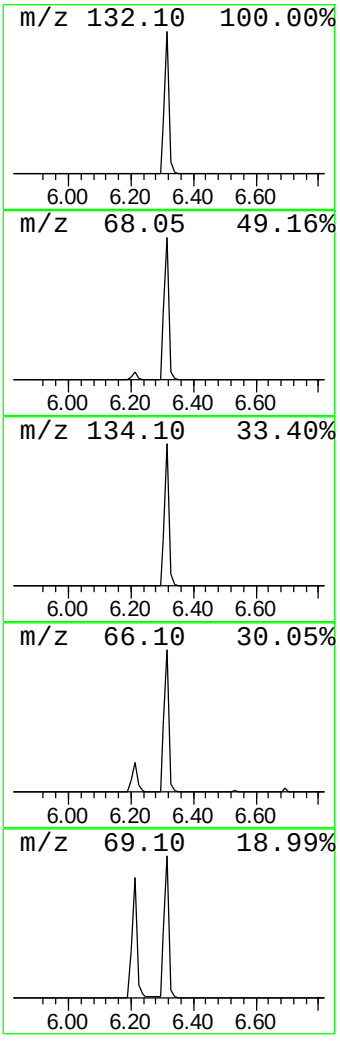
****

Peak Number 3 unknown6.32 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.32	115.71 ng	5507870	1,4-Dichlorobenzene-d4	6.53

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	5-Aminoindole	132	C8H8N2	005192-03-0	9
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5	Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
Data File : BF083444.D
Acq On : 3 Dec 2015 5:21
Operator : UM/IZ
Sample : G4583-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-P3WC-05(0-6)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

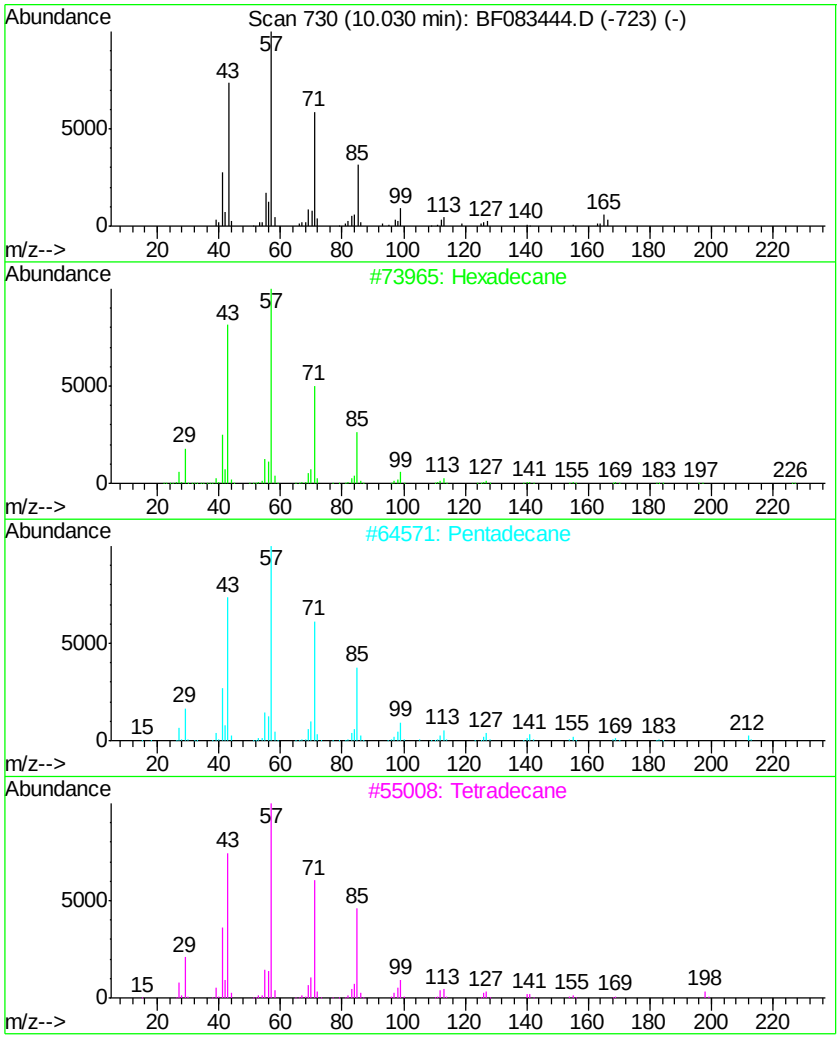
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

