LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060616\
Data File : BF087749.D
Acq On : 6 Jun 2016 13:44
Operator : UM/SJ
Sample : H3290-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

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

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.712	7	11	13	rVB	3993983	5919411	100.00%	8.586%
2	1.770	13	16	25	rVB	289450	647161	10.93%	0.939%
3	1.895	25	27	44	rVB	1809586	2964462	50.08%	4.300%
4	2.113	44	46	60	rVB2	127408	262190	4.43%	0.380%
5	5.039	299	302	310	rVB	756195	1139538	19.25%	1.653%
6	5.450	335	338	340	rVB	2255620	2671935	45.14%	3.875%
7	5.679	355	358	363	rVB	87119	105101	1.78%	0.152%
8	5.850	371	373	376	rBV	99019	113437	1.92%	0.165%
9	6.376	417	419	422	rVB2	36256	66721	1.13%	0.097%
10	6.444	422	425	426	rBV	47864	67974	1.15%	0.099%
11	6.490	426	429	431	rVB	2358965	3238307	54.71%	4.697%
12	6.616	437	440	443	rBV	2565499	2877196	48.61%	4.173%
13	6.673	443	445	449	rBV2	98539	124952	2.11%	0.181%
14	6.844	458	460	463	rBV	780619	903865	15.27%	1.311%
15	7.004	471	474	477	rVB	2388162	2328140	39.33%	3.377%
16	7.107	481	483	487	rVB2	54381	91620	1.55%	0.133%
17	7.176	487	489	493	rBV2	34404	68678	1.16%	0.100%
18	7.416	506	510	512	rBV	1872231	2002220	33.82%	2.904%
19	7.862	547	549	551	rVV2	52489	79285	1.34%	0.115%
20	8.136	570	573	574	rBV	1445564	1407653	23.78%	2.042%
21	8.570	608	611	613	rBV2	55530	92221	1.56%	0.134%
22	8.730	623	625	627	rVB2	78962	71911	1.21%	0.104%
23	8.845	633	635	637	rVB	428315	378062	6.39%	0.548%
24	8.890	637	639	642	rBV3	58090	114558	1.94%	0.166%
25	8.947	642	644	646	rVB	256208	219752	3.71%	0.319%
26	9.210	664	667	670	rVB	2623875	3350398	56.60%	4.859%
27	9.302	672	675	677	rBV2	113354	167039	2.82%	0.242%
28	9.405	683	684	687	rVB	61098	67286	1.14%	0.098%
29	9.473	687	690	692	rBV	128411	180863	3.06%	0.262%
30	9.542	694	696	698	rVV	179045	263463	4.45%	0.382%
31	9.576	698	699	700	rVV	152032	111824	1.89%	0.162%
32	9.610	700	702	705	rVV	462974	553744	9.35%	0.803%
33	9.668	705	707	709	rVB	91626	139172	2.35%	0.202%
34	9.748	712	714	716	rVB	697823	569528	9.62%	0.826%

LSC Area Percent Report

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Operator : UM/SJ
Sample : H3290-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

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

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.828	719	721	723	rVB	181070	148112	2.50%	0.215%
36	9.885	723	726	728	rBV	1239758	1330316	22.47%	1.930%
37	9.919	728	729	731	rVB2	73797	72162	1.22%	0.105%
38	9.988	733	735	737	rBV2	41446	71084	1.20%	0.103%
39	10.033	737	739	740	rBV	55114	67038	1.13%	0.097%
40	10.090	742	744	745	rVB	254169	206659	3.49%	0.300%
41	10.205	752	754	755	rVB2	75569	67360	1.14%	0.098%
42	10.308	759	763	764	rBV3	121512	275832	4.66%	0.400%
43	10.399	767	771	772	rVB4	33775	69415	1.17%	0.101%
44	10.422	772	773	777	rVB3	123160	231001	3.90%	0.335%
45	10.548	781	784	785	rBV2	118602	120423	2.03%	0.175%
46	10.593	785	788	789	rBV	89982	98062	1.66%	0.142%
47	10.673	792	795	797	rVB	1841676	1843710	31.15%	2.674%
48	10.719	797	799	801	rVB2	61479	89643	1.51%	0.130%
49	10.799	804	806	809	rVB	346602	574442	9.70%	0.833%
50	10.982	819	822	823	rBV3	50721	82704	1.40%	0.120%
51	11.131	831	835	837	rBV2	98960	207786	3.51%	0.301%
52	11.176	837	839	841	rVB2	106133	144383	2.44%	0.209%
53	11.222	841	843	844	rBV	78394	108331	1.83%	0.157%
54	11.245	844	845	846	rVV	189826	148450	2.51%	0.215%
55	11.268	846	847	850	rVB2	99265	129857	2.19%	0.188%
56	11.371	853	856	857	rBV	1193303	1181381	19.96%	1.713%
57	11.393	857	858	860	rVV	1203075	856981	14.48%	1.243%
58	11.439	860	862	864	rVV	521266	487071	8.23%	0.706%
59	11.599	873	876	877	rBV	185571	237824	4.02%	0.345%
60	11.668	881	882	883	rBV	144217	108333	1.83%	0.157%
61	11.873	897	900	901	rBV	165823	274240	4.63%	0.398%
62	11.896	901	902	904	rVV2	414359	504241	8.52%	0.731%
63	11.942	904	906	907	rVV	223130	222789	3.76%	0.323%
64	11.976	907	909	914	rVV	392259	632477	10.68%	0.917%
65	12.079	914	918	921	rVV4	182525	368510	6.23%	0.534%
66	12.182	923	927	931	rVB4	244810	452001	7.64%	0.656%
67	12.319	936	939	940	rBV3	55186	99033	1.67%	0.144%
68	12.365	940	943	945	rVB	100552	157032	2.65%	0.228%
69	12.422	945	948	949	rBV	240127	309741	5.23%	0.449%
70	12.468	949	952	954	rBV2	116292	261995	4.43%	0.380%
71	12.502	954	955	958	rVB	261833	221648	3.74%	0.321%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060616\
Data File : BF087749.D
Acq On : 6 Jun 2016 13:44
Operator : UM/SJ
Sample : H3290-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

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

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	12.582	959	962	964	rBV	2327195	2210763	37.35%	3.207%
73	12.639	964	967	968	rBV2	70726	125832	2.13%	0.183%
74	12.674	968	970	971	rBV	230860	194200	3.28%	0.282%
75	12.708	971	973	978	rBV4	83443	222840	3.76%	0.323%
76	12.811	978	982	984	rBV2	2081495	2704561	45.69%	3.923%
77	12.925	990	992	993	rBV	217325	243224	4.11%	0.353%
78	12.959	993	995	997	rVV	2306635	2414992	40.80%	3.503%
79	13.028	997	1001	1005	rVV3	236049	422170	7.13%	0.612%
80	13.131	1007	1010	1012	rVB2	312466	584068	9.87%	0.847%
81	13.199	1014	1016	1017	rVV2	248015	232587	3.93%	0.337%
82	13.234	1017	1019	1023	rVB	316398	410625	6.94%	0.596%
83	13.325	1026	1027	1029	rVB	135479	136337	2.30%	0.198%
84	13.359	1029	1030	1032	rBV2	176858	170937	2.89%	0.248%
85	13.428	1035	1036	1040	rVB2	186432	210593	3.56%	0.305%
86	13.485	1040	1041	1043	rBV2	127243	200987	3.40%	0.292%
87	13.634	1052	1054	1057	rVB	264835	360588	6.09%	0.523%
88	13.748	1062	1064	1066	rBV	298590	446497	7.54%	0.648%
89	13.782	1066	1067	1068	rVV	282595	241977	4.09%	0.351%
90	13.851	1071	1073	1076	rVB2	234763	459890	7.77%	0.667%
91	13.999	1083	1086	1088	rBV2	1543388	2713237	45.84%	3.935%
92	14.034	1088	1089	1092	rVB	1280116	1073974	18.14%	1.558%
93	14.388	1118	1120	1122	rBV	227120	302518	5.11%	0.439%
94	15.040	1173	1177	1181	rBV	1082704	2521492	42.60%	3.657%
95	15.131	1183	1185	1187	rVB	322508	429650	7.26%	0.623%
96	15.325	1199	1202	1205	rVB	622504	907895	15.34%	1.317%
97	15.382	1205	1207	1210	rBV	744658	983054	16.61%	1.426%
98	15.440	1210	1212	1214	rBV	456102	700092	11.83%	1.015%
99	16.834	1331	1334	1338	rVB2	347729	740370	12.51%	1.074%
100	17.257	1368	1371	1381	rVB	314867	757876	12.80%	1.099%

Sum of corrected areas: 68945560

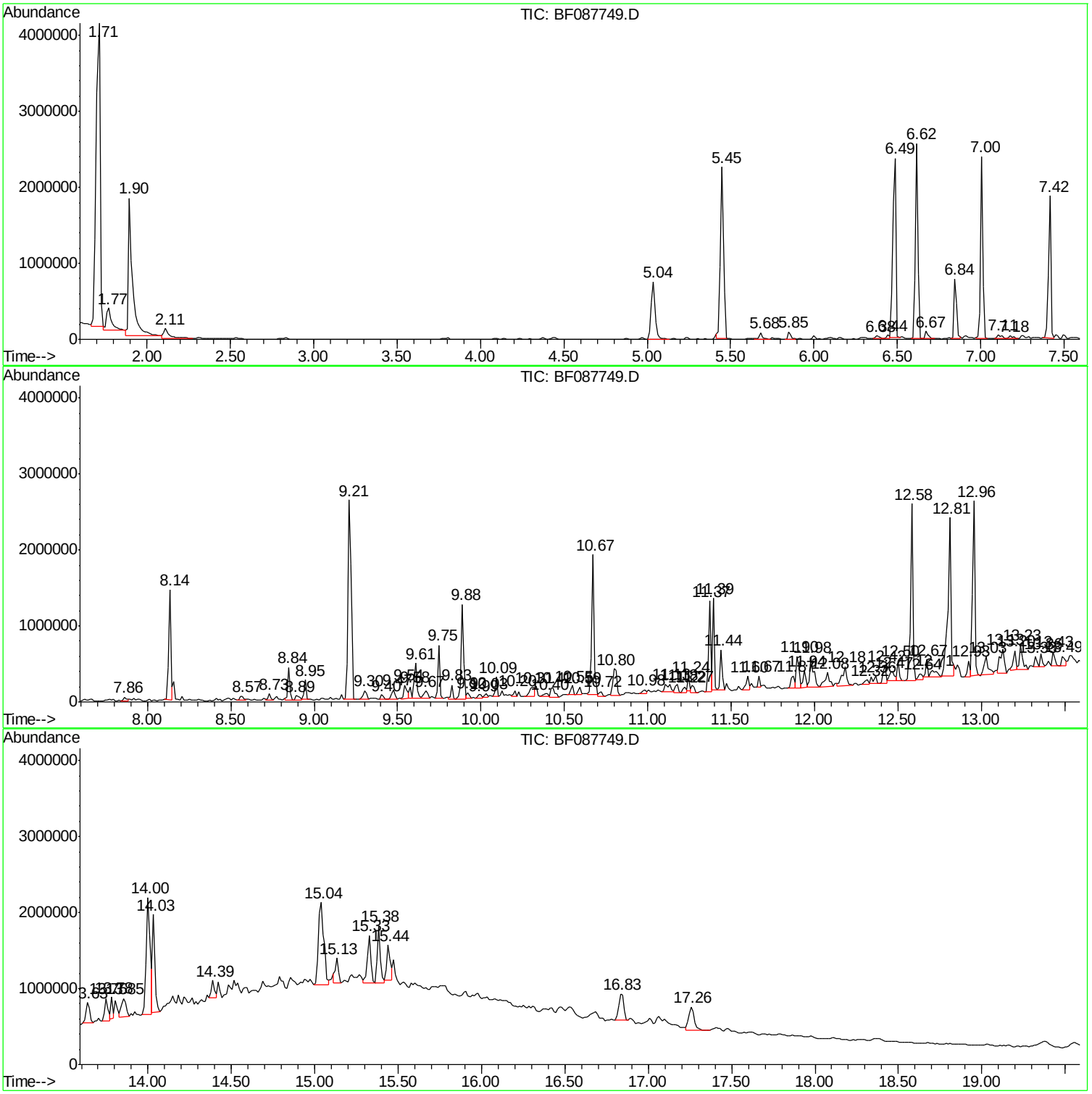
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060616\
Data File : BF087749.D
Acq On : 6 Jun 2016 13:44
Operator : UM/SJ
Sample : H3290-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

