LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060616\
Data File : BF087753.D
Acq On : 6 Jun 2016 15:43
Operator : UM/SJ
Sample : H3267-19
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STA-TA-1275+50(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	1.713	7	11	14	rVB	3896424	5517454	100.00%	8.034%
2	1.770	14	16	25	rVV	264672	642983	11.65%	0.936%
3	1.895	25	27	44	rVB	2073078	3507114	63.56%	5.107%
4	2.113	44	46	63	rVB2	125228	283001	5.13%	0.412%
5	5.027	299	301	310	rVB	341838	558349	10.12%	0.813%
6	5.416	333	335	336	rBV	71127	108336	1.96%	0.158%
7	5.450	336	338	340	rVB	2158580	2128115	38.57%	3.099%
8	6.479	426	428	431	rVV2	1700478	2398905	43.48%	3.493%
9	6.616	437	440	443	rBV	2315501	2320657	42.06%	3.379%
10	6.673	443	445	449	rVV2	83706	119763	2.17%	0.174%
11	6.845	458	460	464	rVB	639160	779104	14.12%	1.135%
12	7.005	471	474	477	rVV	2083675	1995841	36.17%	2.906%
13	7.416	506	510	512	rBV	1614802	1719792	31.17%	2.504%
14	7.507	515	518	520	rBV3	66590	109430	1.98%	0.159%
15	8.136	570	573	577	rVV2	1183246	1445640	26.20%	2.105%
16	8.570	608	611	612	rBV	92533	130833	2.37%	0.191%
17	8.845	633	635	637	rVB	333113	322902	5.85%	0.470%
18	8.948	642	644	646	rVV	269446	229344	4.16%	0.334%
19	9.210	665	667	669	rVB	2461189	2594050	47.02%	3.777%
20	9.302	672	675	677	rBV2	129902	186133	3.37%	0.271%
21	9.473	687	690	692	rVB	112423	163475	2.96%	0.238%
22	9.542	695	696	698	rVV	144273	217499	3.94%	0.317%
23	9.611	700	702	705	rBV	729211	762028	13.81%	1.110%
24	9.668	705	707	709	rVB	101440	140016	2.54%	0.204%
25	9.748	712	714	716	rVB	657020	539356	9.78%	0.785%
26	9.828	720	721	723	rVB	192042	140996	2.56%	0.205%
27	9.885	723	726	728	rBV2	930395	1092846	19.81%	1.591%
28	9.919	728	729	731	rVB	113784	108546	1.97%	0.158%
29	10.091	742	744	746	rBV	281814	221585	4.02%	0.323%
30	10.296	760	762	763	rBV2	155094	183773	3.33%	0.268%
31	10.331	763	765	767	rVB2	148854	172288	3.12%	0.251%
32	10.433	772	774	777	rVB2	157737	246885	4.47%	0.360%
33	10.548	781	784	785	rBV2	142119	142554	2.58%	0.208%
34	10.593	785	788	789	rBV	120084	114027	2.07%	0.166%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
ClientSampleId : STA-TA-1275+50(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
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.673	792	795	797	rVB	1465921	1465444	26.56%	2.134%
36	10.799	801	806	809	rBV3	425836	680131	12.33%	0.990%
37	11.005	818	824	825	rBV5	92746	230731	4.18%	0.336%
38	11.131	831	835	837	rVV3	114141	229918	4.17%	0.335%
39	11.176	837	839	841	rVB2	161594	172910	3.13%	0.252%
40	11.222	841	843	844	rBV	101274	130534	2.37%	0.190%
41	11.245	844	845	846	rVV	254957	195828	3.55%	0.285%
42	11.268	846	847	850	rVB2	125157	170053	3.08%	0.248%
43	11.371	854	856	857	rBV	958944	976350	17.70%	1.422%
44	11.394	857	858	860	rVV	1389317	1027973	18.63%	1.497%
45	11.439	860	862	864	rVB	395657	477475	8.65%	0.695%
46	11.542	867	871	873	rVB4	63391	138974	2.52%	0.202%
47	11.599	873	876	877	rBV	224403	248180	4.50%	0.361%
48	11.668	881	882	884	rVV	201589	205614	3.73%	0.299%
49	11.874	897	900	901	rBV	298865	328263	5.95%	0.478%
50	11.896	901	902	904	rVB	533091	508299	9.21%	0.740%
51	11.942	904	906	907	rBV	199565	173704	3.15%	0.253%
52	11.976	907	909	914	rVB	475562	823459	14.92%	1.199%
53	12.056	914	916	917	rBV2	64942	118985	2.16%	0.173%
54	12.079	917	918	921	rVV2	202654	227522	4.12%	0.331%
55	12.182	923	927	931	rVB4	221384	530896	9.62%	0.773%
56	12.319	936	939	940	rBV2	105809	168431	3.05%	0.245%
57	12.342	940	941	942	rBV	125616	111996	2.03%	0.163%
58	12.422	945	948	949	rBV	407029	442134	8.01%	0.644%
59	12.457	949	951	954	rVB2	168612	354300	6.42%	0.516%
60	12.502	954	955	959	rVB2	258536	253043	4.59%	0.368%
61	12.582	959	962	964	rBV	2221183	2291457	41.53%	3.337%
62	12.628	964	966	969	rBV2	98327	187503	3.40%	0.273%
63	12.674	969	970	972	rVB	240035	166841	3.02%	0.243%
64	12.811	979	982	985	rBV	2100845	2636703	47.79%	3.839%
65	12.857	985	986	989	rVB2	158474	232157	4.21%	0.338%
66	12.925	990	992	993	rBV	213662	222605	4.03%	0.324%
67	12.959	993	995	997	rVB	1850219	1898537	34.41%	2.765%
68	13.028	997	1001	1005	rBV3	313985	414785	7.52%	0.604%
69	13.131	1007	1010	1012	rVB2	373963	814077	14.75%	1.185%
70	13.199	1012	1016	1018	rBV	360817	536269	9.72%	0.781%
71	13.234	1018	1019	1023	rVB3	356750	496983	9.01%	0.724%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
ClientSampleId : STA-TA-1275+50(0-4)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.325	1026	1027	1029	rVB2	165010	212566	3.85%	0.310%
73	13.359	1029	1030	1032	rBV	262552	249834	4.53%	0.364%
74	13.542	1044	1046	1049	rVB3	150968	262188	4.75%	0.382%
75	13.645	1052	1055	1057	rVB	315487	502335	9.10%	0.731%
76	13.748	1061	1064	1066	rBV2	338799	491048	8.90%	0.715%
77	13.782	1066	1067	1068	rVV	302843	252460	4.58%	0.368%
78	13.805	1068	1069	1071	rVV2	250746	324417	5.88%	0.472%
79	13.851	1071	1073	1076	rVB2	348755	591742	10.72%	0.862%
80	14.000	1083	1086	1088	rBV2	1622559	2837430	51.43%	4.132%
81	14.034	1088	1089	1093	rVB	1397011	1259845	22.83%	1.835%
82	14.228	1104	1106	1108	rBV2	113260	193804	3.51%	0.282%
83	14.388	1118	1120	1122	rBV	358964	369217	6.69%	0.538%
84	14.422	1122	1123	1125	rVB2	266498	255861	4.64%	0.373%
85	14.480	1126	1128	1130	rVV	200216	285147	5.17%	0.415%
86	14.514	1130	1131	1135	rVB3	234378	341246	6.18%	0.497%
87	14.685	1144	1146	1148	rBV2	123247	194403	3.52%	0.283%
88	14.857	1159	1161	1166	rBV4	125878	293331	5.32%	0.427%
89	14.937	1166	1168	1170	rVV	105848	126628	2.30%	0.184%
90	15.028	1173	1176	1181	rBV	1135673	2704388	49.02%	3.938%
91	15.131	1183	1185	1187	rVB	359744	387664	7.03%	0.565%
92	15.314	1199	1201	1204	rVB	612308	947296	17.17%	1.379%
93	15.383	1204	1207	1209	rBV	803187	1104051	20.01%	1.608%
94	15.440	1209	1212	1213	rBV	389937	570323	10.34%	0.830%
95	16.674	1315	1320	1325	rVB4	104353	333246	6.04%	0.485%
96	16.823	1330	1333	1337	rVB2	377455	774781	14.04%	1.128%
97	16.994	1345	1348	1350	rBV	78775	141422	2.56%	0.206%
98	17.051	1350	1353	1355	rBV	71657	150279	2.72%	0.219%
99	17.246	1366	1370	1377	rVB	313920	685340	12.42%	0.998%
100	17.463	1386	1389	1397	rVB2	71302	198220	3.59%	0.289%

