LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101615\
Data File : BF082312.D
Acq On : 15 Oct 2015 16:36
Operator : UM/IZ
Sample : G4009-03
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KW-3

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-BF101015.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	4.994	247	250	253	rBV	588269	906207	26.01%	2.128%
2	5.429	286	288	290	rBV	1653648	1581336	45.39%	3.713%
3	6.469	377	379	382	rBV	1288540	1533260	44.01%	3.600%
4	6.595	388	390	393	rBV	1837969	1676327	48.12%	3.936%
5	6.823	408	410	413	rBV	560417	477913	13.72%	1.122%
6	6.983	421	424	426	rBV	1610087	1494941	42.91%	3.510%
7	7.395	457	460	462	rBV	1074113	1087866	31.23%	2.554%
8	8.115	520	523	524	rBV	771781	676169	19.41%	1.588%
9	8.835	584	586	588	rBV	60207	82555	2.37%	0.194%
10	8.926	592	594	598	rVB	89306	82862	2.38%	0.195%
11	9.200	615	618	620	rBV	1556644	2081559	59.75%	4.887%
12	9.452	638	640	643	rVB	28977	41432	1.19%	0.097%
13	9.532	645	647	648	rBV	64006	67970	1.95%	0.160%
14	9.589	650	652	655	rVV	436713	384746	11.04%	0.903%
15	9.646	655	657	662	rVB2	30759	41702	1.20%	0.098%
16	9.738	662	665	667	rBV	93007	103629	2.97%	0.243%
17	9.783	667	669	673	rVB2	77999	103440	2.97%	0.243%
18	9.875	673	677	678	rBV	900280	808618	23.21%	1.899%
19	9.909	678	680	682	rVB	240234	242037	6.95%	0.568%
20	10.081	692	695	697	rBV	220991	223995	6.43%	0.526%
21	10.298	710	714	716	rBV2	59002	81085	2.33%	0.190%
22	10.423	723	725	727	rBV	324665	302462	8.68%	0.710%
23	10.469	727	729	731	rBV	20616	36757	1.06%	0.086%
24	10.584	737	739	741	rVB	59084	79339	2.28%	0.186%
25	10.664	744	746	749	rVV2	1006932	1127124	32.36%	2.646%
26	10.778	754	756	760	rVB2	78070	107881	3.10%	0.253%
27	10.972	769	773	777	rBV3	85801	188487	5.41%	0.443%
28	11.121	782	786	789	rVV3	49820	108866	3.13%	0.256%
29	11.166	789	790	792	rVV	203586	208831	5.99%	0.490%
30	11.224	792	795	797	rVV2	243843	319790	9.18%	0.751%
31	11.258	797	798	800	rVV	169402	163533	4.69%	0.384%
32	11.292	800	801	802	rVB	63266	43369	1.24%	0.102%
33	11.395	805	810	812	rBV2	2918761	3483541	100.00%	8.179%
34	11.441	812	814	816	rVV	645940	614870	17.65%	1.444%

LSC Area Percent Report

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Acq On : 15 Oct 2015 16:36
Operator : UM/IZ
Sample : G4009-03
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KW-3

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-BF101015.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.475	816	817	820	rVB	48944	53772	1.54%	0.126%
36	11.601	825	828	832	rBV	352941	464523	13.33%	1.091%
37	11.658	832	833	835	rVV3	66087	64981	1.87%	0.153%
38	11.704	835	837	839	rVB3	50035	68635	1.97%	0.161%
39	11.772	839	843	846	rVB3	24162	58809	1.69%	0.138%
40	11.864	849	851	853	rBV	295787	418289	12.01%	0.982%
41	11.898	853	854	856	rVV	617144	477770	13.72%	1.122%
42	11.944	856	858	859	rVV	123974	117028	3.36%	0.275%
43	11.978	859	861	866	rVB2	400673	606795	17.42%	1.425%
44	12.058	866	868	869	rBV2	38270	67179	1.93%	0.158%
45	12.138	873	875	876	rBV2	26605	39581	1.14%	0.093%
46	12.161	876	877	879	rVV	171243	222919	6.40%	0.523%
47	12.195	879	880	882	rVB	169221	123998	3.56%	0.291%
48	12.309	888	890	892	rBV2	51803	79011	2.27%	0.186%
49	12.344	892	893	894	rVV	73856	53191	1.53%	0.125%
50	12.367	894	895	897	rVB	49993	47911	1.38%	0.112%
51	12.424	897	900	901	rBV	100530	164437	4.72%	0.386%
52	12.458	901	903	906	rVB	68178	116098	3.33%	0.273%
53	12.504	906	907	910	rVB	113344	149291	4.29%	0.351%
54	12.584	912	914	917	rBV	1645868	2254090	64.71%	5.292%
55	12.629	917	918	921	rVB2	51832	79838	2.29%	0.187%
56	12.687	921	923	924	rVB	52474	63548	1.82%	0.149%
57	12.732	924	927	931	rVB2	72109	125792	3.61%	0.295%
58	12.824	931	935	937	rBV2	1597324	2147119	61.64%	5.041%
59	12.869	937	939	941	rVB	113053	156786	4.50%	0.368%
60	12.961	945	947	951	rVB	1233328	1723734	49.48%	4.047%
61	13.041	951	954	956	rBV2	130626	220612	6.33%	0.518%
62	13.075	956	957	960	rVB	45802	50858	1.46%	0.119%
63	13.155	960	964	965	rBV2	183098	366467	10.52%	0.860%
64	13.258	971	973	977	rBV2	163744	260151	7.47%	0.611%
65	13.315	977	978	980	rVB	34910	37616	1.08%	0.088%
66	13.361	980	982	983	rBV	72155	69753	2.00%	0.164%
67	13.395	983	985	989	rBV2	62467	106998	3.07%	0.251%
68	13.475	989	992	997	rVB5	29393	73441	2.11%	0.172%
69	13.567	997	1000	1001	rBV3	40664	96196	2.76%	0.226%
70	13.601	1001	1003	1004	rVB	39745	39336	1.13%	0.092%
71	13.692	1008	1011	1013	rVB	242398	264409	7.59%	0.621%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101615\
Data File : BF082312.D
Acq On : 15 Oct 2015 16:36
Operator : UM/IZ
Sample : G4009-03
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KW-3

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-BF101015.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.807	1018	1021	1022	rBV	214277	264690	7.60%	0.621%
73	13.864	1022	1026	1029	rVV3	277909	629870	18.08%	1.479%
74	13.910	1029	1030	1035	rVB2	357710	486281	13.96%	1.142%
75	13.990	1035	1037	1040	rVB	40273	55764	1.60%	0.131%
76	14.081	1040	1045	1047	rBV2	978483	1983654	56.94%	4.657%
77	14.115	1047	1048	1052	rVV	844770	725998	20.84%	1.705%
78	14.195	1054	1055	1058	rVB	76238	69282	1.99%	0.163%
79	14.344	1066	1068	1069	rVB	57452	60939	1.75%	0.143%
80	14.470	1077	1079	1080	rBV2	37222	44766	1.29%	0.105%
81	14.515	1081	1083	1085	rVV	156602	153733	4.41%	0.361%
82	14.550	1085	1086	1089	rVB	67356	71123	2.04%	0.167%
83	14.618	1090	1092	1094	rBV2	67512	90913	2.61%	0.213%
84	14.870	1112	1114	1115	rBV	37228	48427	1.39%	0.114%
85	14.950	1120	1121	1123	rBV2	32013	57899	1.66%	0.136%
86	15.041	1127	1129	1132	rBV3	96552	166963	4.79%	0.392%
87	15.121	1134	1136	1139	rVV3	85350	105835	3.04%	0.248%
88	15.224	1142	1145	1150	rBV	662700	1458852	41.88%	3.425%
89	15.327	1152	1154	1160	rVB2	163561	314496	9.03%	0.738%
90	15.521	1169	1171	1175	rBV	298740	492502	14.14%	1.156%
91	15.590	1175	1177	1180	rVB	520224	634373	18.21%	1.489%
92	15.647	1180	1182	1184	rBV	367008	557096	15.99%	1.308%
93	16.127	1221	1224	1226	rBV	71331	103303	2.97%	0.243%
94	16.173	1226	1228	1232	rVB2	51895	107677	3.09%	0.253%
95	16.904	1290	1292	1298	rBV4	51898	157151	4.51%	0.369%
96	17.098	1305	1309	1314	rVB2	219488	467371	13.42%	1.097%
97	17.236	1318	1321	1327	rVB2	226380	547194	15.71%	1.285%
98	17.533	1343	1347	1354	rVB	151159	417947	12.00%	0.981%
99	17.647	1354	1357	1364	rVB7	52162	147621	4.24%	0.347%
100	18.036	1389	1391	1394	rVB3	37583	74400	2.14%	0.175%

Sum of corrected areas: 42591581

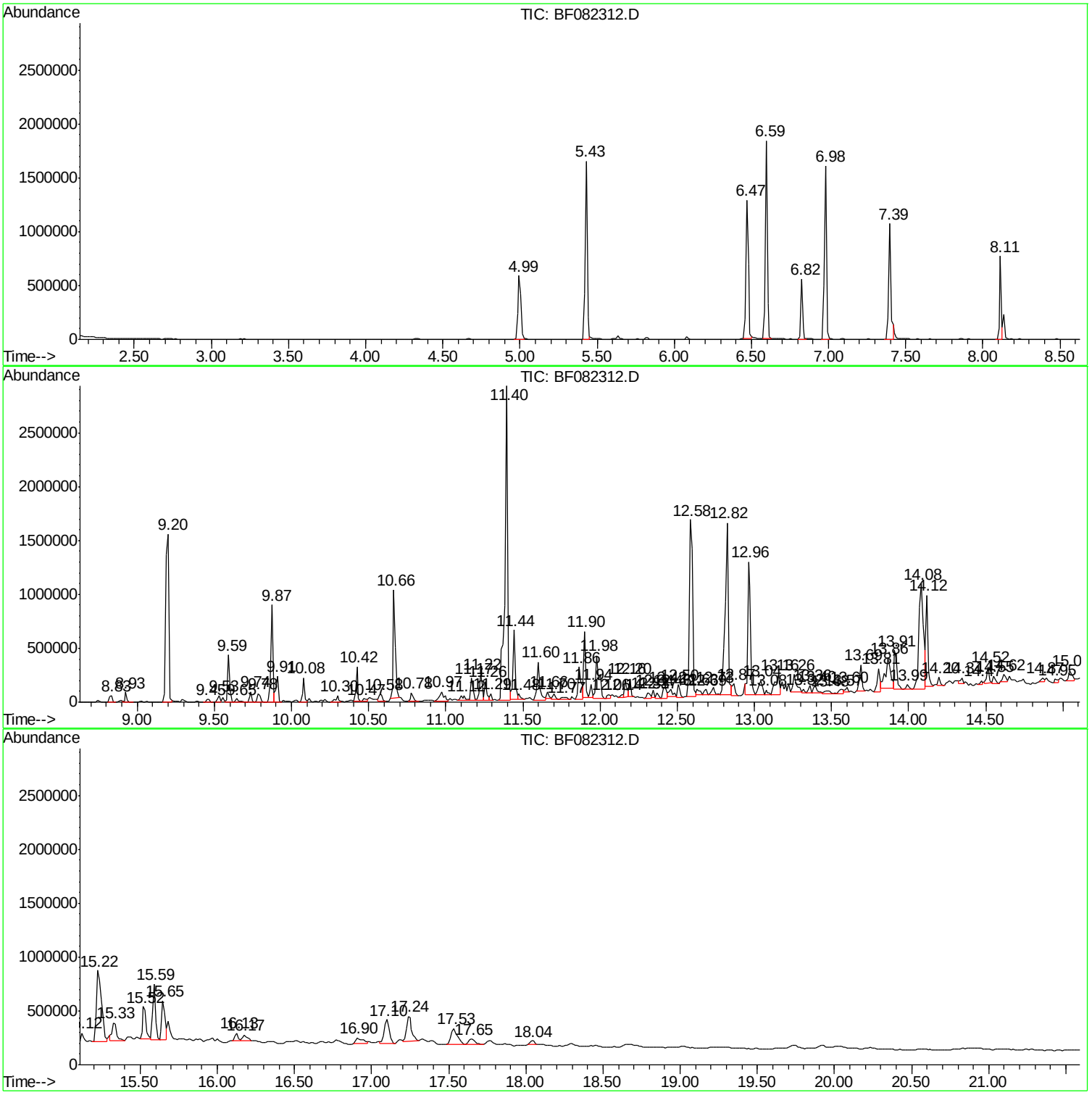
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101615\
Data File : BF082312.D
Acq On : 15 Oct 2015 16:36
Operator : UM/IZ
Sample : G4009-03
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KW-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.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\BF101615\
Data File : BF082312.D
Acq On : 15 Oct 2015 16:36
Operator : UM/IZ
Sample : G4009-03
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KW-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