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

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF060616\
Data File : BF087749.D
Acq On : 6 Jun 2016 13:44
Operator : UM/SJ
Sample : H3290-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

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

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

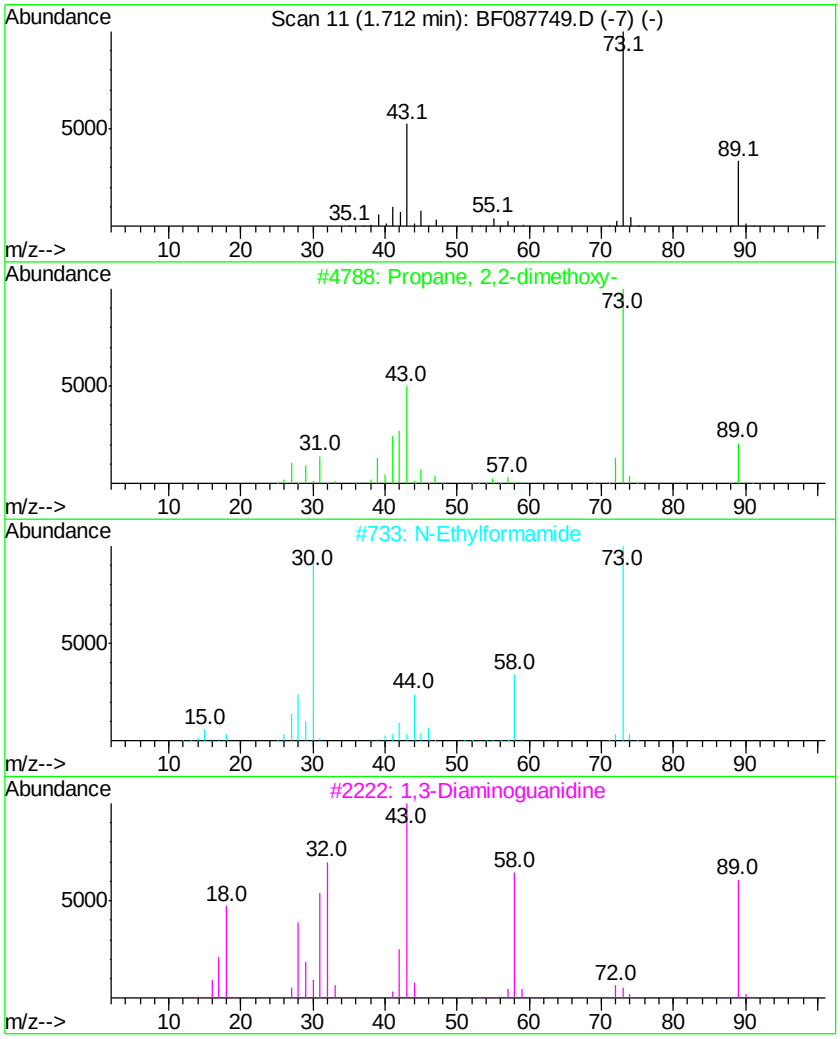
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

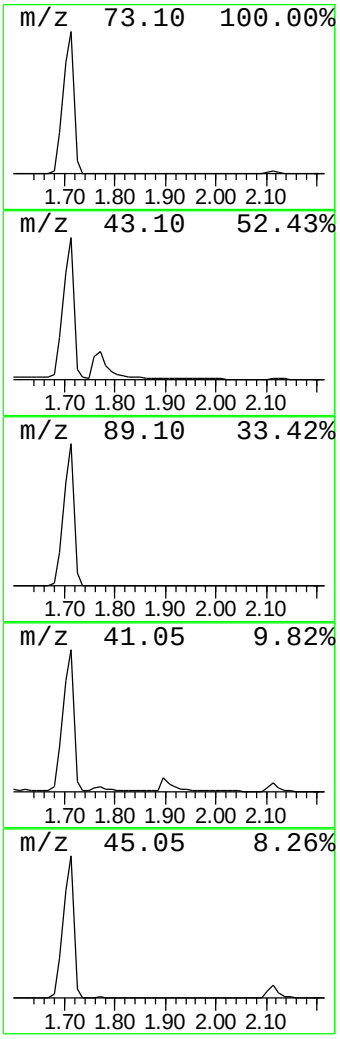
****

Peak Number 1 Propane, 2,2-dimethoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.71	130.98 ng	5919410	1,4-Dichlorobenzene-d4	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	56
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	9
4	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9
5	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060616\
Data File : BF087749.D
Acq On : 6 Jun 2016 13:44
Operator : UM/SJ
Sample : H3290-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

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

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

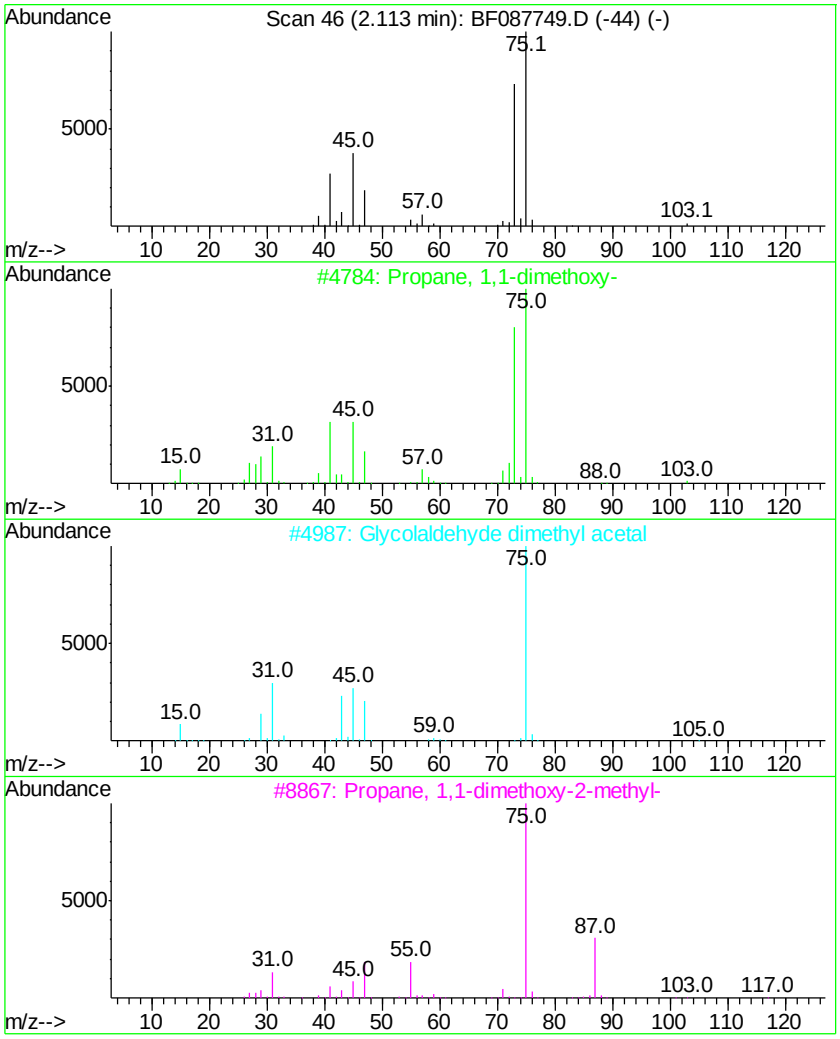
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

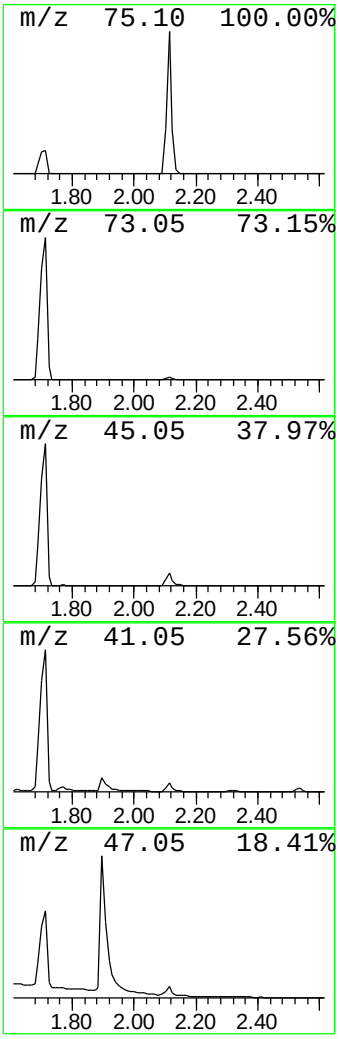
****

Peak Number 4 Propane, 1,1-dimethoxy- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.11	5.80 ng	262190	1,4-Dichlorobenzene-d4	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	83
2	Glycolaldehyde dimethyl acetal	106	C4H10O3	030934-97-5	39
3	Propane, 1,1-dimethoxy-2-methyl-	118	C6H14O2	041632-89-7	33
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	14
5	Thiocyanic acid, methyl ester	73	C2H3NS	000556-64-9	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060616\
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Acq On : 6 Jun 2016 13:44
Operator : UM/SJ
Sample : H3290-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