Sum of corrected areas: 68673196

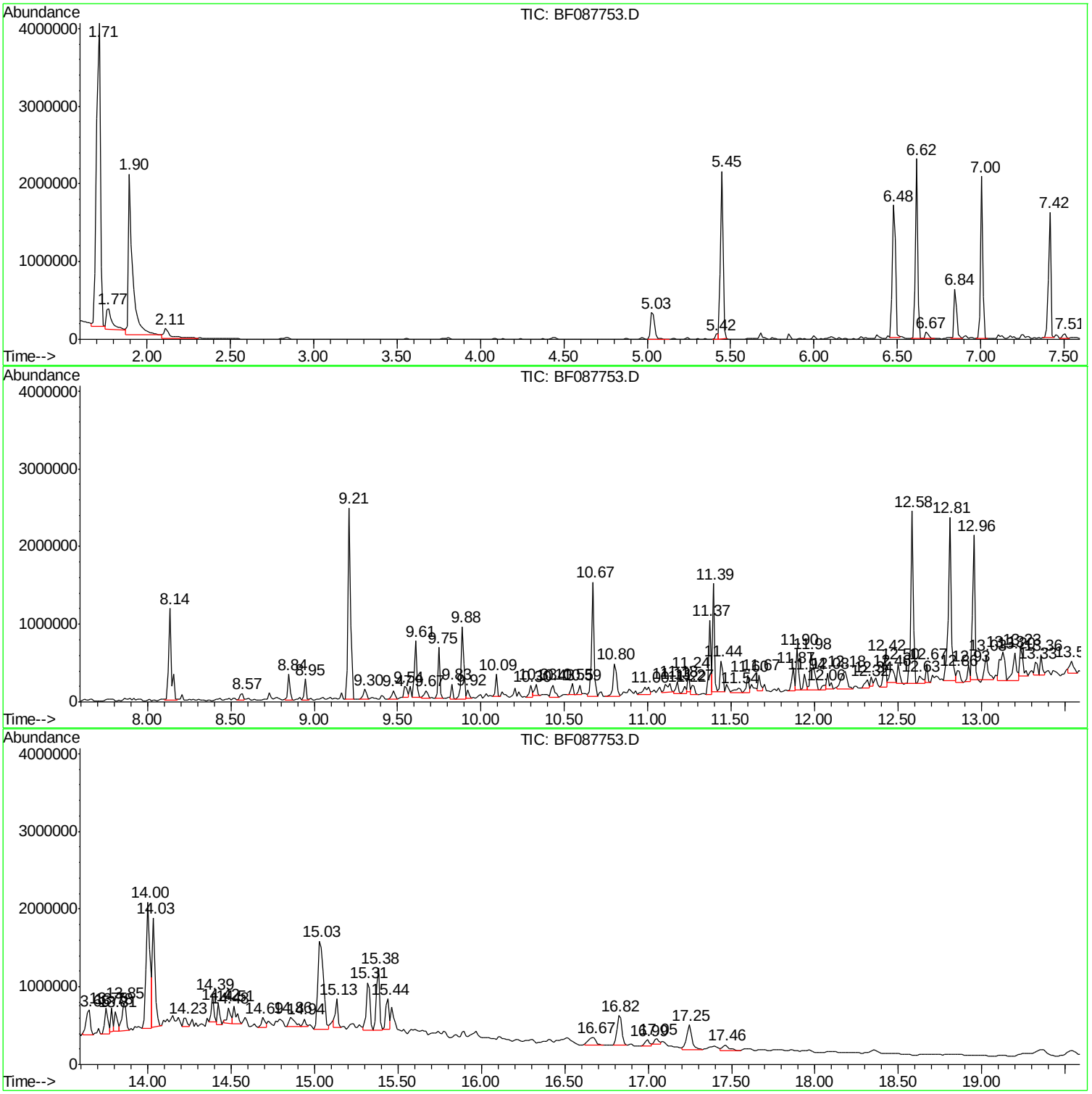
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060616\
Data File : BF087753.D
Acq On : 6 Jun 2016 15:43
Operator : UM/SJ
Sample : H3267-19
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
STA-TA-1275+50(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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060616\
Data File : BF087753.D
Acq On : 6 Jun 2016 15:43
Operator : UM/SJ
Sample : H3267-19
Misc :
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Instrument : BNA_F
ClientSampleId : STA-TA-1275+50(0-4)

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

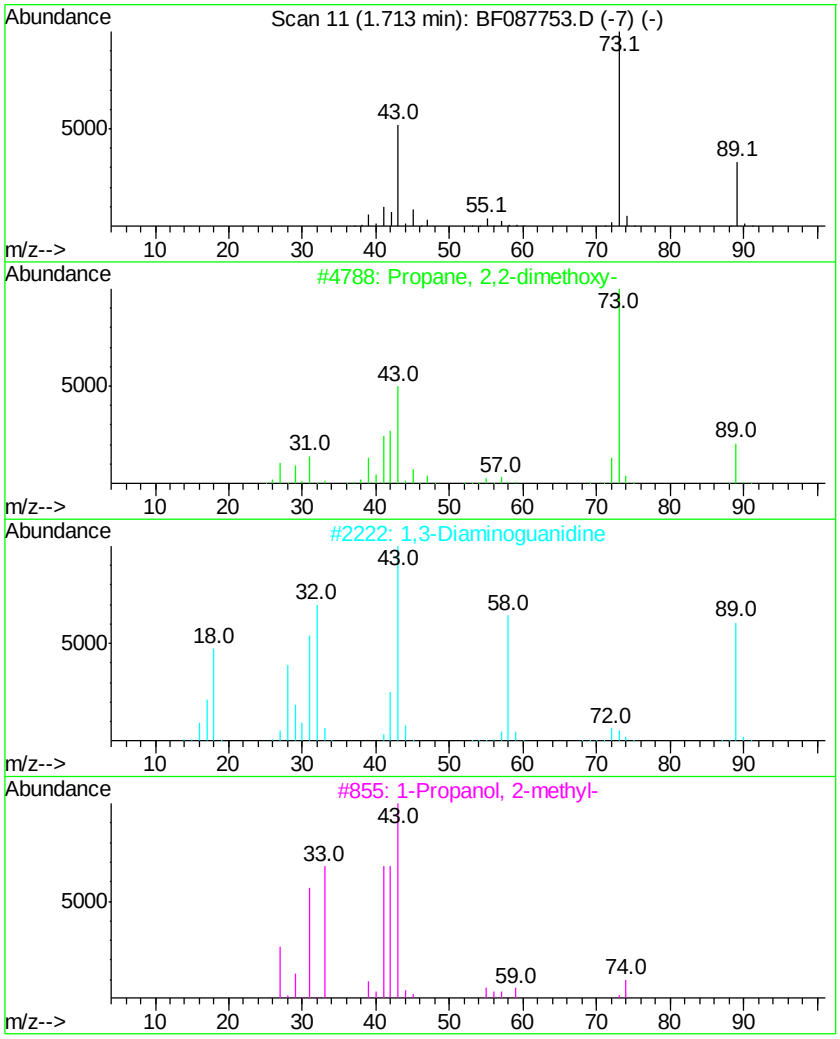
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

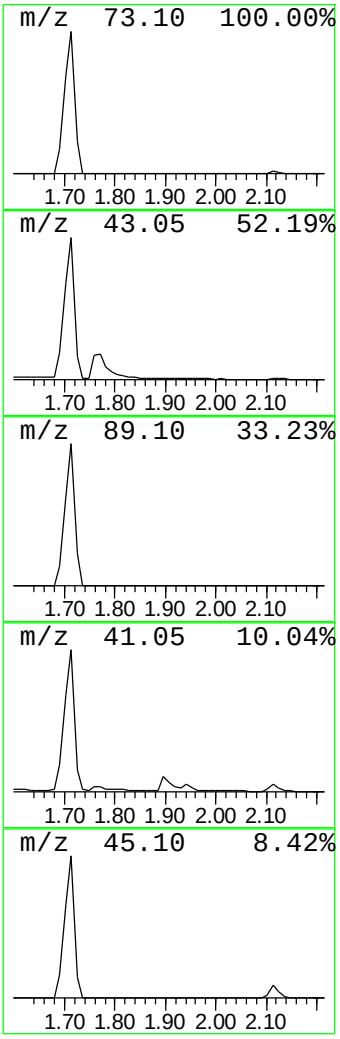
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.71	141.64 ng	5517450	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	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	9
3	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	1,3-Dioxolane, 2-(3-bromo-5,5,5-...	352	C10H16BrCl3O2	1000115-31-4	9





Library Search Compound Report

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Instrument :
BNA_F
ClientSampleId :
STA-TA-1275+50(0-4)

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

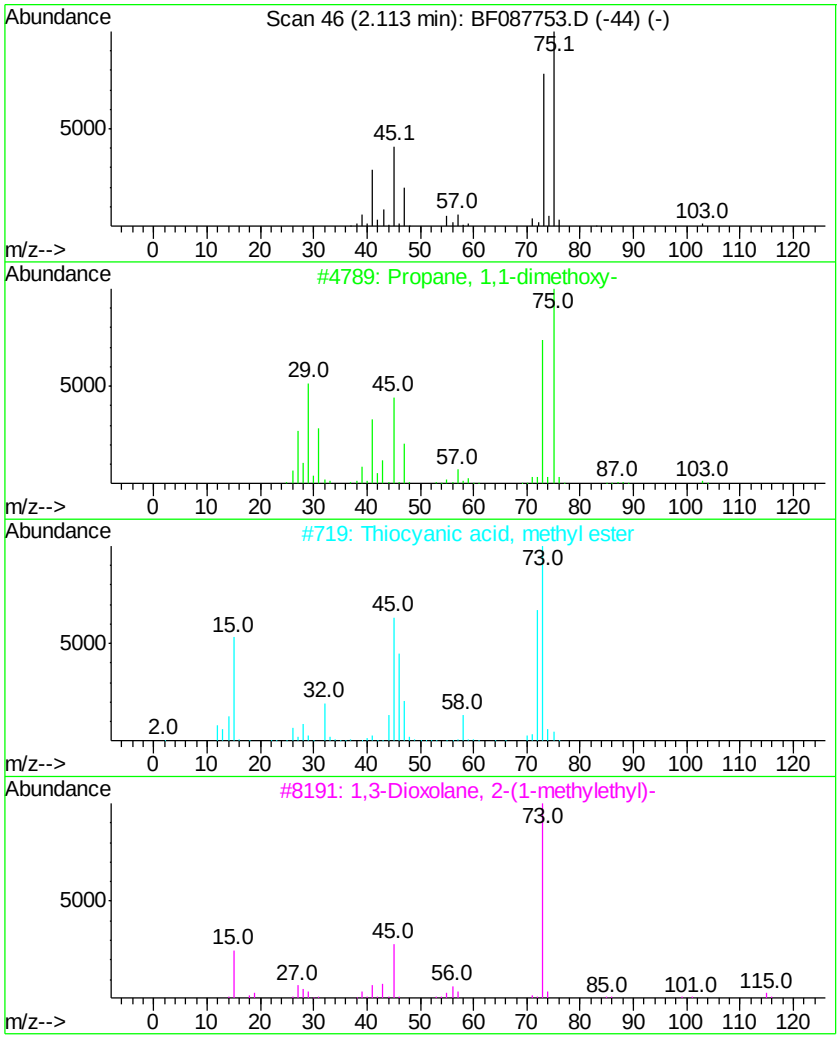
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

