LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021318\
Data File : BF102962.D
Acq On : 13 Feb 2018 15:30
Operator : SJ/JU
Sample : J1511-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MM-2

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-BF020318.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	2.134	3	8	16	rVB	366658	481498	11.67%	0.549%
2	5.087	507	510	519	rVB	688484	775697	18.80%	0.885%
3	5.492	575	579	582	rVB	2403578	2306956	55.92%	2.631%
4	6.045	669	673	680	rVB	182263	239036	5.79%	0.273%
5	6.504	746	751	756	rVB	2872098	3324650	80.58%	3.791%
6	6.639	770	774	778	rBV	3054131	2837168	68.77%	3.235%
7	6.869	810	813	820	rVB	1215387	1109759	26.90%	1.266%
8	7.028	835	840	843	rBV	2830793	2445091	59.26%	2.788%
9	7.434	905	909	912	rVV	2380455	2276379	55.18%	2.596%
10	7.463	912	914	918	rVB	297032	236620	5.74%	0.270%
11	8.128	1025	1027	1029	rVV	578074	526976	12.77%	0.601%
12	8.157	1029	1032	1033	rVV	1634519	1465922	35.53%	1.672%
13	8.175	1033	1035	1038	rVV	2015417	1781221	43.17%	2.031%
14	8.210	1038	1041	1043	rVV	277082	263590	6.39%	0.301%
15	8.439	1077	1080	1085	rVB5	183420	233932	5.67%	0.267%
16	8.510	1085	1092	1093	rBV5	130769	250745	6.08%	0.286%
17	8.569	1099	1102	1104	rBV	528395	399053	9.67%	0.455%
18	8.739	1128	1131	1135	rBV	840820	668443	16.20%	0.762%
19	8.869	1150	1153	1155	rBV	800109	653701	15.84%	0.745%
20	8.969	1166	1170	1173	rVB	547538	562324	13.63%	0.641%
21	9.098	1189	1192	1196	rBV2	196510	226406	5.49%	0.258%
22	9.169	1202	1204	1207	rVV	642730	468083	11.35%	0.534%
23	9.227	1210	1214	1217	rBV	3099545	2691291	65.23%	3.069%
24	9.304	1223	1227	1230	rBV	1324300	1200119	29.09%	1.369%
25	9.492	1255	1259	1262	rBV	441088	571239	13.85%	0.651%
26	9.569	1268	1272	1274	rVV	650830	796277	19.30%	0.908%
27	9.592	1274	1276	1278	rVV	516985	407243	9.87%	0.464%
28	9.622	1278	1281	1284	rVV3	1113288	1149977	27.87%	1.311%
29	9.680	1288	1291	1293	rBV	385281	347069	8.41%	0.396%
30	9.769	1304	1306	1309	rVB2	301098	287269	6.96%	0.328%
31	9.833	1309	1317	1320	rBV	1312716	1276456	30.94%	1.456%
32	9.910	1327	1330	1333	rVB2	1512489	1340927	32.50%	1.529%
33	9.945	1333	1336	1339	rVB	912940	736610	17.85%	0.840%
34	10.010	1344	1347	1351	rBV	348122	432465	10.48%	0.493%

LSC Area Percent Report

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Data File : BF102962.D
Acq On : 13 Feb 2018 15:30
Operator : SJ/JU
Sample : J1511-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MM-2