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

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

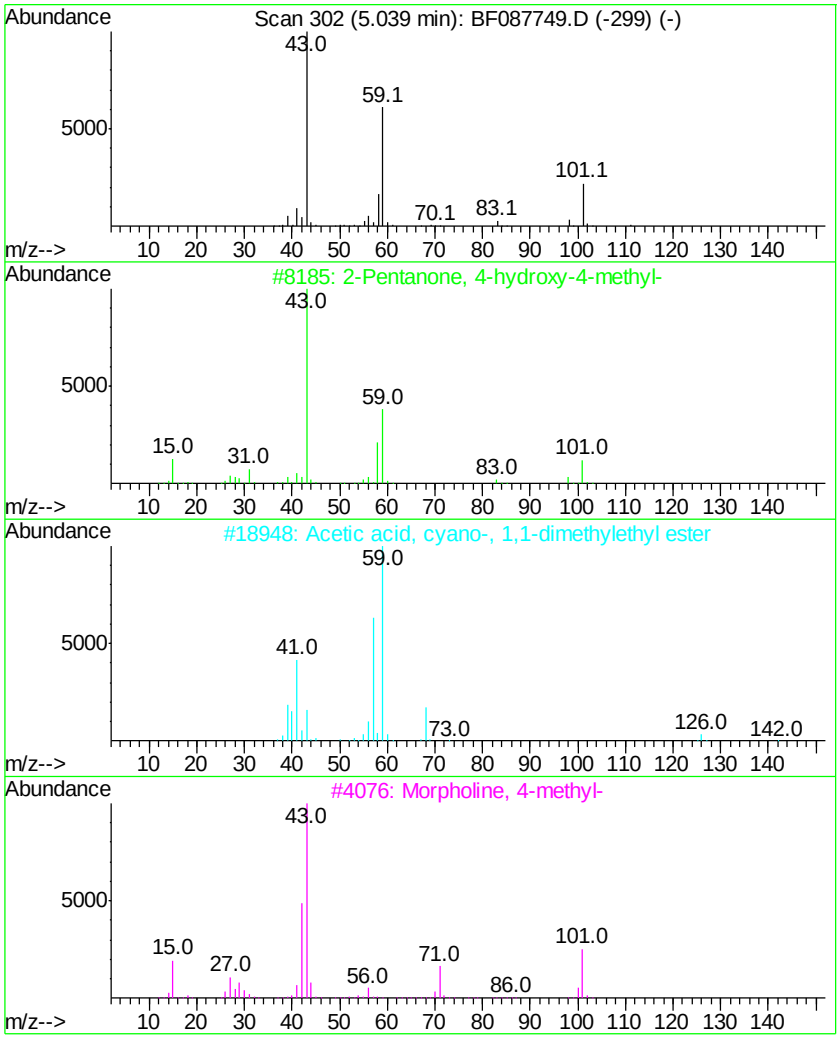
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

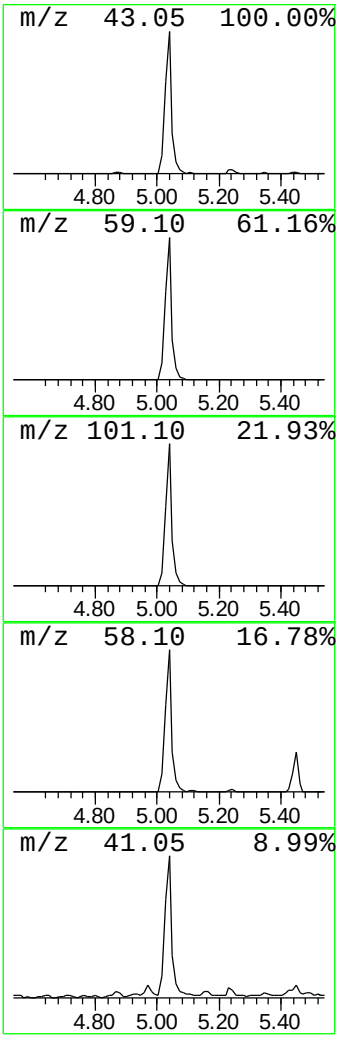
****

Peak Number 5 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.04	25.21 ng	1139540	1,4-Dichlorobenzene-d4	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060616\
Data File : BF087749.D
Acq On : 6 Jun 2016 13:44
Operator : UM/SJ
Sample : H3290-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

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

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

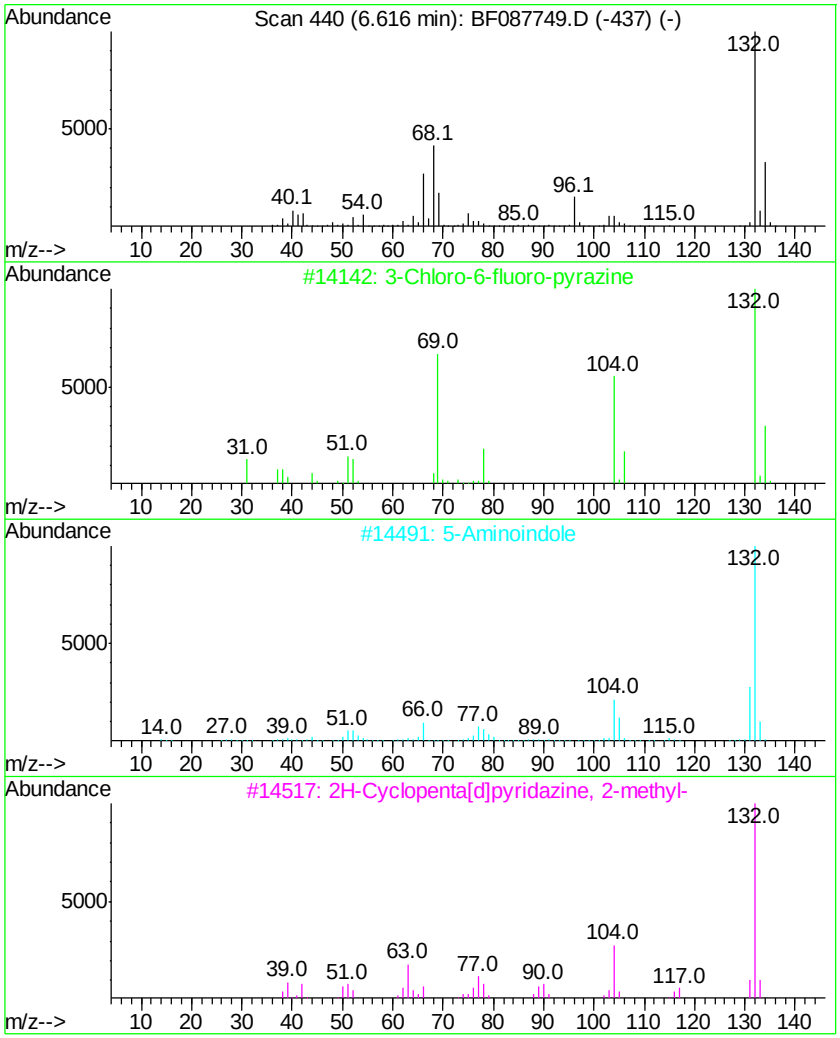
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

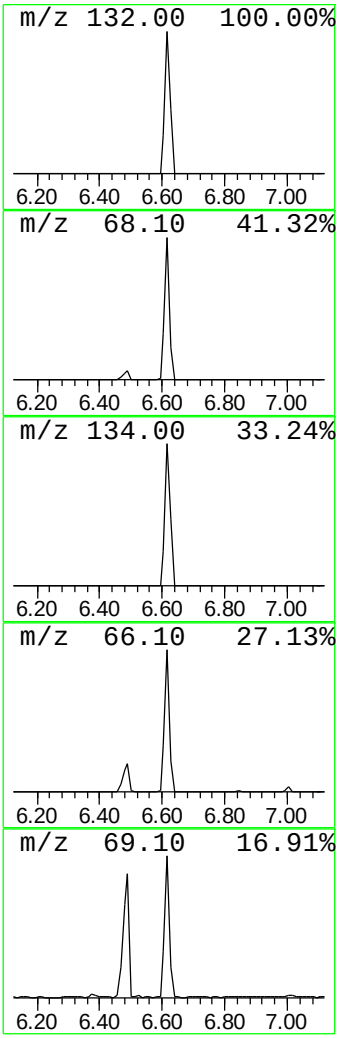
****

Peak Number 6 unknown6.62 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	63.66 ng	2877200	1,4-Dichlorobenzene-d4	6.84

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	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
4	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060616\
Data File : BF087749.D
Acq On : 6 Jun 2016 13:44
Operator : UM/SJ
Sample : H3290-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

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

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

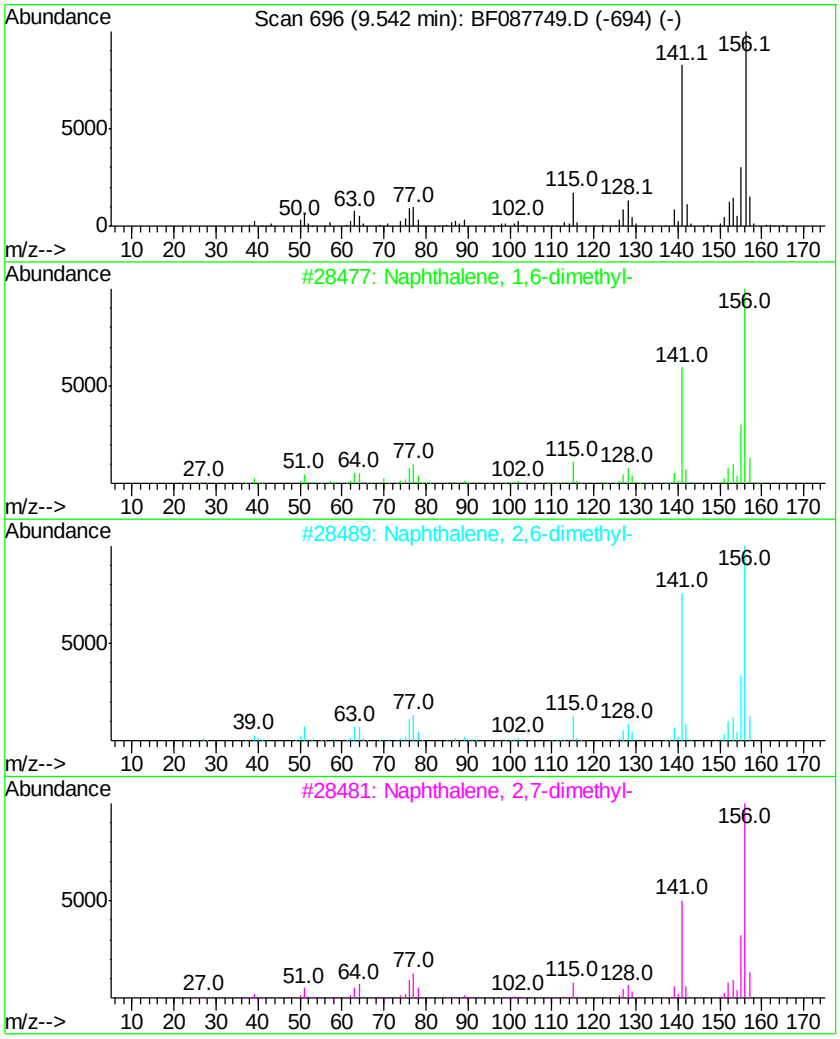
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

