LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
Data File : BF106327.D
Acq On : 12 Jun 2018 6:49
Operator : JU/SJ
Sample : J3308-08
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-09

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.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	2.413	9	13	23	rVB	68156	106529	2.34%	0.155%
2	5.201	483	487	492	rBV2	242124	286270	6.30%	0.417%
3	5.266	492	498	502	rVB4	44500	70522	1.55%	0.103%
4	5.401	511	521	524	rBV3	66078	98025	2.16%	0.143%
5	5.590	548	553	556	rBV	2695879	2444906	53.77%	3.557%
6	5.895	602	605	608	rBV2	65700	64925	1.43%	0.094%
7	6.001	617	623	626	rBV3	122997	175266	3.85%	0.255%
8	6.137	644	646	649	rVB2	128972	111396	2.45%	0.162%
9	6.213	655	659	664	rBV3	152932	225165	4.95%	0.328%
10	6.413	691	693	696	rVB2	69099	67034	1.47%	0.098%
11	6.460	696	701	705	rBV3	79331	101560	2.23%	0.148%
12	6.507	705	709	712	rBV2	146640	209641	4.61%	0.305%
13	6.584	717	722	726	rVV	1922722	1808014	39.76%	2.631%
14	6.648	730	733	735	rBV2	109172	103211	2.27%	0.150%
15	6.742	742	749	752	rBV	3741297	3867575	85.06%	5.627%
16	6.831	762	764	766	rVB	79992	61985	1.36%	0.090%
17	6.925	777	780	784	rBV4	79625	129501	2.85%	0.188%
18	6.972	784	788	791	rVB	1617670	1367332	30.07%	1.989%
19	7.019	791	796	800	rBV4	85673	126889	2.79%	0.185%
20	7.131	808	815	818	rBV	3614608	3463797	76.18%	5.040%
21	7.189	823	825	827	rBV2	102058	92780	2.04%	0.135%
22	7.237	831	833	839	rVB2	191836	174236	3.83%	0.254%
23	7.313	839	846	849	rBV5	126958	205700	4.52%	0.299%
24	7.366	851	855	857	rBV2	237205	221360	4.87%	0.322%
25	7.401	857	861	864	rVB4	133845	198889	4.37%	0.289%
26	7.484	872	875	879	rBV4	250312	371722	8.18%	0.541%
27	7.537	879	884	887	rVB	2861676	2964540	65.20%	4.313%
28	7.613	892	897	900	rVB4	264743	412514	9.07%	0.600%
29	7.666	900	906	908	rBV4	223622	318578	7.01%	0.464%
30	7.701	909	912	916	rBV3	180749	198953	4.38%	0.289%
31	7.736	916	918	920	rVV	193492	140257	3.08%	0.204%
32	7.778	923	925	929	rVB3	314672	323391	7.11%	0.471%
33	7.836	929	935	939	rBV5	206958	472897	10.40%	0.688%
34	7.889	942	944	947	rBV4	321079	341569	7.51%	0.497%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J3308-08
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-09

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.007	958	964	967	rBV4	157922	252768	5.56%	0.368%
36	8.060	970	973	977	rBV6	141545	193603	4.26%	0.282%
37	8.119	980	983	985	rBV3	152546	148788	3.27%	0.216%
38	8.195	992	996	999	rBV4	156502	236122	5.19%	0.344%
39	8.254	1002	1006	1011	rVV	1874897	1735030	38.16%	2.524%
40	8.301	1011	1014	1017	rVB	744859	602756	13.26%	0.877%
41	8.331	1017	1019	1022	rBV4	225881	268725	5.91%	0.391%
42	8.395	1028	1030	1033	rBV3	89917	110556	2.43%	0.161%
43	8.425	1033	1035	1037	rVV2	94273	72987	1.61%	0.106%
44	8.454	1037	1040	1041	rVV2	174335	148388	3.26%	0.216%
45	8.495	1045	1047	1049	rBV3	78042	64002	1.41%	0.093%
46	8.536	1051	1054	1059	rVB4	217245	339769	7.47%	0.494%
47	8.595	1061	1064	1067	rBV4	105036	115631	2.54%	0.168%
48	8.636	1068	1071	1073	rBV3	98207	114048	2.51%	0.166%
49	8.666	1073	1076	1078	rBV	582887	525812	11.56%	0.765%
50	8.689	1078	1080	1083	rVV3	210053	180248	3.96%	0.262%
51	8.754	1089	1091	1093	rBV	145479	105030	2.31%	0.153%
52	8.789	1094	1097	1099	rBV	455337	387618	8.52%	0.564%
53	8.836	1103	1105	1108	rVV4	95628	105741	2.33%	0.154%
54	8.878	1108	1112	1114	rVV3	191892	266286	5.86%	0.387%
55	8.931	1118	1121	1124	rVB3	285799	359511	7.91%	0.523%
56	8.995	1130	1132	1135	rVB4	192149	167788	3.69%	0.244%
57	9.031	1135	1138	1140	rBV4	167286	197611	4.35%	0.288%
58	9.095	1147	1149	1151	rVB2	155259	108133	2.38%	0.157%
59	9.130	1151	1155	1157	rBV5	178839	252673	5.56%	0.368%
60	9.266	1175	1178	1180	rBV	697895	596576	13.12%	0.868%
61	9.289	1180	1182	1184	rVB	234512	187796	4.13%	0.273%
62	9.331	1184	1189	1192	rVB	4688086	4546945	100.00%	6.616%
63	9.407	1198	1202	1206	rBV2	572353	656455	14.44%	0.955%
64	9.554	1224	1227	1230	rVB	278566	239599	5.27%	0.349%
65	9.630	1237	1240	1243	rBV3	142141	230514	5.07%	0.335%
66	9.672	1245	1247	1252	rVB3	331390	329864	7.25%	0.480%
67	9.719	1252	1255	1258	rBV2	1674346	1426166	31.37%	2.075%
68	9.878	1279	1282	1284	rVB3	226095	189707	4.17%	0.276%
69	9.919	1287	1289	1292	rVB2	236874	207234	4.56%	0.302%
70	10.013	1302	1305	1308	rVB	1578152	1335317	29.37%	1.943%
71	10.254	1343	1346	1355	rVB8	253514	395331	8.69%	0.575%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J3308-08
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-09

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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72	10.325	1355	1358	1360	rBV4	297284	332228	7.31%	0.483%
73	10.648	1411	1413	1415	rVB	288216	217257	4.78%	0.316%
74	10.760	1430	1432	1433	rBV	227054	157267	3.46%	0.229%
75	10.801	1436	1439	1443	rBV	2232889	2241238	49.29%	3.261%
76	10.925	1456	1460	1464	rBV2	1408833	1458500	32.08%	2.122%
77	10.977	1466	1469	1472	rBV	2210923	2057133	45.24%	2.993%
78	11.013	1472	1475	1478	rVB2	1946809	2143186	47.13%	3.118%
79	11.048	1478	1481	1483	rBV	2241557	1813236	39.88%	2.638%
80	11.072	1483	1485	1487	rVB	1545090	1080853	23.77%	1.573%
81	11.101	1487	1490	1491	rBV	623570	551647	12.13%	0.803%
82	11.160	1497	1500	1504	rVV3	1641785	1853851	40.77%	2.697%
83	11.195	1504	1506	1508	rVV	2055570	1772635	38.99%	2.579%
84	11.219	1508	1510	1512	rVV	773586	794037	17.46%	1.155%
85	11.236	1512	1513	1516	rVB	1129560	854115	18.78%	1.243%
86	11.319	1525	1527	1529	rBV	302033	232126	5.11%	0.338%
87	11.383	1535	1538	1544	rBV2	580679	775719	17.06%	1.129%
88	11.430	1544	1546	1551	rVV3	293221	335126	7.37%	0.488%
89	11.507	1555	1559	1561	rVB	1247314	1116536	24.56%	1.625%
90	12.030	1645	1648	1651	rVB	606078	532433	11.71%	0.775%
91	12.754	1769	1771	1775	rVB	281511	215924	4.75%	0.314%
92	12.807	1778	1780	1787	rVB	338619	337033	7.41%	0.490%
93	13.089	1824	1828	1831	rVB	3585690	3380502	74.35%	4.918%
94	13.642	1920	1922	1925	rBV	217091	222192	4.89%	0.323%
95	14.113	2000	2002	2005	rBV	253790	220034	4.84%	0.320%
96	14.148	2005	2008	2011	rVV	1379909	1170293	25.74%	1.703%
97	14.454	2056	2060	2063	rBV	322864	528418	11.62%	0.769%
98	14.595	2081	2084	2089	rBV2	361074	608623	13.39%	0.886%
99	14.765	2110	2113	2121	rBV	962240	1639502	36.06%	2.385%
100	15.677	2264	2268	2275	rVB2	951185	1361165	29.94%	1.980%

Sum of corrected areas: 68730866

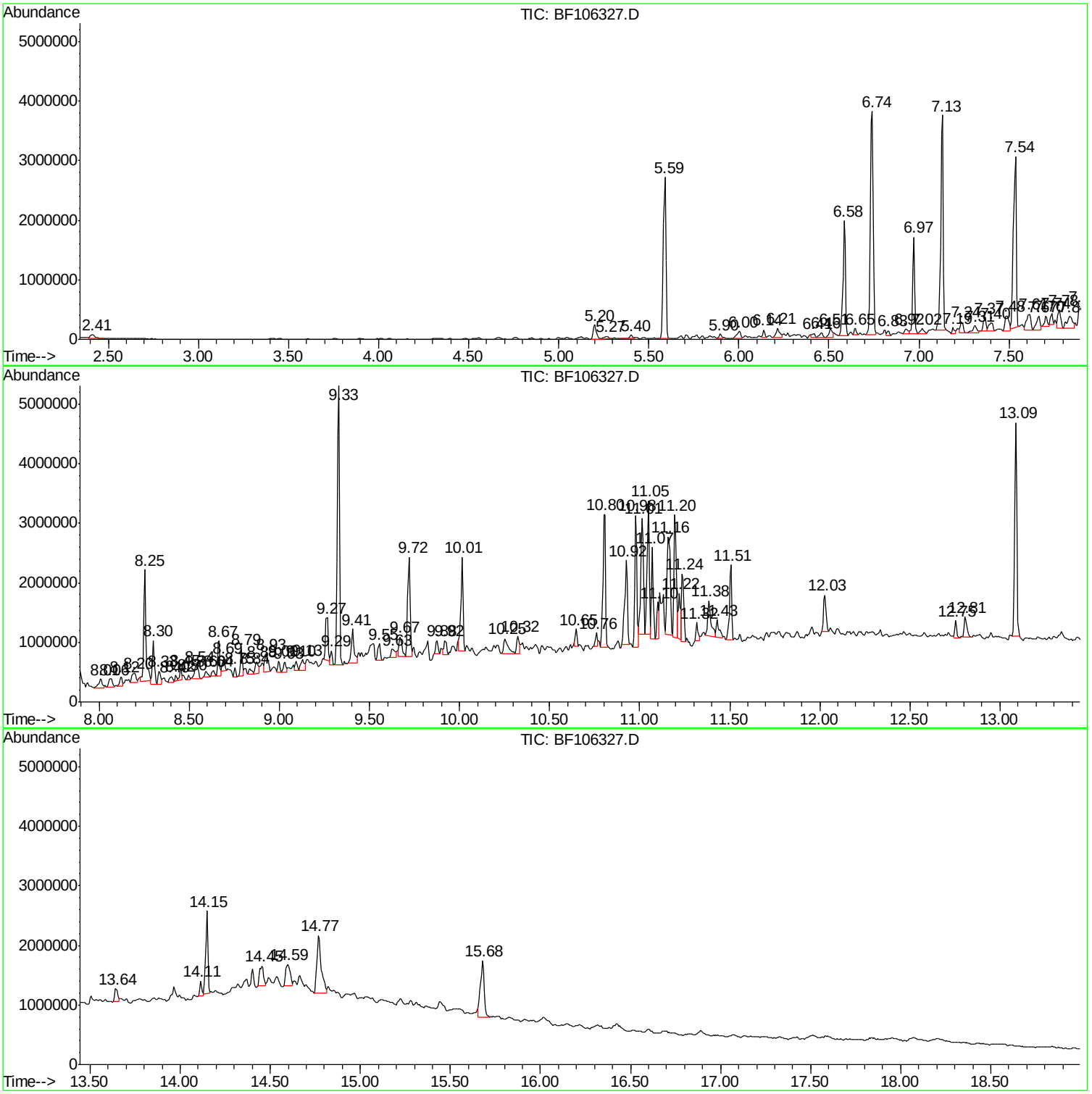
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
Data File : BF106327.D
Acq On : 12 Jun 2018 6:49
Operator : JU/SJ
Sample : J3308-08
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-09