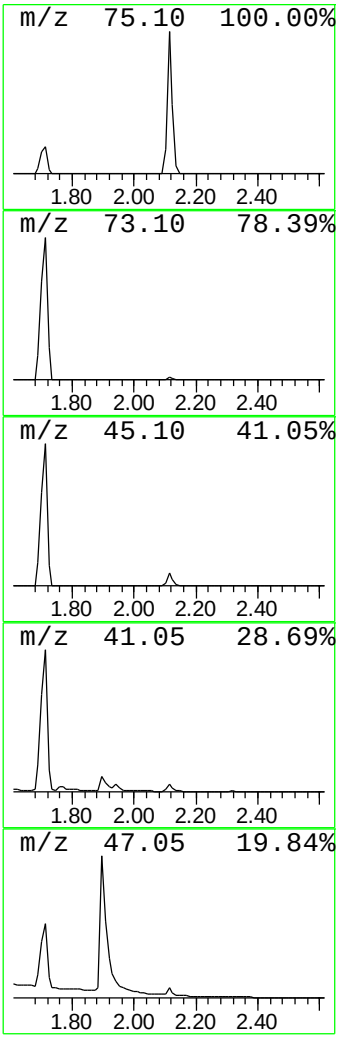
****

Peak Number 4 Propane, 1,1-dimethoxy- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.11	7.26 ng	283001	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	78
2	Thiocyanic acid, methyl ester	73	C2H3NS	000556-64-9	38
3	1,3-Dioxolane, 2-(1-methylethyl)-	116	C6H12O2	000822-83-3	27
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	22
5	1,3-Dioxolane, 2-(1-bromoethyl)-	180	C5H9BrO2	005267-73-2	12





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

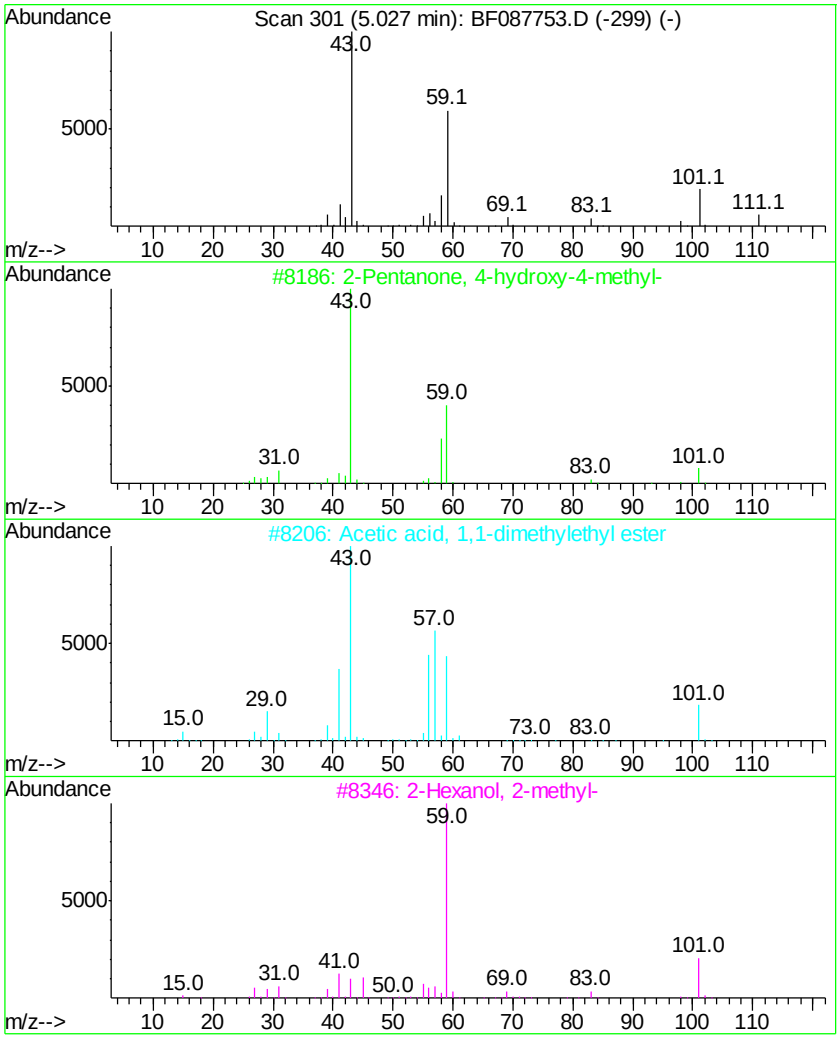
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

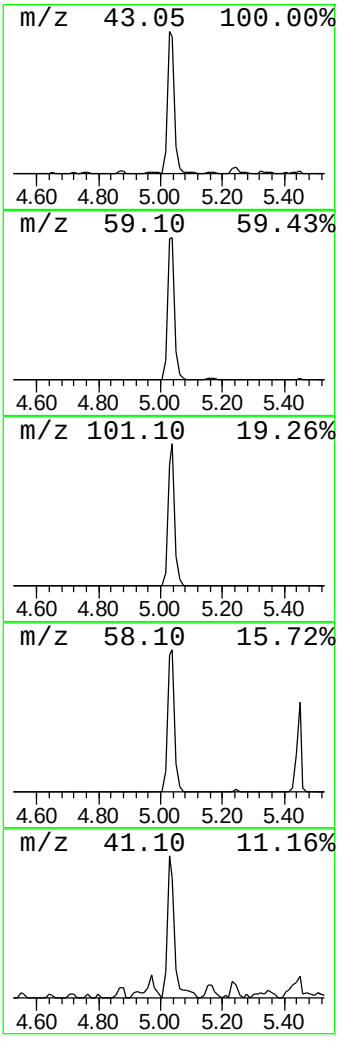
****

Peak Number 5 unknown5.03 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.03	14.33 ng	558349	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	45
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	25
5	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	23





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Instrument : BNA_F
ClientSampleId : STA-TA-1275+50(0-4)

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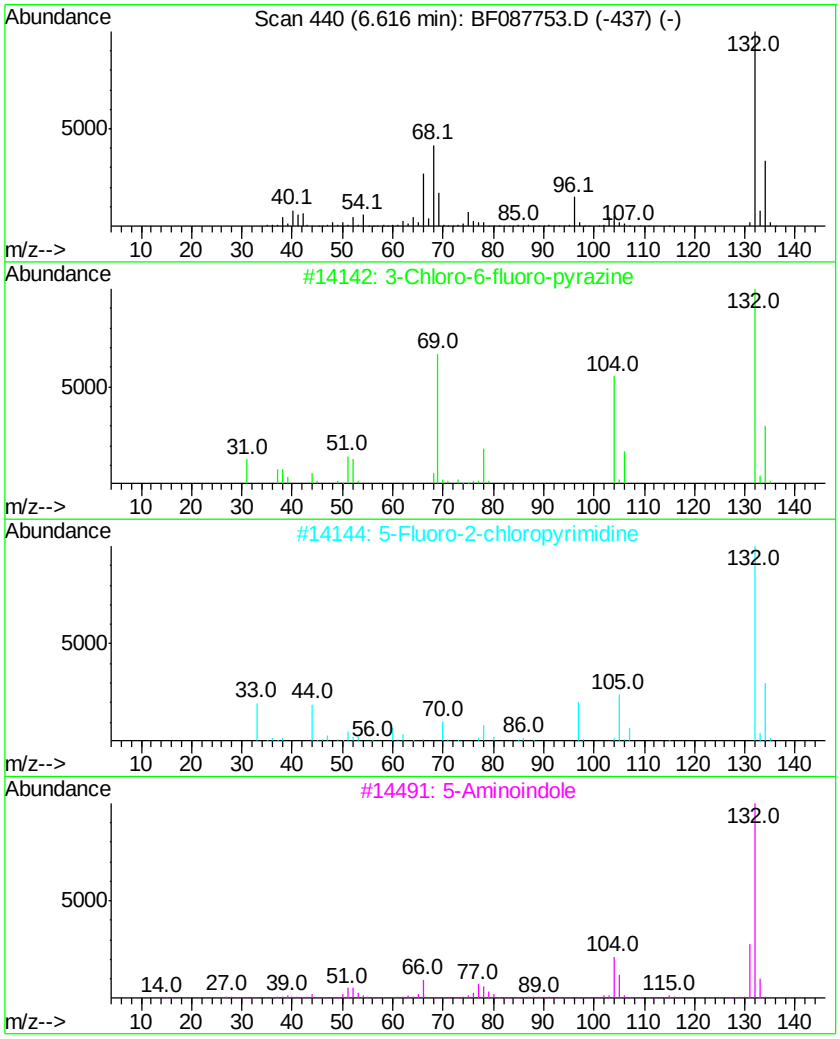
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