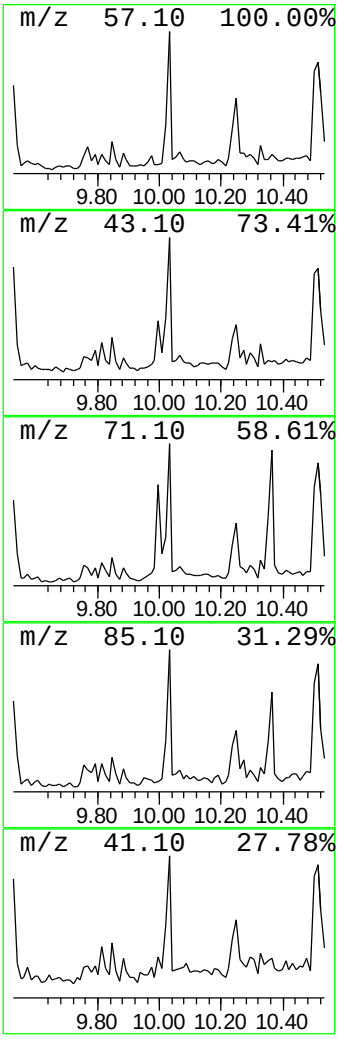
****

Peak Number 5 Hexadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.03	3.49 ng	229310	Acenaphthene-d10	9.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Pentadecane	212	C15H32	000629-62-9	90
3	Tetradecane	198	C14H30	000629-59-4	86
4	Eicosane	282	C20H42	000112-95-8	74
5	Nonane, 5-butyl-	184	C13H28	017312-63-9	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
Data File : BF083444.D
Acq On : 3 Dec 2015 5:21
Operator : UM/IZ
Sample : G4583-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-P3WC-05(0-6)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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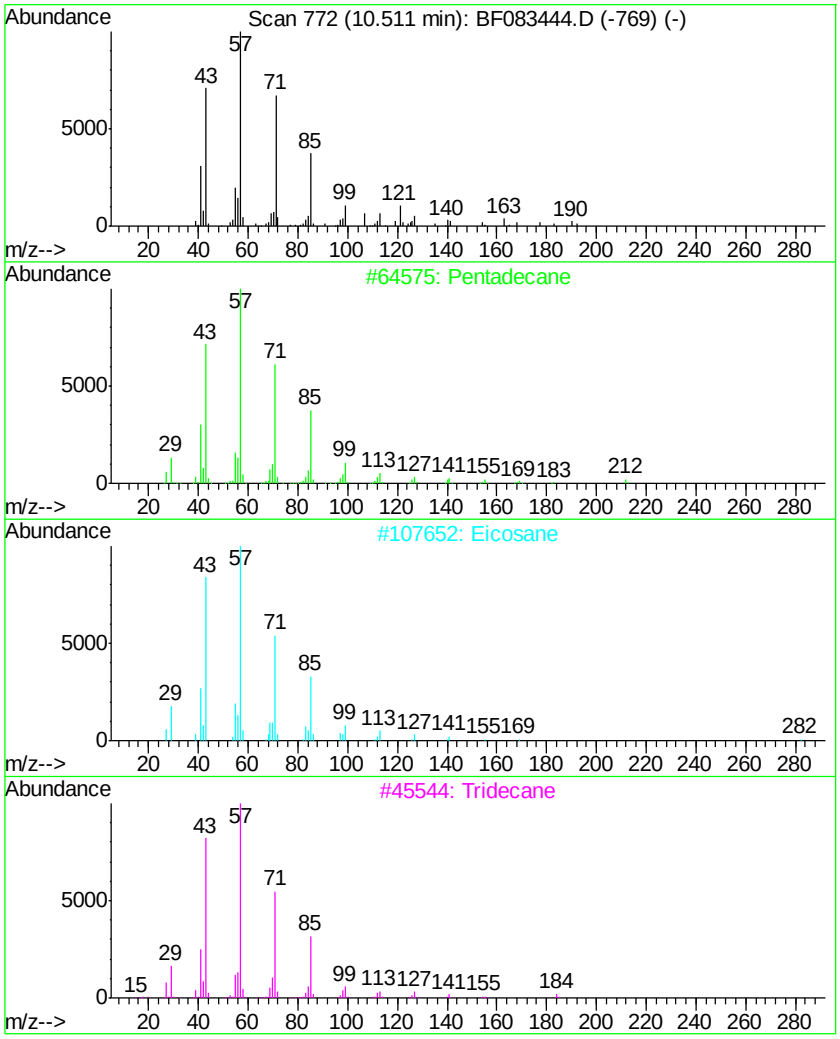
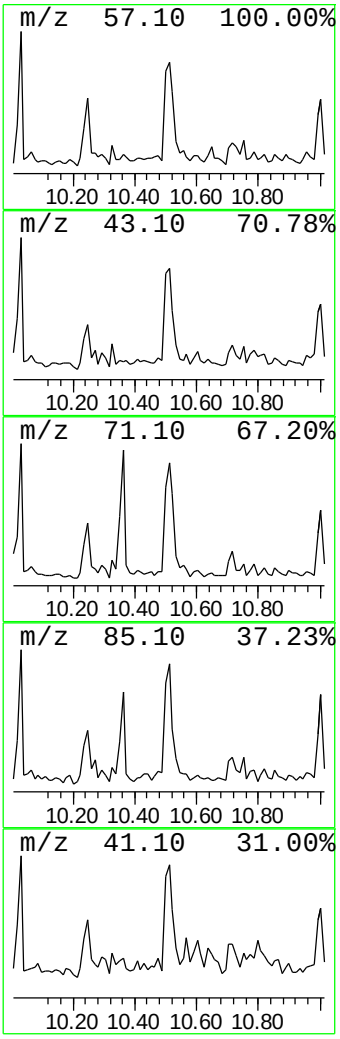
Peak Number 6 Pentadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.51	3.40 ng	238058	Phenanthrene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	72
2	Eicosane	282	C20H42	000112-95-8	72
3	Tridecane	184	C13H28	000629-50-5	72
4	Hexadecane	226	C16H34	000544-76-3	72
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
Data File : BF083444.D
Acq On : 3 Dec 2015 5:21
Operator : UM/IZ
Sample : G4583-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-P3WC-05(0-6)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.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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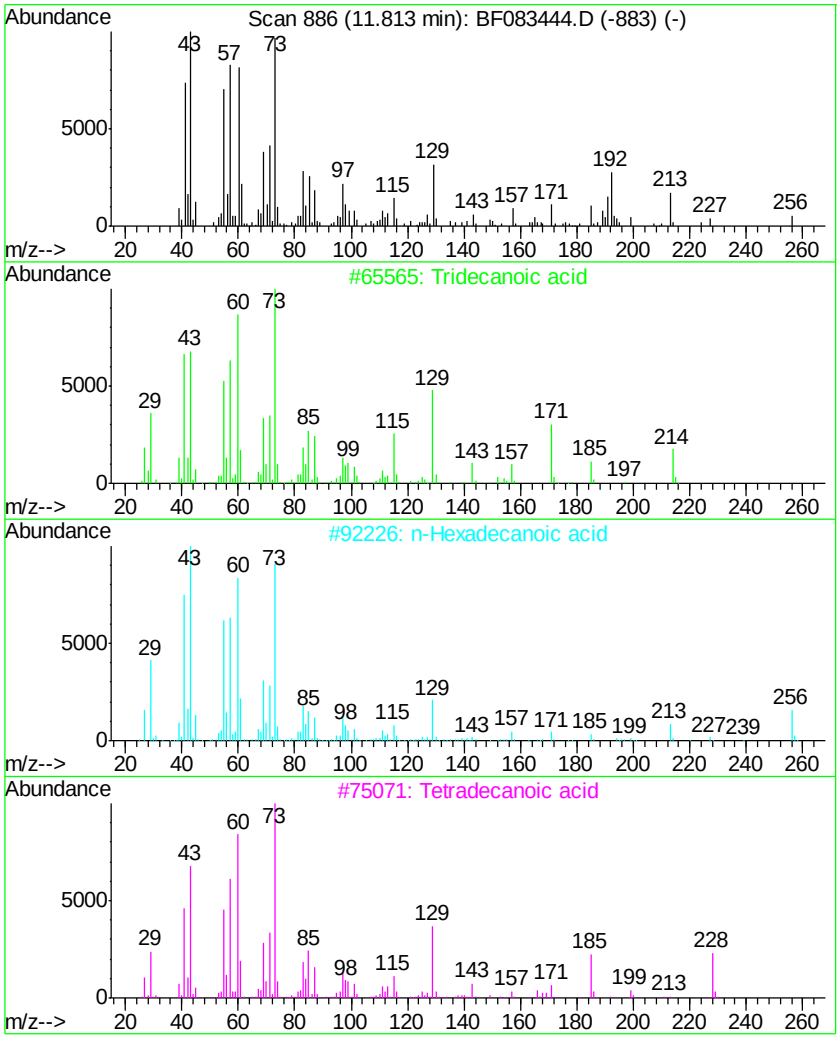
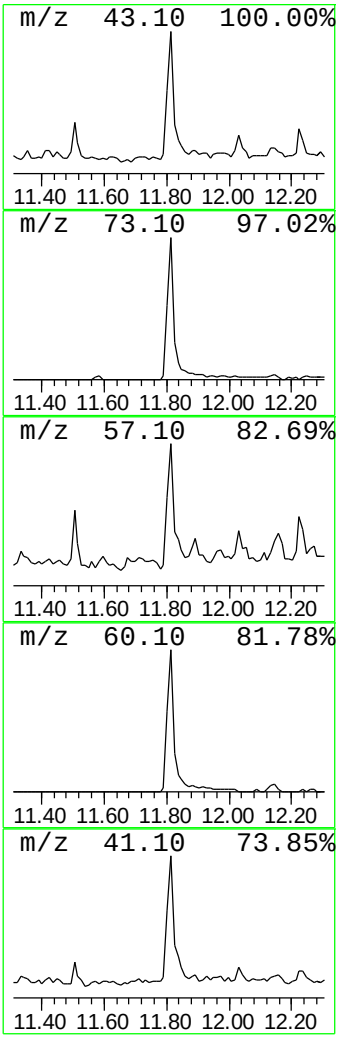
Peak Number 7 Tridecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.81	5.38 ng	377492	Phenanthrene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	93
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	72
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
4	Amyl Nitrite	117	C5H11NO2	000110-46-3	35
5	Tetratetracontane	619	C44H90	007098-22-8	11