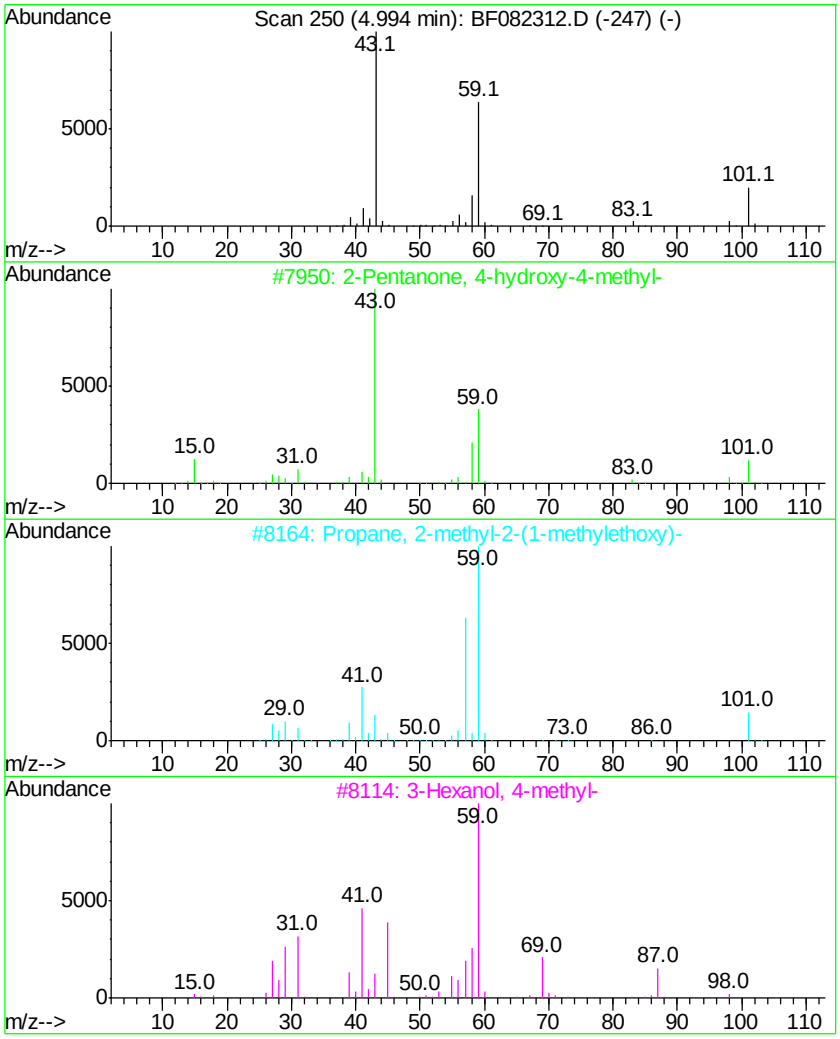
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

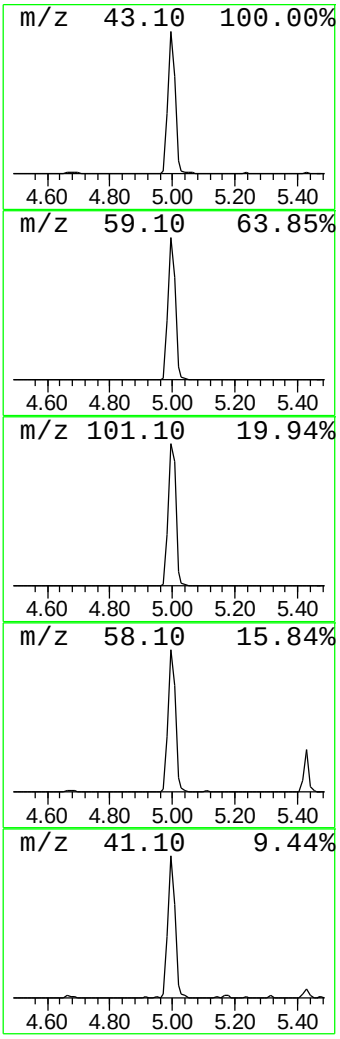
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.99	37.92 ng	906207	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF101615\
Data File : BF082312.D
Acq On : 15 Oct 2015 16:36
Operator : UM/IZ
Sample : G4009-03
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KW-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

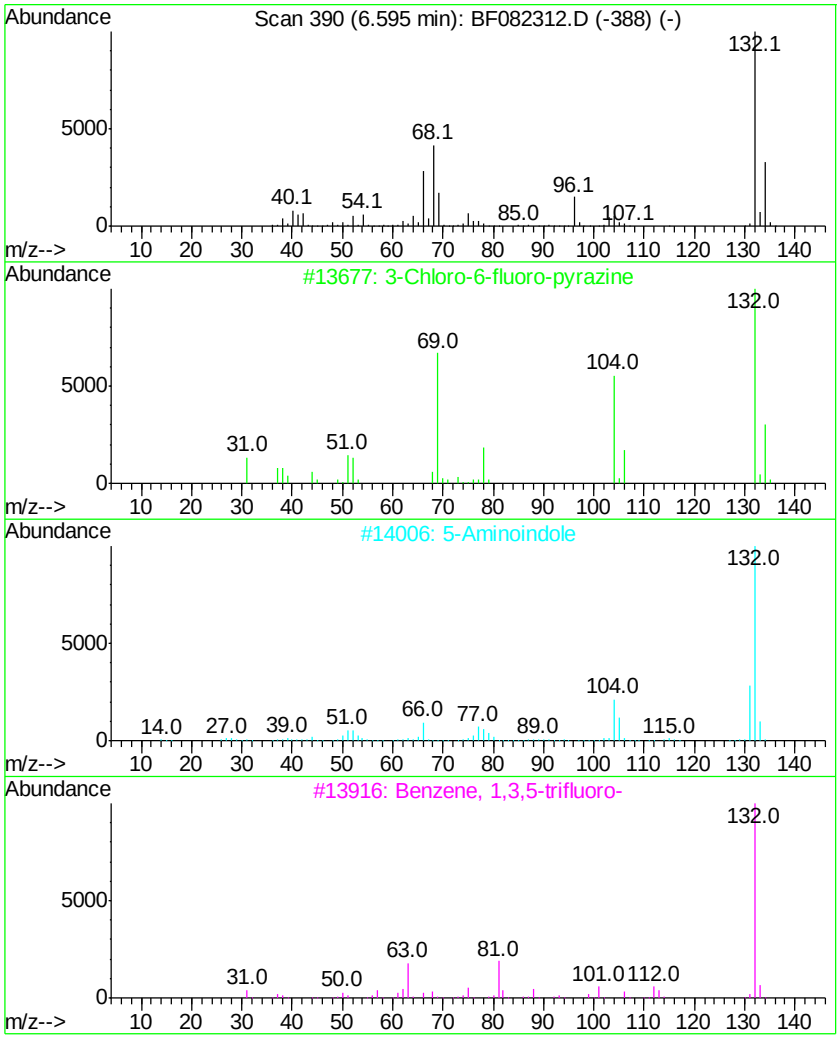
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

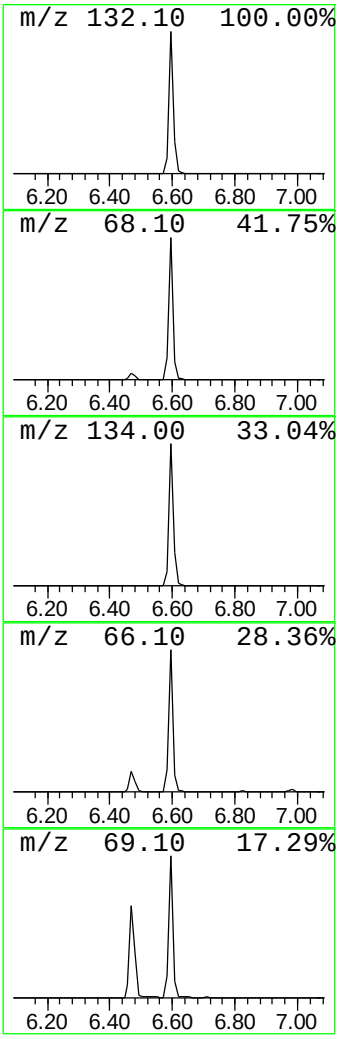
****

Peak Number 2 unknown6.59 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	70.15 ng	1676330	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