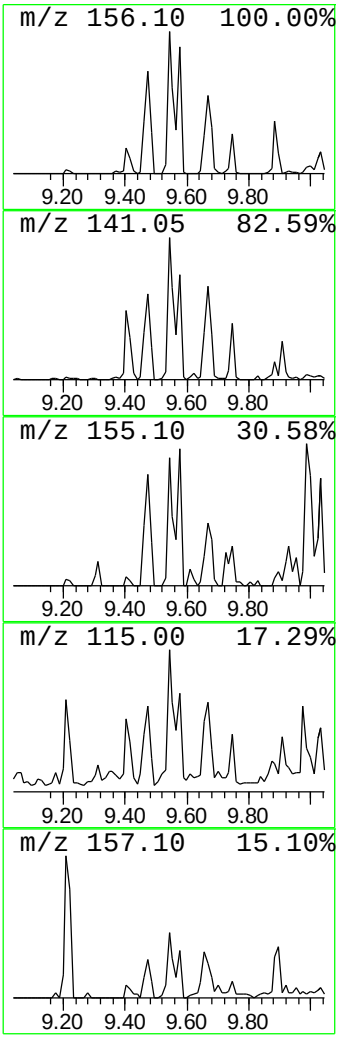
****

Peak Number 8 Naphthalene, 1,6-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.54	3.96 ng	263463	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060616\
Data File : BF087749.D
Acq On : 6 Jun 2016 13:44
Operator : UM/SJ
Sample : H3290-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

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

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

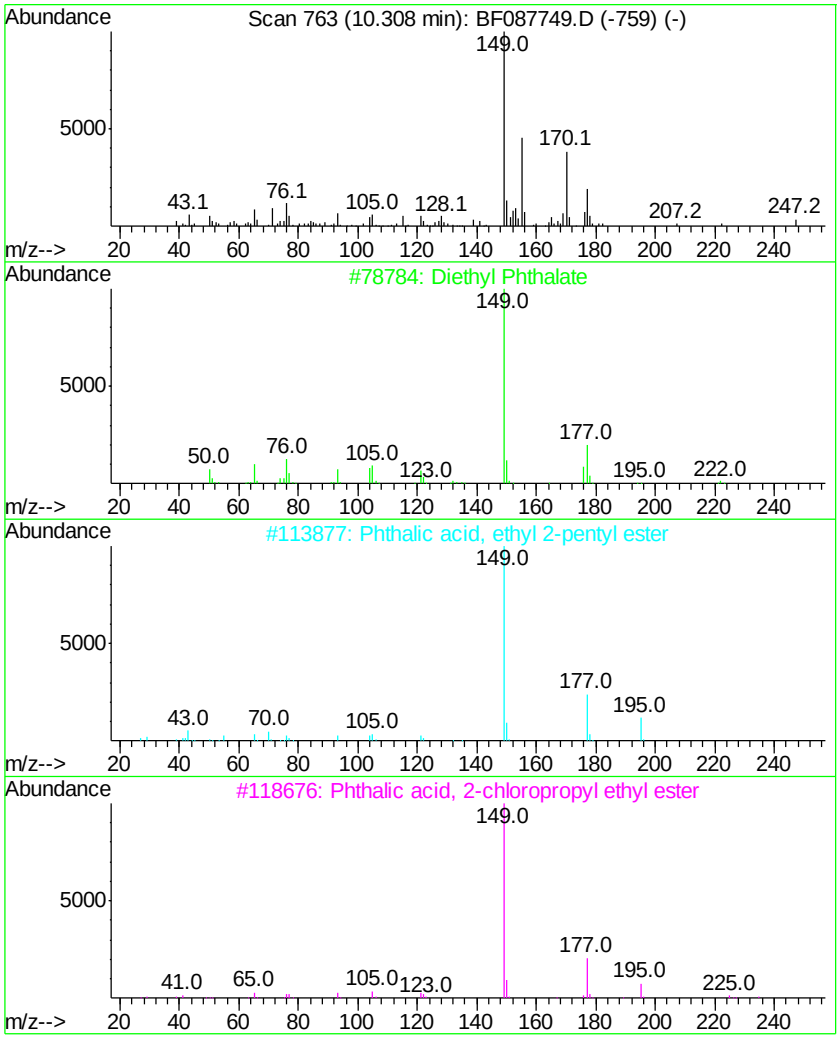
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

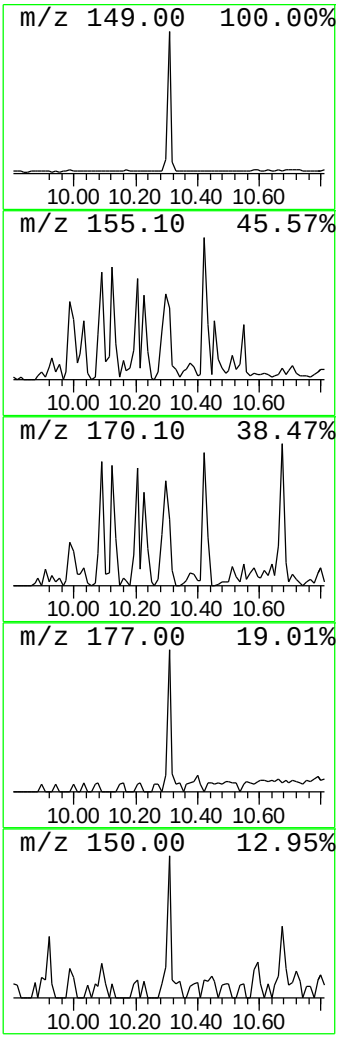
****

Peak Number 9 Diethyl Phthalate Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.31	4.15 ng	275832	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethyl Phthalate	222	C12H14O4	000084-66-2	64
2	Phthalic acid, ethyl 2-pentyl ester	264	C15H20O4	1000315-47-4	38
3	Phthalic acid, 2-chloropropyl et...	270	C13H15ClO4	1000356-82-2	38
4	Phthalic acid, ethyl hept-2-yl e...	292	C17H24O4	1000356-96-8	35
5	Phthalic acid, 4,4-dimethylpent-...	306	C18H26O4	1000371-14-3	35





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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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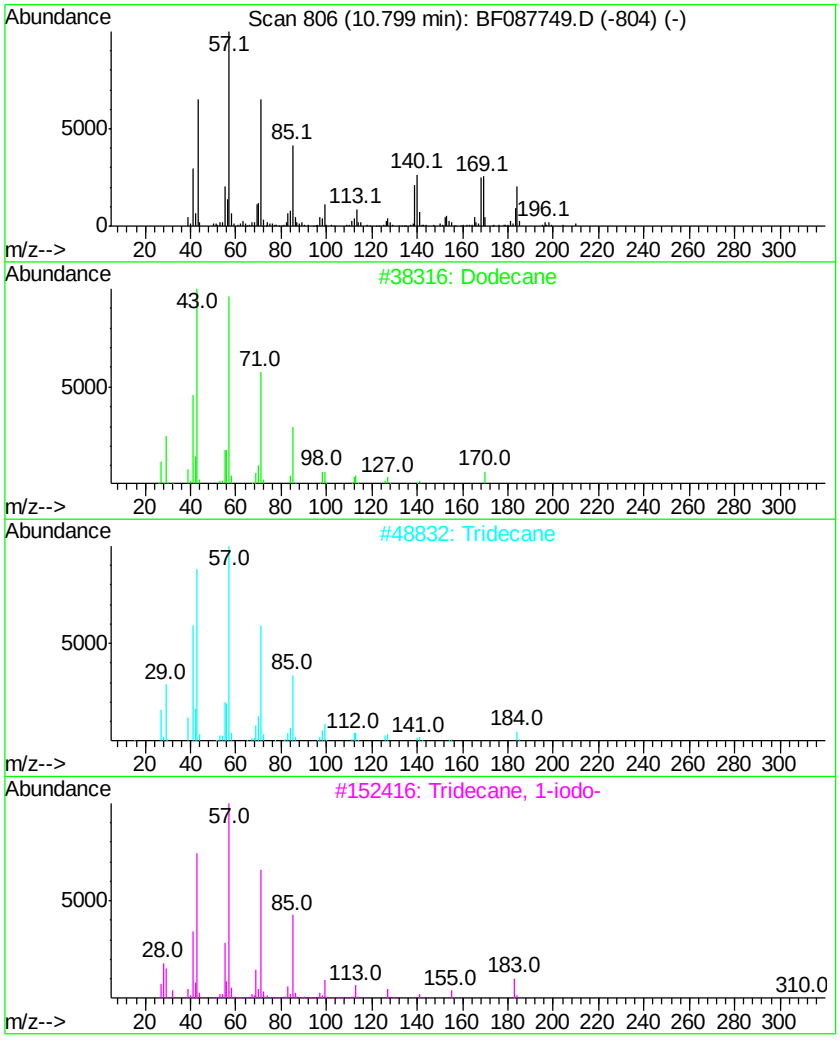
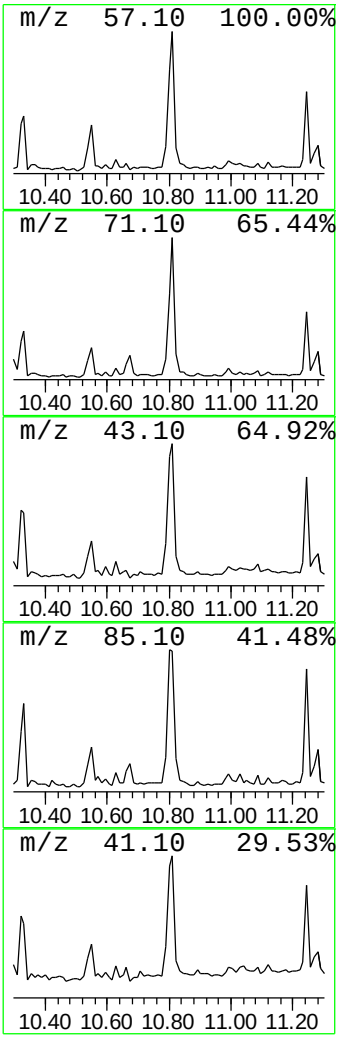
Peak Number 10 Dodecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	9.72 ng	574442	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	52
2	Tridecane	184	C13H28	000629-50-5	46
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	45
4	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	43
5	3,5-Dimethyldodecane	198	C14H30	107770-99-0	43