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-BF020318.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.063	1351	1356	1359	rBV3	267618	429715	10.42%	0.490%
36	10.110	1359	1364	1368	rVB3	919054	1123355	27.23%	1.281%
37	10.151	1368	1371	1376	rBV2	645205	618543	14.99%	0.705%
38	10.227	1380	1384	1386	rBV	393507	404664	9.81%	0.461%
39	10.251	1386	1388	1390	rBV	278440	229347	5.56%	0.262%
40	10.316	1395	1399	1400	rBV	414830	461595	11.19%	0.526%
41	10.333	1400	1402	1404	rVB	1410767	972056	23.56%	1.108%
42	10.457	1419	1423	1426	rBV2	766717	776181	18.81%	0.885%
43	10.551	1436	1439	1444	rVB2	760198	936098	22.69%	1.067%
44	10.610	1446	1449	1452	rVB3	224299	256843	6.23%	0.293%
45	10.698	1461	1464	1467	rVB	704475	629696	15.26%	0.718%
46	10.822	1479	1485	1488	rBV2	1352121	2153715	52.20%	2.456%
47	10.998	1512	1515	1519	rBV6	221558	313589	7.60%	0.358%
48	11.033	1519	1521	1524	rVB2	301938	233859	5.67%	0.267%
49	11.204	1547	1550	1553	rVB	565569	507730	12.31%	0.579%
50	11.251	1554	1558	1561	rVV2	1159649	1249248	30.28%	1.425%
51	11.286	1561	1564	1571	rVB2	882635	1234286	29.92%	1.408%
52	11.398	1580	1583	1585	rBV	1162255	1218242	29.53%	1.389%
53	11.427	1585	1588	1591	rVV	3962071	4125718	100.00%	4.705%
54	11.474	1593	1596	1599	rVB	1222174	954577	23.14%	1.089%
55	11.563	1608	1611	1615	rVV4	167035	308552	7.48%	0.352%
56	11.627	1619	1622	1628	rVV2	685798	765484	18.55%	0.873%
57	11.680	1628	1631	1635	rVV2	926232	845640	20.50%	0.964%
58	11.727	1636	1639	1644	rVB	363339	382350	9.27%	0.436%
59	11.898	1665	1668	1670	rBV	861380	786687	19.07%	0.897%
60	11.927	1670	1673	1676	rVV	1107040	1088197	26.38%	1.241%
61	11.974	1679	1681	1684	rVV	373487	303212	7.35%	0.346%
62	12.010	1684	1687	1689	rVV2	874664	956415	23.18%	1.091%
63	12.033	1689	1691	1694	rVB	686045	542757	13.16%	0.619%
64	12.086	1697	1700	1705	rVB	809860	699699	16.96%	0.798%
65	12.192	1715	1718	1720	rBV	509514	392239	9.51%	0.447%
66	12.221	1720	1723	1725	rVB2	368642	309529	7.50%	0.353%
67	12.368	1746	1748	1751	rBV2	292389	279477	6.77%	0.319%
68	12.445	1758	1761	1764	rBV	488865	527988	12.80%	0.602%
69	12.474	1764	1766	1770	rVV3	841794	774251	18.77%	0.883%
70	12.533	1773	1776	1781	rVB	333213	372516	9.03%	0.425%
71	12.616	1786	1790	1793	rBV	2717064	2465459	59.76%	2.812%

LSC Area Percent Report

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Data File : BF102962.D
Acq On : 13 Feb 2018 15:30
Operator : SJ/JU
Sample : J1511-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MM-2