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Acq On : 3 Dec 2015 5:21
Operator : UM/IZ
Sample : G4583-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-P3WC-05(0-6)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.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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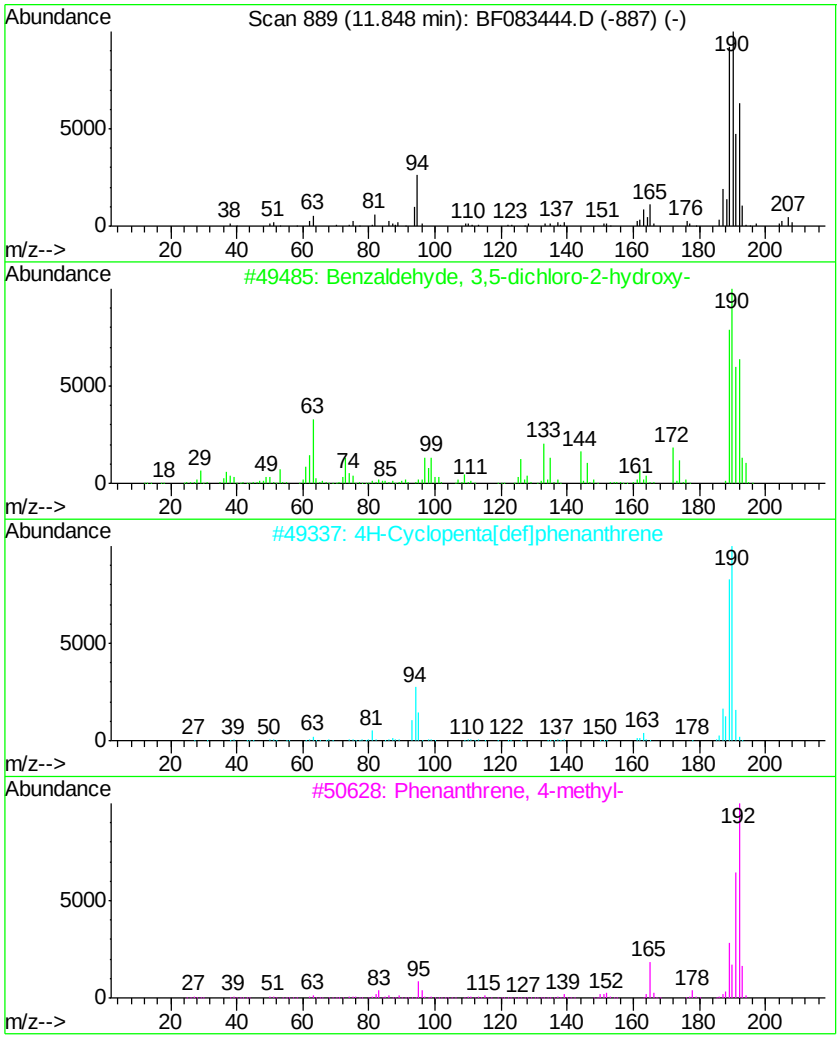
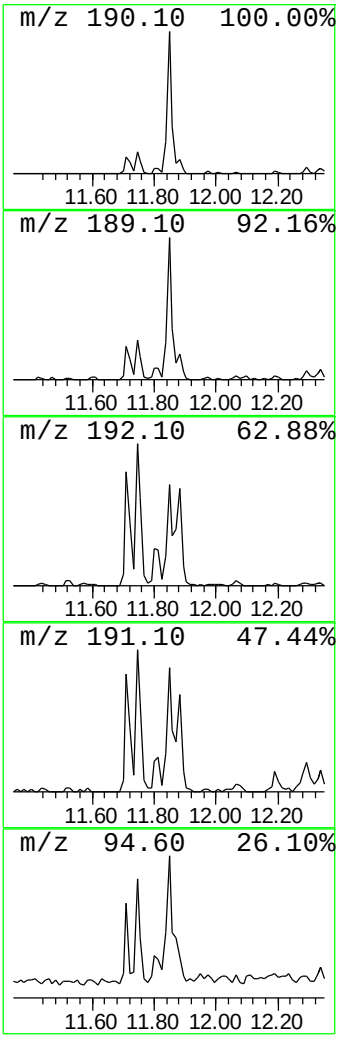
Peak Number 8 Benzaldehyde, 3,5-dichloro-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	4.15 ng	291282	Phenanthrene-d10	11.10

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	70
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	25
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	25
5	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	22





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Acq On : 3 Dec 2015 5:21
Operator : UM/IZ
Sample : G4583-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-P3WC-05(0-6)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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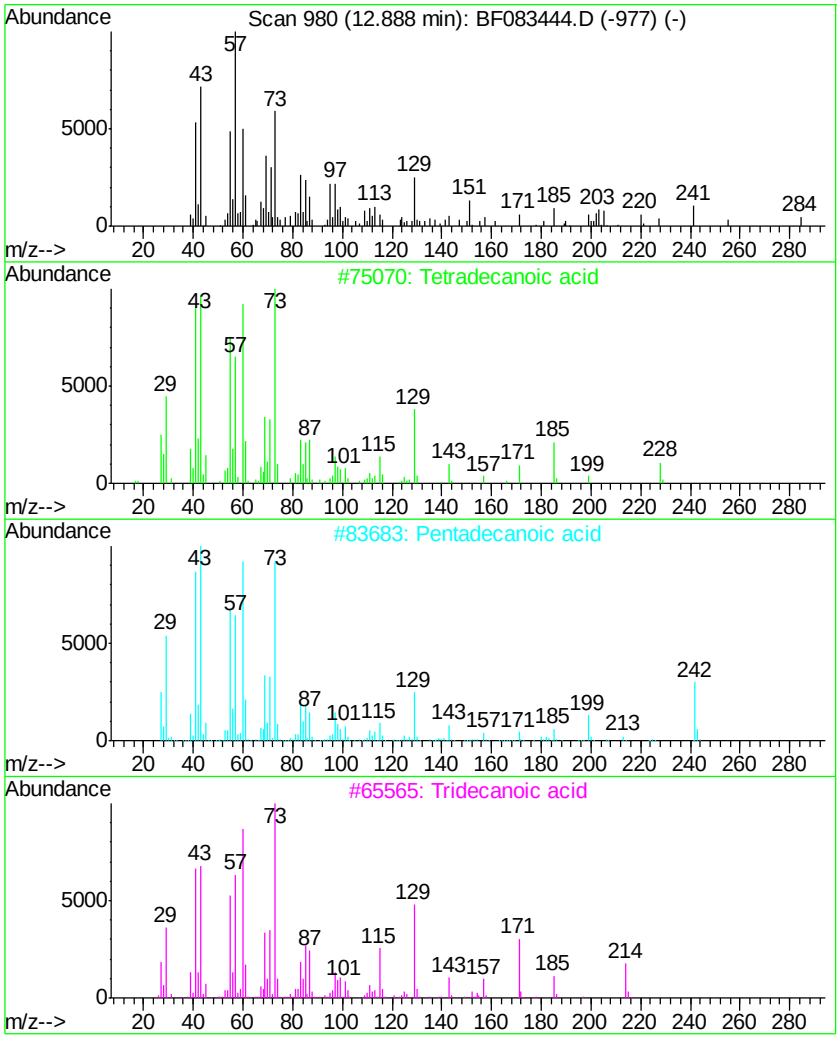
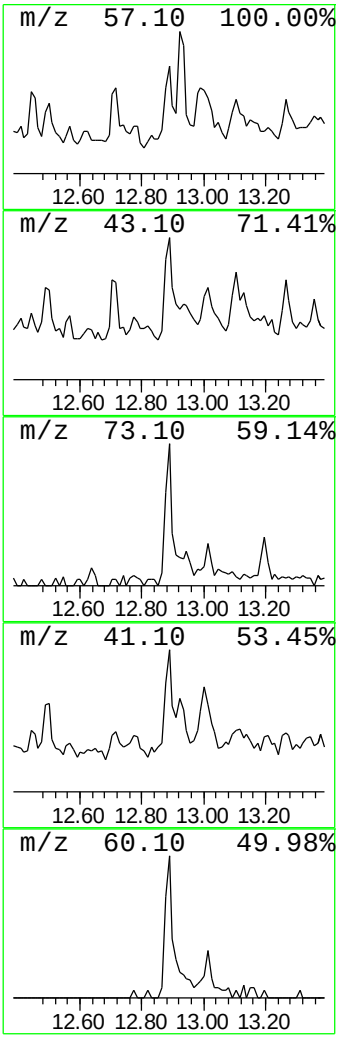
Peak Number 9 unknown12.89 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.89	2.80 ng	196467	Phenanthrene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	38
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	35
3	Tridecanoic acid	214	C13H26O2	000638-53-9	32
4	.alpha.-D-Glucopyranose, 4-O-.be...	342	C12H22O11	014641-93-1	16
5	Dodecanoic acid	200	C12H24O2	000143-07-7	16





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Data File : BF083444.D
Acq On : 3 Dec 2015 5:21
Operator : UM/IZ
Sample : G4583-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-P3WC-05(0-6)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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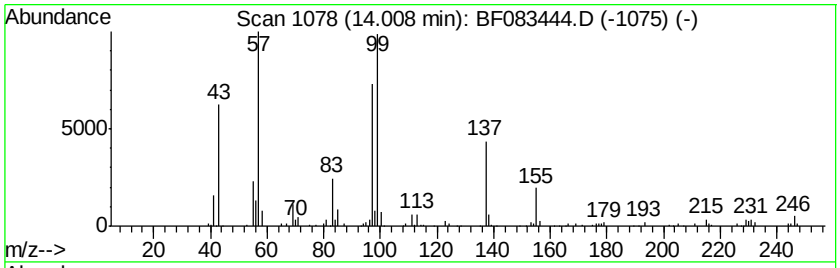
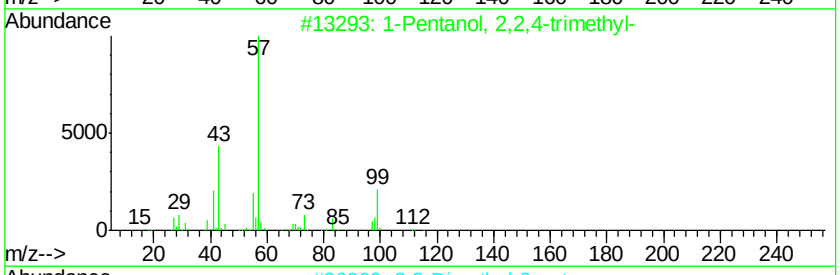
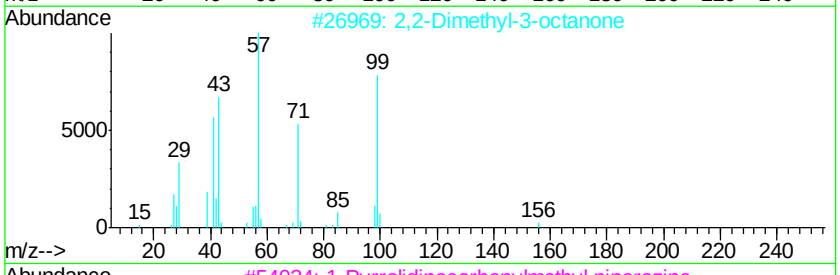
Peak Number 10 unknown14.01 Concentration Rank 16