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
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Instrument : BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

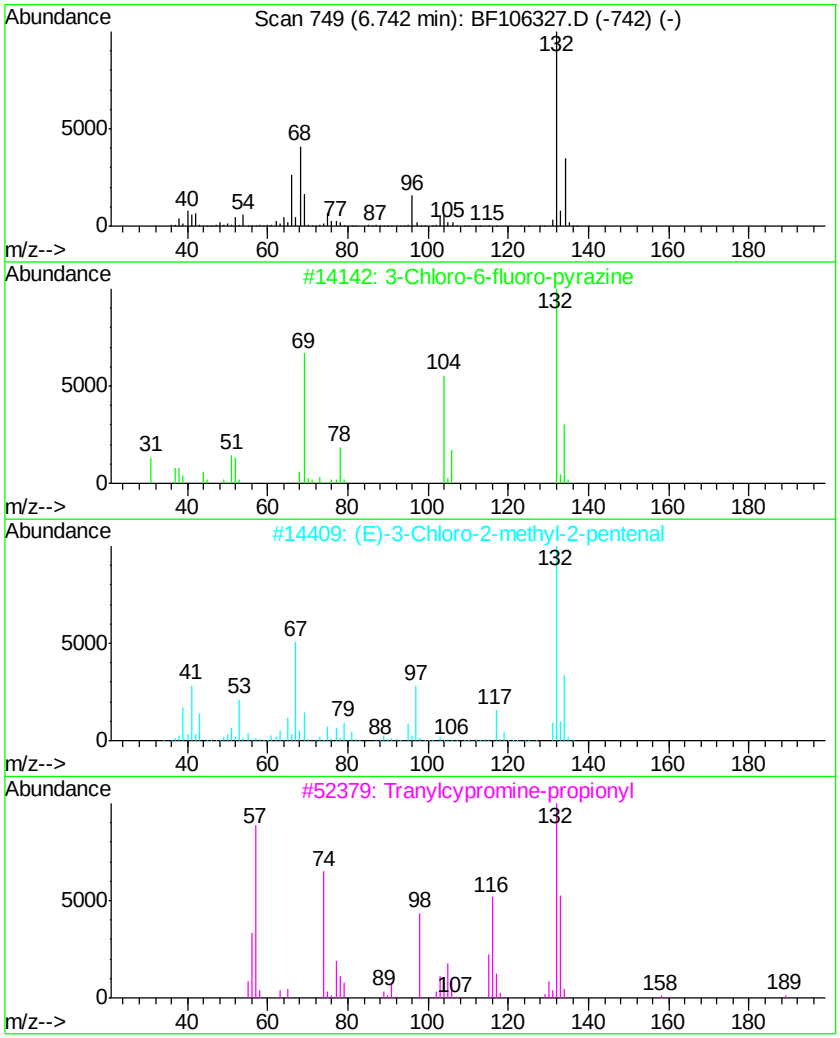
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

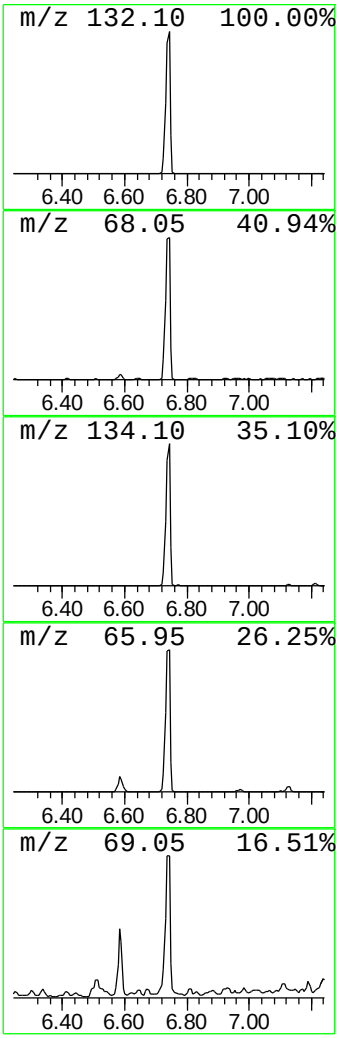
****

Peak Number 1 unknown6.74 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	56.57 ng	3867580	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
Data File : BF106327.D
Acq On : 12 Jun 2018 6:49
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Misc :
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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

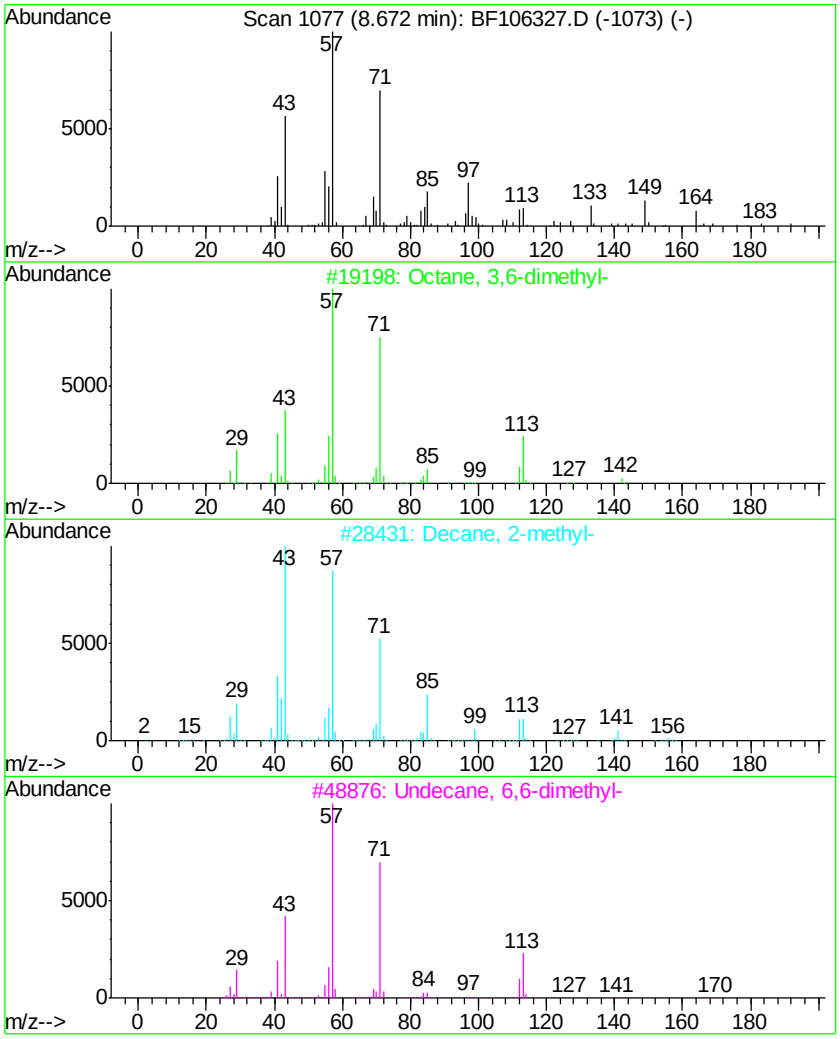
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

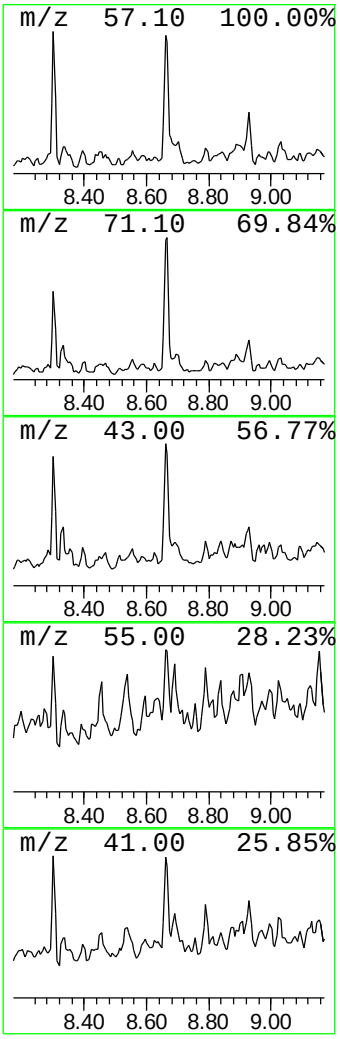
****

Peak Number 3 Octane, 3,6-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.67	6.06 ng	525812	Naphthalene-d8	8.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	78
2	Decane, 2-methyl-	156	C11H24	006975-98-0	72
3	Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	64
4	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	59
5	Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	53





Library Search Compound Report

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ClientSampleId : MW-09

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
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TIC Library : C:\DATABASE\NIST11.L
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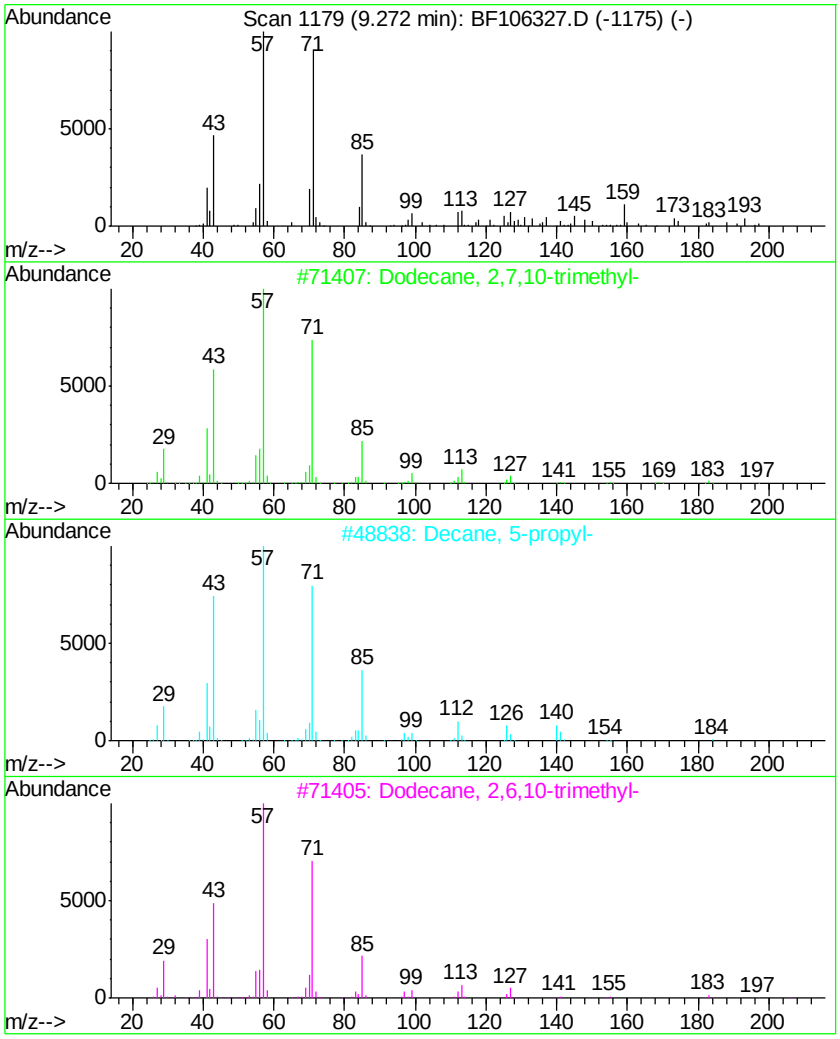
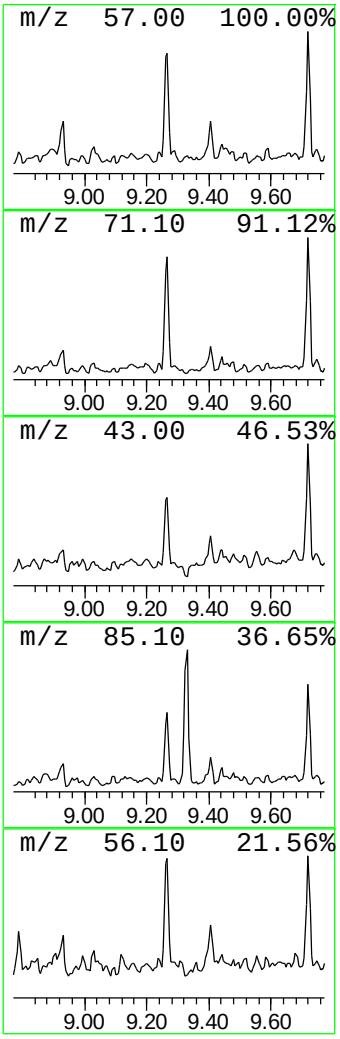
Peak Number 4 Dodecane, 2,7,10-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.27	8.94 ng	596576	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	91
2	Decane, 5-propyl-	184	C13H28	017312-62-8	87
3	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	86
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	83
5	Octane, 2-methyl-	128	C9H20	003221-61-2	80