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-BF020318.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	12.845	1823	1829	1834	rBV	2985363	3541175	85.83%	4.038%
73	12.892	1834	1837	1841	rVB2	271019	332873	8.07%	0.380%
74	12.957	1845	1848	1849	rBV2	252795	238178	5.77%	0.272%
75	12.980	1849	1852	1859	rVB	1702601	1775616	43.04%	2.025%
76	13.051	1861	1864	1868	rBV3	300648	535269	12.97%	0.610%
77	13.139	1877	1879	1881	rBV4	212516	245006	5.94%	0.279%
78	13.204	1887	1890	1892	rBV	644214	588461	14.26%	0.671%
79	13.268	1899	1901	1904	rVB2	367693	319917	7.75%	0.365%
80	13.363	1915	1917	1920	rVB	279168	230551	5.59%	0.263%
81	13.392	1920	1922	1925	rBV	271719	289635	7.02%	0.330%
82	13.545	1945	1948	1951	rBV	600773	593263	14.38%	0.677%
83	13.674	1967	1970	1974	rVB	399504	421253	10.21%	0.480%
84	13.786	1985	1989	1992	rBV2	254961	367004	8.90%	0.419%
85	13.868	2000	2003	2013	rVB2	856559	1302609	31.57%	1.485%
86	14.004	2024	2026	2027	rBV	286652	233272	5.65%	0.266%
87	14.033	2027	2031	2034	rVV2	1458622	2156016	52.26%	2.459%
88	14.062	2034	2036	2044	rVB	1111075	1171207	28.39%	1.336%
89	14.186	2054	2057	2060	rBV	567778	539046	13.07%	0.615%
90	14.421	2095	2097	2100	rVB	333198	286533	6.95%	0.327%
91	14.492	2106	2109	2115	rBV2	609778	613947	14.88%	0.700%
92	14.798	2158	2161	2165	rBV	402227	422833	10.25%	0.482%
93	15.080	2205	2209	2213	rBV	768884	1317221	31.93%	1.502%
94	15.139	2216	2219	2225	rVB2	424548	472005	11.44%	0.538%
95	15.392	2258	2262	2267	rVB	534513	723161	17.53%	0.825%
96	15.451	2269	2272	2278	rVB	723278	953784	23.12%	1.088%
97	15.515	2279	2283	2287	rBV2	842642	1180763	28.62%	1.346%
98	15.962	2356	2359	2363	rVB	289816	373113	9.04%	0.425%
99	17.003	2532	2536	2543	rVB2	293815	546266	13.24%	0.623%
100	17.456	2609	2613	2622	rVB	261556	521811	12.65%	0.595%

Sum of corrected areas: 87691489

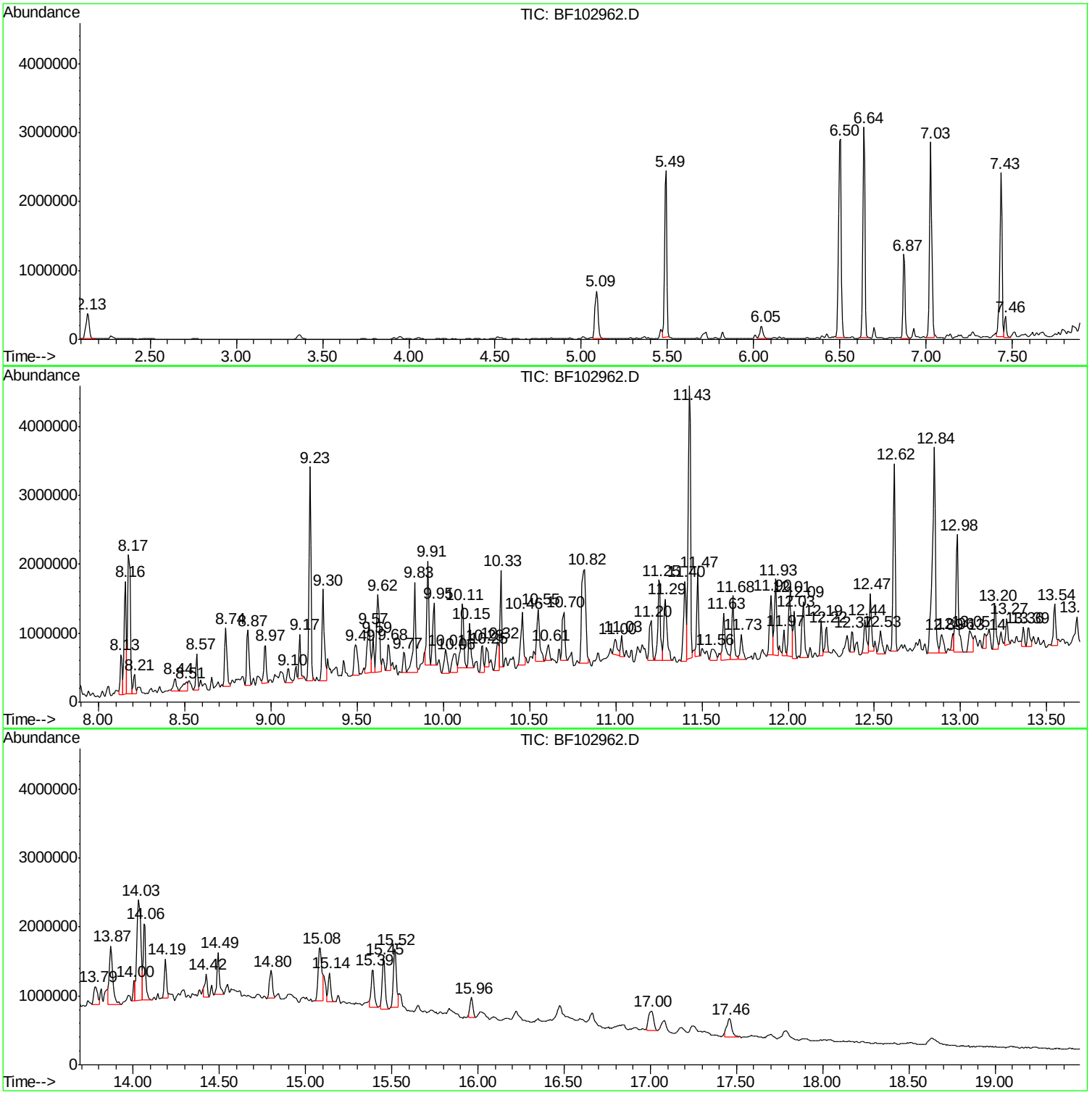
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021318\
Data File : BF102962.D
Acq On : 13 Feb 2018 15:30
Operator : SJ/JU
Sample : J1511-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MM-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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\BF021318\
Data File : BF102962.D
Acq On : 13 Feb 2018 15:30
Operator : SJ/JU
Sample : J1511-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MM-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