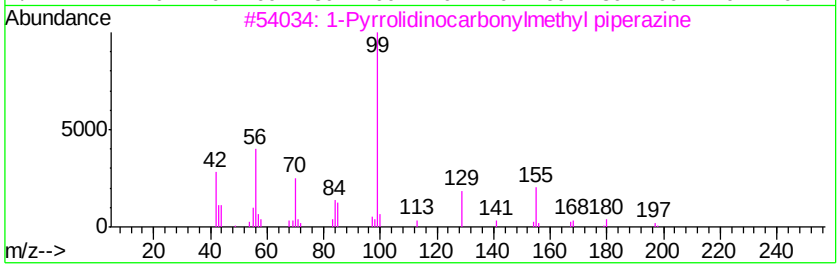
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.01	2.99 ng	251747	Chrysene-d12	14.73

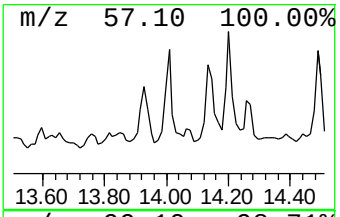
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentanol, 2,2,4-trimethyl-	130	C8H18O	000123-44-4	38
2	2,2-Dimethyl-3-octanone	156	C10H20O	005340-64-7	38
3	1-Pyrrolidinocarbonylmethyl pipe...	197	C10H19N3O	039890-45-4	25
4	3-Methyl-3-heptyl methylphosphon...	210	C9H20FO2P	1000216-70-3	25
5	4H-Imidazol-4-one, 2-amino-1,5-d...	99	C3H5N3O	000503-86-6	22

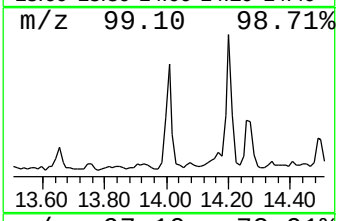


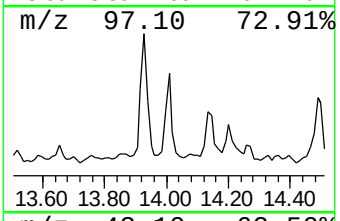


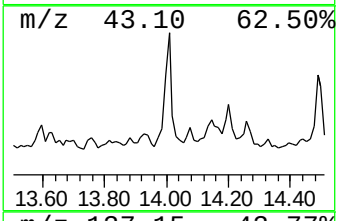


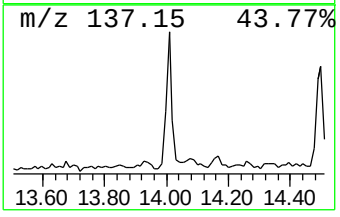












Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
Data File : BF083444.D
Acq On : 3 Dec 2015 5:21
Operator : UM/IZ
Sample : G4583-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-P3WC-05(0-6)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.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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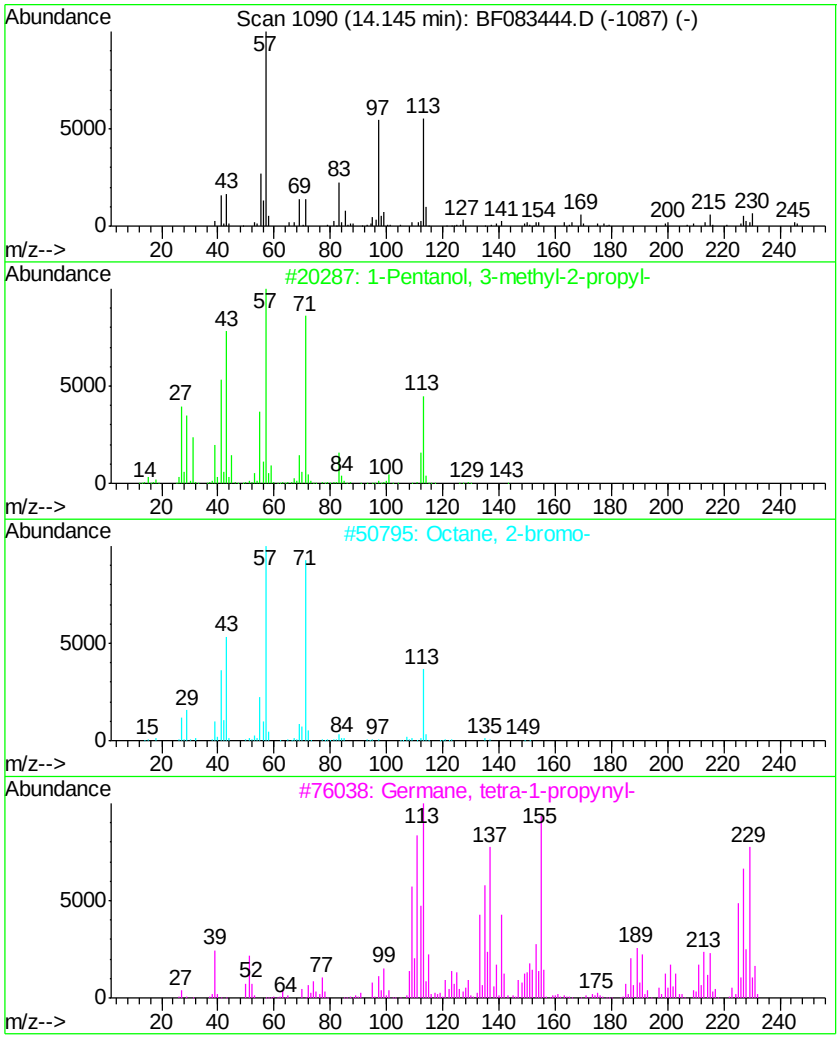
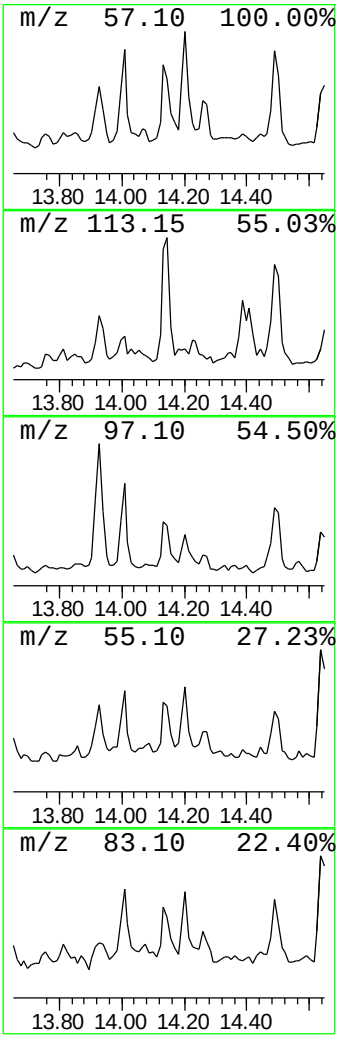
Peak Number 11 unknown14.15 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.15	2.82 ng	237161	Chrysene-d12	14.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentanol, 3-methyl-2-propyl-	144	C9H20O	054004-40-9	47
2	Octane, 2-bromo-	192	C8H17Br	000557-35-7	38
3	Germane, tetra-1-propynyl-	230	C12H12Ge	020143-28-6	18
4	1-Aziridinedecanoic acid, 2,2-di...	283	C16H29NO3	056817-99-3	14
5	Cyclopentanecarboxylic acid, 3-t...	310	C20H38O2	1000280-58-8	12