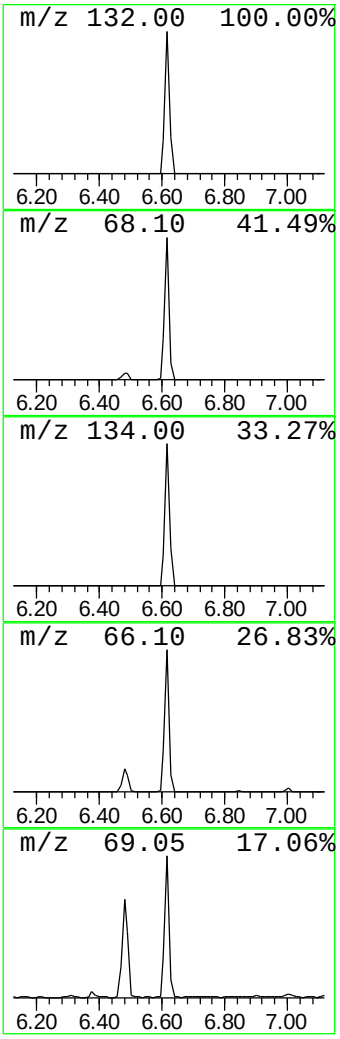
****

Peak Number 6 unknown6.62 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	59.57 ng	2320660	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-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060616\
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Misc :
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Instrument : BNA_F
ClientSampleId : STA-TA-1275+50(0-4)

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

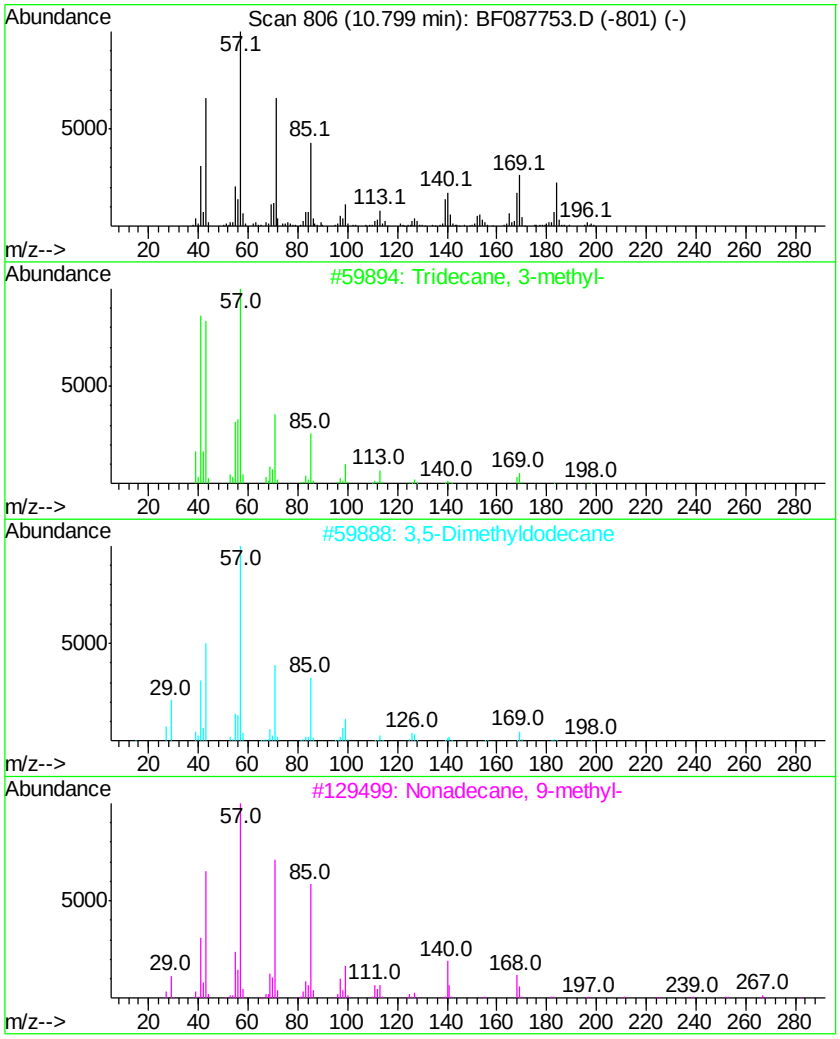
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

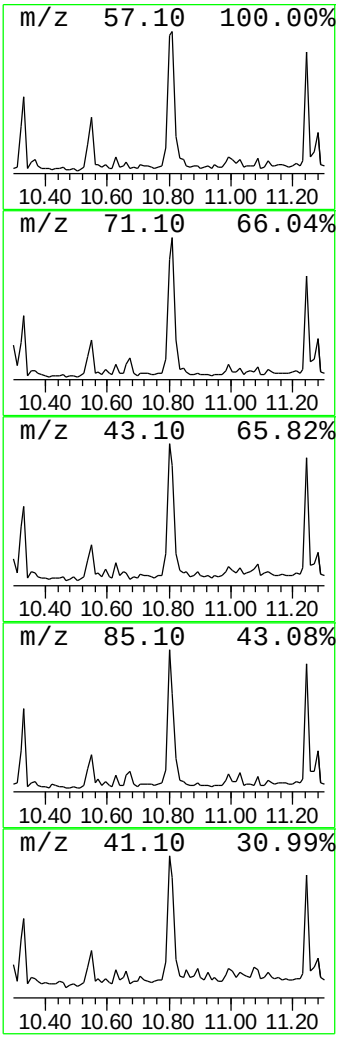
****

Peak Number 8 Tridecane, 3-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	13.93 ng	680131	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 3-methyl-	198	C14H30	006418-41-3	64
2	3,5-Dimethyldodecane	198	C14H30	107770-99-0	62
3	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	62
4	Dodecane	170	C12H26	000112-40-3	60
5	Tetracosane	338	C24H50	000646-31-1	53





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Data File : BF087753.D
Acq On : 6 Jun 2016 15:43
Operator : UM/SJ
Sample : H3267-19
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STA-TA-1275+50(0-4)

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

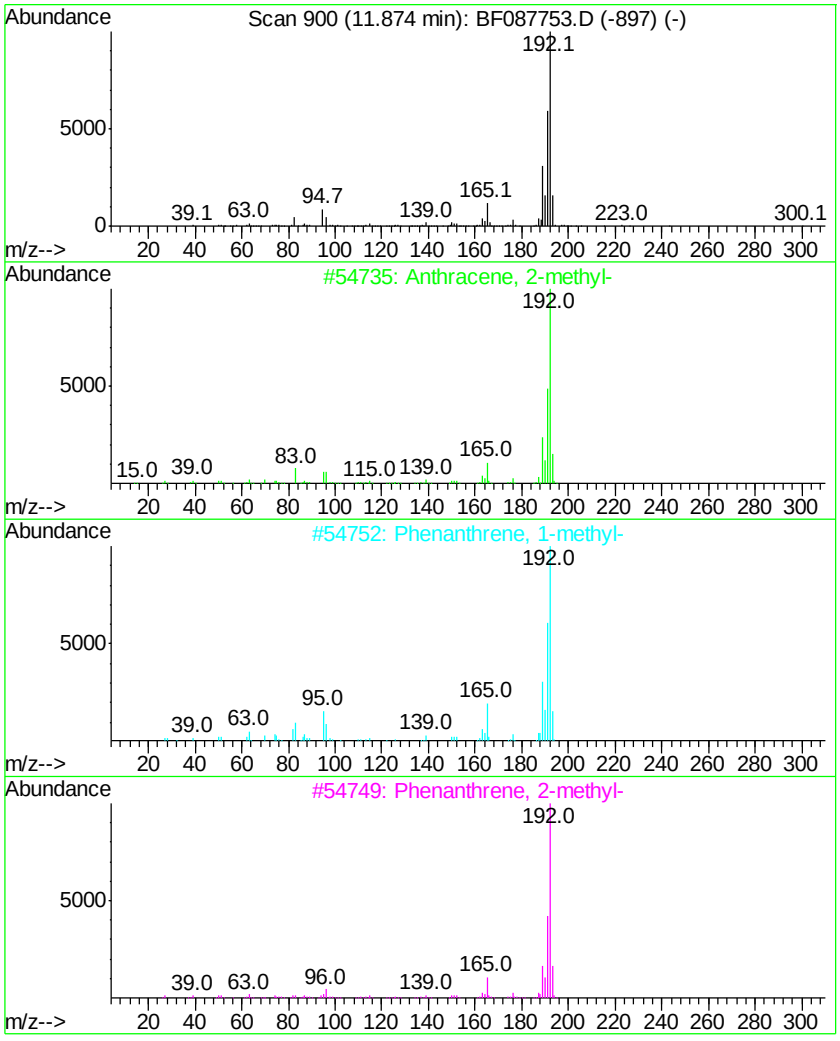
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