Library Search Compound Report

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Operator : UM/SJ
Sample : H3290-01
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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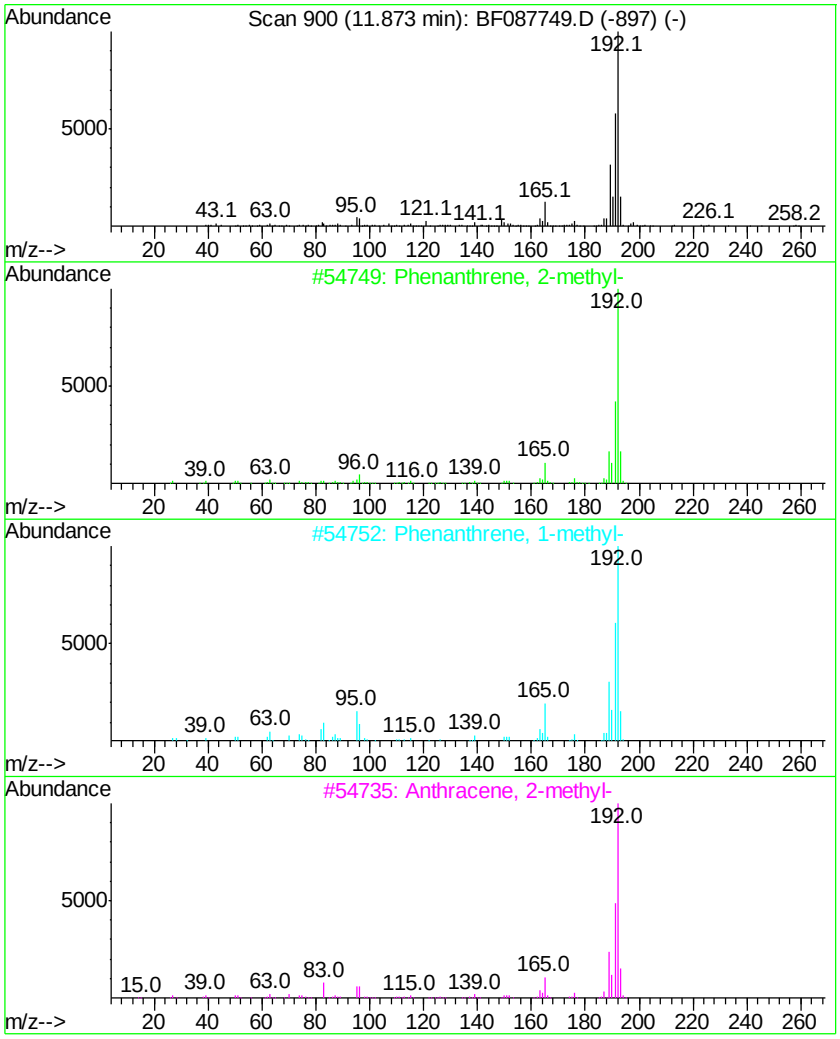
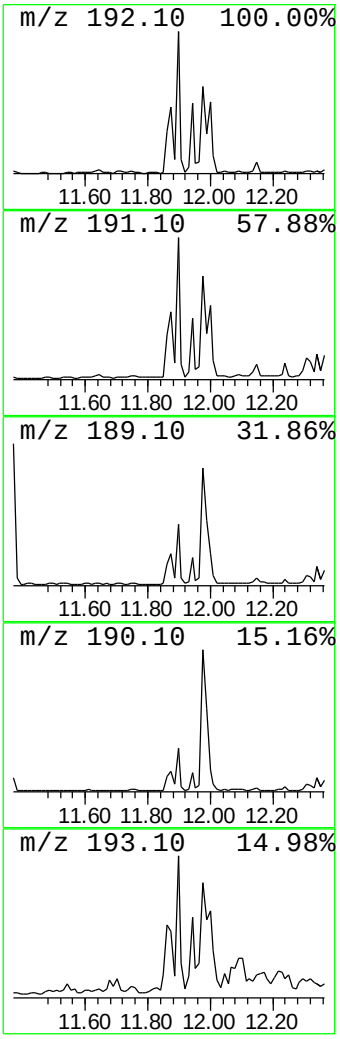
Peak Number 11 Phenanthrene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	4.64 ng	274240	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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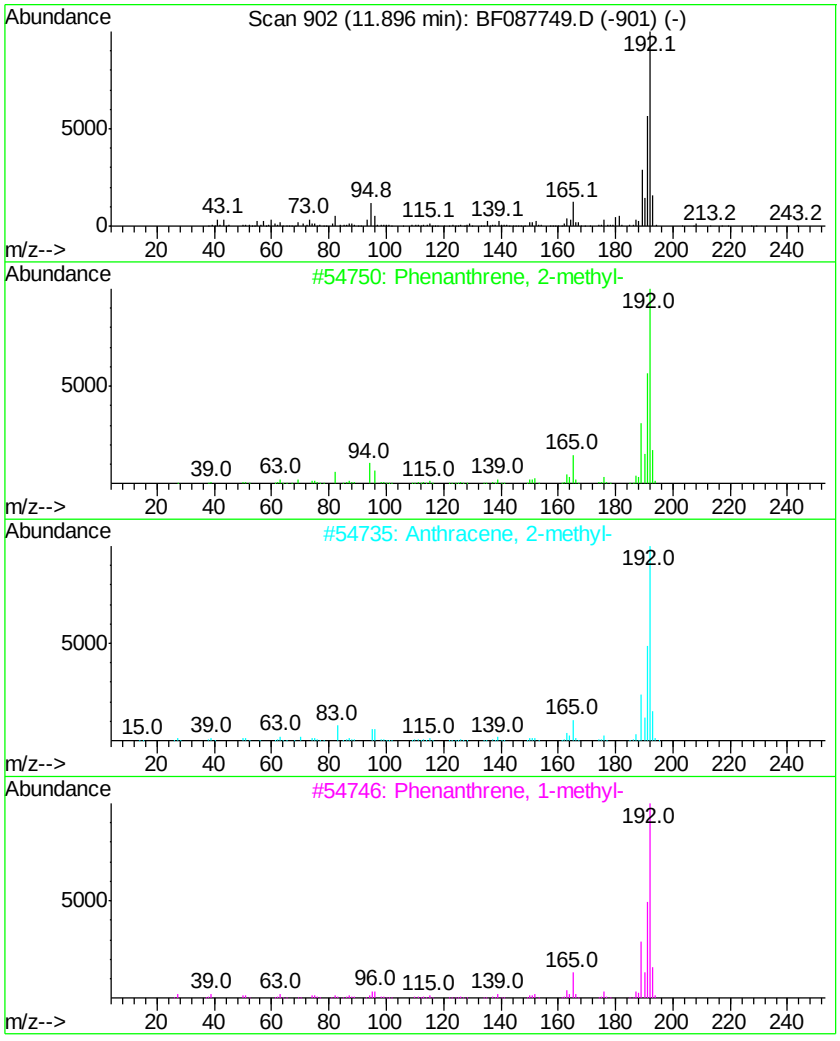
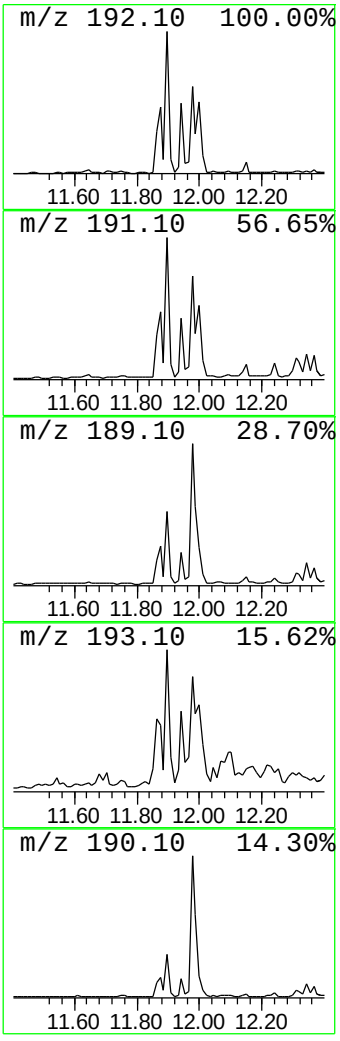
Peak Number 12 Phenanthrene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	8.54 ng	504241	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





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ClientSampleId : GM-SP-(0-4)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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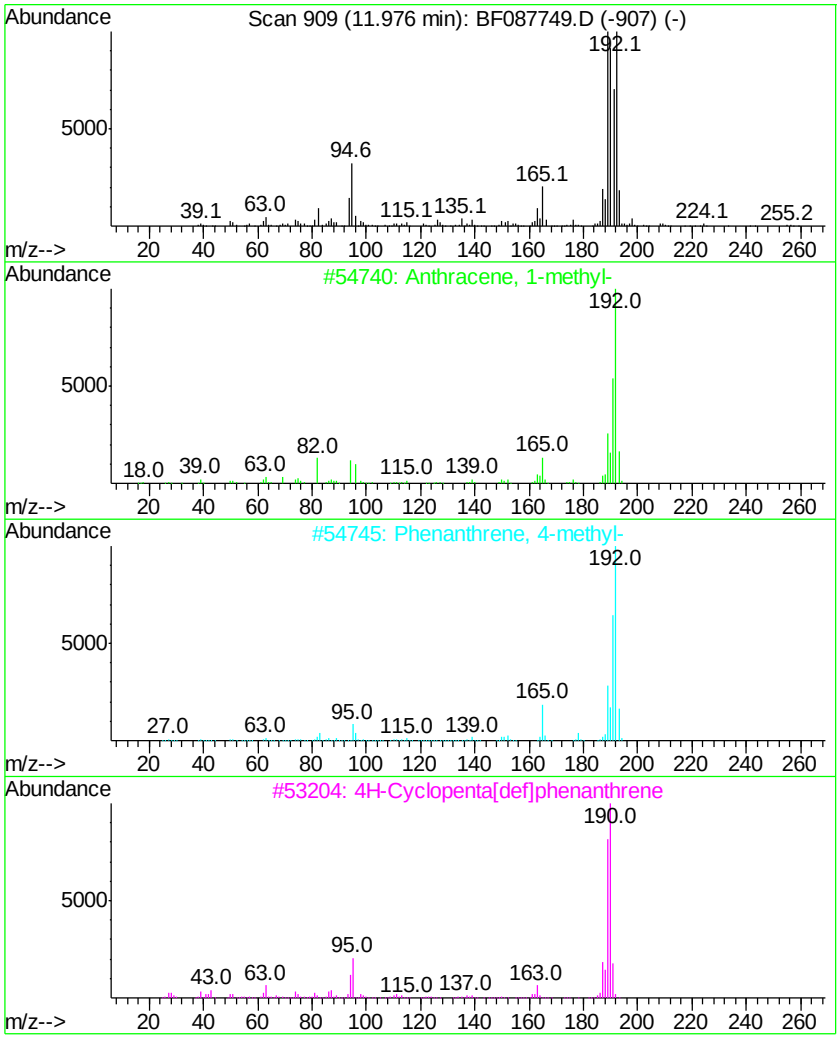
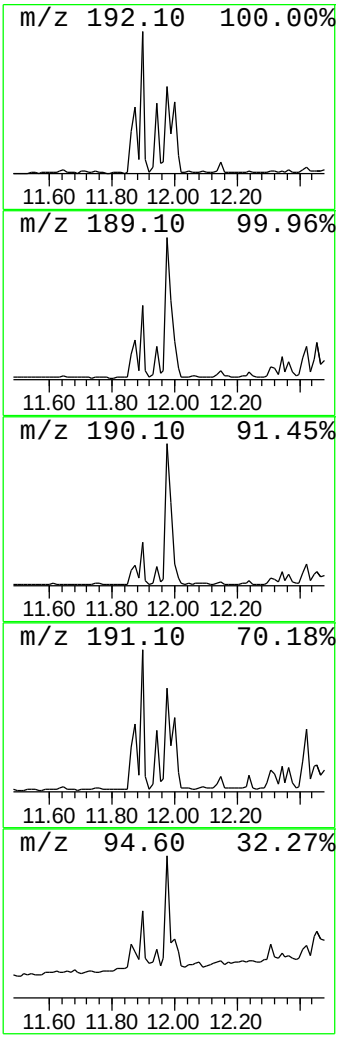
Peak Number 13 Anthracene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	10.71 ng	632477	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	60
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	55
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	50
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	42
5	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	42