Library Search Compound Report

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Sample : J3308-08
Misc :
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Instrument : BNA_F
ClientSampleId : MW-09

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.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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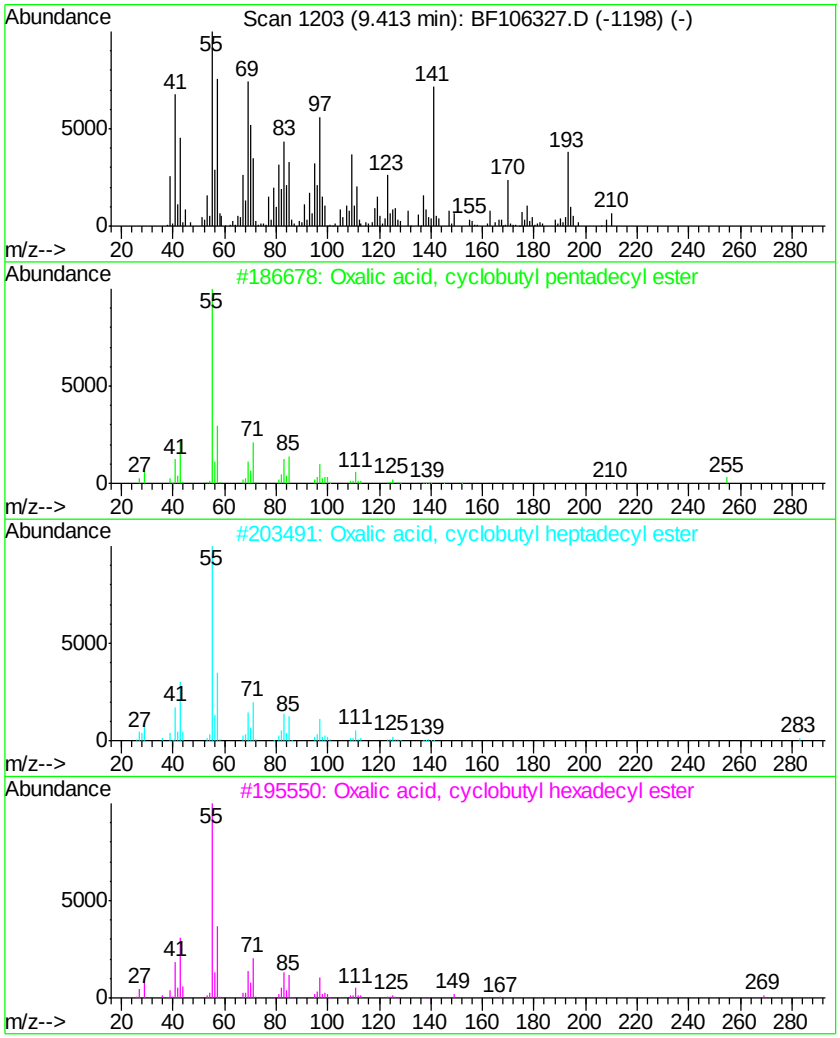
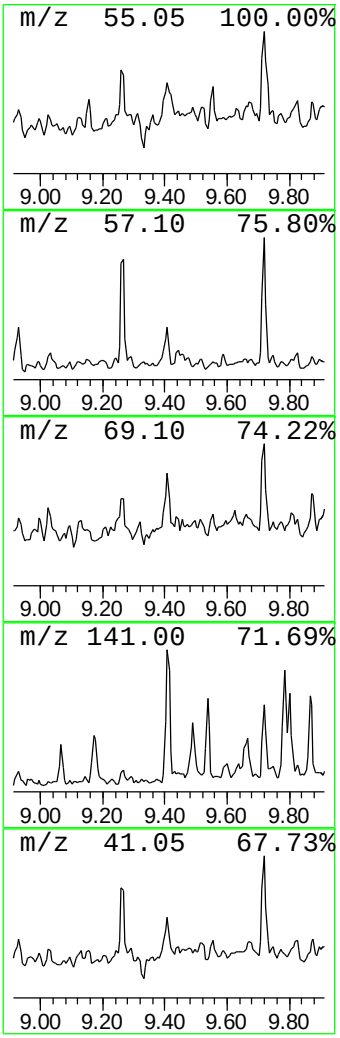
Peak Number 5 unknown9.41 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.41	9.83 ng	656455	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, cyclobutyl pentadec...	354	C21H38O4	1000309-70-5	30
2	Oxalic acid, cyclobutyl heptadec...	382	C23H42O4	1000309-70-7	27
3	Oxalic acid, cyclobutyl hexadecy...	368	C22H40O4	1000309-70-6	27
4	Oxalic acid, cyclobutyl octadecy...	396	C24H44O4	1000309-70-8	27
5	2,6,10-Trimethylundeca-1,3-diene	194	C14H26	1000222-09-1	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
Data File : BF106327.D
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Sample : J3308-08
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-09

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

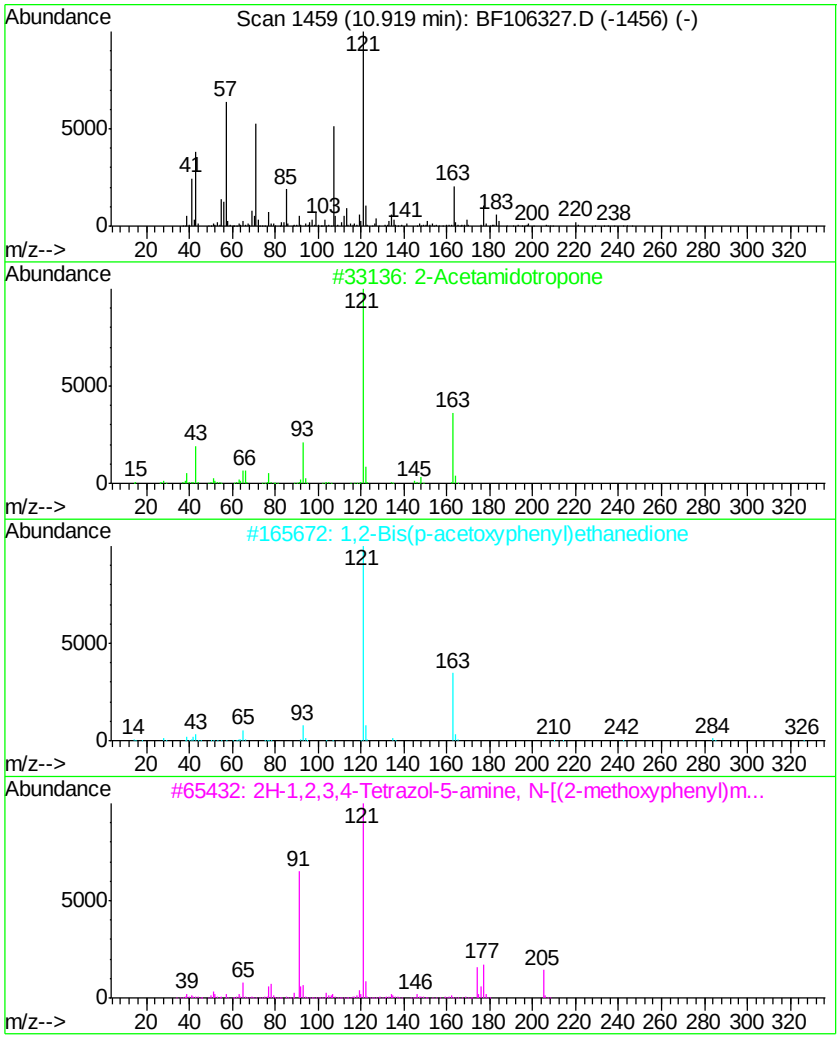
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

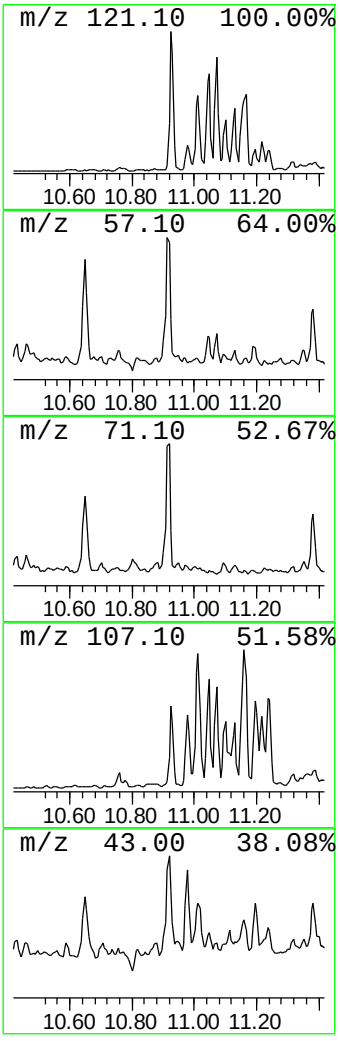
****

Peak Number 6 unknown10.92 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.92	26.13 ng	1458500	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Acetamidotropone	163	C9H9NO2	006422-12-4	49
2	1,2-Bis(p-acetoxyphenyl)ethanedione	326	C18H14O6	093655-79-9	47
3	2H-1,2,3,4-Tetrazol-5-amine, N-[...	205	C9H11N5O	1000337-56-1	47
4	N-Allyl-p-hydroxybenzamide	177	C10H11NO2	090921-72-5	46
5	Anisole, o-octyl-	220	C15H24O	020056-59-1	43





Library Search Compound Report

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Acq On : 12 Jun 2018 6:49
Operator : JU/SJ
Sample : J3308-08
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-09