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Sample : G4583-05
Misc :
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ClientSampleId : SB-P3WC-05(0-6)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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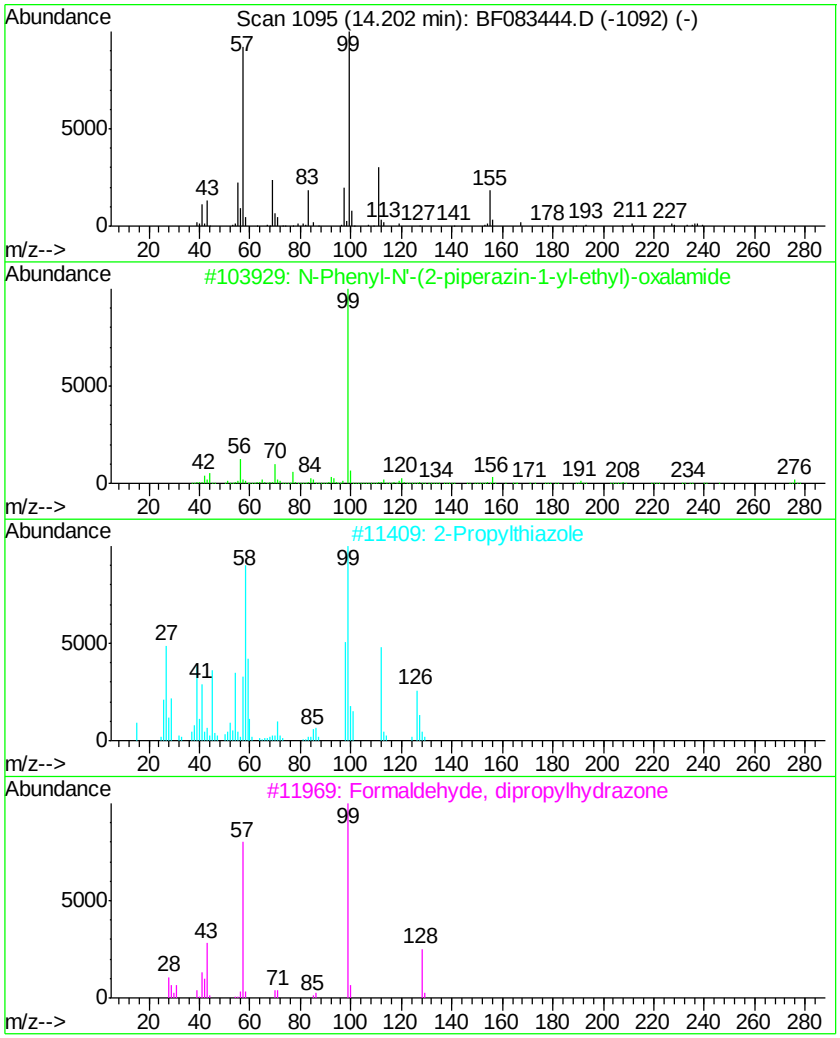
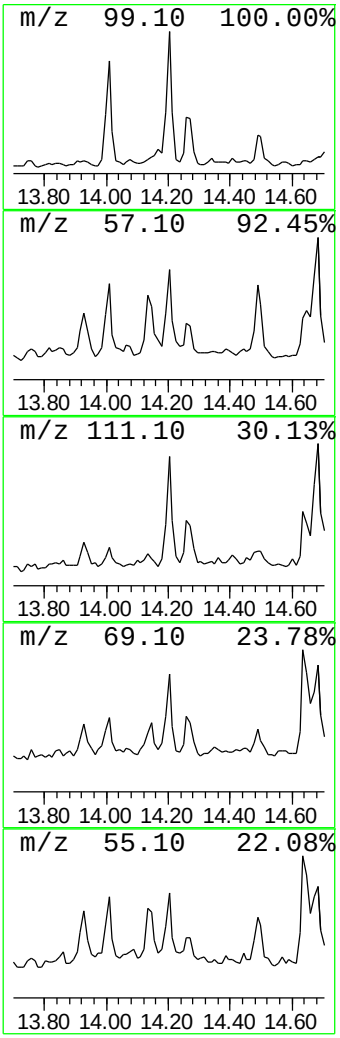
Peak Number 12 unknown14.20 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.20	4.17 ng	350102	Chrysene-d12	14.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-Phenyl-N'-(2-piperazin-1-yl-et...	276	C14H20N4O2	332404-00-9	38
2	2-Propylthiazole	127	C6H9NS	017626-75-4	38
3	Formaldehyde, dipropylhydrazone	128	C7H16N2	054253-56-4	38
4	2,2-Dimethyl-3-octanone	156	C10H20O	005340-64-7	33
5	N-(3-Chloro-2-methyl-phenyl)-N'-...	324	C15H21ClN4O2	1000294-79-6	32





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Operator : UM/IZ
Sample : G4583-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-P3WC-05(0-6)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.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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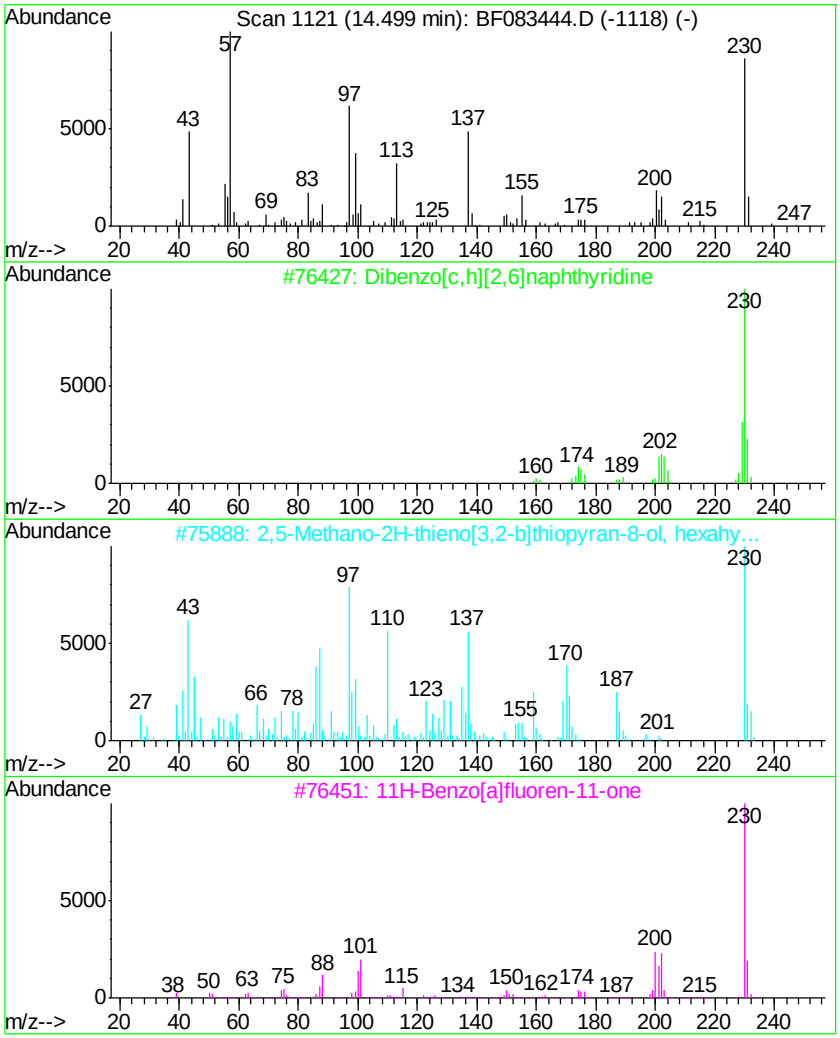
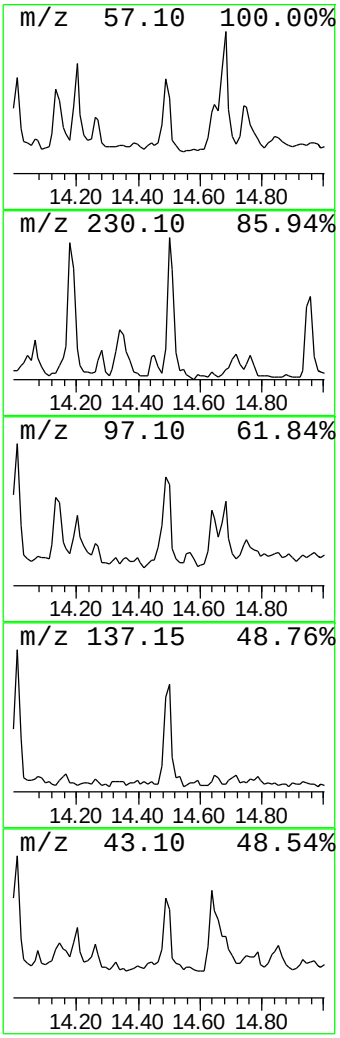
Peak Number 13 Dibenzo[c,h][2,6]naphthyridine Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.50	3.95 ng	332368	Chrysene-d12	14.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo[c,h][2,6]naphthyridine	230	C16H10N2	000218-30-4	78
2	2,5-Methano-2H-thieno[3,2-b]thio...	230	C10H14O2S2	035636-01-2	53
3	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	46
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	38
5	(E)-.alpha.,.alpha.'-Dicyanostil...	230	C16H10N2	002450-55-7	38