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Operator : UM/IZ
Sample : G4009-03
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KW-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.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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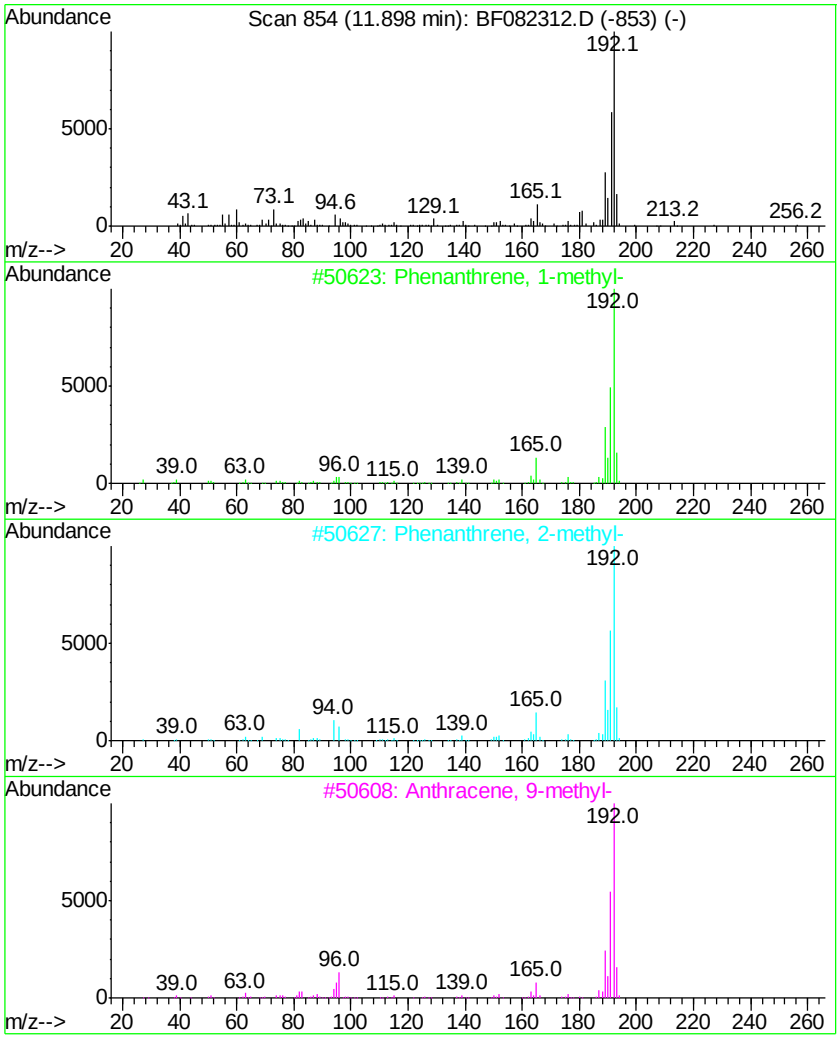
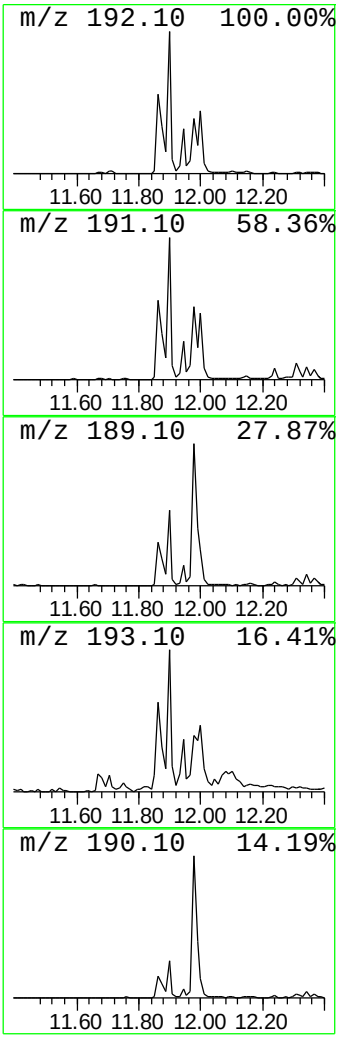
Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	2.74 ng	477770	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93





Data Path : Z:\HPCHEM1\BNA F\DATA\BF101615\
Data File : BF082312.D
Acq On : 15 Oct 2015 16:36
Operator : UM/IZ
Sample : G4009-03
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KW-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

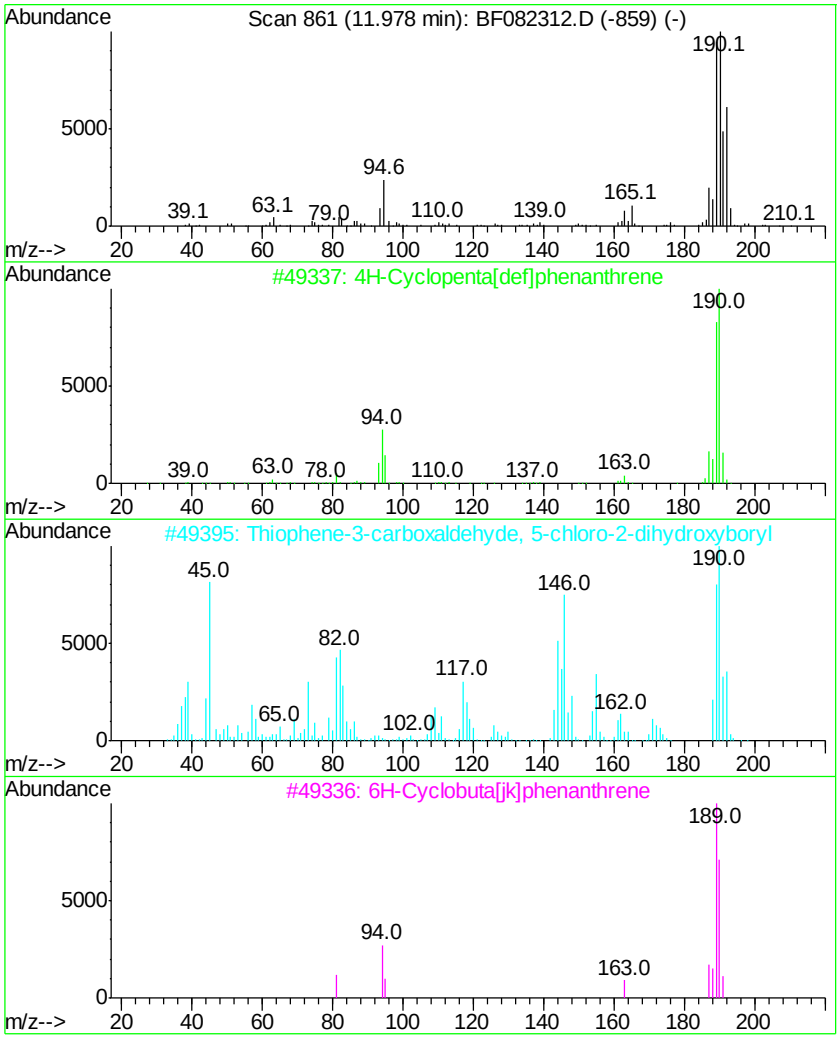
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

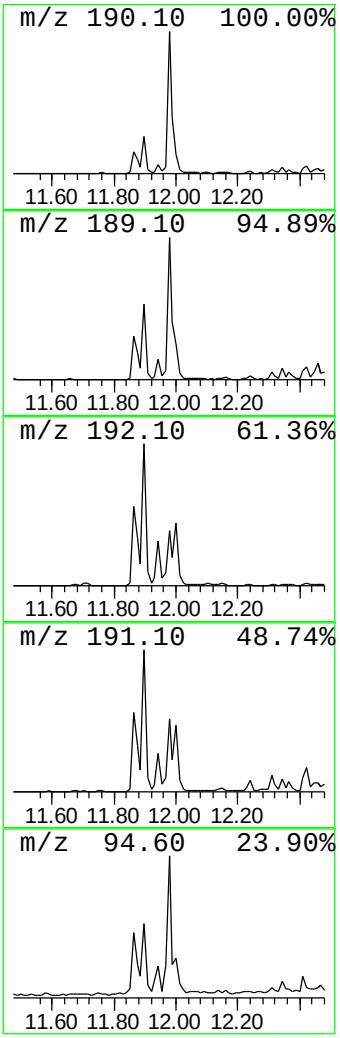
****

Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	3.48 ng	606795	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	40
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	22
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	18