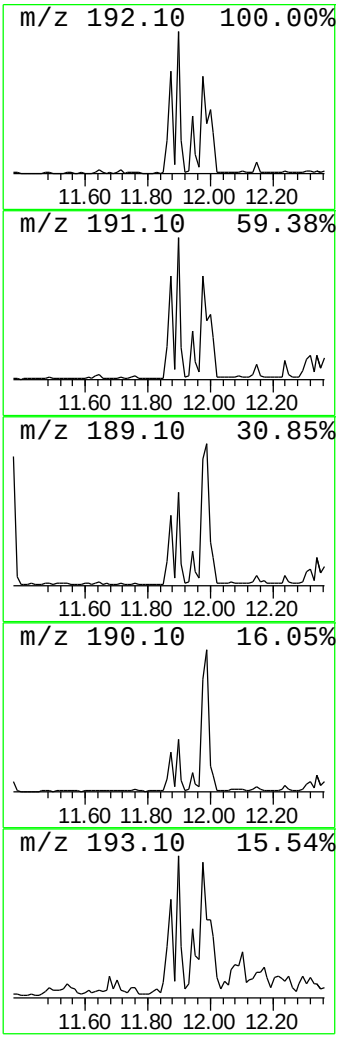
****

Peak Number 9 Anthracene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	6.72 ng	328263	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90





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Operator : UM/SJ
Sample : H3267-19
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STA-TA-1275+50(0-4)

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

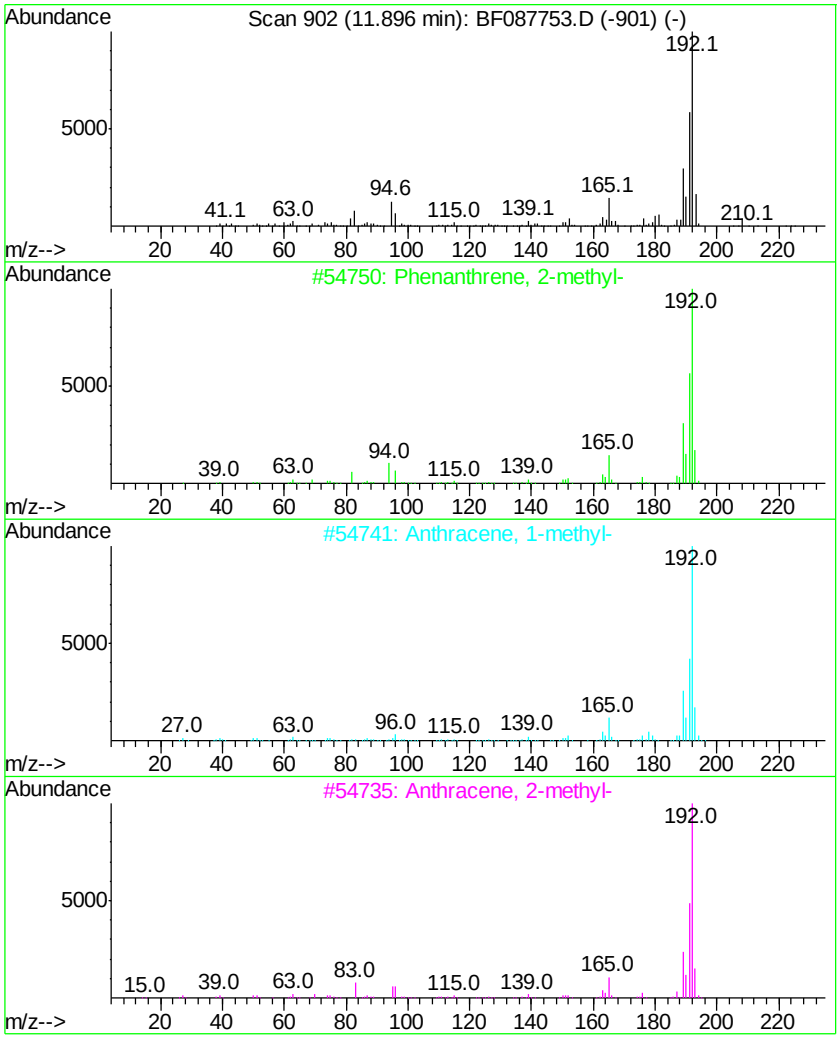
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

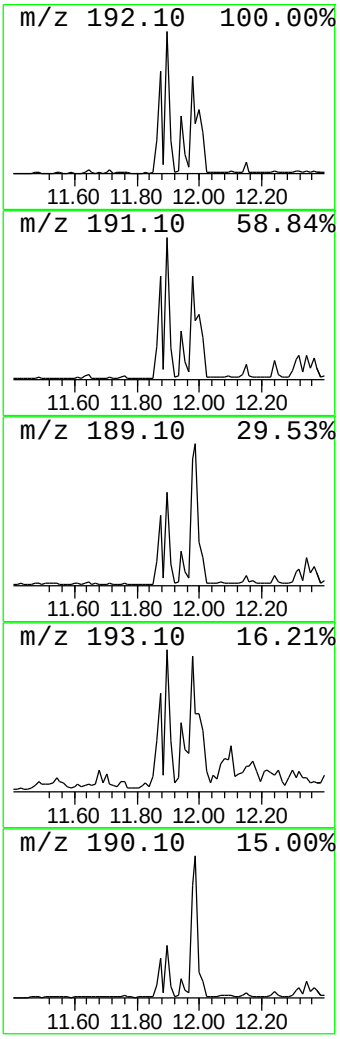
****

Peak Number 10 Phenanthrene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	10.41 ng	508299	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95





Library Search Compound Report

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Data File : BF087753.D
Acq On : 6 Jun 2016 15:43
Operator : UM/SJ
Sample : H3267-19
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STA-TA-1275+50(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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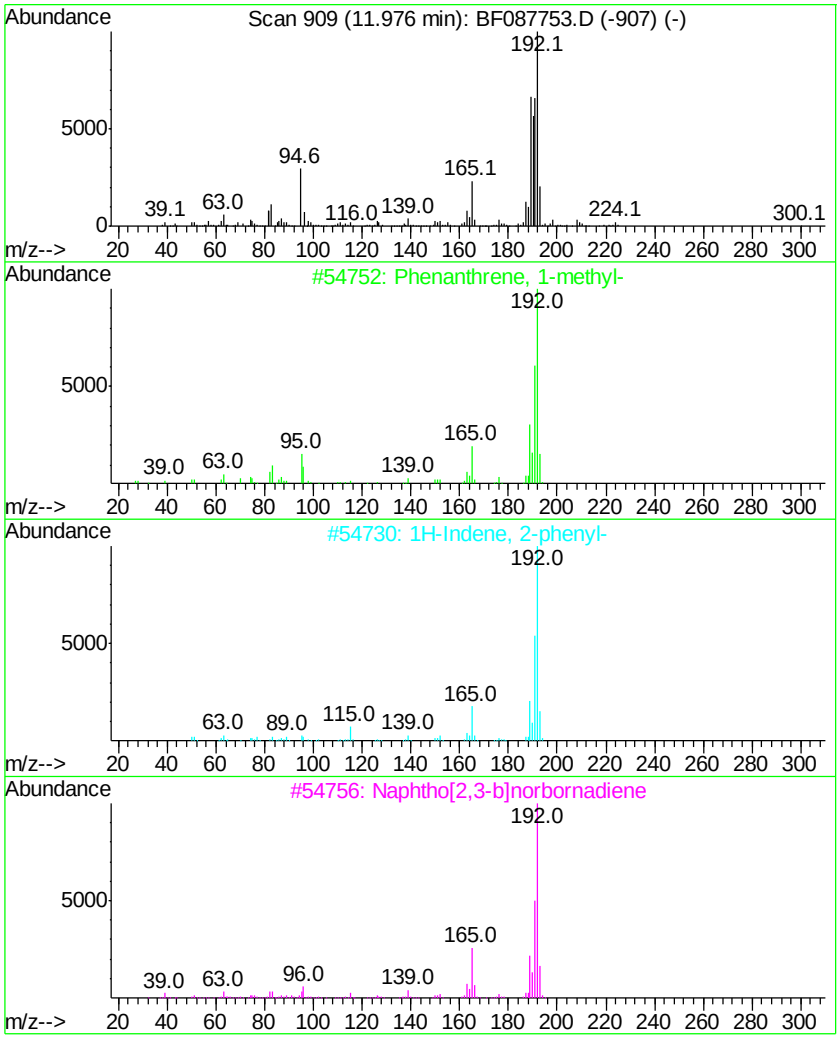
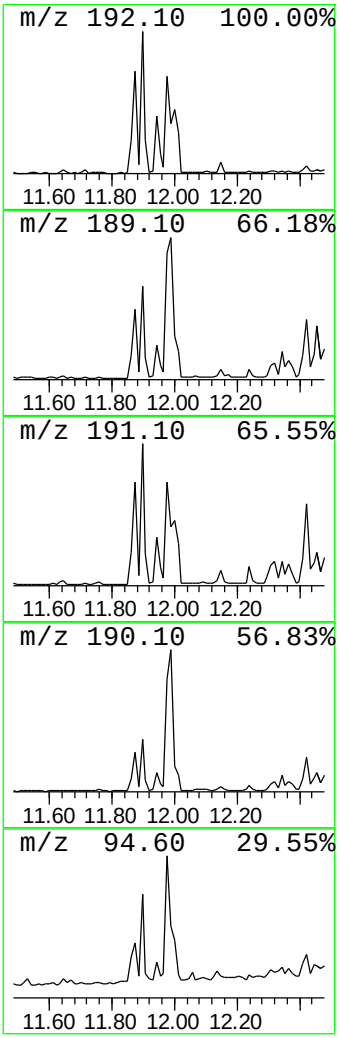
Peak Number 11 Phenanthrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	16.87 ng	823459	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	60
3	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	60
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	60
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	60