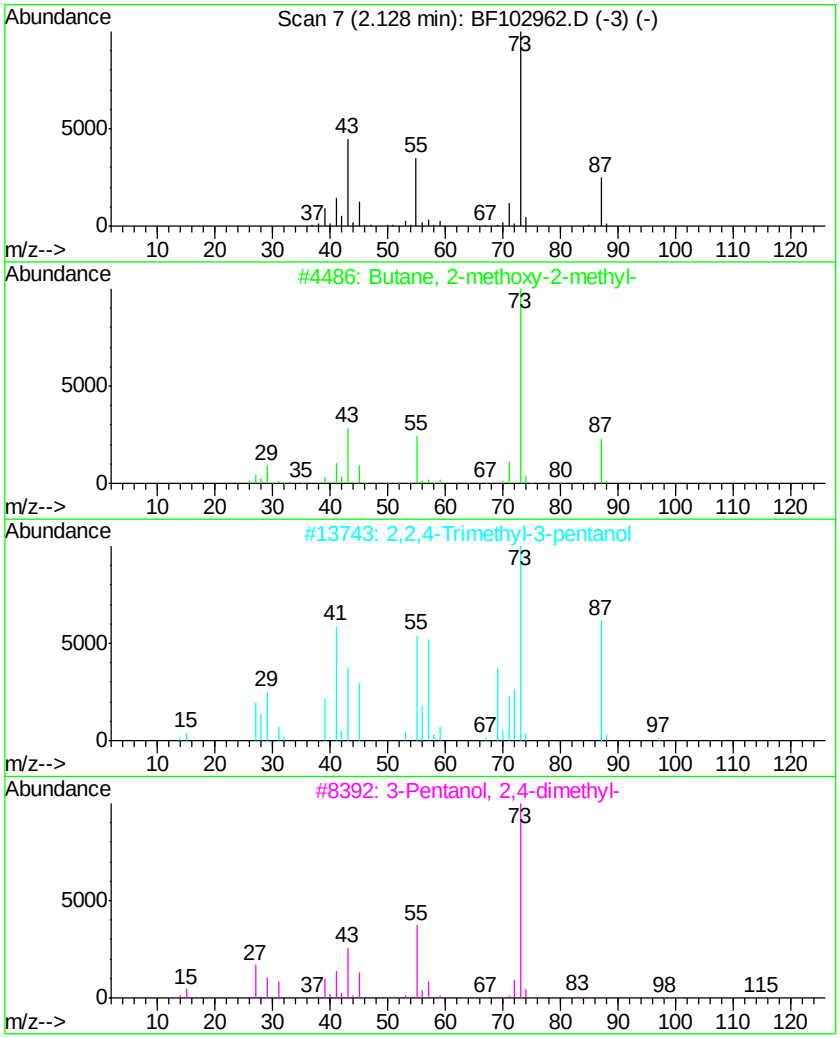
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