Data Path : Z:\HPCHEM1\BNA F\DATA\BF101615\
Data File : BF082312.D
Acq On : 15 Oct 2015 16:36
Operator : UM/IZ
Sample : G4009-03
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KW-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.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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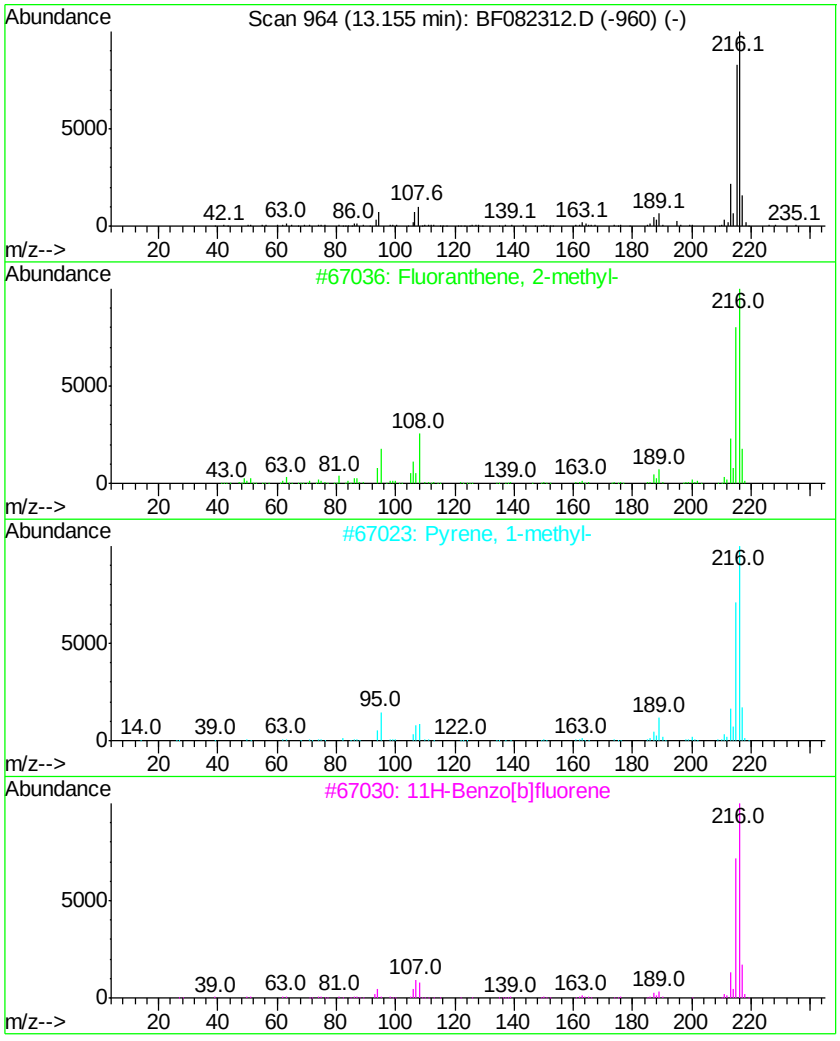
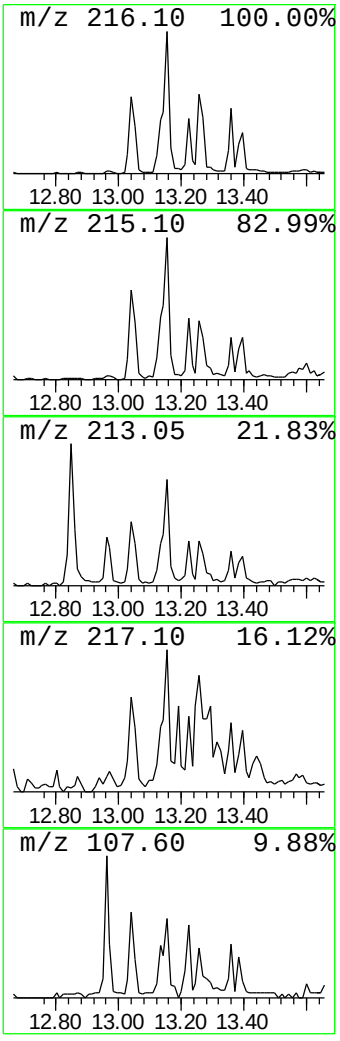
Peak Number 6 Fluoranthene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.16	3.69 ng	366467	Chrysene-d12	14.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	96
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF101615\
Data File : BF082312.D
Acq On : 15 Oct 2015 16:36
Operator : UM/IZ
Sample : G4009-03
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KW-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.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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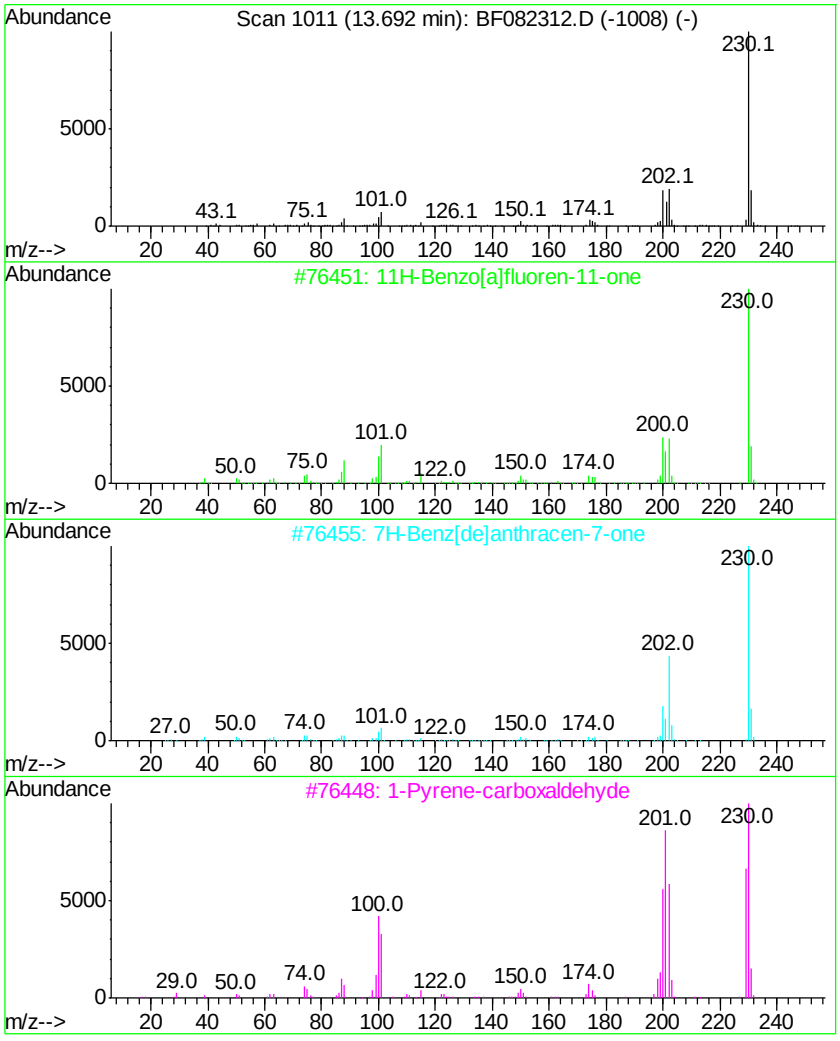
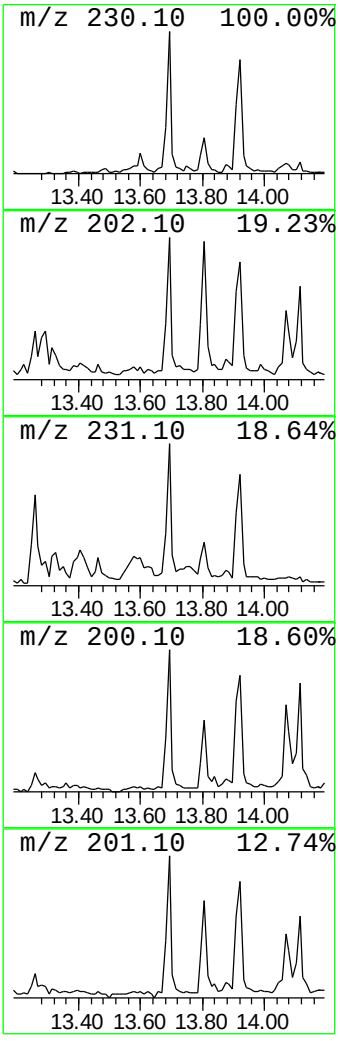
Peak Number 7 11H-Benzo[a]fluoren-11-one Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.69	2.67 ng	264409	Chrysene-d12	14.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	91
3	1-Pyrene-carboxaldehyde	230	C17H10O	003029-19-4	72
4	Pyrene, 1,3-dimethyl-	230	C18H14	064401-21-4	59
5	o-Terphenyl	230	C18H14	000084-15-1	59





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Acq On : 15 Oct 2015 16:36
Operator : UM/IZ
Sample : G4009-03
Misc :
ALS Vial : 48 Sample Multiplier: 1

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ClientSampleId : KW-3

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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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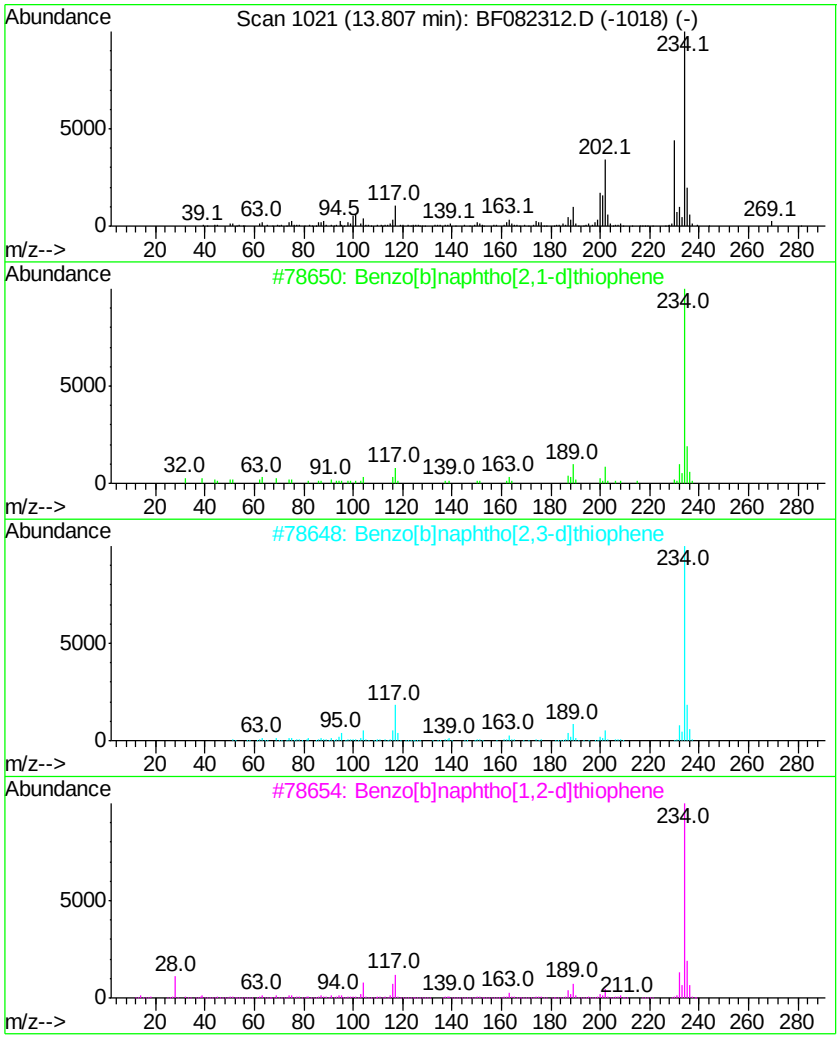
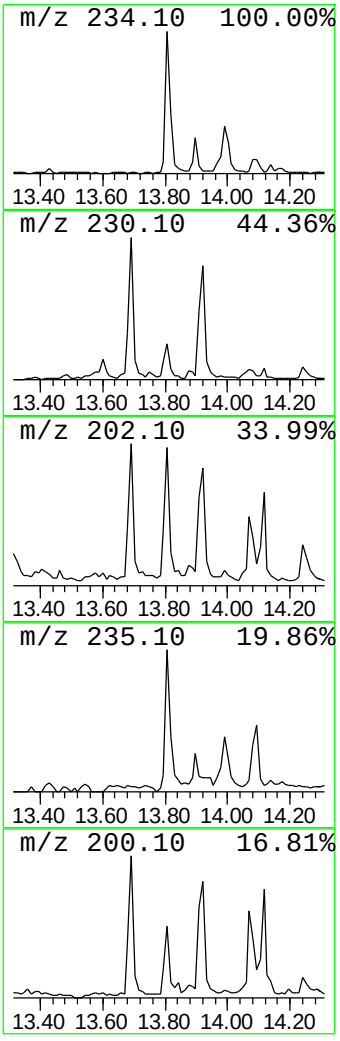
Peak Number 8 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.81	2.67 ng	264690	Chrysene-d12	14.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	92
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	58
3	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	53
4	Quinoxalino[2,3-b]quinoxaline, 5...	234	C14H10N4	000531-46-4	38
5	5,6,8,9,10,11-Hexahydrobenz[a]an...	234	C18H18	067064-61-3	38