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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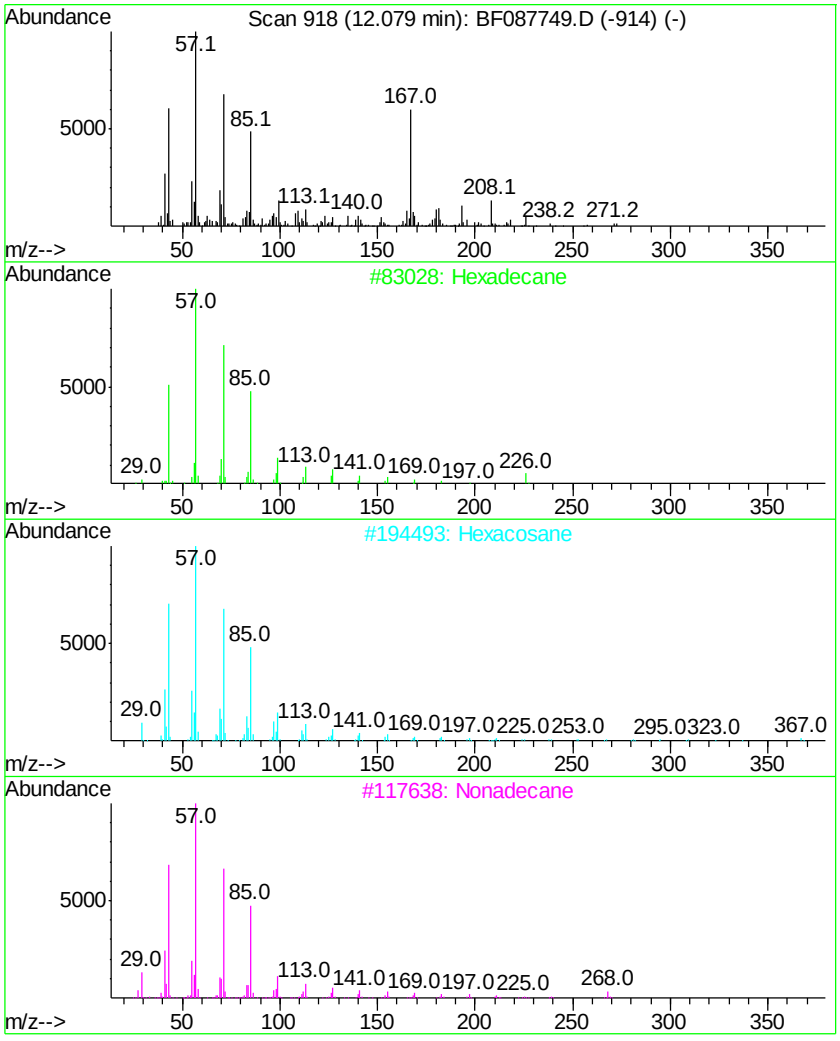
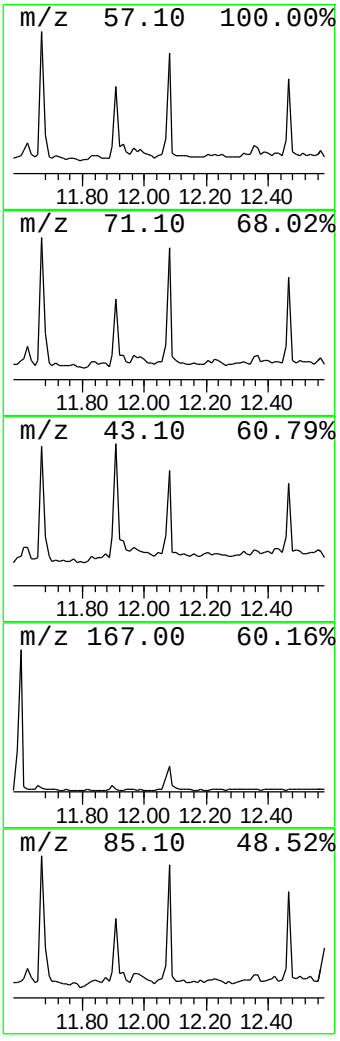
Peak Number 14 Hexadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.08	6.24 ng	368510	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	87
2	Hexacosane	366	C26H54	000630-01-3	49
3	Nonadecane	268	C19H40	000629-92-5	49
4	Dodecane	170	C12H26	000112-40-3	49
5	Tetradecane	198	C14H30	000629-59-4	46





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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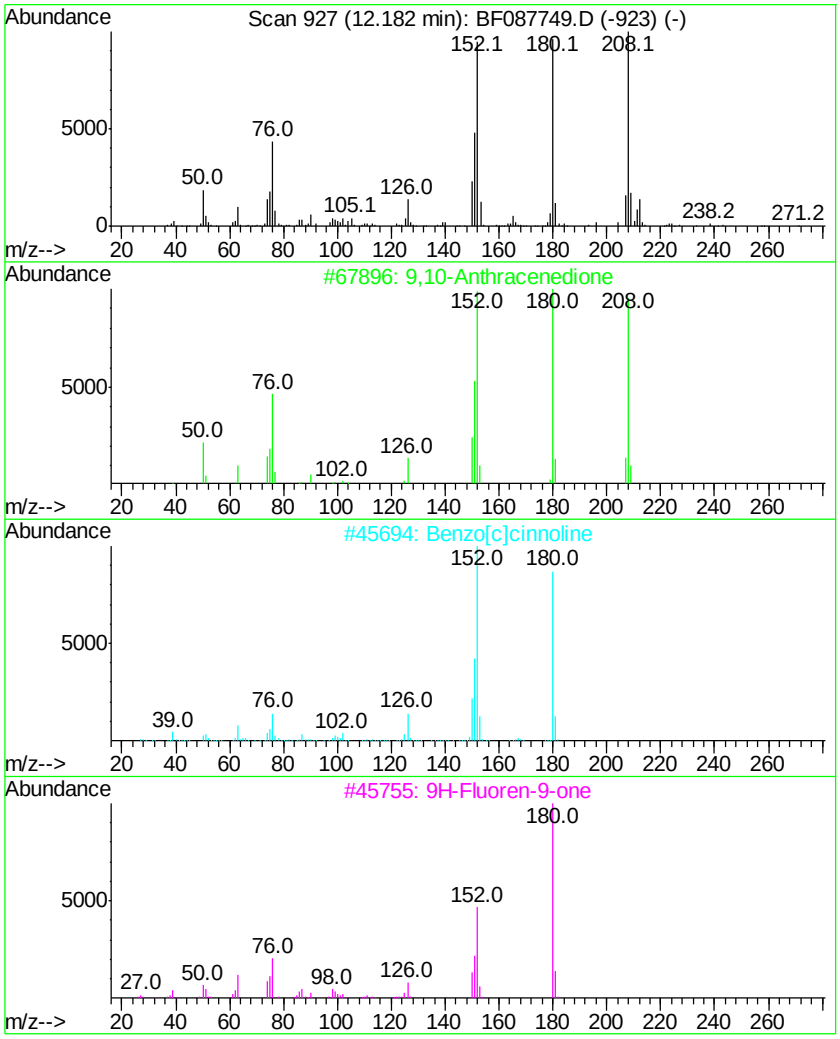
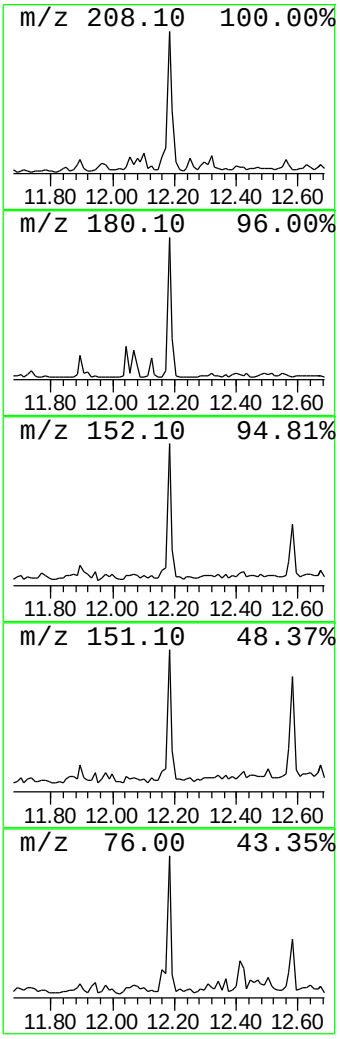
Peak Number 15 9,10-Anthracenedione Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.18	7.65 ng	452001	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	95
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	70
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	64
5	1,4-Anthracenedione	208	C14H8O2	000635-12-1	53