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Acq On : 3 Dec 2015 5:21
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Sample : G4583-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-P3WC-05(0-6)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.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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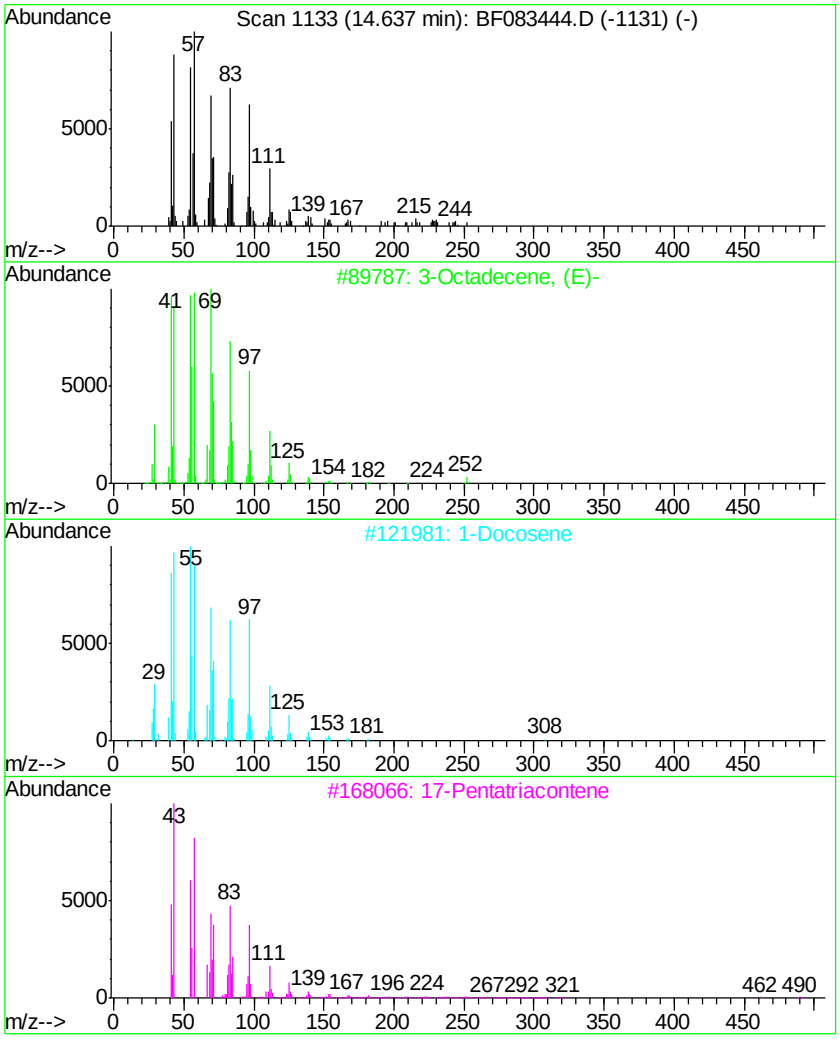
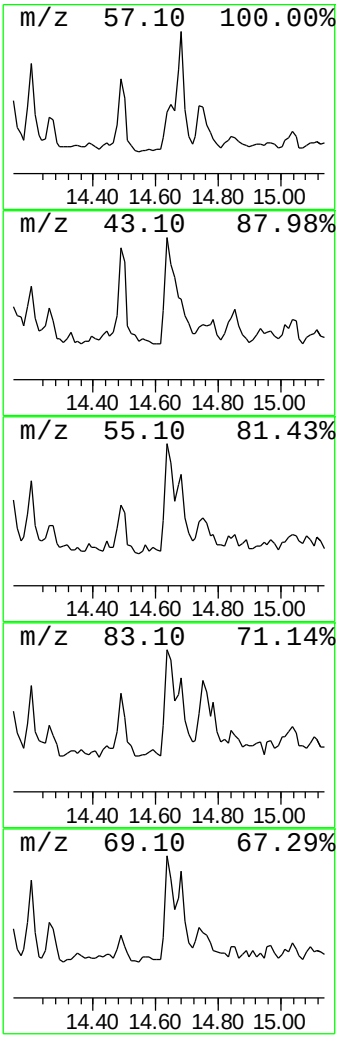
Peak Number 14 3-Octadecene, (E)- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	3.43 ng	288509	Chrysene-d12	14.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octadecene, (E)-	252	C18H36	007206-19-1	92
2	1-Docosene	308	C22H44	001599-67-3	90
3	17-Pentatriacontene	491	C35H70	006971-40-0	87
4	3-Eicosene, (E)-	280	C20H40	074685-33-9	87
5	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	80





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Acq On : 3 Dec 2015 5:21
Operator : UM/IZ
Sample : G4583-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-P3WC-05(0-6)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
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TIC Library : C:\DATABASE\NIST02.L
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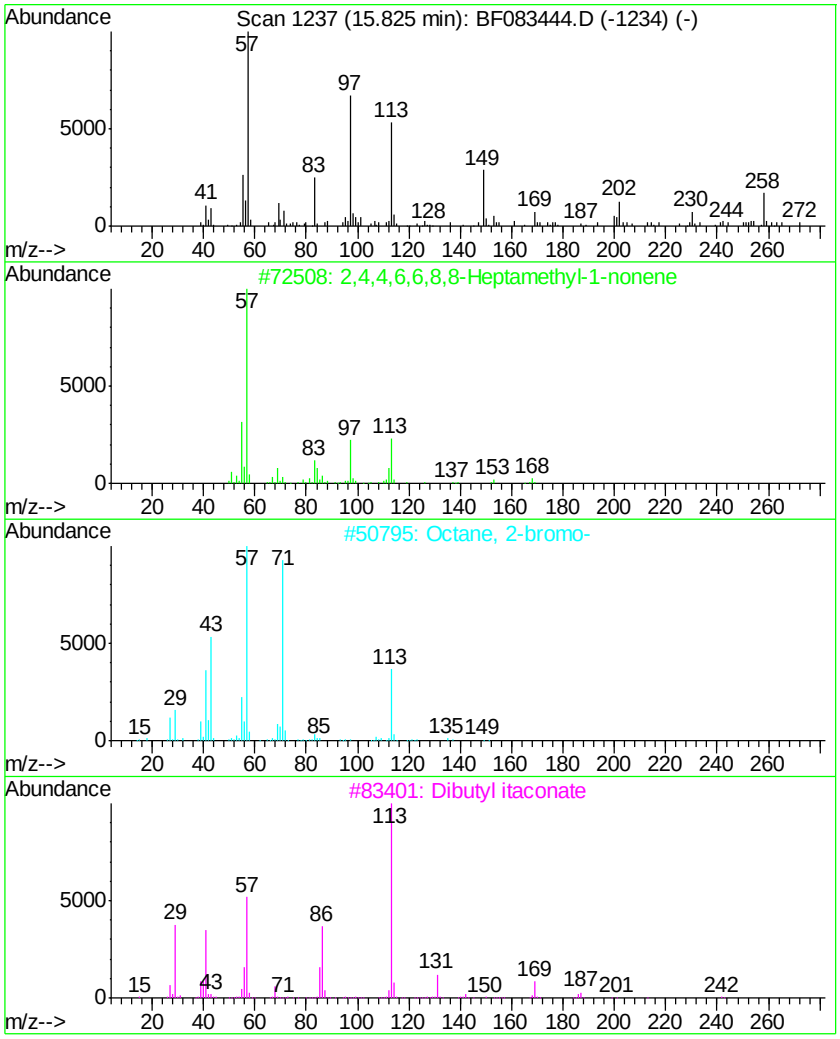
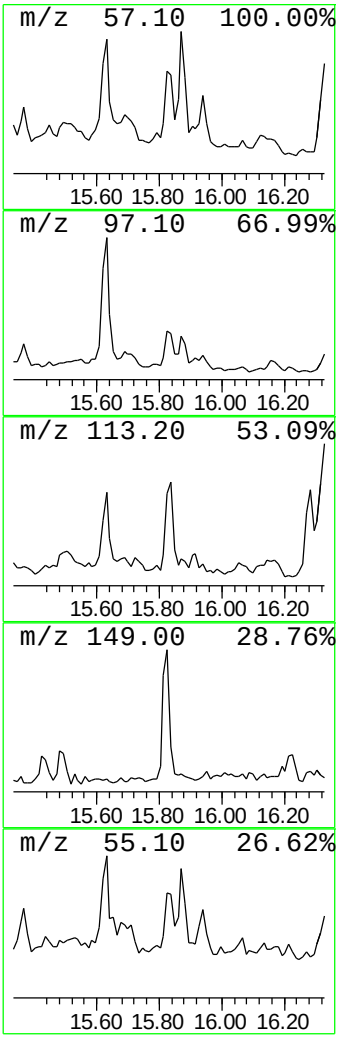
Peak Number 15 unknown15.83 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.83	4.07 ng	200688	Perylene-d12	16.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,4,6,6,8,8-Heptamethyl-1-nonene	224	C16H32	015796-04-0	38
2	Octane, 2-bromo-	192	C8H17Br	000557-35-7	27
3	Dibutyl itaconate	242	C13H22O4	002155-60-4	12
4	2,4,4,6-Tetramethyl-6-phenyl-2-h...	230	C17H26	1000293-27-8	11
5	Bicyclo[3.2.1]oct-2-ene, 3-chloro-	142	C8H11Cl	035242-17-2	11