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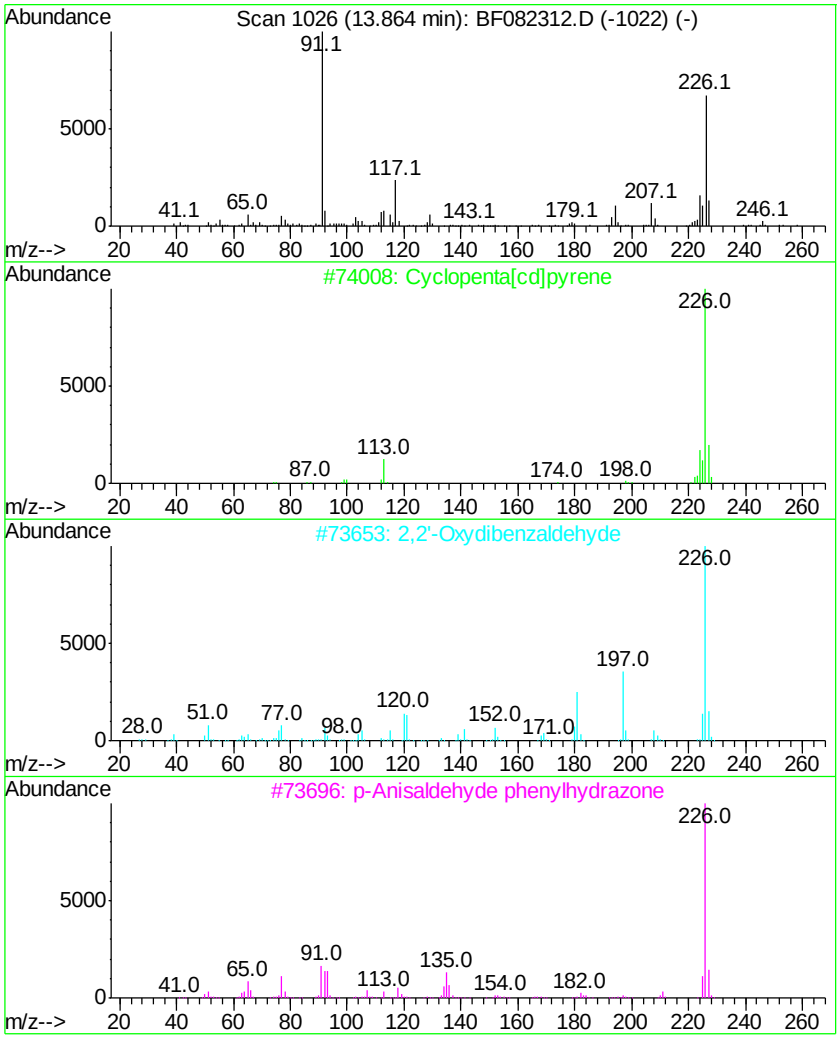
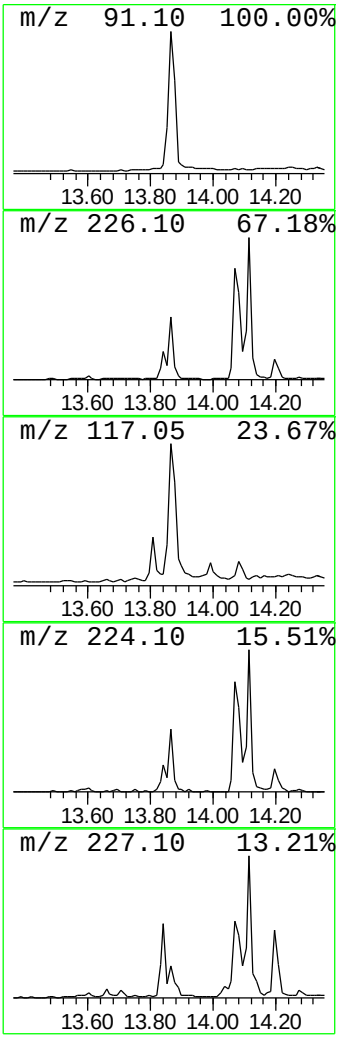
Peak Number 9 unknown13.86 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	6.35 ng	629870	Chrysene-d12	14.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	38
2	2,2'-Oxydibenzaldehyde	226	C14H10O3	049590-51-4	38
3	p-Anisaldehyde phenylhydrazone	226	C14H14N2O	000622-73-1	35
4	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	27
5	Benzene, [4-(3-ethynylphenyl)-1,...	226	C18H10	1000115-87-3	27





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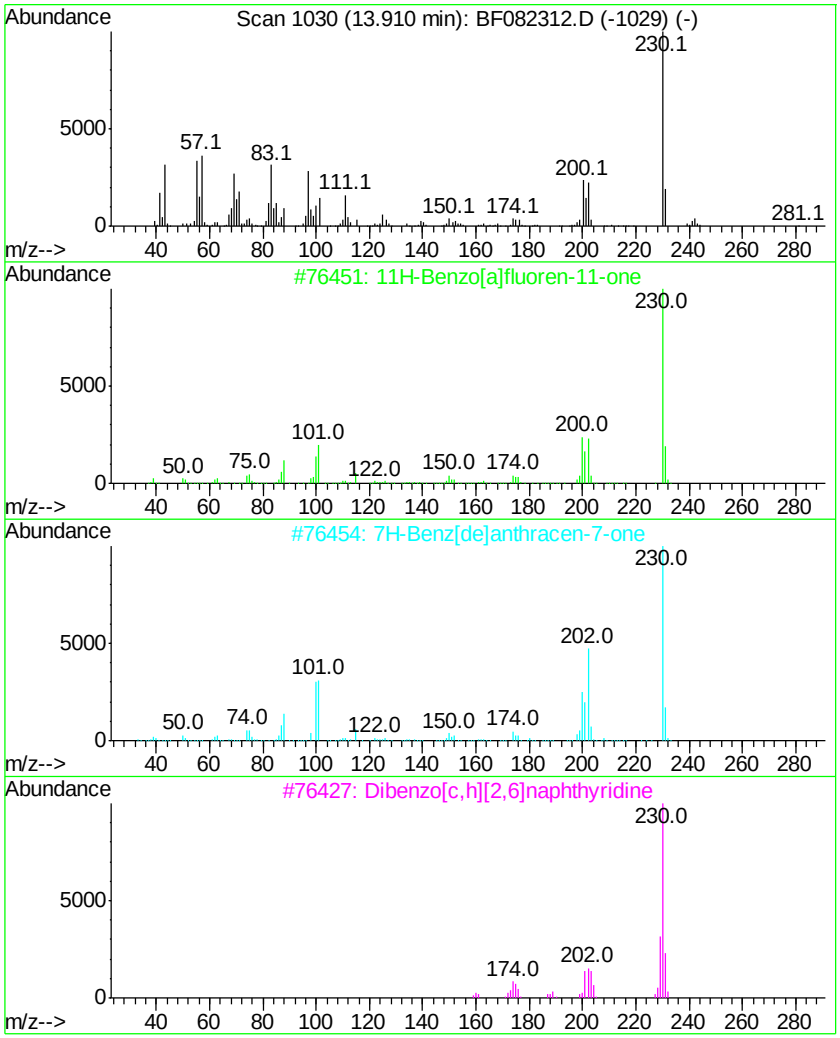
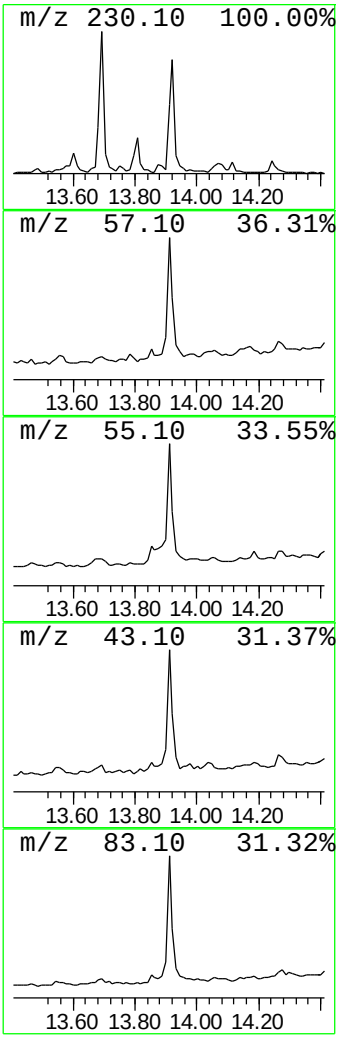
Peak Number 10 7H-Benz[de]anthracen-7-one Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.91	4.90 ng	486281	Chrysene-d12	14.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	99
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	81
3	Dibenzo[c,h][2,6]naphthyridine	230	C16H10N2	000218-30-4	72
4	1-Pyrene-carboxaldehyde	230	C17H10O	003029-19-4	53
5	o-Terphenyl	230	C18H14	000084-15-1	53





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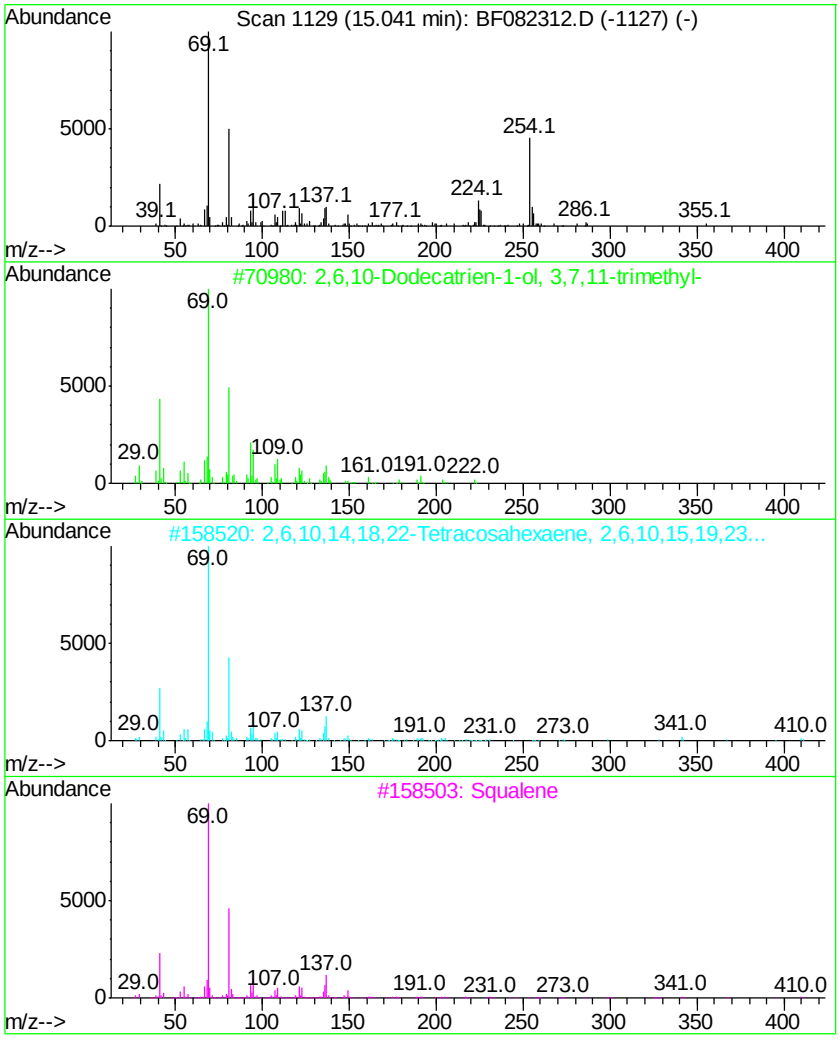
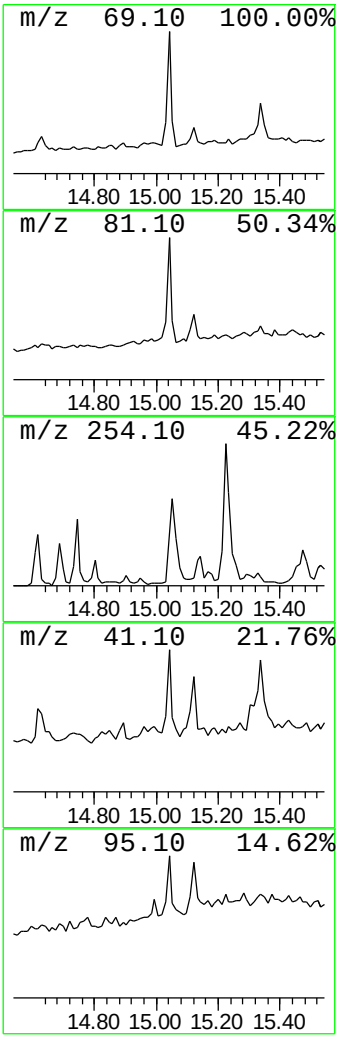
Peak Number 11 2,6,10-Dodecatrien-1-ol, 3,... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.04	5.99 ng	166963	Perylene-d12	15.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	004602-84-0	53
2	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	49
3	Squalene	410	C30H50	007683-64-9	49
4	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	000106-28-5	47
5	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	43