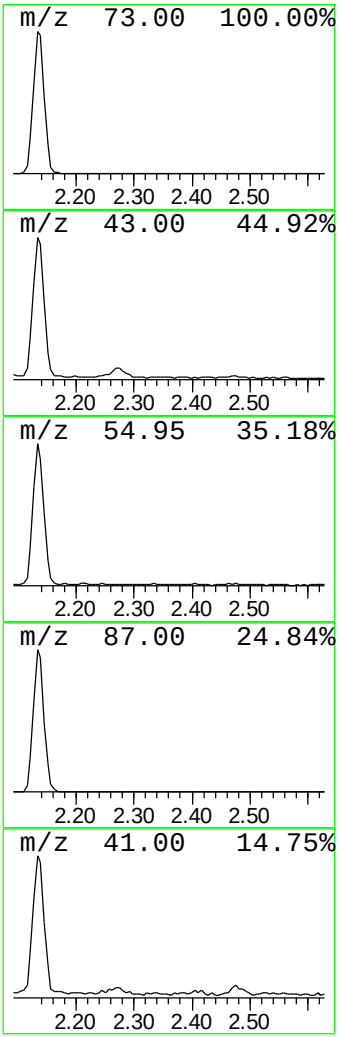
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.13	8.68 ng	481498	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	32
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23





Data Path : Z:\HPCHEM1\BNA F\DATA\BF021318\
Data File : BF102962.D
Acq On : 13 Feb 2018 15:30
Operator : SJ/JU
Sample : J1511-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MM-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

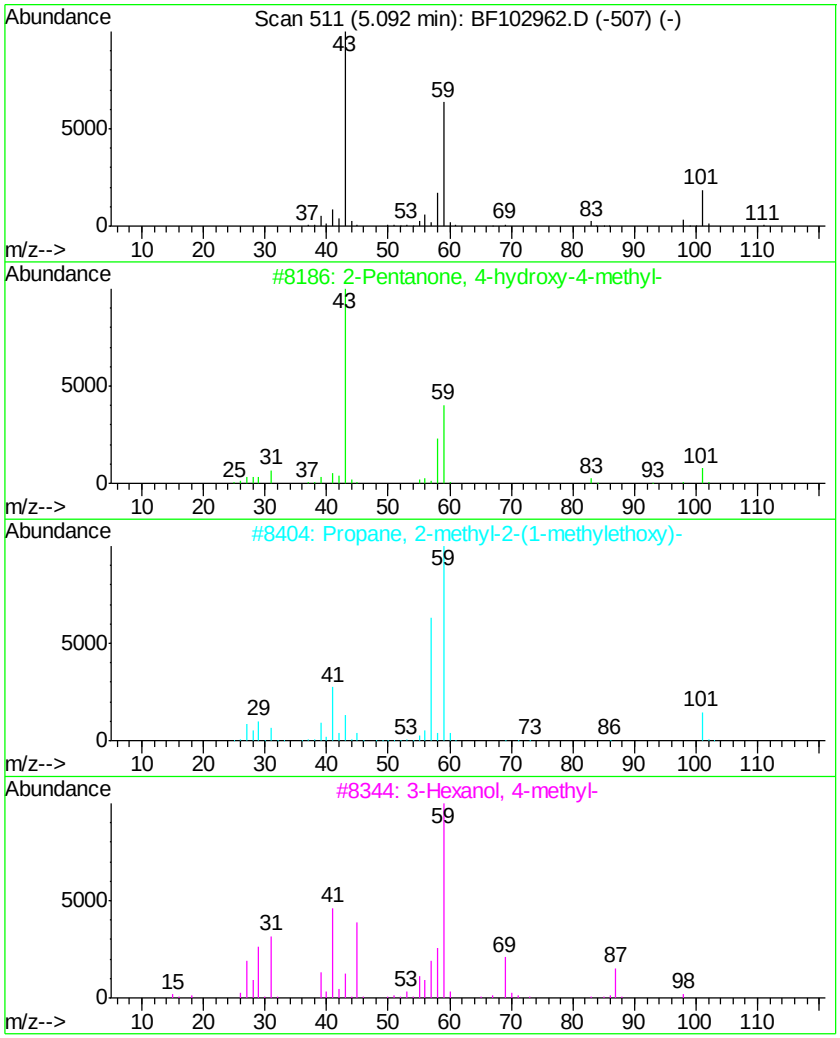
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