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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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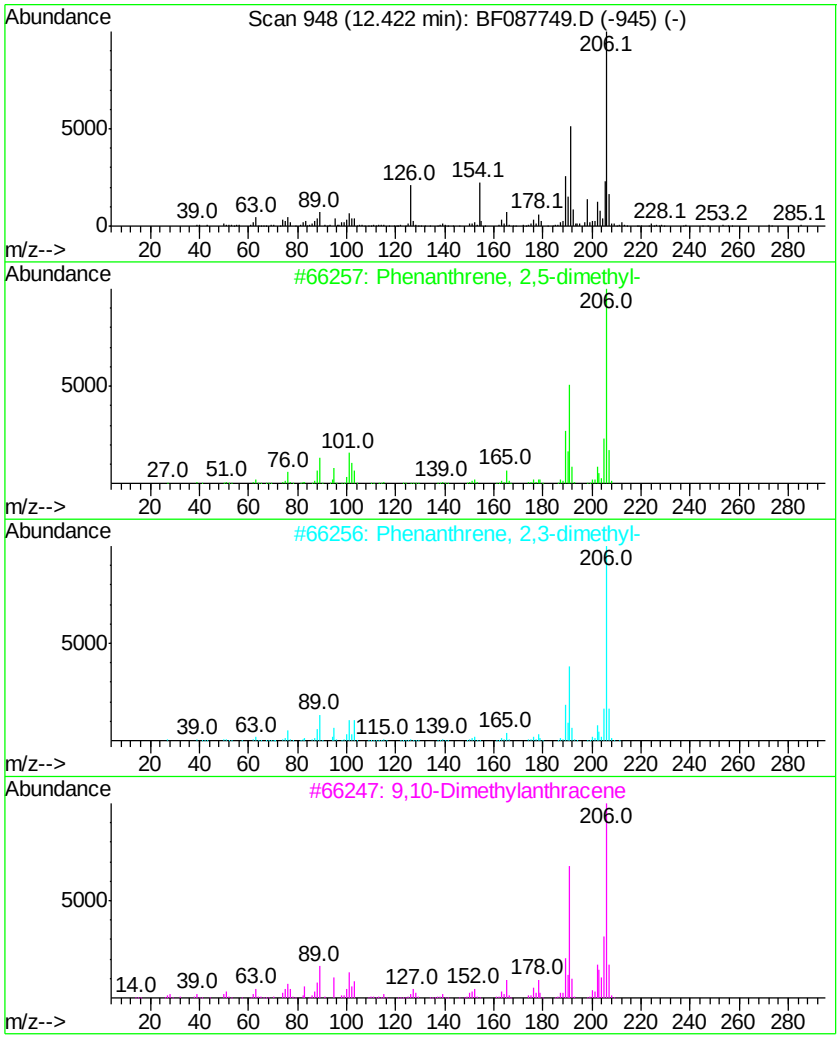
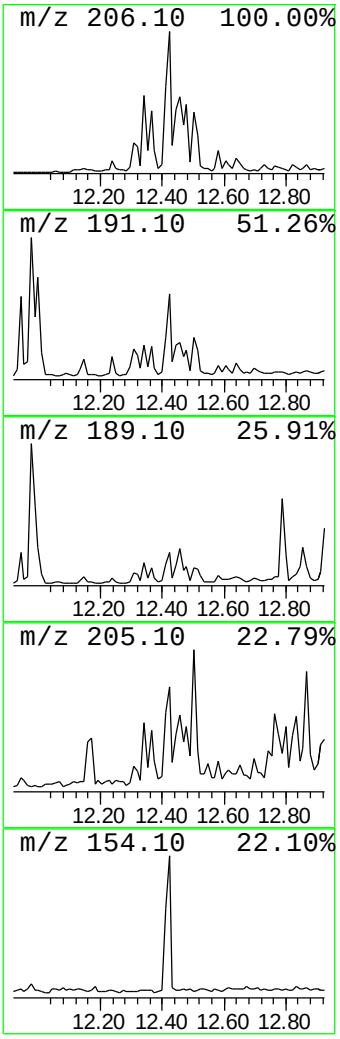
Peak Number 16 Phenanthrene, 2,5-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	5.24 ng	309741	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	89
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	86
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	83
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	70





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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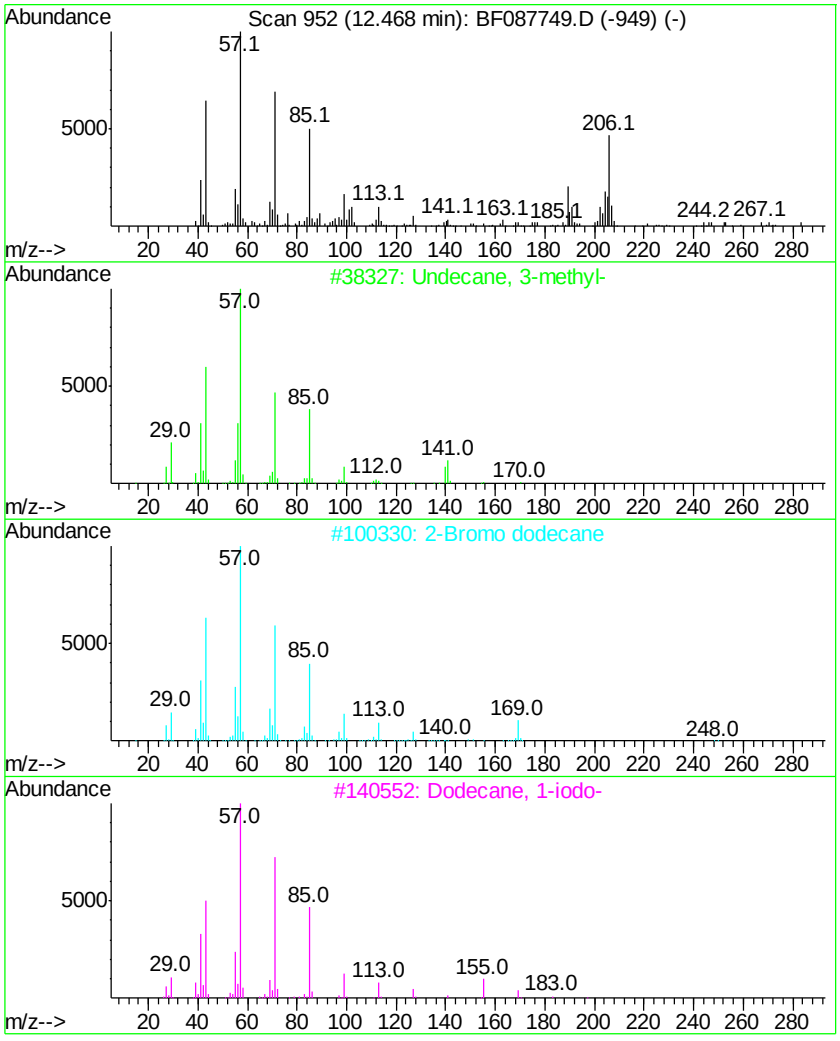
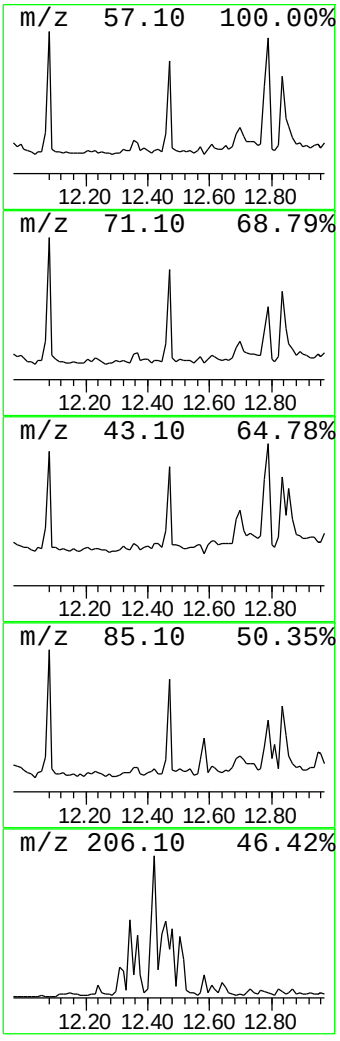
Peak Number 17 unknown12.47 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	4.44 ng	261995	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3-methyl-	170	C12H26	001002-43-3	38
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	35
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	35
4	Hexadecane	226	C16H34	000544-76-3	30
5	Succinic acid, hexadecyl tetrahy...	426	C25H46O5	1000329-87-2	27