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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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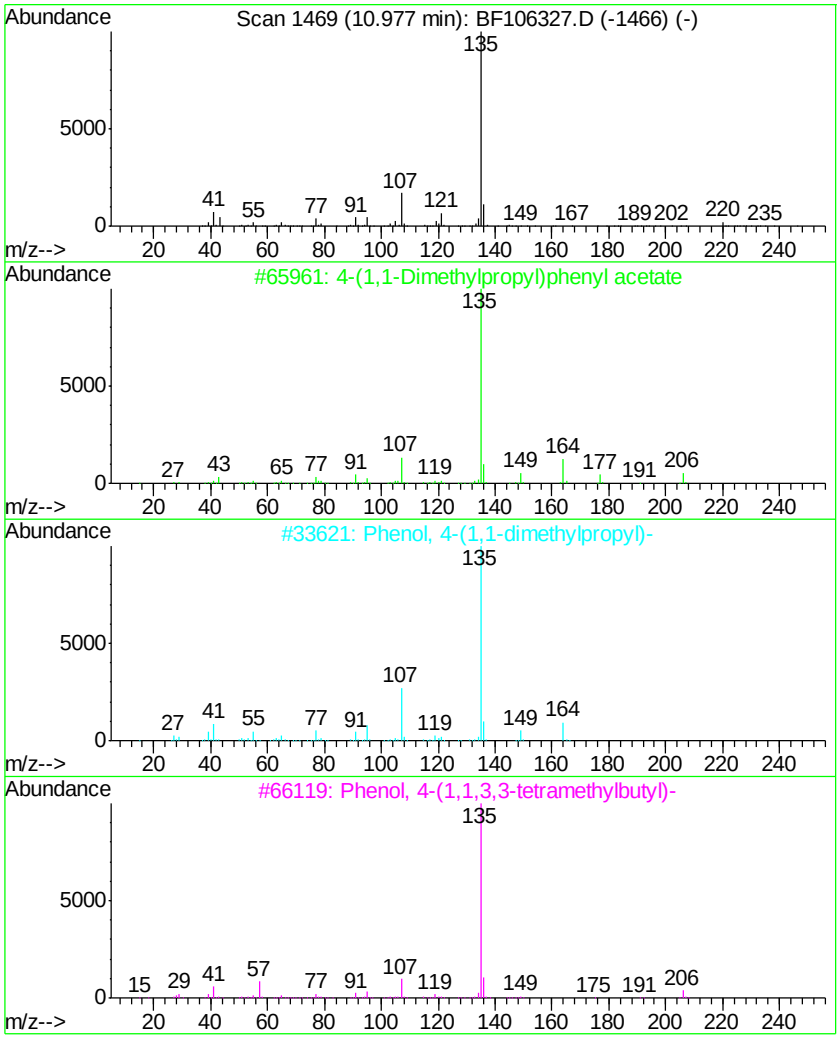
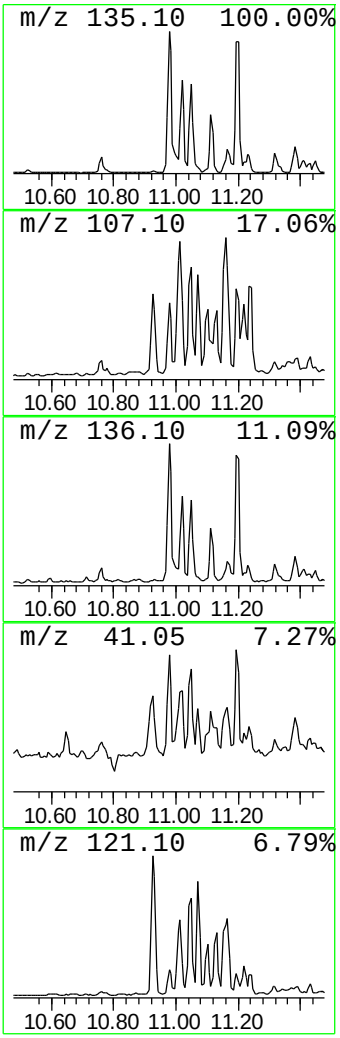
Peak Number 7 4-(1,1-Dimethylpropyl)pheny... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.98	36.85 ng	2057130	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(1,1-Dimethylpropyl)phenyl ace...	206	C13H18O2	1000373-45-3	78
2	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	78
3	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
4	4-tert-Butylphenyl acetate	192	C12H16O2	003056-64-2	72
5	Butane, 1,3-dibromo-	214	C4H8Br2	000107-80-2	64





Library Search Compound Report

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Sample : J3308-08
Misc :
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Instrument : BNA_F
ClientSampleId : MW-09

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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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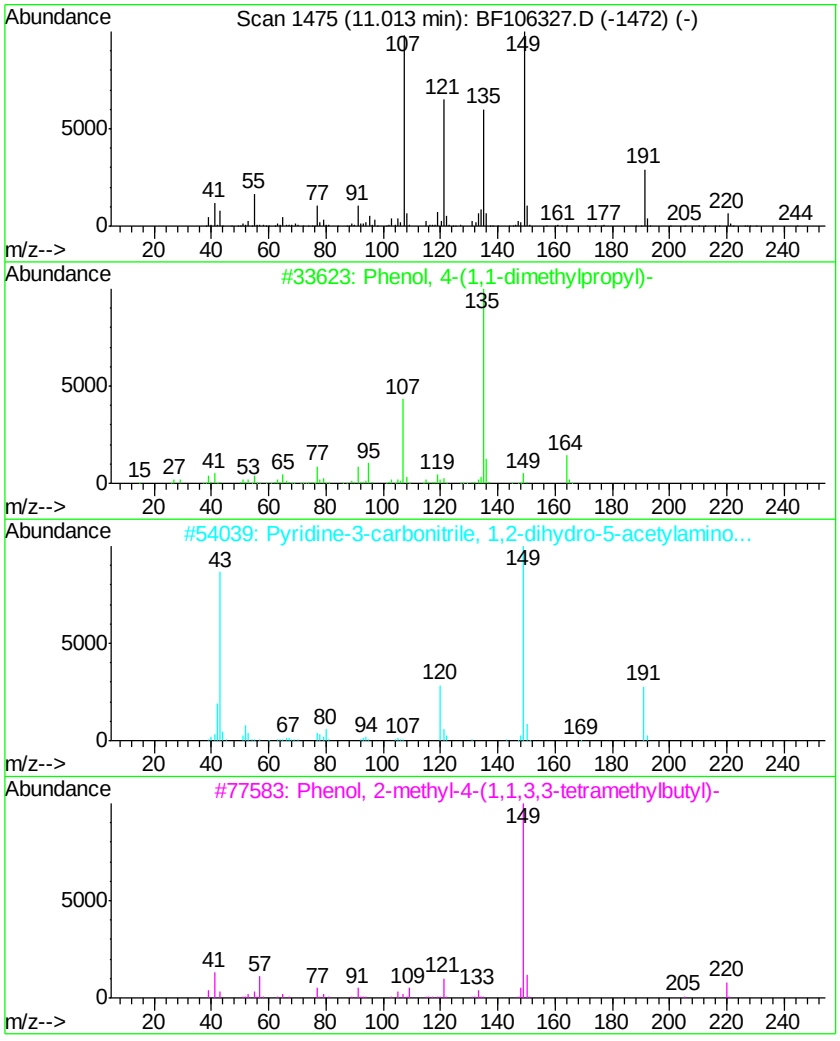
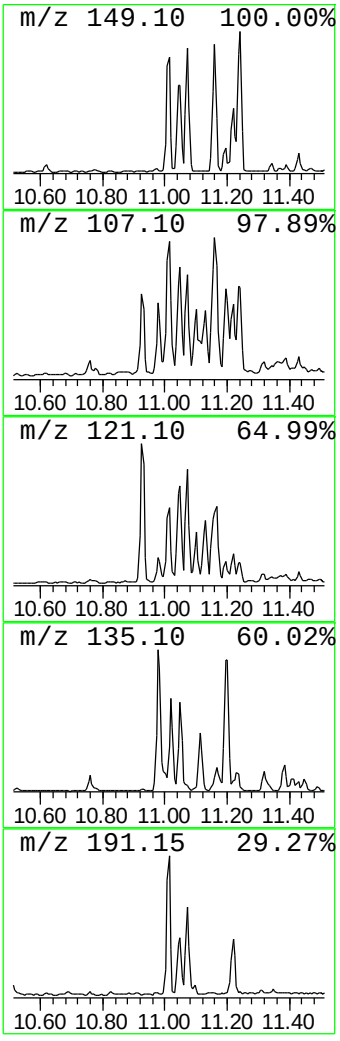
Peak Number 8 unknown38.39 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.01	38.39 ng	2143190	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	38
2	Pyridine-3-carbonitrile, 1,2-dih...	191	C9H9N3O2	220098-92-0	35
3	Phenol, 2-methyl-4-(1,1,3,3-tetr...	220	C15H24O	002219-84-3	30
4	4-Methyl-2-tert-octylphenol	220	C15H24O	004979-46-8	30
5	Phenol, 2-(1,1-dimethylethyl)-3-...	164	C11H16O	013037-79-1	27





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Instrument : BNA_F
ClientSampleId : MW-09

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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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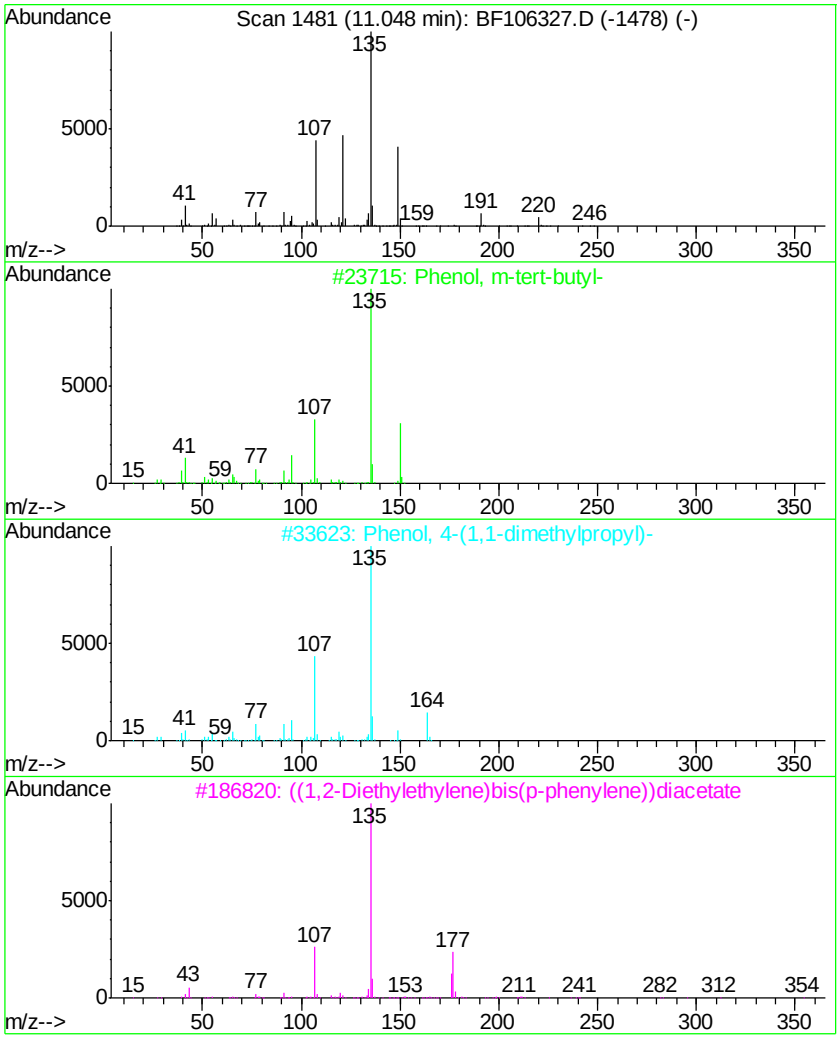
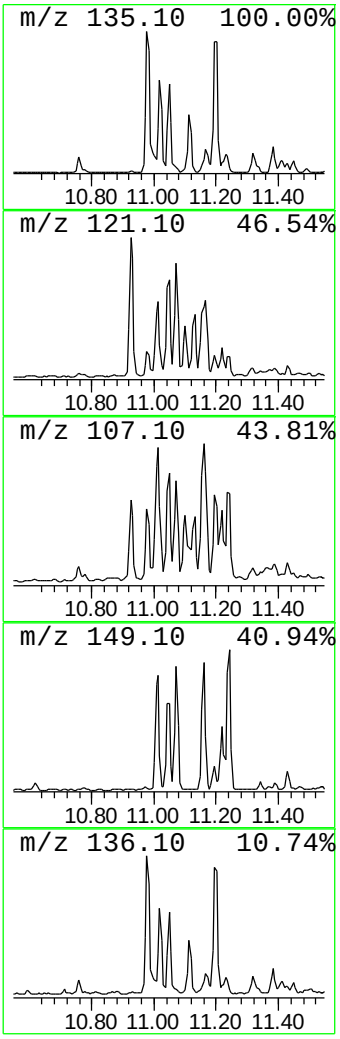
Peak Number 9 Phenol, m-tert-butyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.05	32.48 ng	1813240	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	50
2	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	50
3	((1,2-Diethylethylene)bis(p-phen...	354	C22H26O4	004547-76-6	50
4	Hexestrol, O-trifluoroacetyl-	366	C20H21F3O3	1000365-31-7	47
5	Hexestrol, O-acetyl-	312	C20H24O3	1000374-87-8	47