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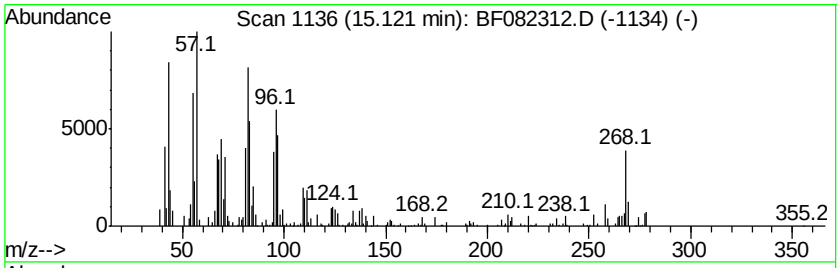
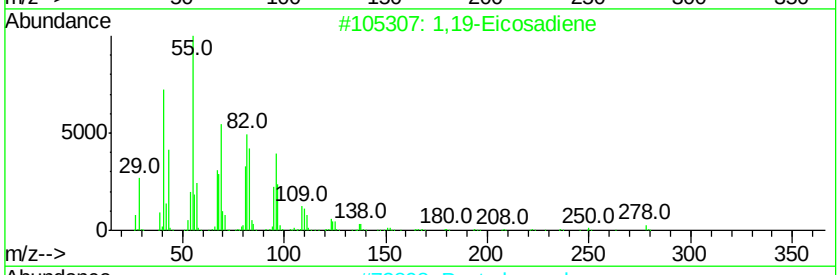
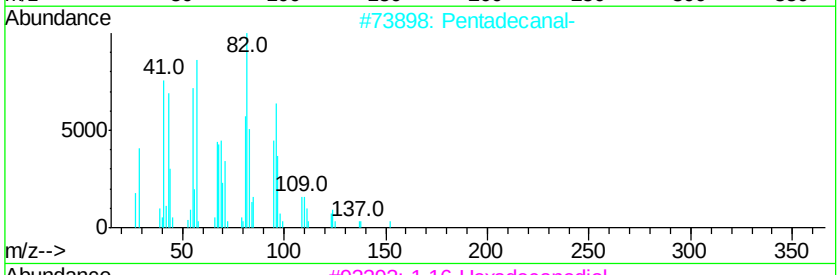
Peak Number 12 1,19-Eicosadiene Concentration Rank 13

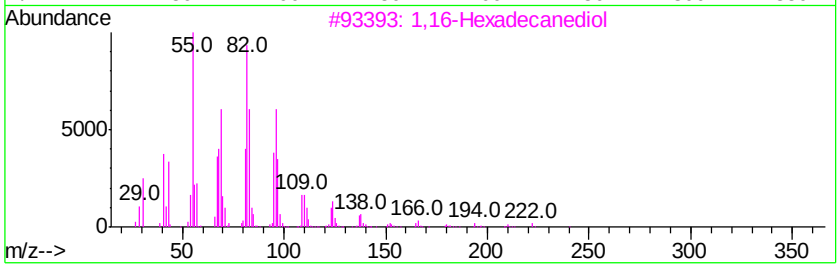
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.12	3.80 ng	105835	Perylene-d12	15.65

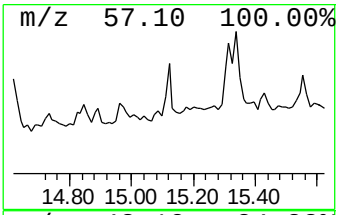
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,19-Eicosadiene	278	C20H38	014811-95-1	86
2	Pentadecanal-	226	C15H30O	002765-11-9	64
3	1,16-Hexadecanediol	258	C16H34O2	007735-42-4	62
4	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	58
5	Octadecanal	268	C18H36O	000638-66-4	49

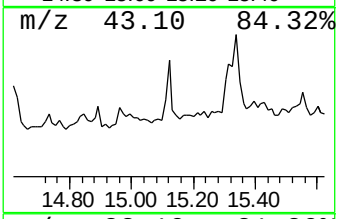


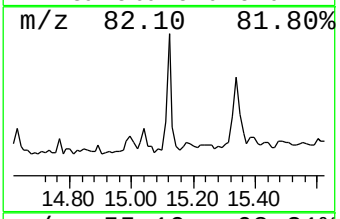


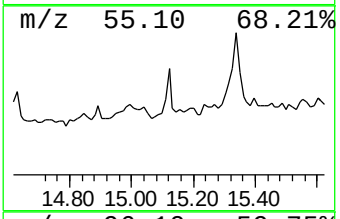


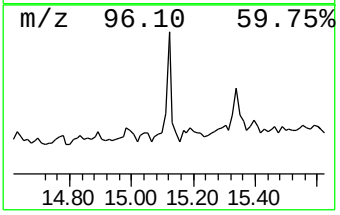












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Operator : UM/IZ
Sample : G4009-03
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KW-3

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

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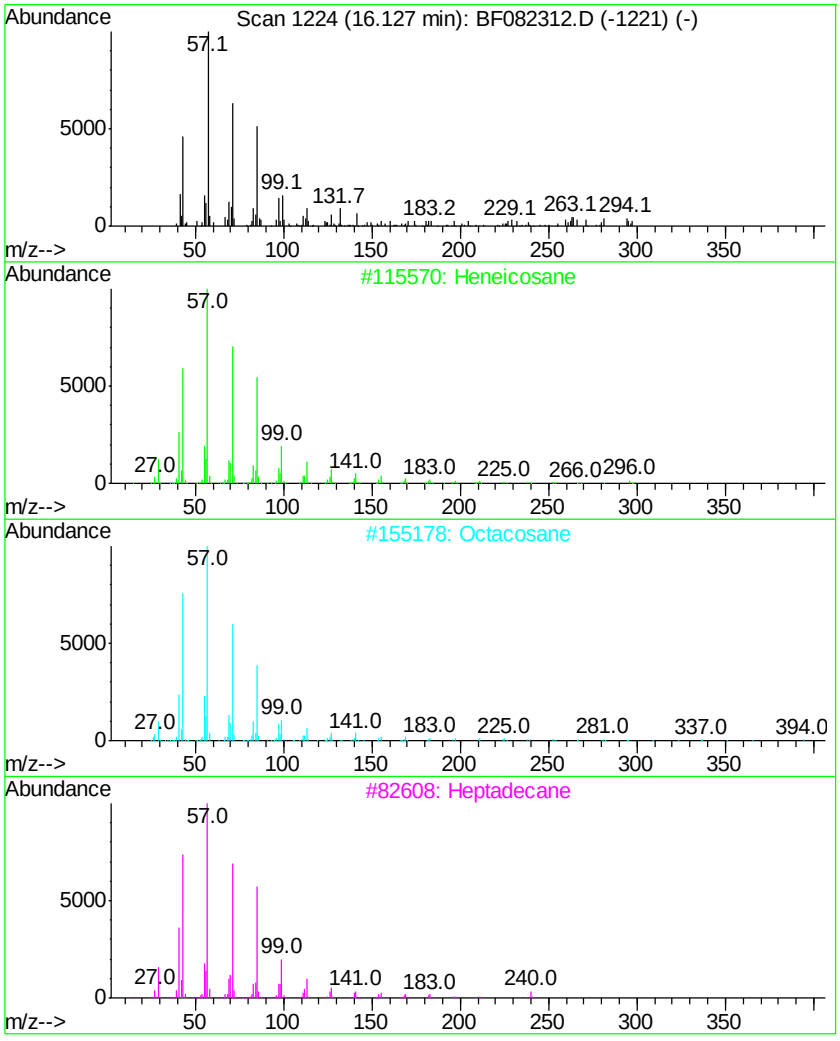
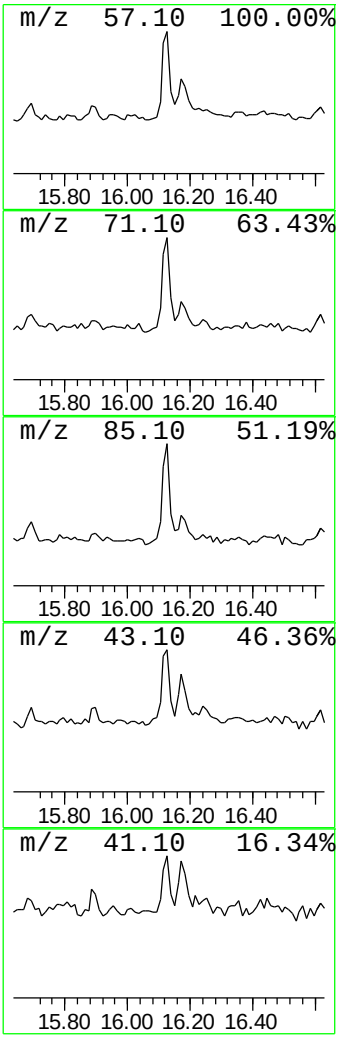
Peak Number 15 Heneicosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.13	3.71 ng	103303	Perylene-d12	15.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	94
2	Octacosane	394	C28H58	000630-02-4	68
3	Heptadecane	240	C17H36	000629-78-7	64
4	Tetracosane	338	C24H50	000646-31-1	64
5	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	64