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Operator : UM/SJ
Sample : H3267-19
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STA-TA-1275+50(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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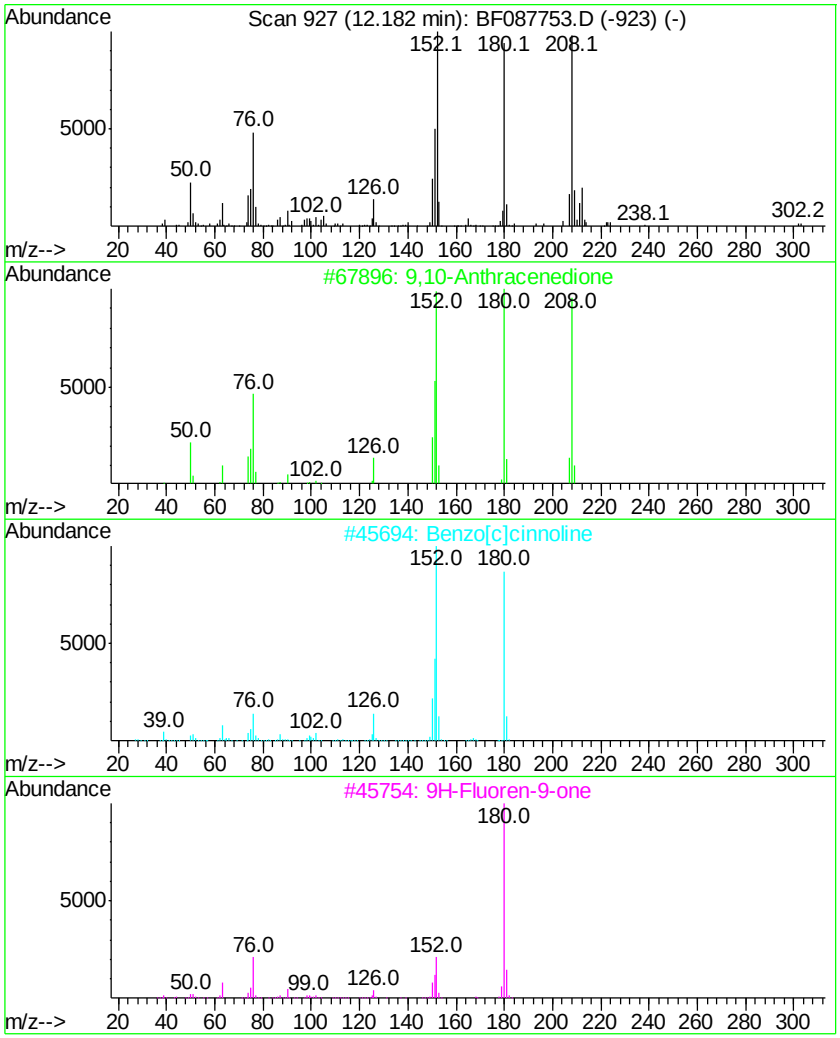
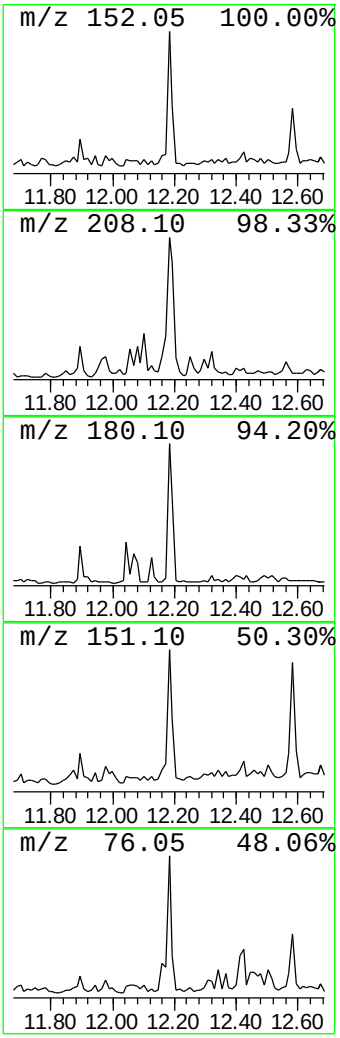
Peak Number 12 9,10-Anthracenedione Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.18	10.88 ng	530896	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	78
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	64
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	60
5	1,4-Anthracenedione	208	C14H8O2	000635-12-1	49





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Operator : UM/SJ
Sample : H3267-19
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STA-TA-1275+50(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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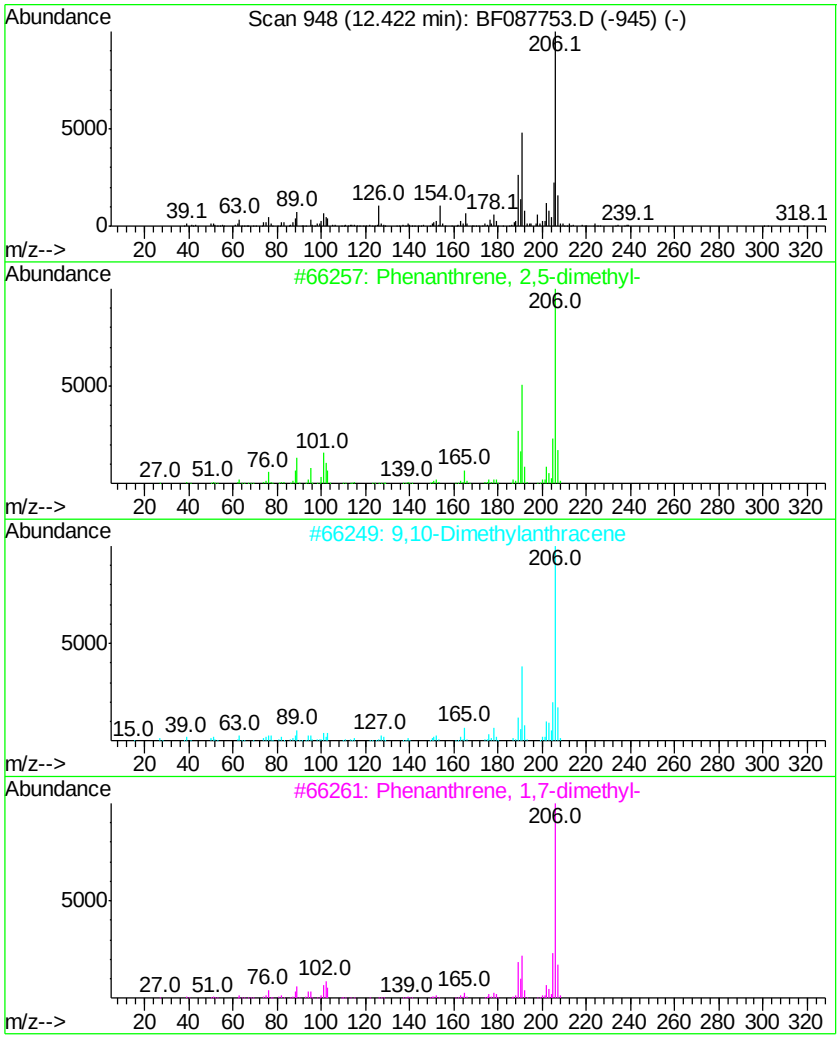
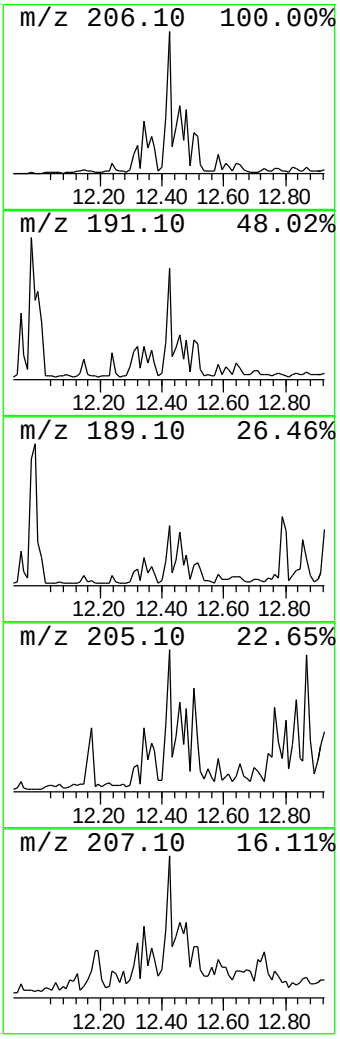
Peak Number 13 Phenanthrene, 2,5-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	9.06 ng	442134	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	95
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	86
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	83
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	81