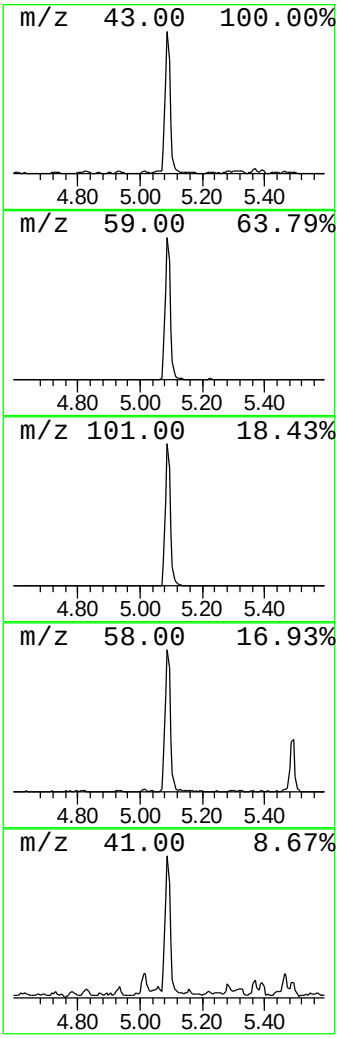
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.09	13.98 ng	775697	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23





Data Path : Z:\HPCHEM1\BNA F\DATA\BF021318\
Data File : BF102962.D
Acq On : 13 Feb 2018 15:30
Operator : SJ/JU
Sample : J1511-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MM-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