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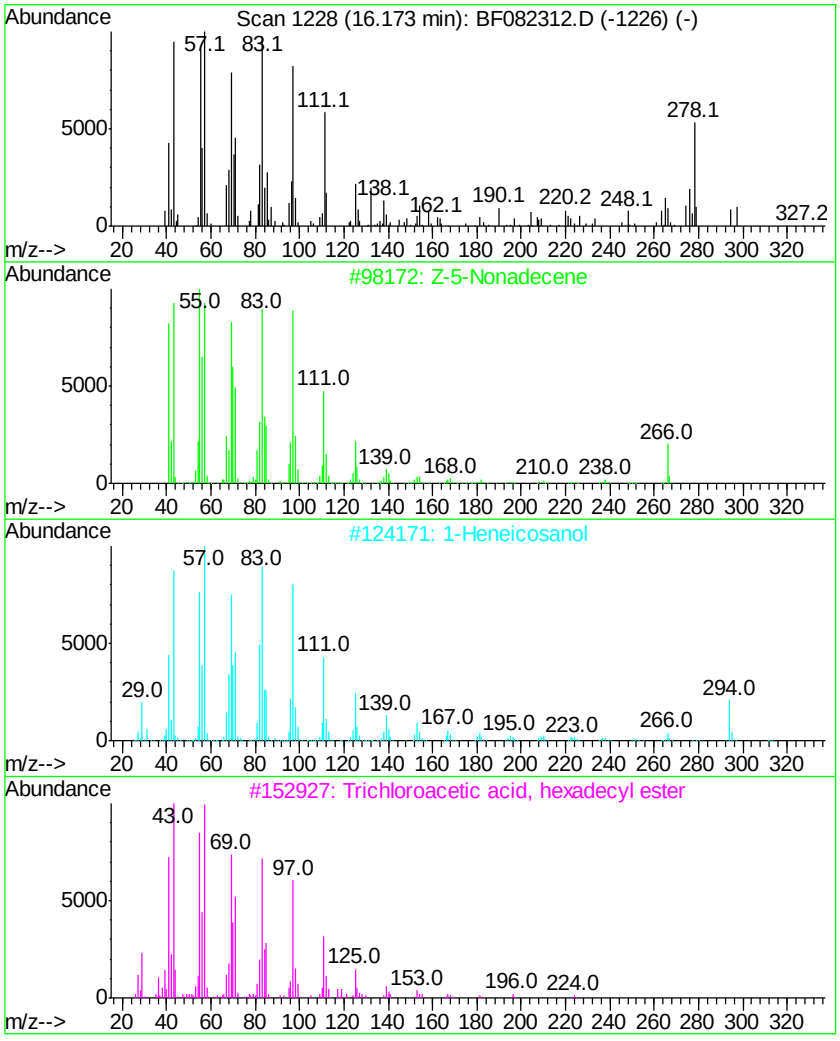
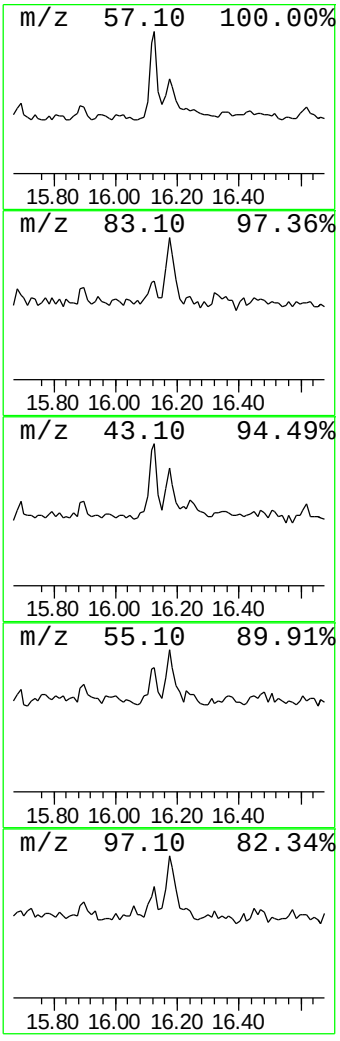
Peak Number 16 Z-5-Nonadecene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.17	3.87 ng	107677	Perylene-d12	15.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Z-5-Nonadecene	266	C19H38	1000131-11-8	62
2	1-Heneicosanol	312	C21H44O	015594-90-8	52
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	46
4	9-Nonadecene	266	C19H38	031035-07-1	46
5	10-Heneicosene (c,t)	294	C21H42	095008-11-0	46





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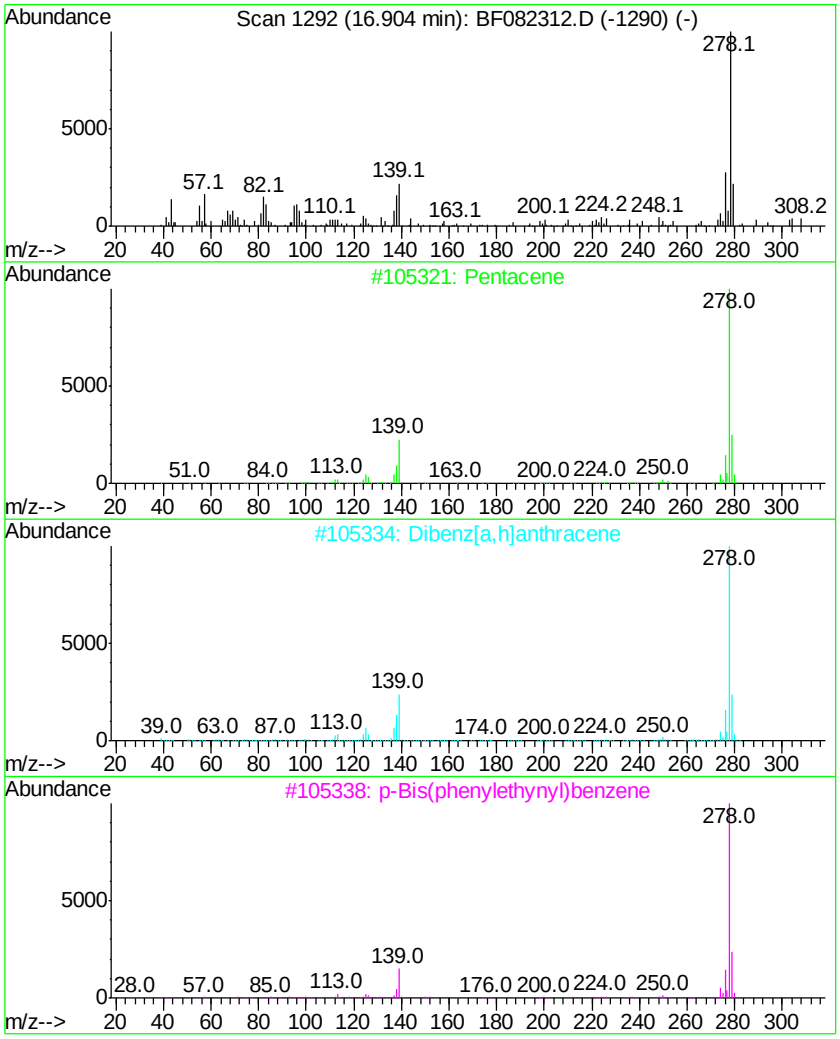
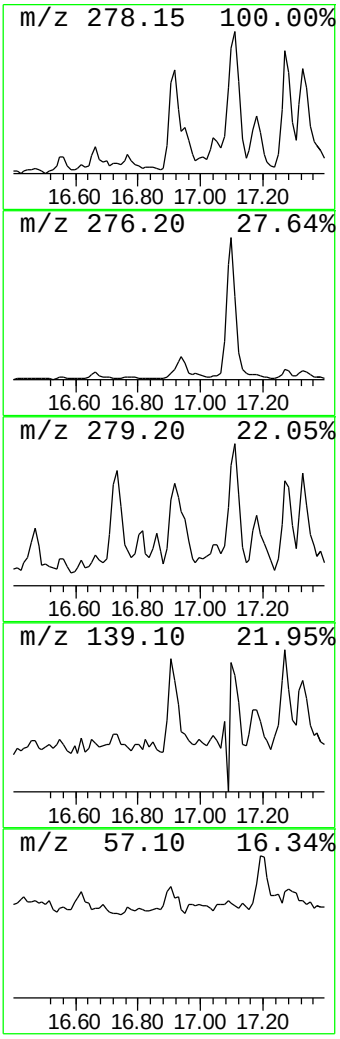
Peak Number 17 Pentacene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.90	5.64 ng	157151	Perylene-d12	15.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacene	278	C22H14	000135-48-8	95
2	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	89
3	p-Bis(phenylethynyl)benzene	278	C22H14	001849-27-0	70
4	1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	64
5	Dibenzo-1,2,7,8-anthracene	278	C22H14	000224-41-9	64





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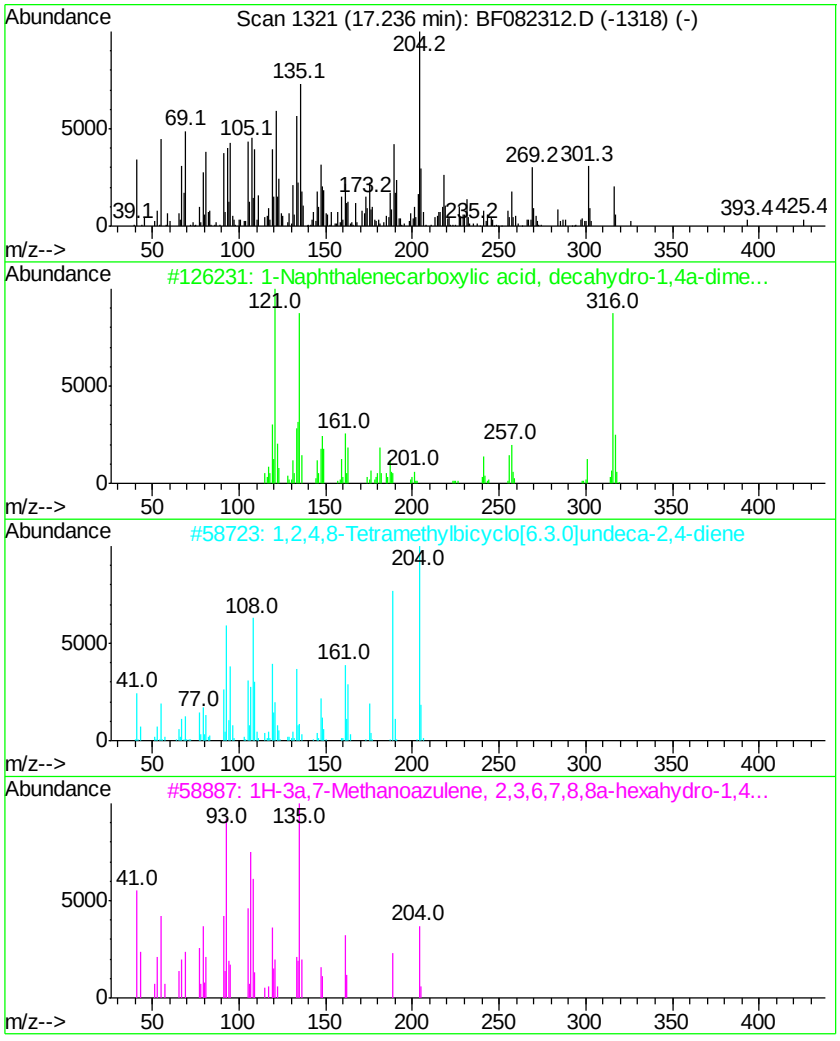
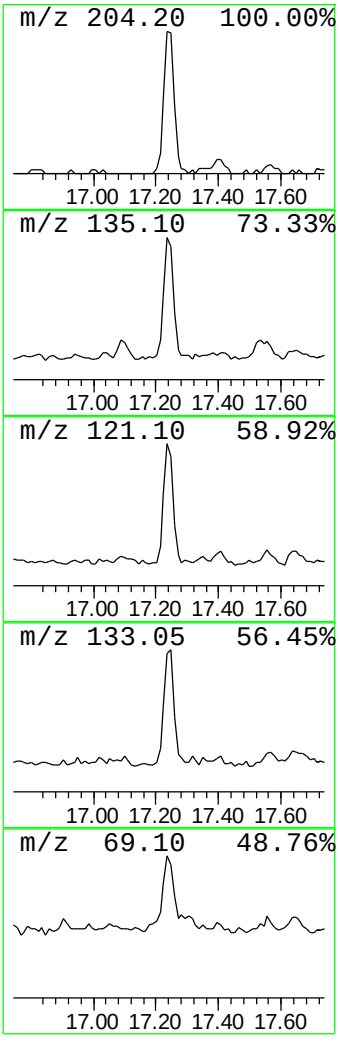
Peak Number 18 1-Naphthalenecarboxylic aci... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.24	19.64 ng	547194	Perylene-d12	15.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenecarboxylic acid, de...	316	C21H32O2	001235-39-8	80
2	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	55
3	1H-3a,7-Methanoazulene, 2,3,6,7,...	204	C15H24	000560-32-7	53
4	1,4-Dimethyl-8-isopropylidenetri...	204	C15H24	1000140-07-7	52
5	1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	52