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Sample : H3267-19
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STA-TA-1275+50(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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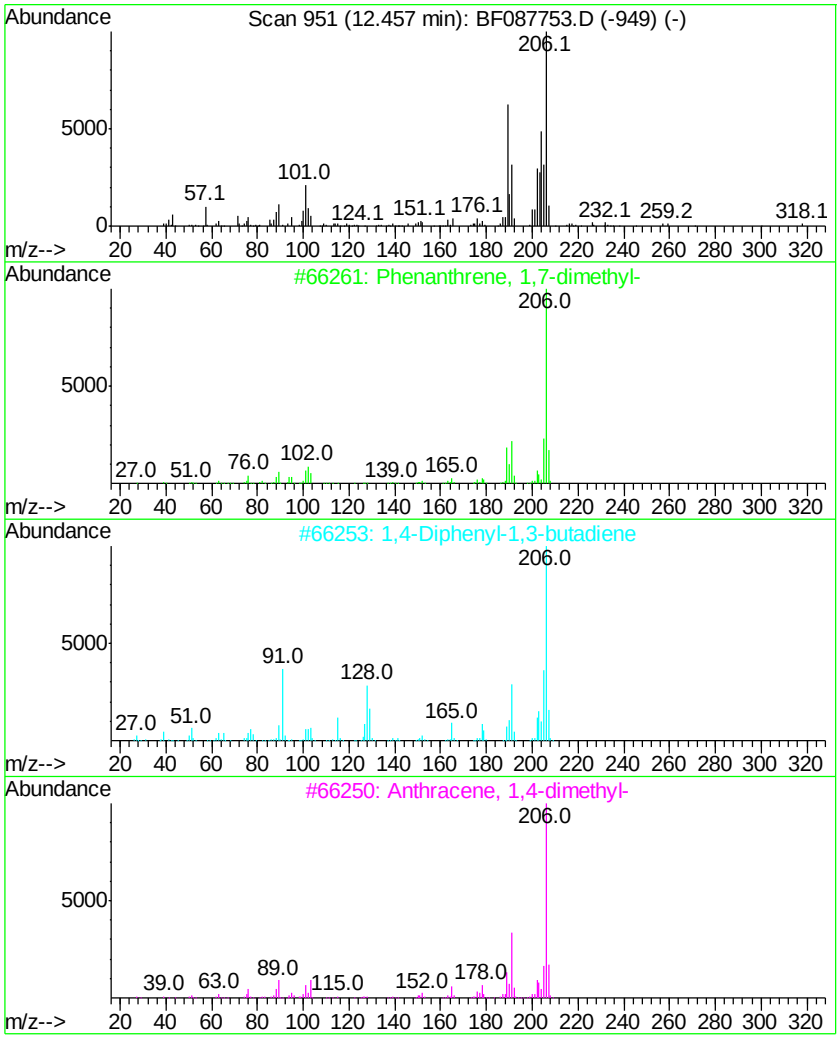
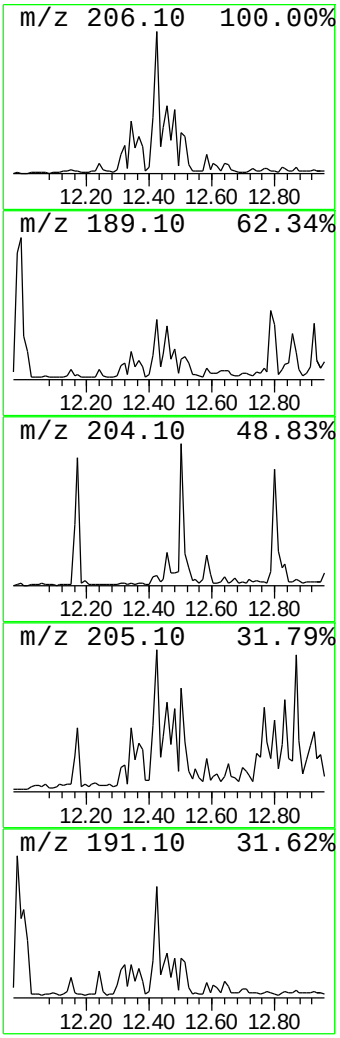
Peak Number 14 unknown12.46 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	7.26 ng	354300	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	43
2	1,4-Diphenyl-1,3-butadiene	206	C16H14	000886-65-7	38
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	38
4	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	38
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	38





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Acq On : 6 Jun 2016 15:43
Operator : UM/SJ
Sample : H3267-19
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STA-TA-1275+50(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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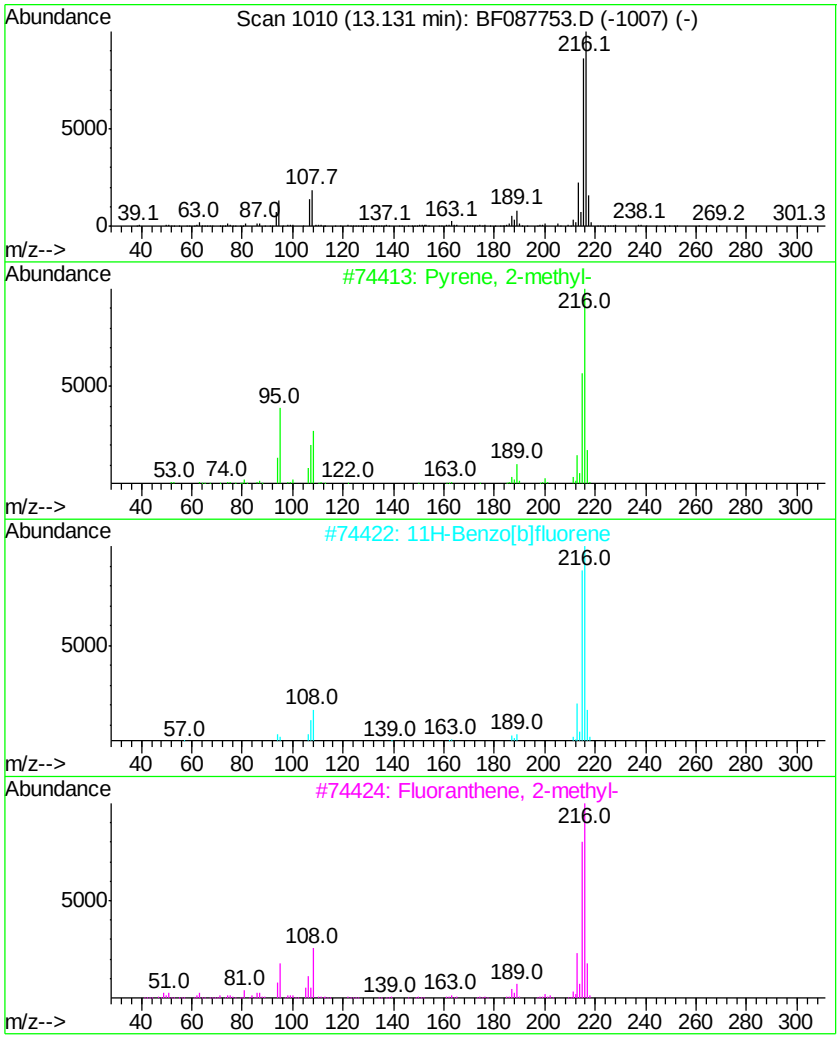
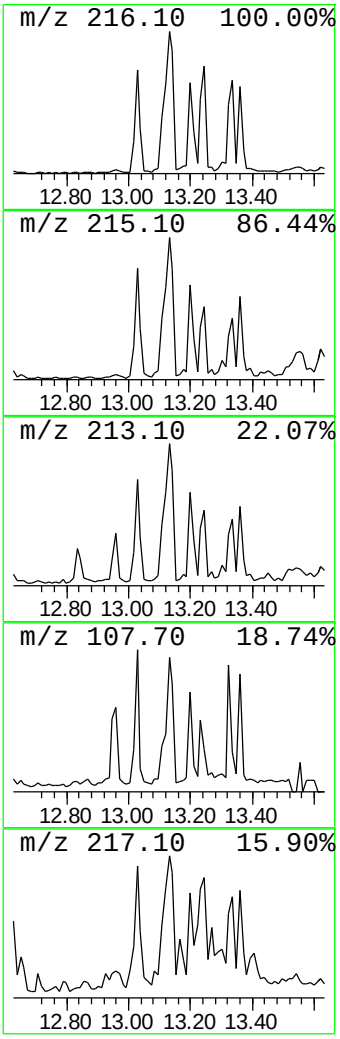
Peak Number 15 Pyrene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.13	5.74 ng	814077	Chrysene-d12	14.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83