Library Search Compound Report

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Operator : JU/SJ
Sample : J3308-08
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-09

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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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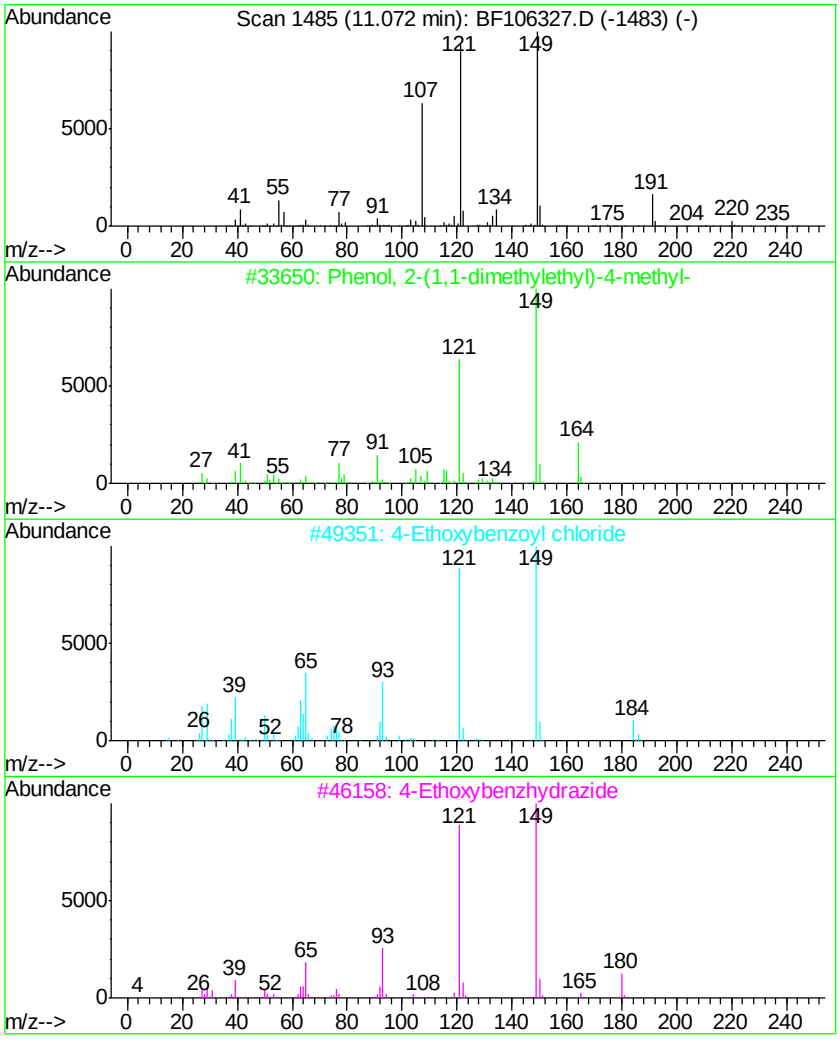
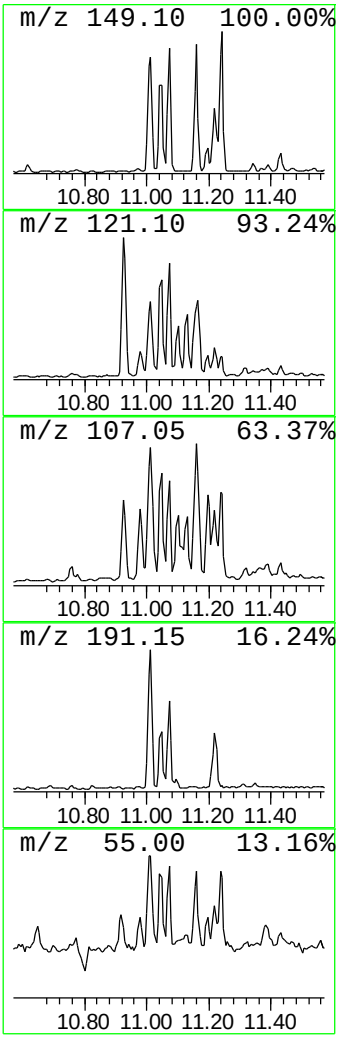
Peak Number 10 unknown11.07 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.07	19.36 ng	1080850	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-(1,1-dimethylethyl)-4-...	164	C11H16O	002409-55-4	45
2	4-Ethoxybenzoyl chloride	184	C9H9ClO2	016331-46-7	42
3	4-Ethoxybenzhydrazide	180	C9H12N2O2	058586-81-5	42
4	2-Methyl-4-hydroxybenzoxazole	149	C8H7NO2	051110-60-2	37
5	7-Methylthieno[3,2-b]pyridine	149	C8H7NS	013362-83-9	27





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Sample : J3308-08
Misc :
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Instrument : BNA_F
ClientSampleId : MW-09

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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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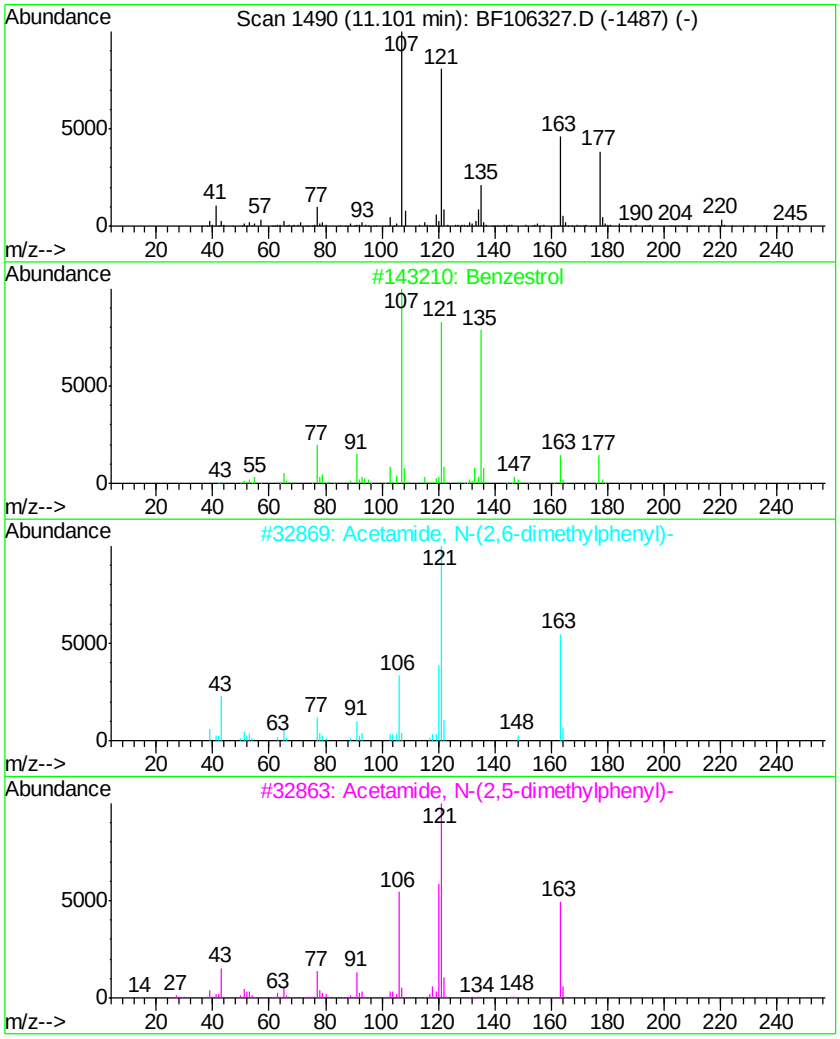
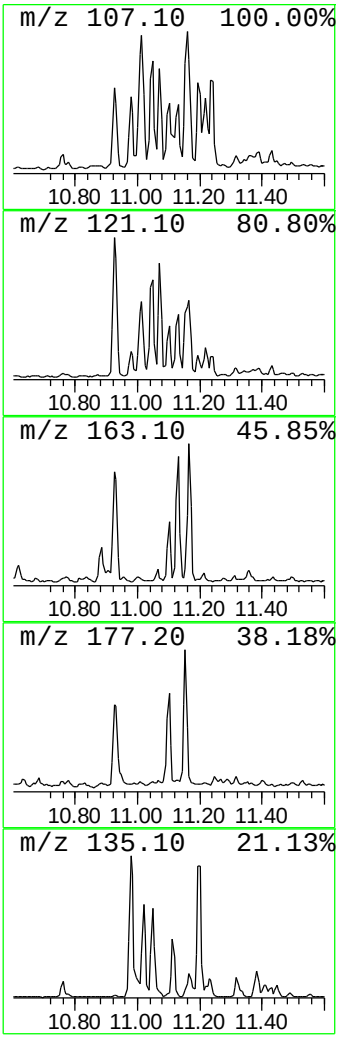
Peak Number 11 Benzestrol Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.10	9.88 ng	551647	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzestrol	298	C20H26O2	000085-95-0	50
2	Acetamide, N-(2,6-dimethylphenyl)-	163	C10H13NO	002198-53-0	35
3	Acetamide, N-(2,5-dimethylphenyl)-	163	C10H13NO	002050-44-4	35
4	Isobutyramide, N-methyl-N-phenyl-	177	C11H15NO	1000339-96-1	35
5	Propanamide, N-(3-methylphenyl)-...	177	C11H15NO	1000307-32-0	35





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Instrument : BNA_F
ClientSampleId : MW-09