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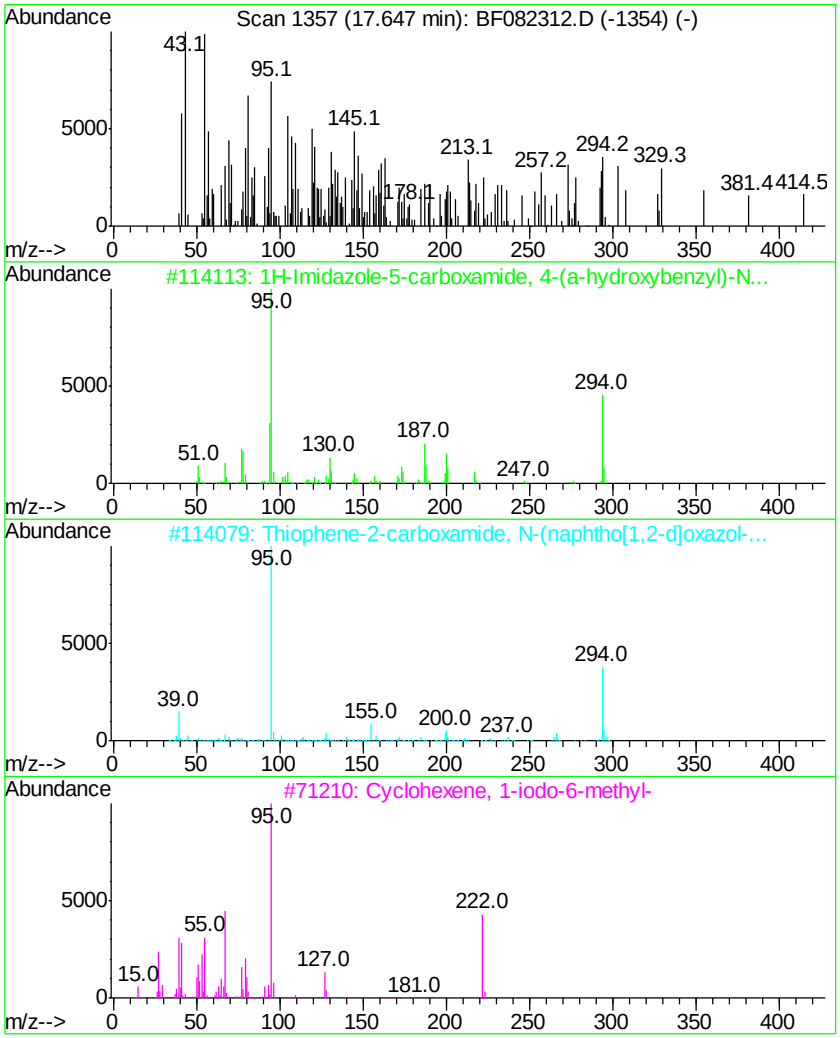
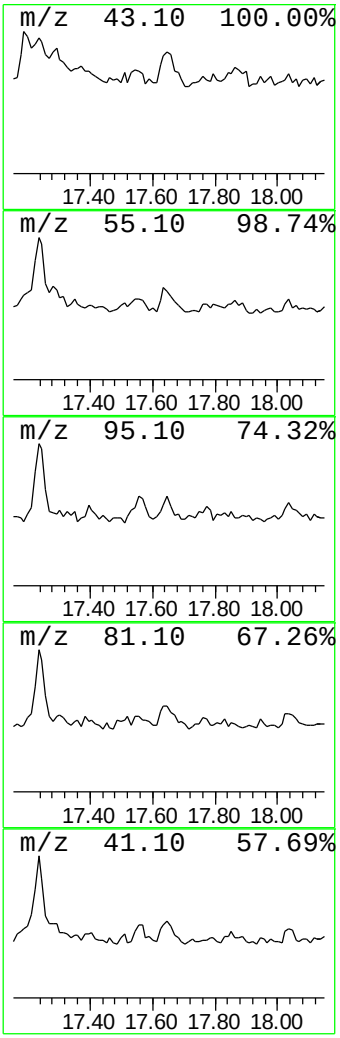
Peak Number 19 unknown17.65 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.65	5.30 ng	147621	Perylene-d12	15.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Imidazole-5-carboxamide, 4-(a...	294	C16H14N4O2	1000285-99-8	30
2	Thiophene-2-carboxamide, N-(naph...	294	C16H10N2O2S	312697-08-8	27
3	Cyclohexene, 1-iodo-6-methyl-	222	C7H11I	040648-10-0	18
4	Illudol	222	C15H26O	016981-75-2	18
5	Bicyclo[2.2.1]heptane-2-carboxam...	328	C19H24N2OS	1000270-21-2	18





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101615\
Data File : BF082312.D
Acq On : 15 Oct 2015 16:36
Operator : UM/IZ
Sample : G4009-03
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KW-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

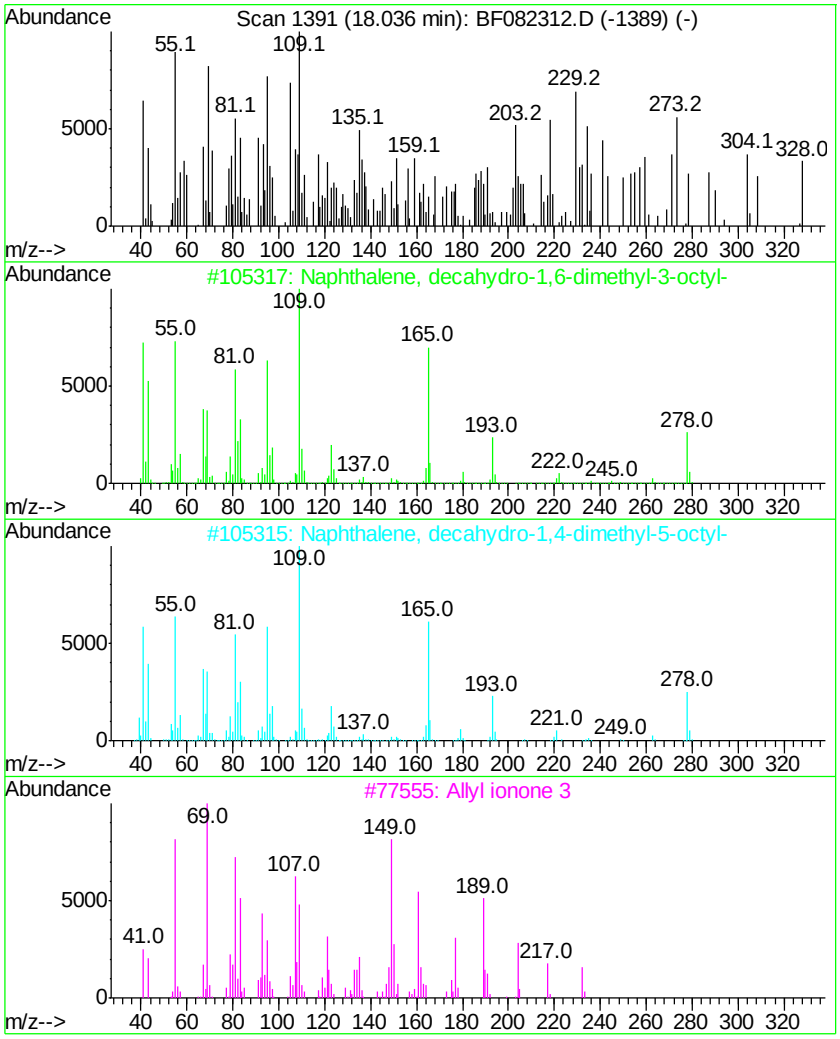
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

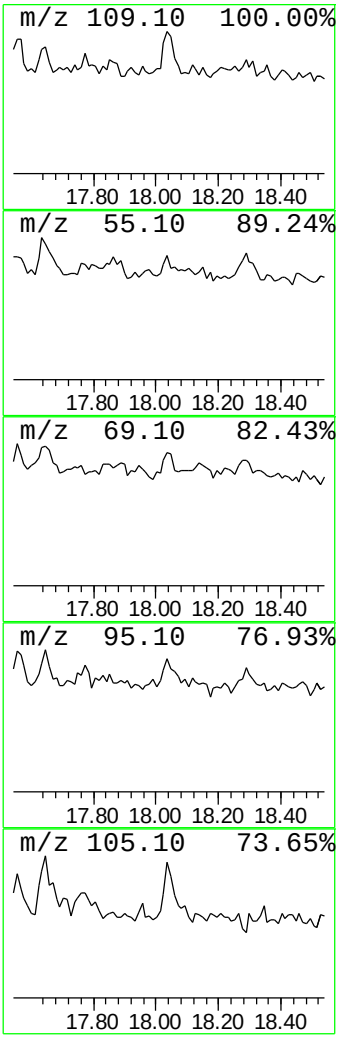
****

Peak Number 20 Naphthalene, decahydro-1,6-... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.04	2.67 ng	74400	Perylene-d12	15.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-1,6-dimet...	278	C20H38	056248-64-7	64
2	Naphthalene, decahydro-1,4-dimet...	278	C20H38	054964-83-9	50
3	Allyl ionone 3	232	C16H24O	1000284-92-9	38
4	Davana ether	234	C15H22O2	035470-57-6	38
5	4-(1,3,3-Trimethyl-bicyclo[4.1.0...	206	C14H22O	077143-31-8	25





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101615\
Data File : BF082312.D
Acq On : 15 Oct 2015 16:36
Operator : UM/IZ
Sample : G4009-03
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KW-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.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	37.9	ng	906207	1	6.82	477913	20.0
unknown6.59	6.59	70.2	ng	1676330	1	6.82	477913	20.0
Phenanthrene, 1-m...	11.90	2.7	ng	477770	4	11.37	3483540	20.0
4H-Cyclopenta[def...	11.98	3.5	ng	606795	4	11.37	3483540	20.0
Fluoranthene, 2-m...	13.16	3.7	ng	366467	5	14.08	1983650	20.0
11H-Benzo[a]fluor...	13.69	2.7	ng	264409	5	14.08	1983650	20.0
Benzo[b]naphtho[2...	13.81	2.7	ng	264690	5	14.08	1983650	20.0
unknown13.86	13.86	6.3	ng	629870	5	14.08	1983650	20.0
7H-Benz[de]anthra...	13.91	4.9	ng	486281	5	14.08	1983650	20.0
2,6,10-Dodecatrie...	15.04	6.0	ng	166963	6	15.65	557096	20.0
1,19-Eicosadiene	15.12	3.8	ng	105835	6	15.65	557096	20.0
Heneicosane	16.13	3.7	ng	103303	6	15.65	557096	20.0
Z-5-Nonadecene	16.17	3.9	ng	107677	6	15.65	557096	20.0
Pentacene	16.90	5.6	ng	157151	6	15.65	557096	20.0
1-Naphthalenecarb...	17.24	19.6	ng	547194	6	15.65	557096	20.0
unknown17.65	17.65	5.3	ng	147621	6	15.65	557096	20.0
Naphthalene, deca...	18.04	2.7	ng	74400	6	15.65	557096	20.0