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Operator : UM/SJ
Sample : H3267-19
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STA-TA-1275+50(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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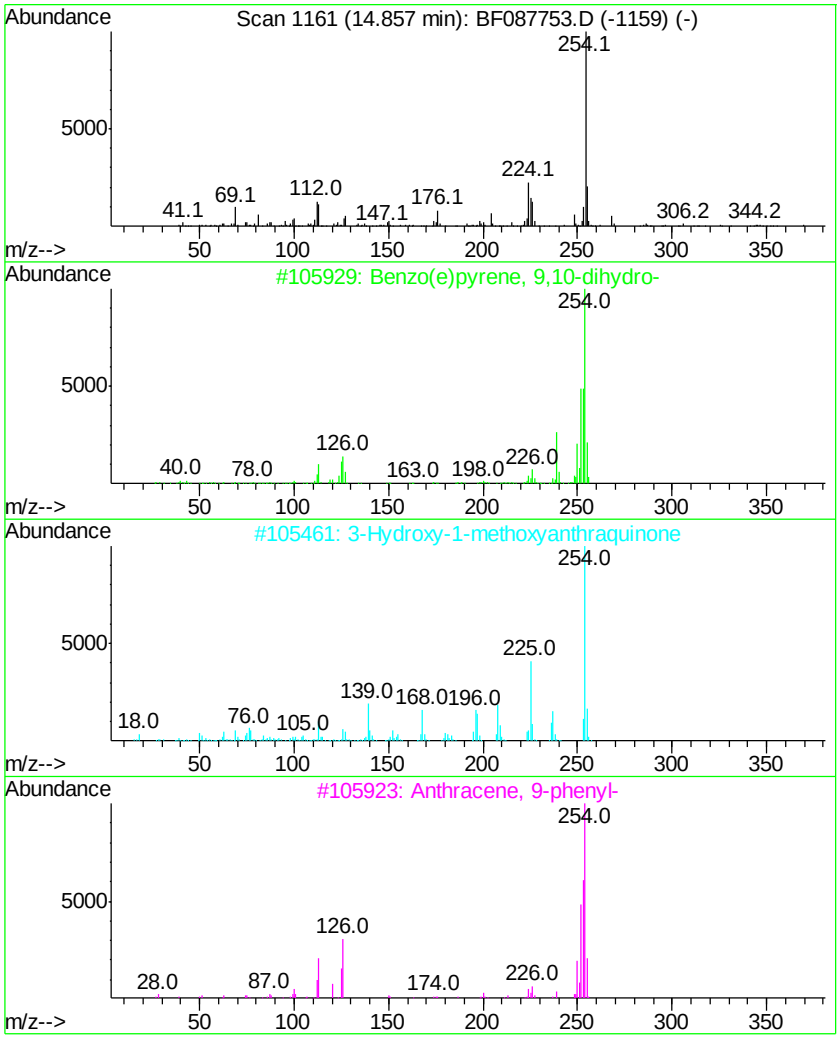
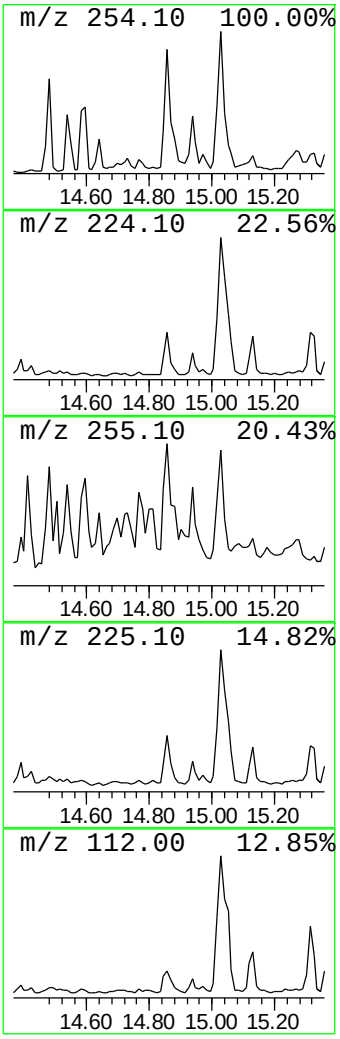
Peak Number 16 Benzo(e)pyrene, 9,10-dihydro- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	10.29 ng	293331	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo(e)pyrene, 9,10-dihydro-	254	C20H14	066788-01-0	64
2	3-Hydroxy-1-methoxyanthraquinone	254	C15H10O4	028504-24-7	64
3	Anthracene, 9-phenyl-	254	C20H14	000602-55-1	59
4	Phenol, 5-amino-2-(5,7-dimethyl-...	254	C15H14N2O2	1000338-06-4	53
5	2,6-(Etheno[1,4]benzenoetheno)na...	254	C20H14	117054-70-3	53





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Sample : H3267-19
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STA-TA-1275+50(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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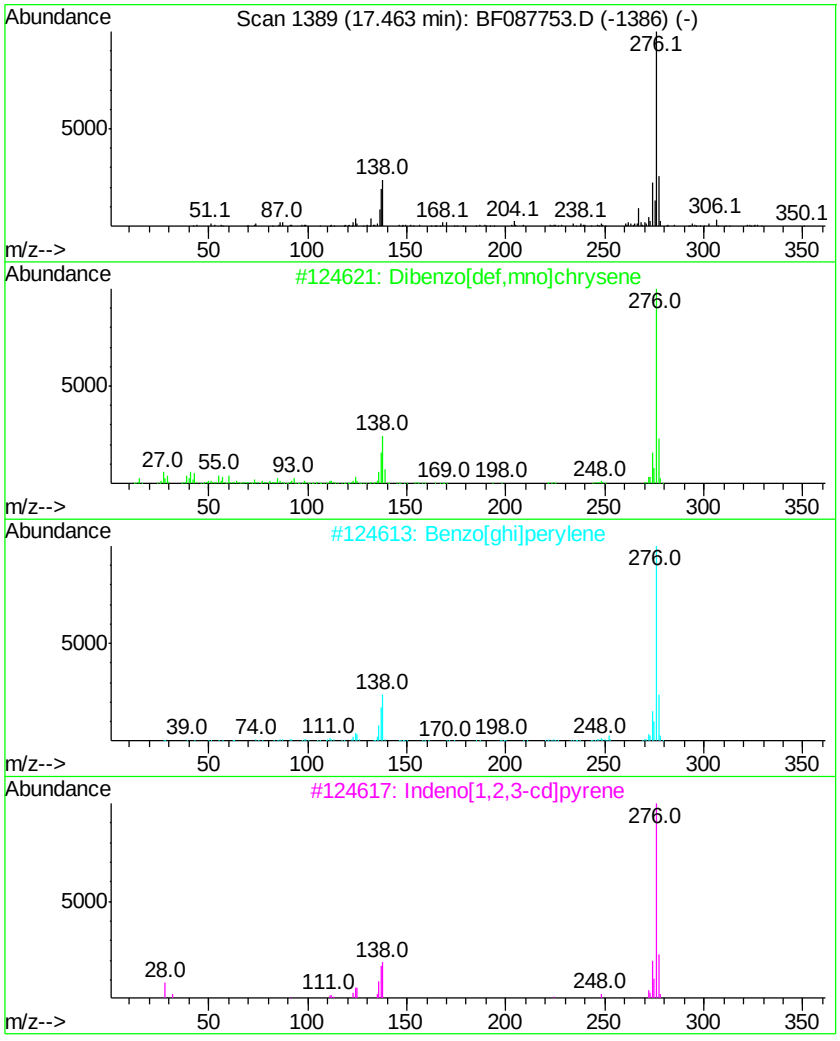
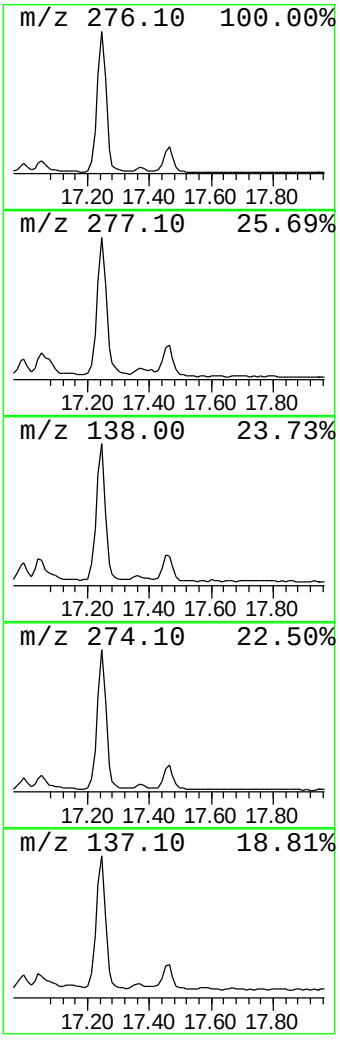
Peak Number 20 Dibenzo[def,mno]chrysene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.46	6.95 ng	198220	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	94
2	Benzo[ghi]perylene	276	C22H12	000191-24-2	93
3	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	81
4	Phenol, 2-(4-chlorophenyliminome...	276	C13H9ClN2O3	1000262-90-3	53
5	6H-Pyrido[4,3-b]carbazole, 9-met...	276	C18H16N2O	010371-86-5	49





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060616\
Data File : BF087753.D
Acq On : 6 Jun 2016 15:43
Operator : UM/SJ
Sample : H3267-19
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STA-TA-1275+50(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	141.6	ng	5517450	1	6.84	779104	20.0
Propane, 1,1-dime...	2.11	7.3	ng	283001	1	6.84	779104	20.0
unknown5.03	5.03	14.3	ng	558349	1	6.84	779104	20.0
unknown6.62	6.62	59.6	ng	2320660	1	6.84	779104	20.0
Tridecane, 3-methyl-	10.80	13.9	ng	680131	4	11.37	976350	20.0
Anthracene, 2-met...	11.87	6.7	ng	328263	4	11.37	976350	20.0
Phenanthrene, 2-m...	11.90	10.4	ng	508299	4	11.37	976350	20.0
Phenanthrene, 1-m...	11.98	16.9	ng	823459	4	11.37	976350	20.0
9,10-Anthracenedione	12.18	10.9	ng	530896	4	11.37	976350	20.0
Phenanthrene, 2,5...	12.42	9.1	ng	442134	4	11.37	976350	20.0
unknown12.46	12.46	7.3	ng	354300	4	11.37	976350	20.0
Pyrene, 2-methyl-	13.13	5.7	ng	814077	5	14.01	2837430	20.0
Benzo(e)pyrene, 9...	14.86	10.3	ng	293331	6	15.44	570323	20.0
Dibenzo[def,mno]c...	17.46	7.0	ng	198220	6	15.44	570323	20.0