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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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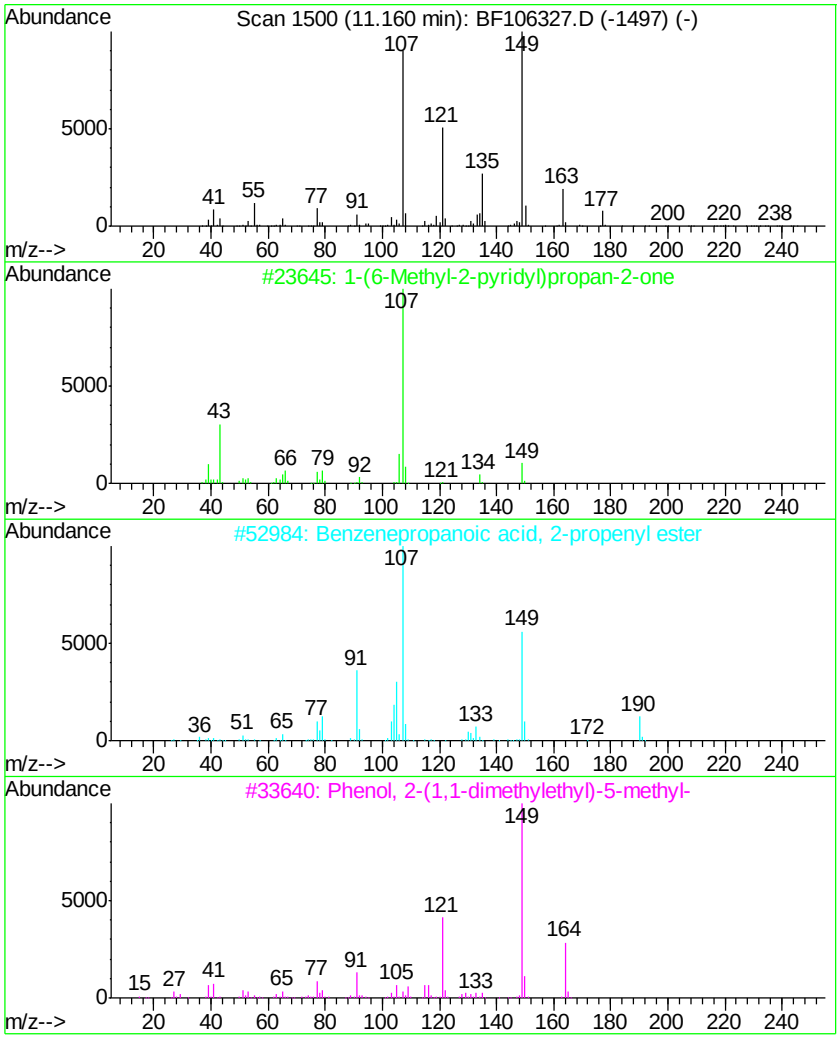
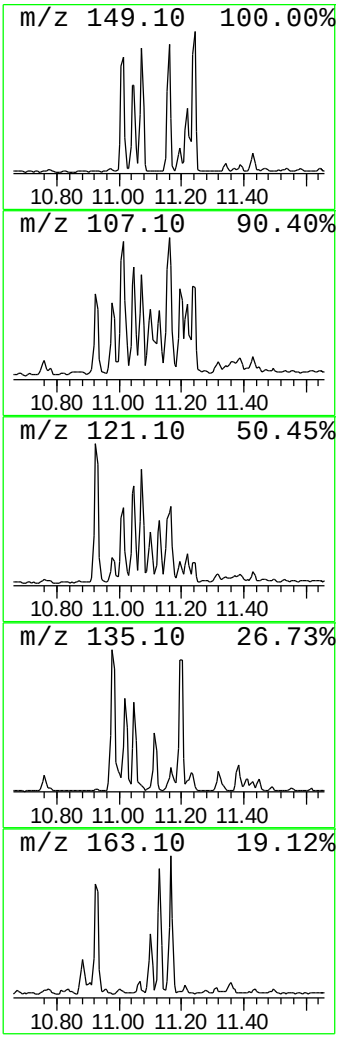
Peak Number 12 unknown11.16 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.16	33.21 ng	1853850	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(6-Methyl-2-pyridyl)propan-2-one	149	C9H11NO	065702-08-1	42
2	Benzenepropanoic acid, 2-propenyl...	190	C12H14O2	015814-45-6	37
3	Phenol, 2-(1,1-dimethylethyl)-5-...	164	C11H16O	000088-60-8	35
4	Acetamide, 2-(4-cyclohexylphenox...	324	C20H24N2O2	1000263-95-6	32
5	8a-Methyl-5-methylene-3-([(pyrid...	340	C21H28N2O2	1000300-74-4	27





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Sample : J3308-08
Misc :
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Instrument : BNA_F
ClientSampleId : MW-09

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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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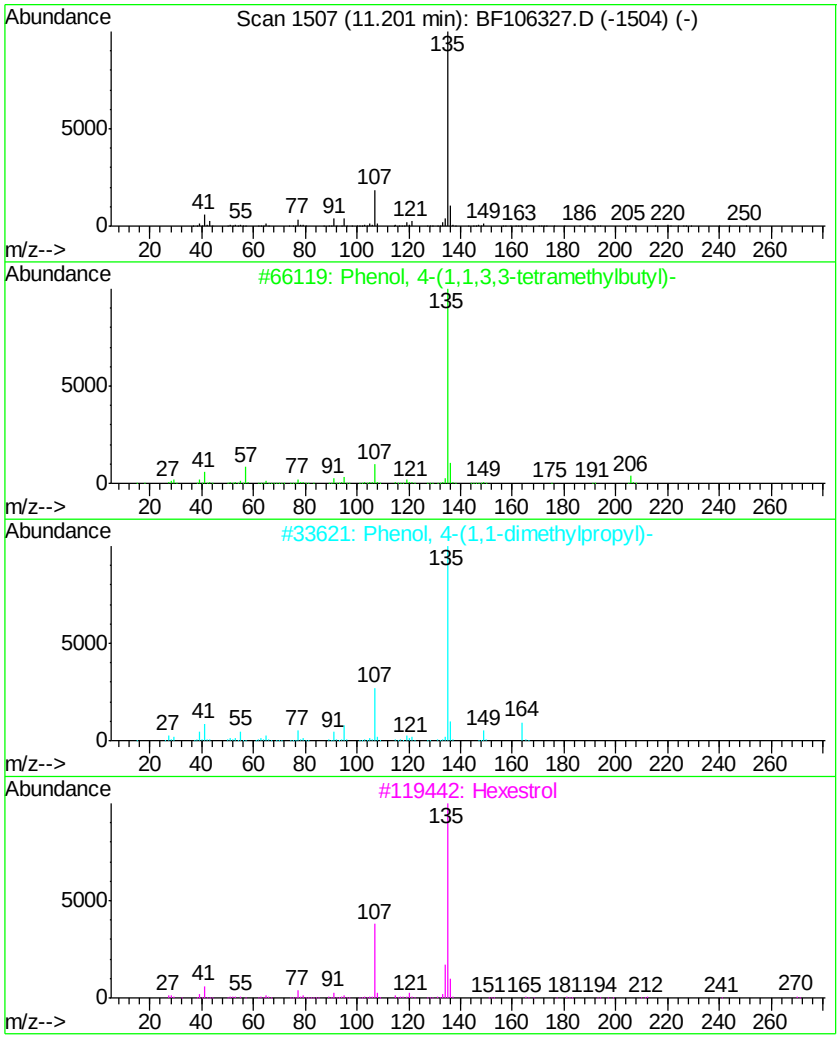
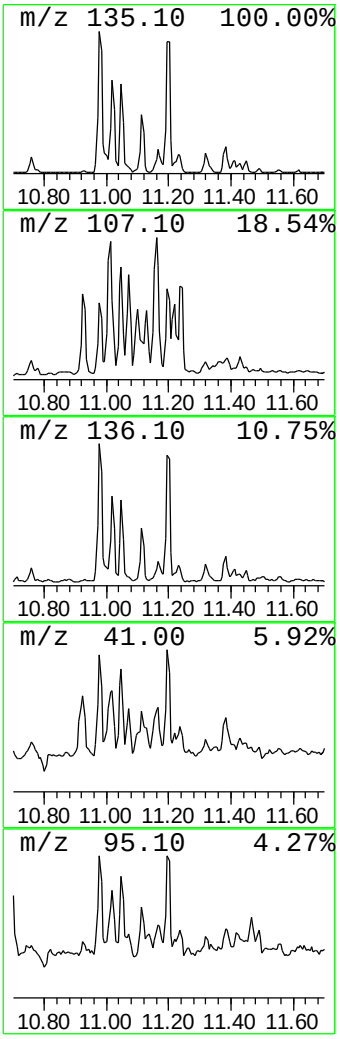
Peak Number 13 Phenol, 4-(1,1,3,3-tetramet... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.20	31.75 ng	1772640	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	64
2	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	64
3	Hexestrol	270	C18H22O2	005635-50-7	64
4	Pentanoic acid, 5-hydroxy-, p-t-...	250	C15H22O3	166273-37-6	64
5	Hexestrol	270	C18H22O2	000084-16-2	64





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Sample : J3308-08
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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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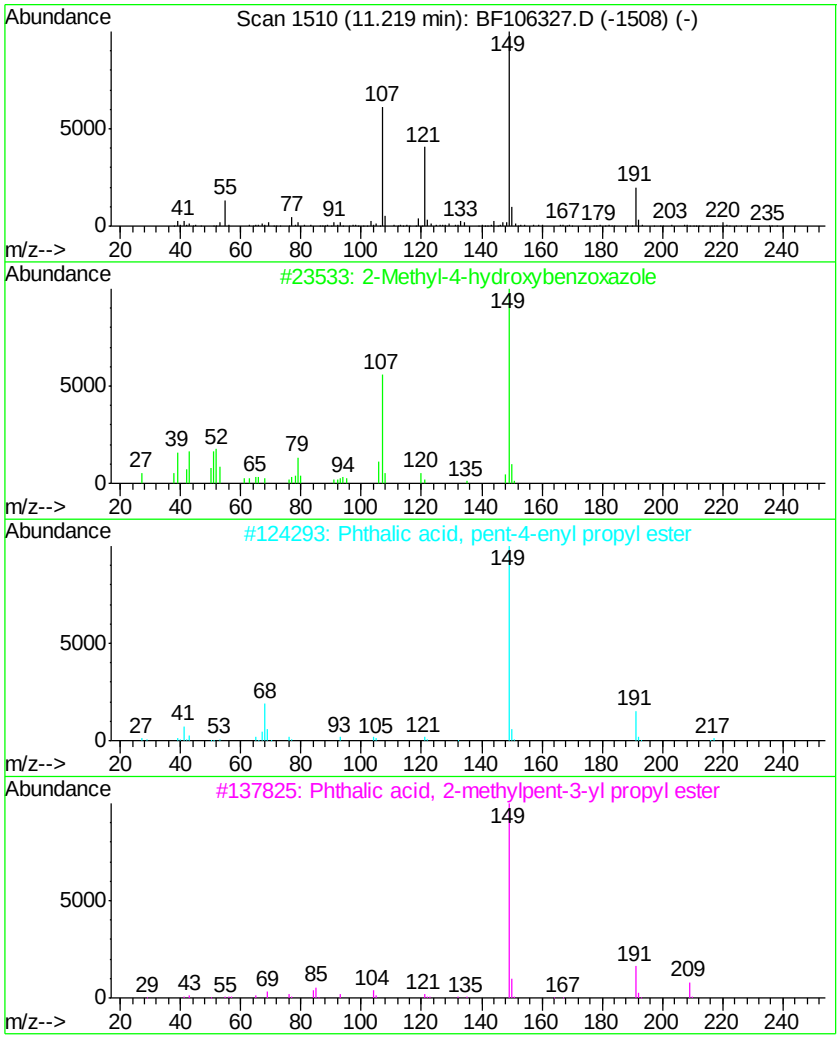
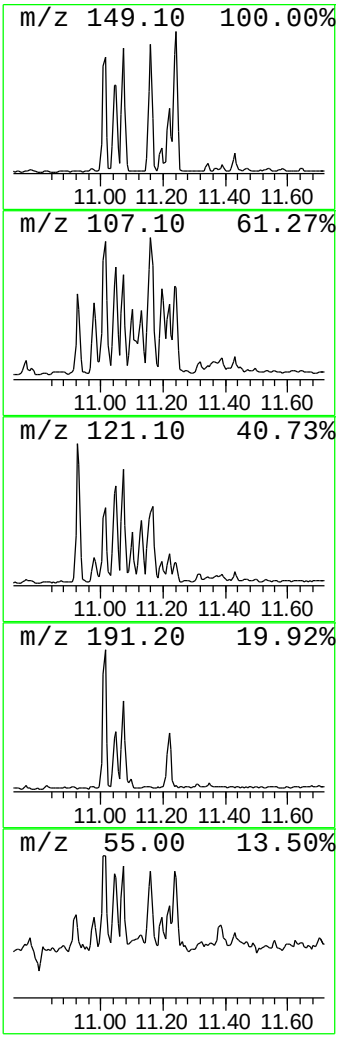
Peak Number 14 2-Methyl-4-hydroxybenzoxazole Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.22	14.22 ng	794037	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-4-hydroxybenzoxazole	149	C8H7NO2	051110-60-2	59
2	Phthalic acid, pent-4-enyl propy...	276	C16H20O4	1000360-45-4	50
3	Phthalic acid, 2-methylpent-3-yl...	292	C17H24O4	1000356-90-6	50
4	2H-Indol-2-one, 1,3-dihydro-5-hy...	149	C8H7NO2	003416-18-0	47
5	Phthalic acid, hept-2-yl propyl ...	306	C18H26O4	1000356-96-9	43