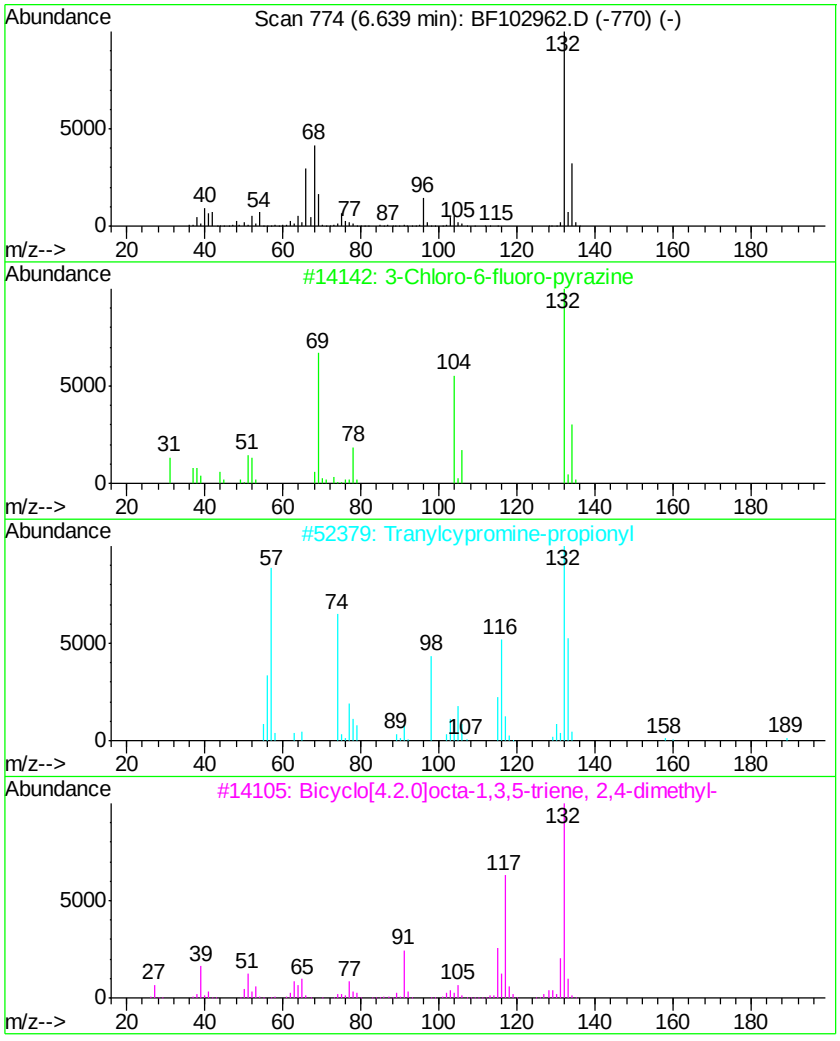
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

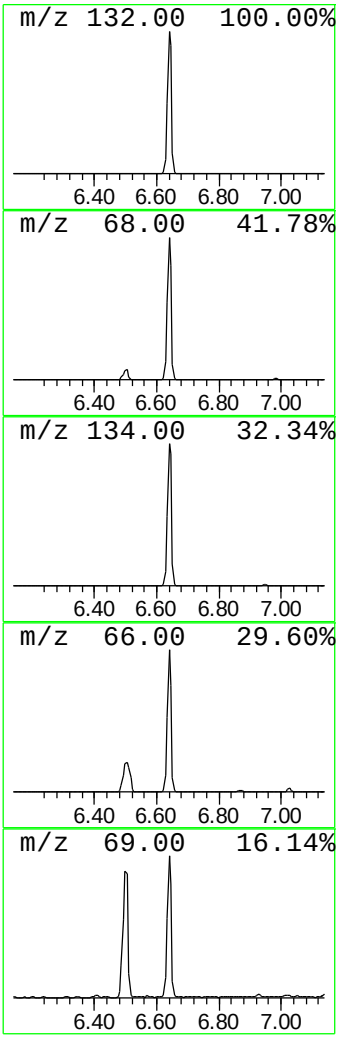
****

Peak Number 3 unknown6.64 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.64	51.13 ng	2837170	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF021318\
Data File : BF102962.D
Acq On : 13 Feb 2018 15:30
Operator : SJ/JU
Sample : J1511-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MM-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