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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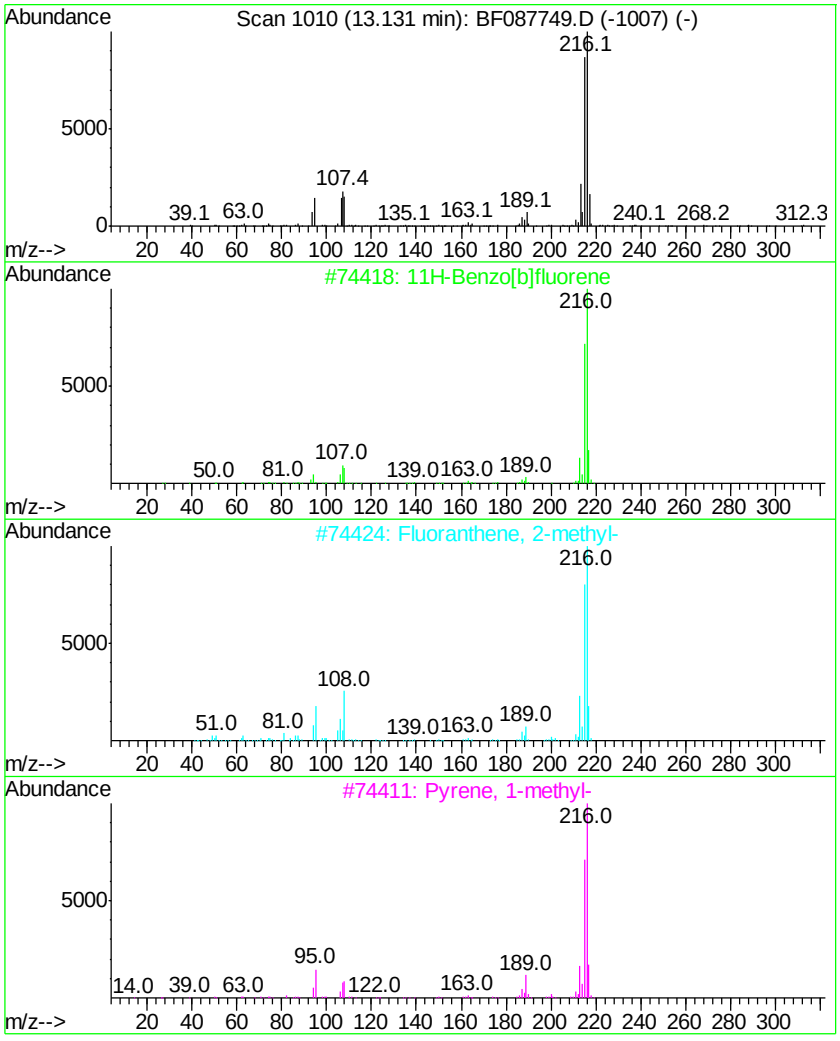
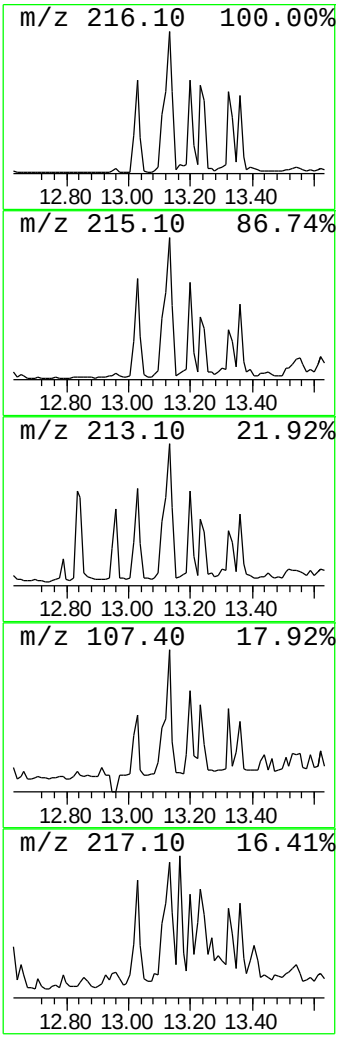
Peak Number 18 11H-Benzo[b]fluorene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.13	4.31 ng	584068	Chrysene-d12	14.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	87
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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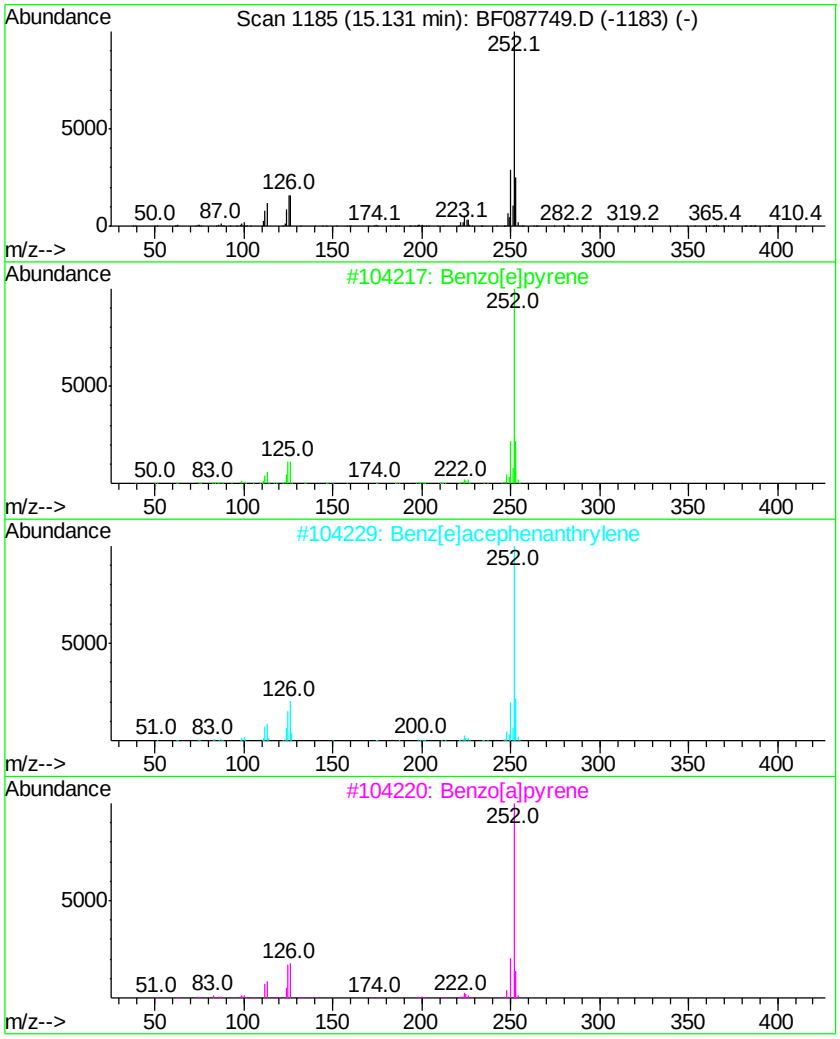
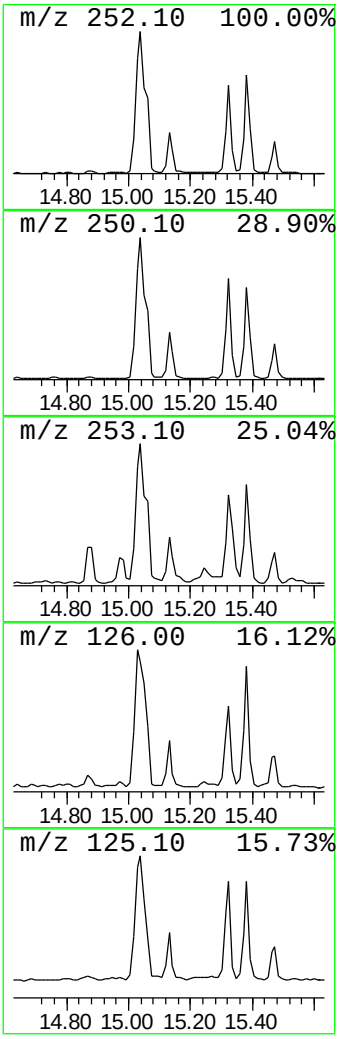
Peak Number 19 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.13	12.27 ng	429650	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
3	Benzo[a]pyrene	252	C20H12	000050-32-8	94
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Perylene	252	C20H12	000198-55-0	93





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Sample : H3290-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

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

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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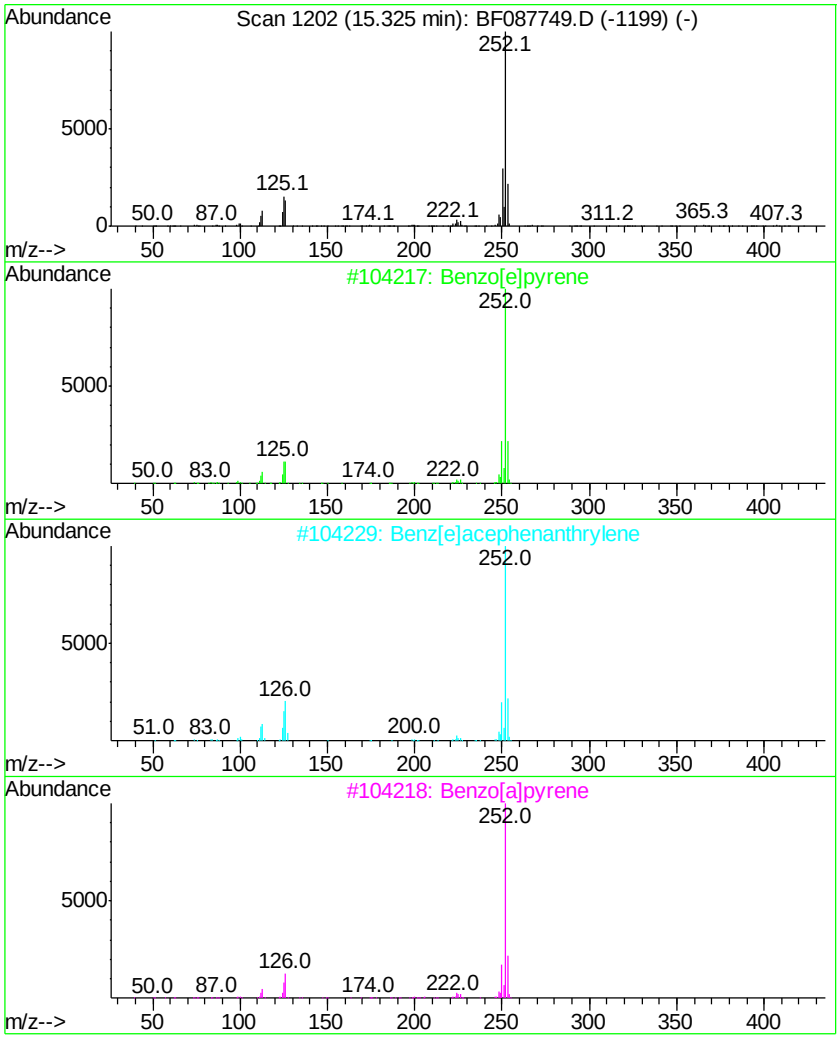
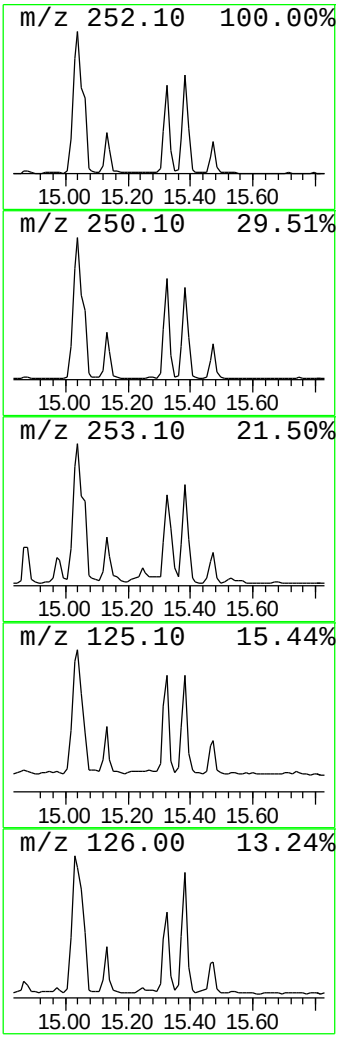
Peak Number 20 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.33	25.94 ng	907895	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
5	Perylene	252	C20H12	000198-55-0	90





Tentatively Identified Compound (LSC) summary

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Operator : UM/SJ
Sample : H3290-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

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

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Propane, 2,2-dime...	1.71	131.0	ng	5919410	1	6.84	903865	20.0
Propane, 1,1-dime...	2.11	5.8	ng	262190	1	6.84	903865	20.0
2-Pentanone, 4-hy...	5.04	25.2	ng	1139540	1	6.84	903865	20.0
unknown6.62	6.62	63.7	ng	2877200	1	6.84	903865	20.0
Naphthalene, 1,6-...	9.54	4.0	ng	263463	3	9.88	1330320	20.0
Diethyl Phthalate	10.31	4.2	ng	275832	3	9.88	1330320	20.0
Dodecane	10.80	9.7	ng	574442	4	11.37	1181380	20.0
Phenanthrene, 2-m...	11.87	4.6	ng	274240	4	11.37	1181380	20.0
Phenanthrene, 2-m...	11.90	8.5	ng	504241	4	11.37	1181380	20.0
Anthracene, 1-met...	11.98	10.7	ng	632477	4	11.37	1181380	20.0
Hexadecane	12.08	6.2	ng	368510	4	11.37	1181380	20.0
9,10-Anthracenedione	12.18	7.7	ng	452001	4	11.37	1181380	20.0
Phenanthrene, 2,5...	12.42	5.2	ng	309741	4	11.37	1181380	20.0
unknown12.47	12.47	4.4	ng	261995	4	11.37	1181380	20.0
11H-Benzo[b]fluorene	13.13	4.3	ng	584068	5	14.01	2713240	20.0
Benzo[e]pyrene	15.13	12.3	ng	429650	6	15.44	700092	20.0
Benzo[e]pyrene	15.33	25.9	ng	907895	6	15.44	700092	20.0