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Instrument : BNA_F
ClientSampleId : MW-09

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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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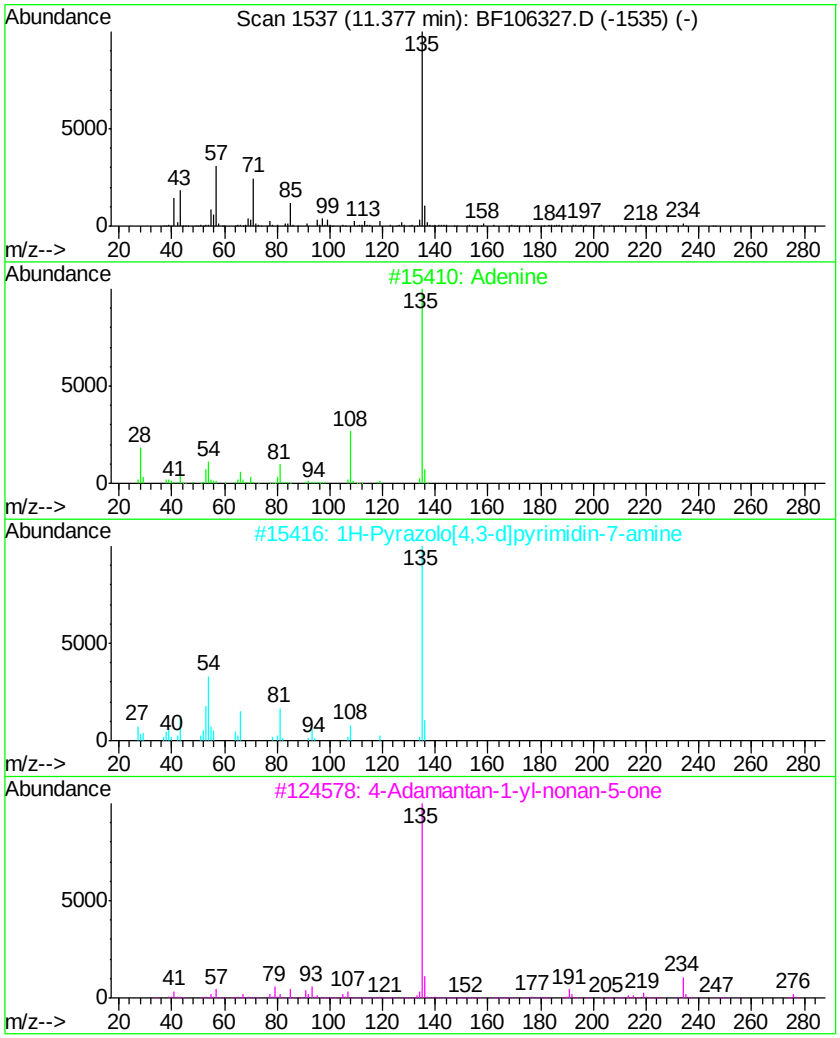
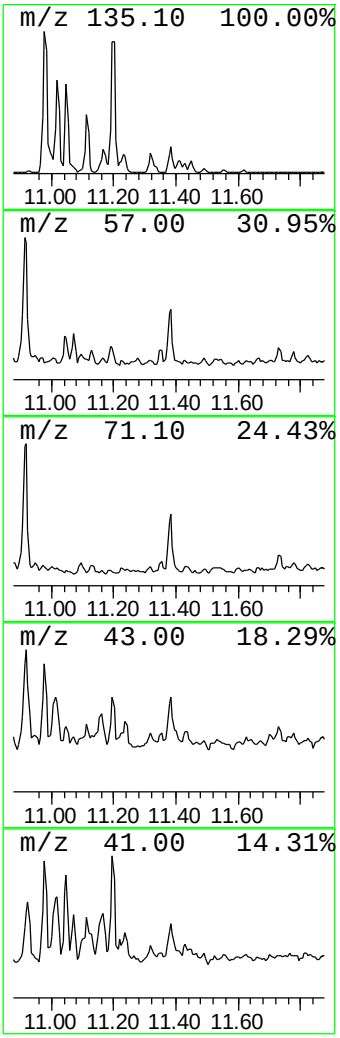
Peak Number 16 Adenine Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.38	13.90 ng	775719	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Adenine	135	C5H5N5	000073-24-5	53
2	1H-Pyrazolo[4,3-d]pyrimidin-7-amine	135	C5H5N5	013877-56-0	50
3	4-Adamantan-1-yl-nonan-5-one	276	C19H32O	1000274-59-6	50
4	N-(2-Adamantan-1-yl-ethyl)-3,3,3...	357	C16H21F6NO	1000296-55-3	50
5	1-Adamantanecarboxylic acid, 3,4...	324	C17H18Cl2O2	1000307-66-4	50





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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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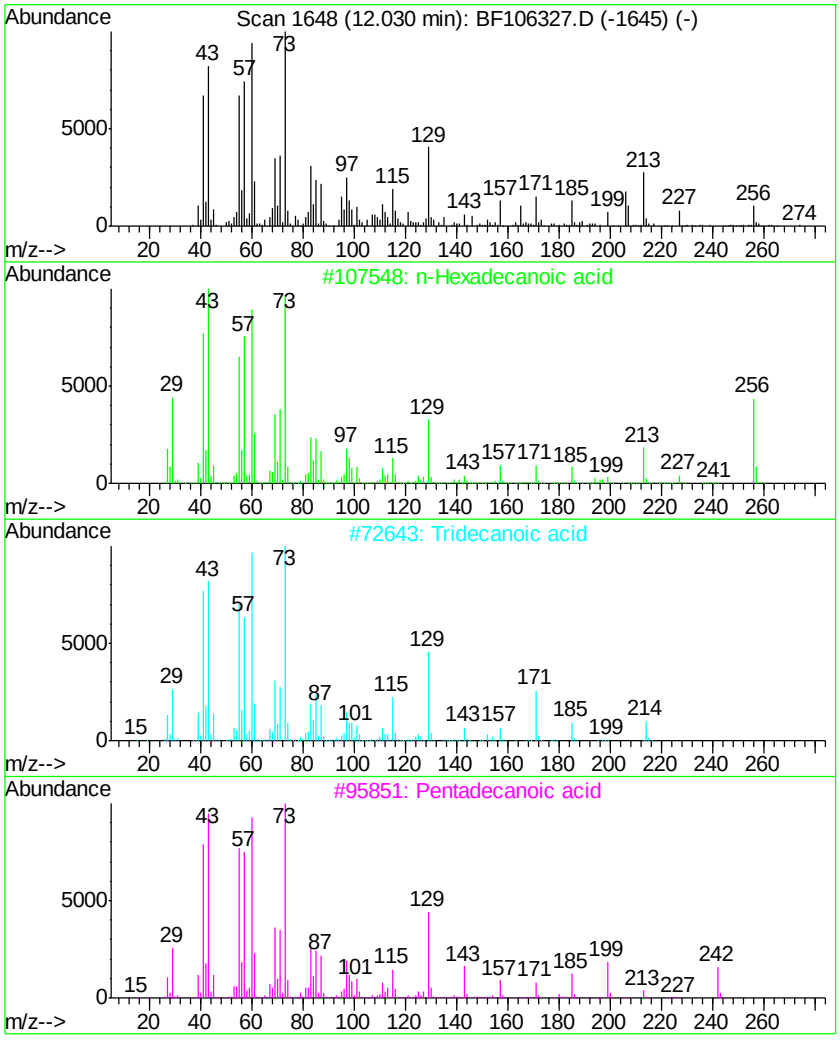
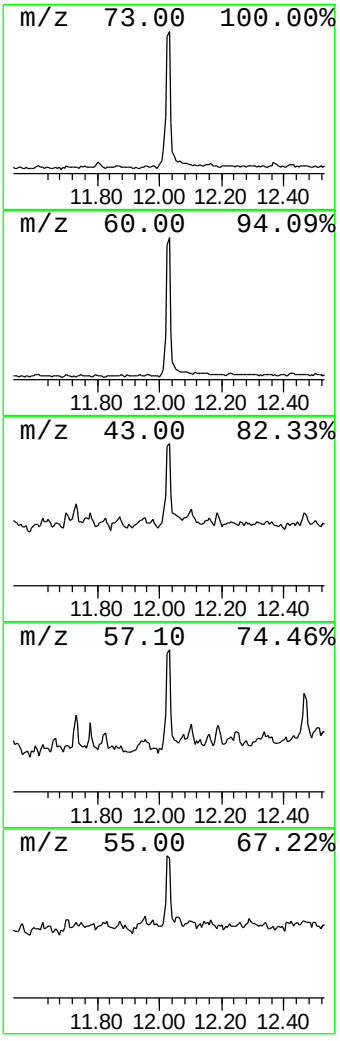
Peak Number 17 n-Hexadecanoic acid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	9.54 ng	532433	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	n-Decanoic acid	172	C10H20O2	000334-48-5	62





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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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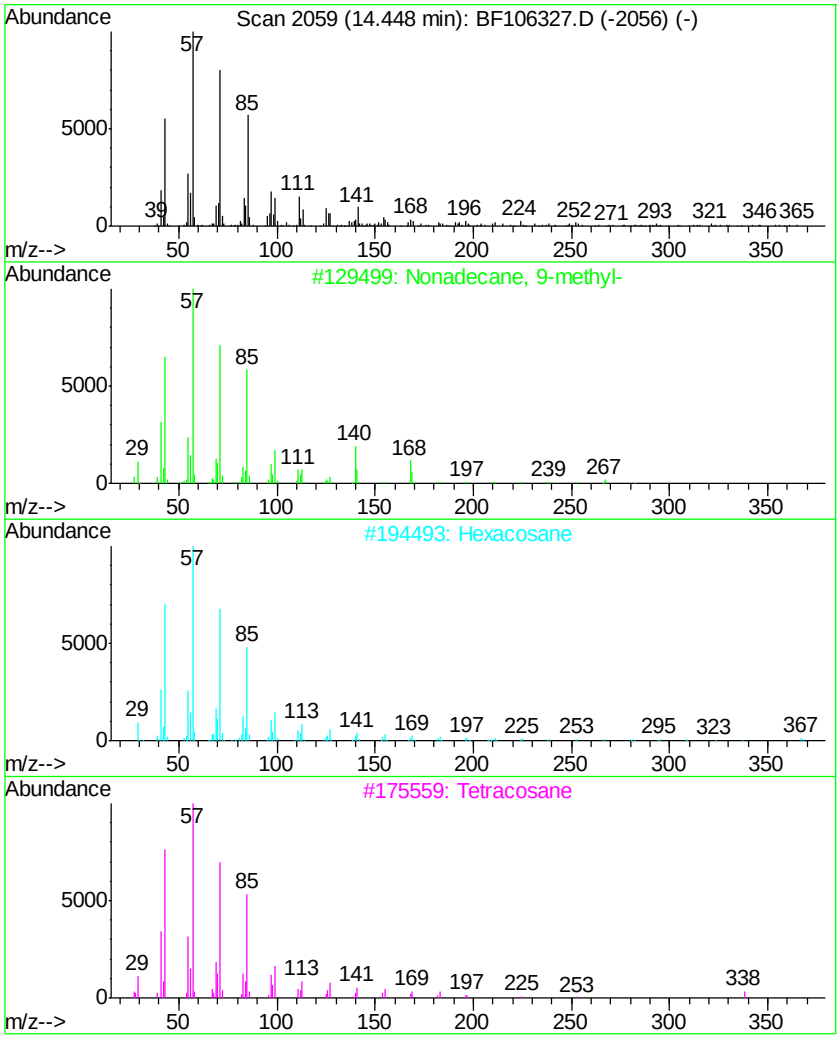
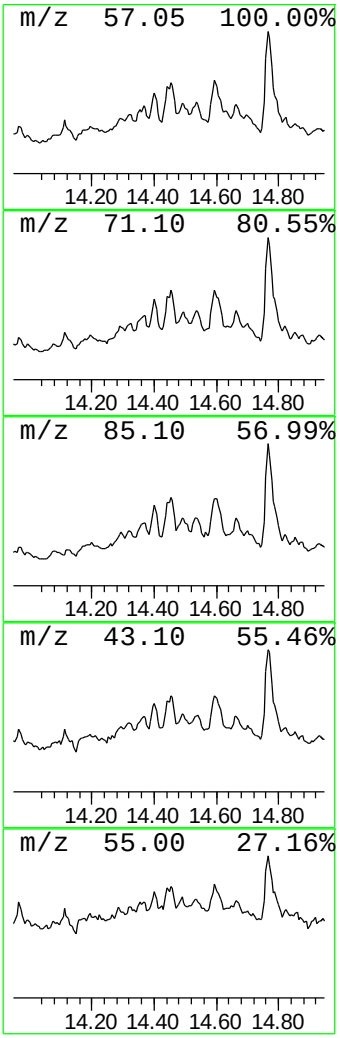
Peak Number 18 Nonadecane, 9-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.45	9.03 ng	528418	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	93
2	Hexacosane	366	C26H54	000630-01-3	91
3	Tetracosane	338	C24H50	000646-31-1	91
4	Heptacosane	380	C27H56	000593-49-7	91
5	Hexadecane	226	C16H34	000544-76-3	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
Data File : BF106327.D
Acq On : 12 Jun 2018 6:49
Operator : JU/SJ
Sample : J3308-08
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-09