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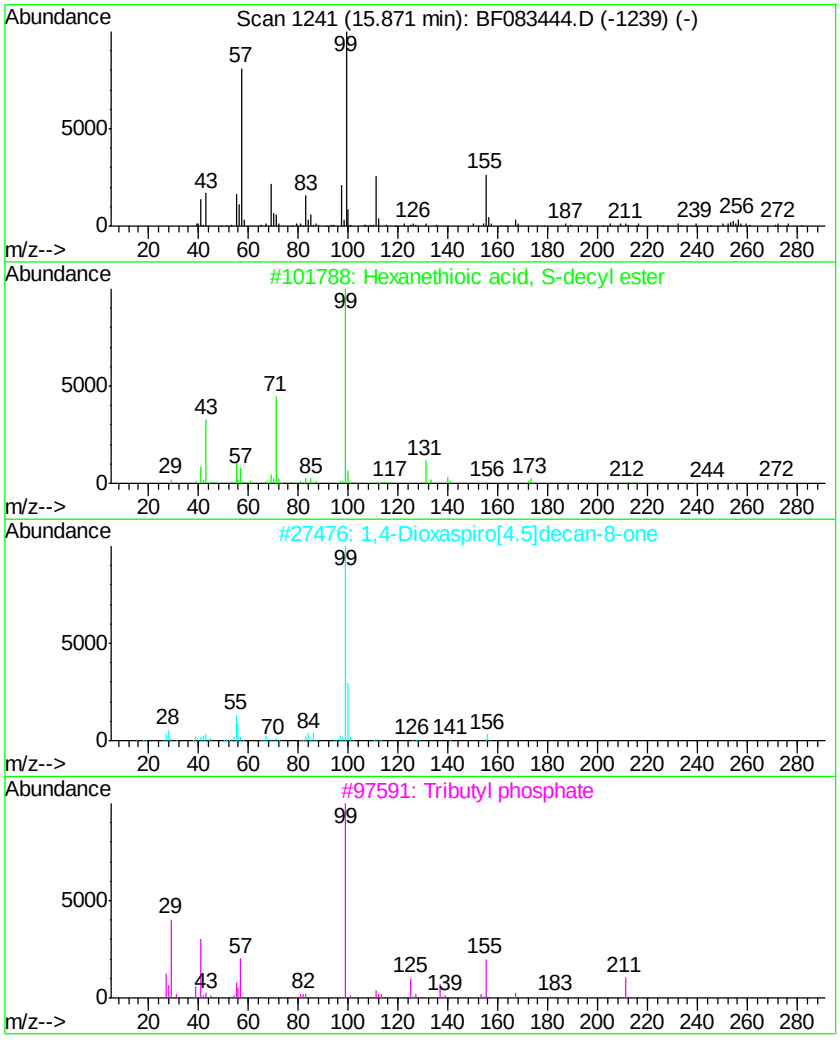
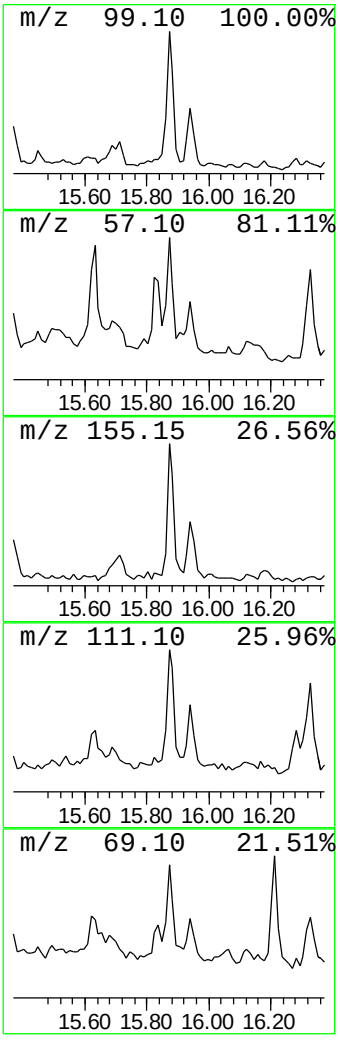
Peak Number 16 unknown15.87 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.87	6.15 ng	303255	Perylene-d12	16.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanethioic acid, S-decyl ester	272	C16H32OS	002432-81-7	38
2	1,4-Dioxaspiro[4.5]decan-8-one	156	C8H12O3	004746-97-8	38
3	Tributyl phosphate	266	C12H27O4P	000126-73-8	38
4	N-Phenyl-N'-(2-piperazin-1-yl-et...	276	C14H20N4O2	332404-00-9	38
5	2-Propylthiazole	127	C6H9NS	017626-75-4	35





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

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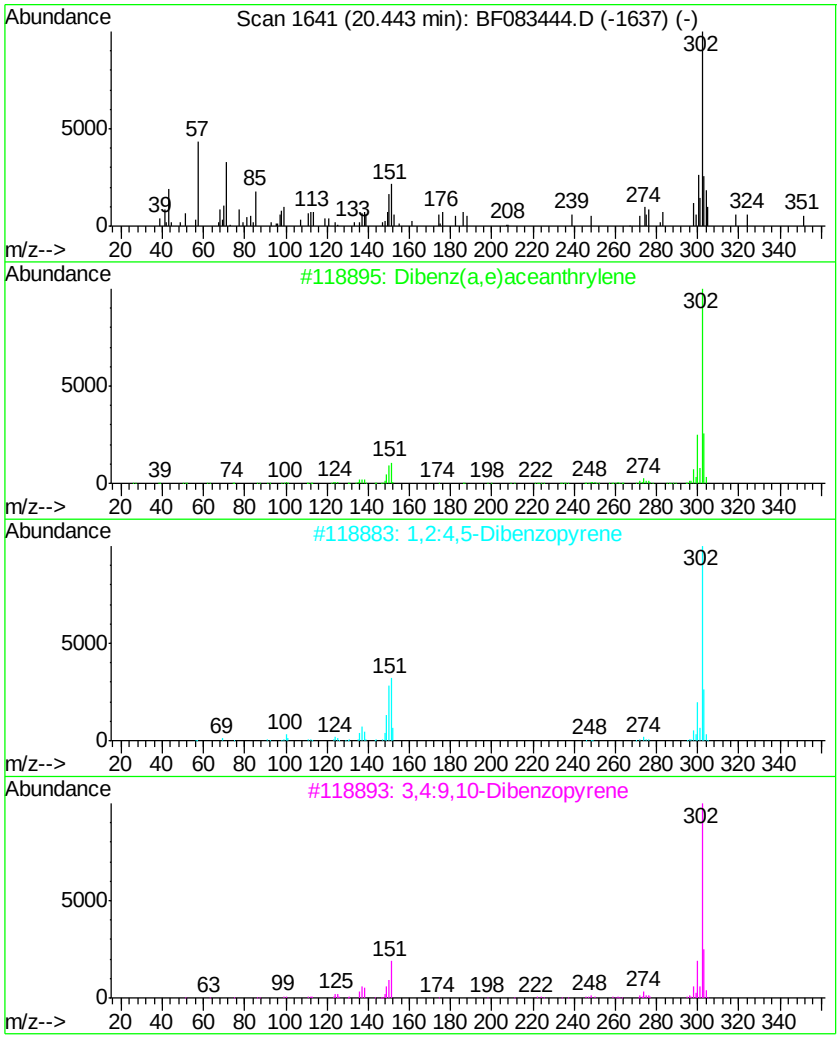
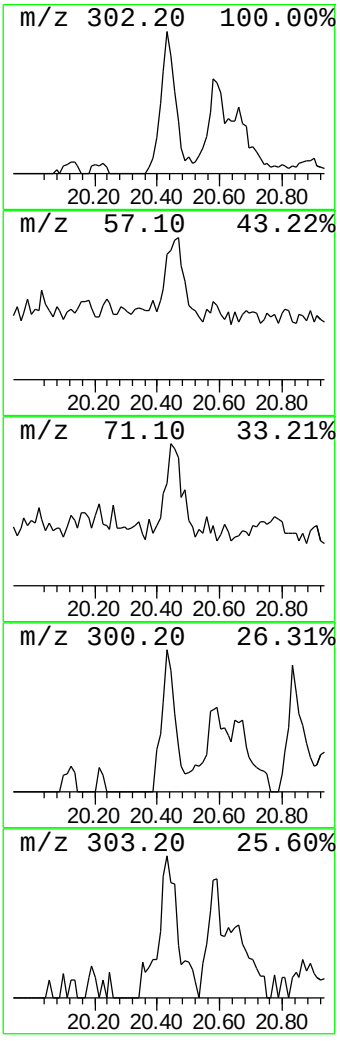
Peak Number 19 Dibenz(a,e)aceanthrylene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.44	2.89 ng	142635	Perylene-d12	16.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	92
2	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	70
3	3,4:9,10-Dibenzopyrene	302	C24H14	000189-55-9	62
4	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	62
5	Dibenzo[fg,op]naphthacene	302	C24H14	000192-51-8	52





Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
Data File : BF083444.D
Acq On : 3 Dec 2015 5:21
Operator : UM/IZ
Sample : G4583-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-P3WC-05(0-6)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

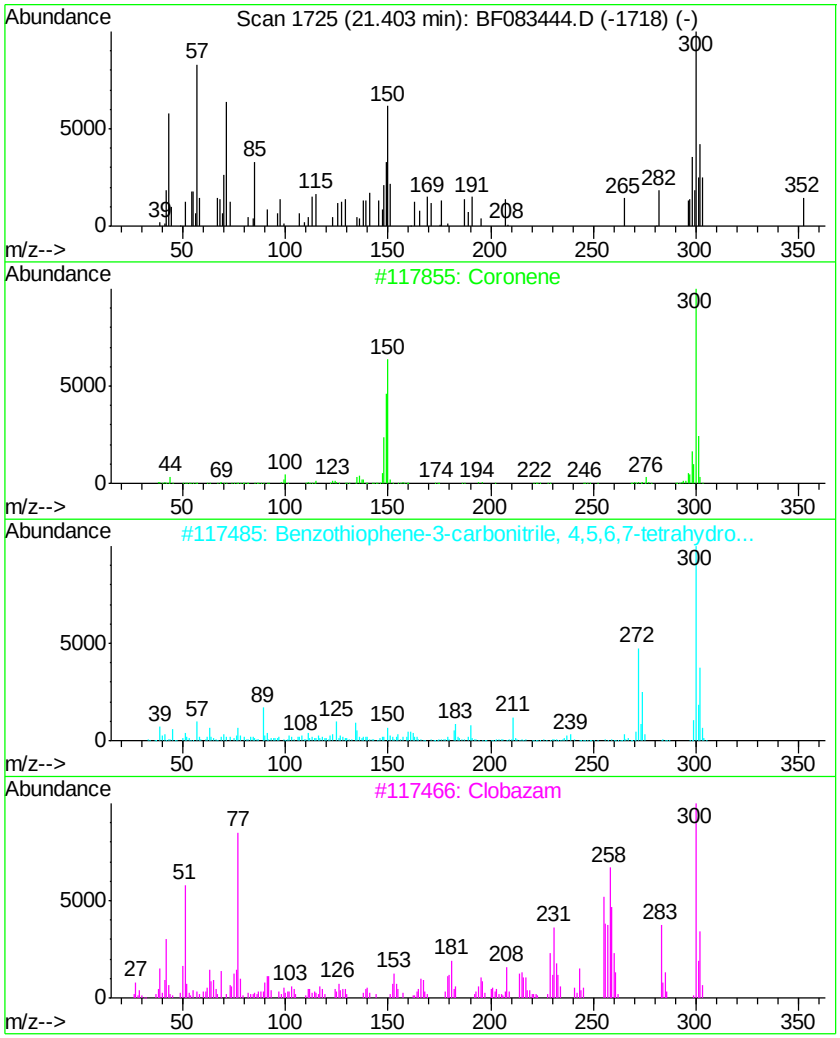
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

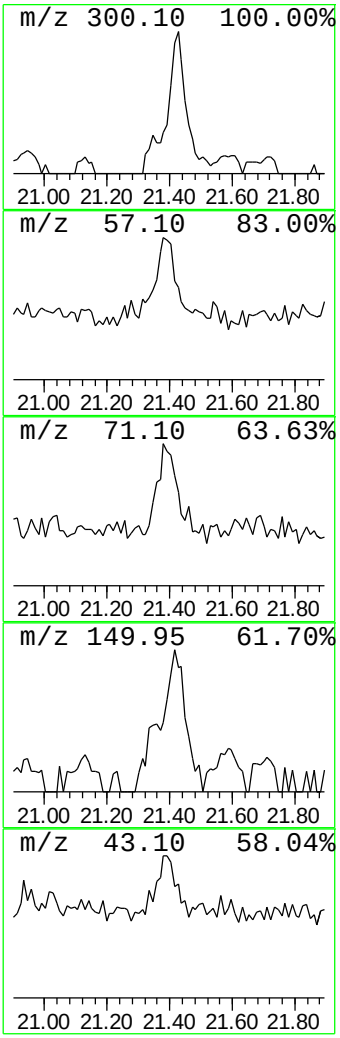
****

Peak Number 20 Coronene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.40	3.07 ng	151623	Perylene-d12	16.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Coronene	300	C24H12	000191-07-1	55
2	Benzothiophene-3-carbonitrile, 4...	300	C16H13ClN2S	069438-07-9	43
3	Clobazam	300	C16H13ClN2O2	022316-47-8	38
4	10H-Phenothiaphosphine, 7-chloro...	300	C12H7ClFO2PS	054934-84-8	38
5	Sulazepam	300	C16H13ClN2S	002898-13-7	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120215\
Data File : BF083444.D
Acq On : 3 Dec 2015 5:21
Operator : UM/IZ
Sample : G4583-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-P3WC-05(0-6)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.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...	4.65	32.7	ng	1557350	1	6.53	952052	20.0
Benzene, 1,3-dime...	5.05	2.8	ng	134571	1	6.53	952052	20.0
unknown6.32	6.32	115.7	ng	5507870	1	6.53	952052	20.0
Hexadecane	10.03	3.5	ng	229310	3	9.57	1312710	20.0
Pentadecane	10.51	3.4	ng	238058	4	11.10	1402160	20.0
Tridecanoic acid	11.81	5.4	ng	377492	4	11.10	1402160	20.0
Benzaldehyde, 3,5...	11.85	4.2	ng	291282	4	11.10	1402160	20.0
unknown12.89	12.89	2.8	ng	196467	4	11.10	1402160	20.0
unknown14.01	14.01	3.0	ng	251747	5	14.73	1681140	20.0
unknown14.15	14.15	2.8	ng	237161	5	14.73	1681140	20.0
unknown14.20	14.20	4.2	ng	350102	5	14.73	1681140	20.0
Dibenzo[c,h][2,6]...	14.50	4.0	ng	332368	5	14.73	1681140	20.0
3-Octadecene, (E)-	14.64	3.4	ng	288509	5	14.73	1681140	20.0
unknown15.83	15.83	4.1	ng	200688	6	16.80	986388	20.0
unknown15.87	15.87	6.2	ng	303255	6	16.80	986388	20.0
Dibenz(a,e)aceant...	20.44	2.9	ng	142635	6	16.80	986388	20.0
Coronene	21.40	3.1	ng	151623	6	16.80	986388	20.0