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

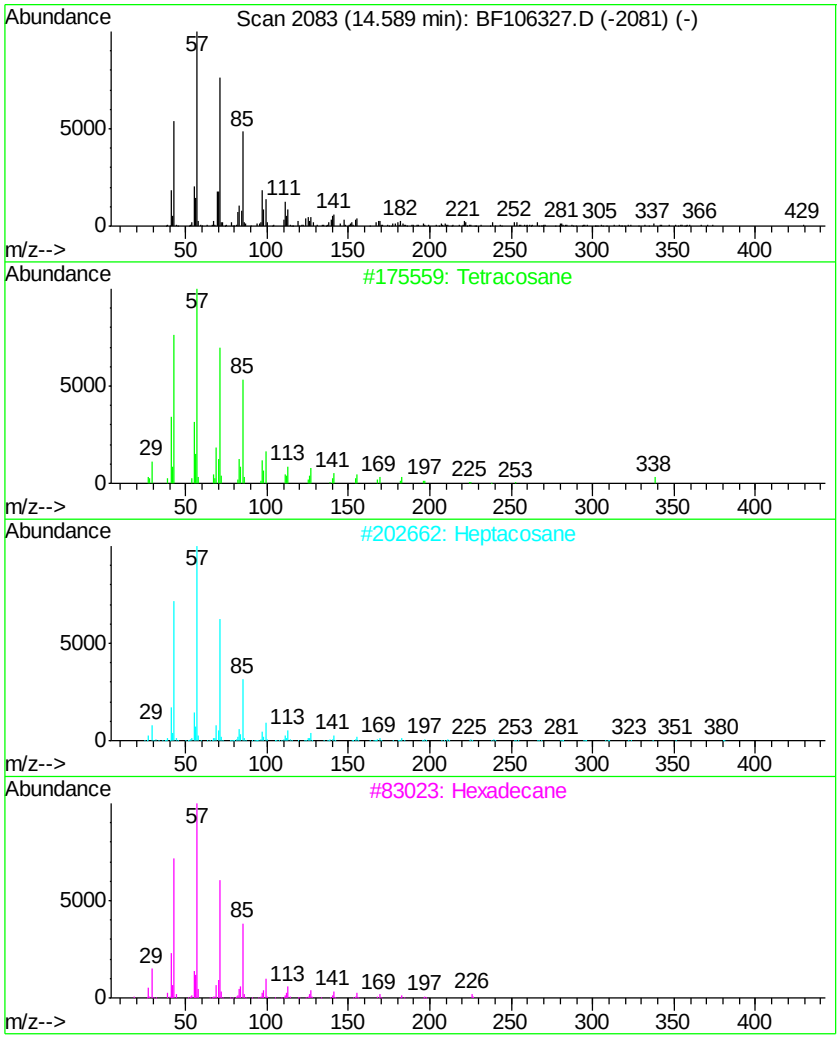
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

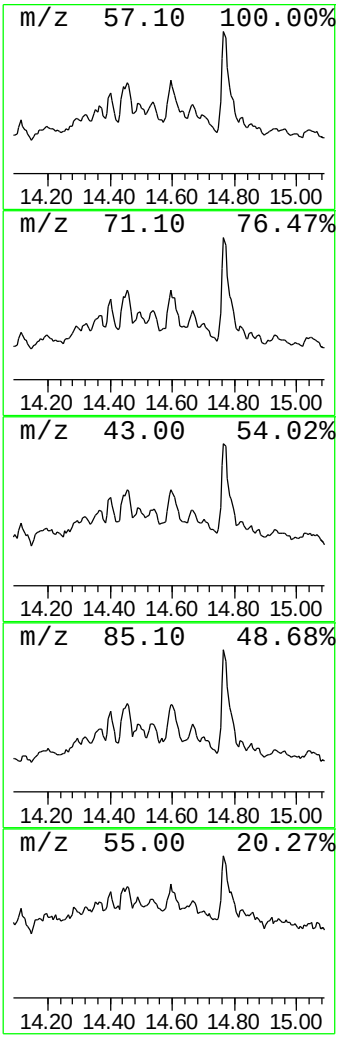
****

Peak Number 19 Tetracosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.59	10.40 ng	608623	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	98
2	Heptacosane	380	C27H56	000593-49-7	80
3	Hexadecane	226	C16H34	000544-76-3	80
4	Nonadecane	268	C19H40	000629-92-5	80
5	Octacosane	394	C28H58	000630-02-4	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
Data File : BF106327.D
Acq On : 12 Jun 2018 6:49
Operator : JU/SJ
Sample : J3308-08
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-09

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.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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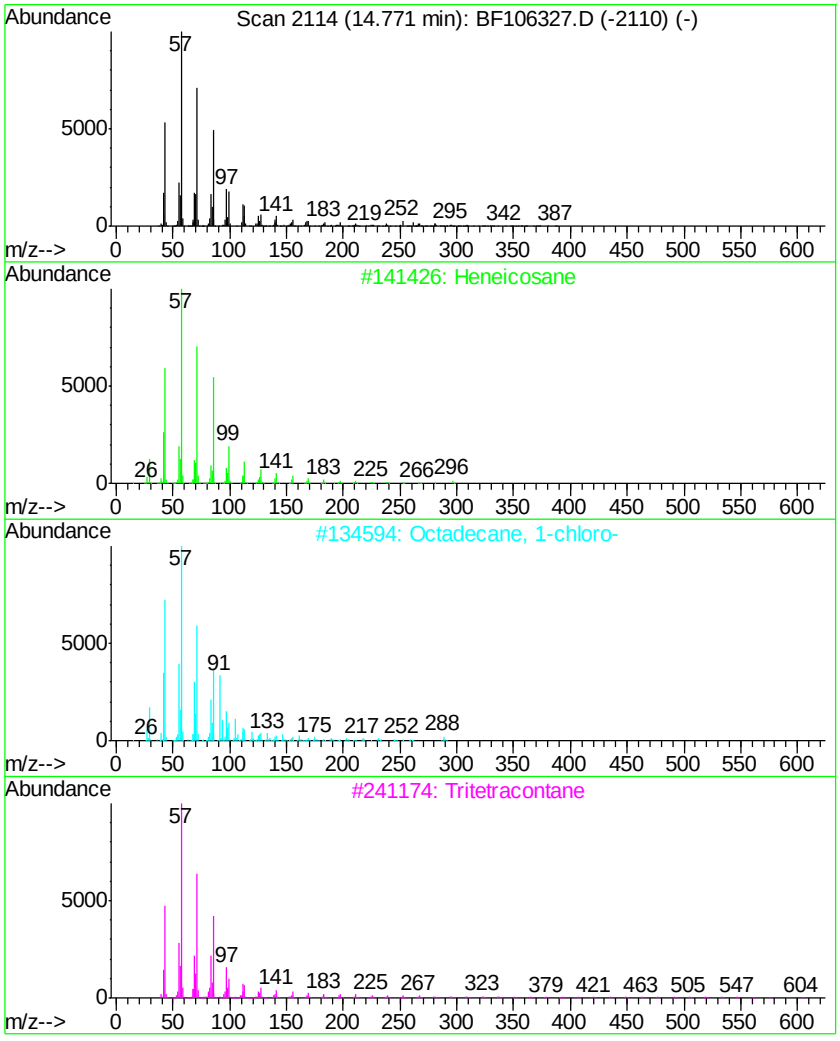
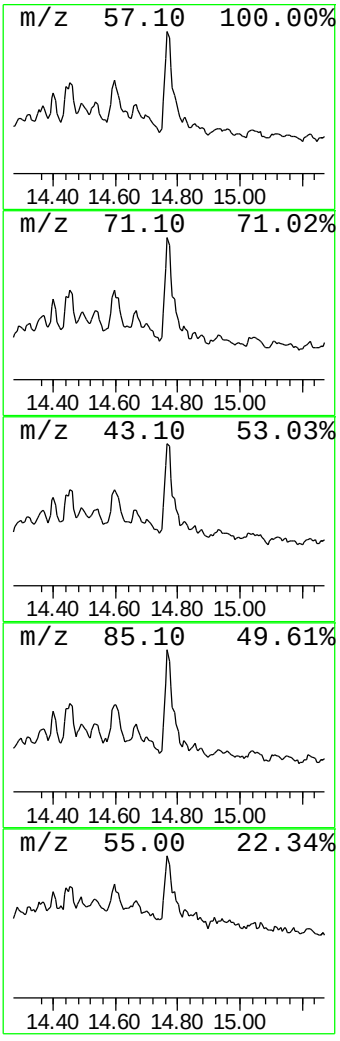
Peak Number 20 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	28.02 ng	1639500	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	95
2	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	91
3	Tritetracontane	605	C43H88	007098-21-7	91
4	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	91
5	Hexacosane	366	C26H54	000630-01-3	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061118\
Data File : BF106327.D
Acq On : 12 Jun 2018 6:49
Operator : JU/SJ
Sample : J3308-08
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-09

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.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
unknown6.74	6.74	56.6	ng	3867580	1	6.97	1367330	20.0
Octane, 3,6-dimet...	8.67	6.1	ng	525812	2	8.25	1735030	20.0
Dodecane, 2,7,10-...	9.27	8.9	ng	596576	3	10.01	1335320	20.0
unknown9.41	9.41	9.8	ng	656455	3	10.01	1335320	20.0
unknown10.92	10.92	26.1	ng	1458500	4	11.51	1116540	20.0
4-(1,1-Dimethylpr...	10.98	36.9	ng	2057130	4	11.51	1116540	20.0
unknown38.39	11.01	38.4	ng	2143190	4	11.51	1116540	20.0
Phenol, m-tert-bu...	11.05	32.5	ng	1813240	4	11.51	1116540	20.0
unknown11.07	11.07	19.4	ng	1080850	4	11.51	1116540	20.0
Benzestrol	11.10	9.9	ng	551647	4	11.51	1116540	20.0
unknown11.16	11.16	33.2	ng	1853850	4	11.51	1116540	20.0
Phenol, 4-(1,1,3,...	11.20	31.8	ng	1772640	4	11.51	1116540	20.0
2-Methyl-4-hydrox...	11.22	14.2	ng	794037	4	11.51	1116540	20.0
Adenine	11.38	13.9	ng	775719	4	11.51	1116540	20.0
n-Hexadecanoic acid	12.03	9.5	ng	532433	4	11.51	1116540	20.0
Nonadecane, 9-met...	14.45	9.0	ng	528418	5	14.15	1170290	20.0
Tetracosane	14.59	10.4	ng	608623	5	14.15	1170290	20.0
Heneicosane	14.77	28.0	ng	1639500	5	14.15	1170290	20.0