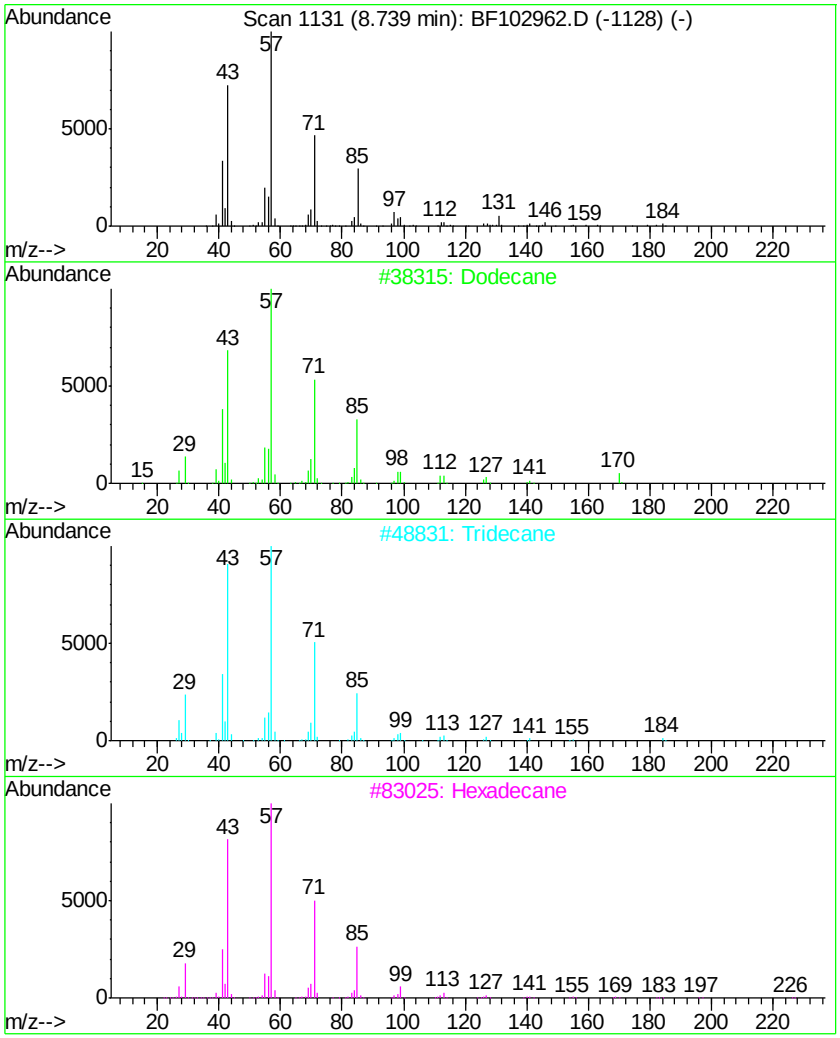
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

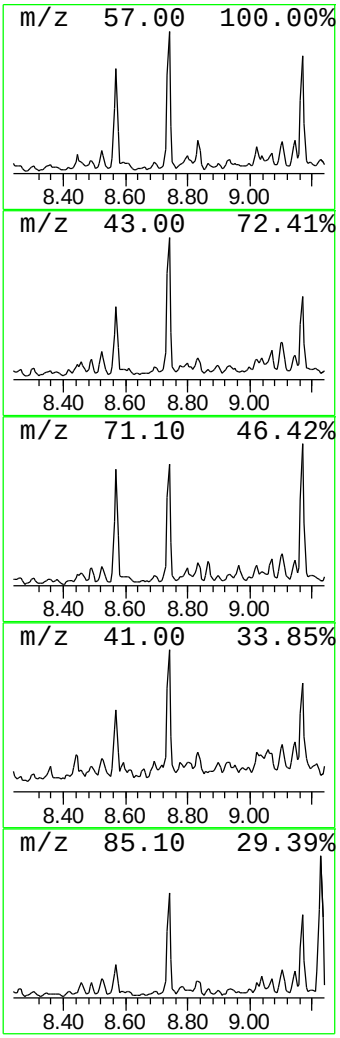
****

Peak Number 5 Dodecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.74	9.12 ng	668443	Naphthalene-d8	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	86
2	Tridecane	184	C13H28	000629-50-5	81
3	Hexadecane	226	C16H34	000544-76-3	80
4	Tetradecane	198	C14H30	000629-59-4	78
5	Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	72





Data Path : Z:\HPCHEM1\BNA F\DATA\BF021318\
Data File : BF102962.D
Acq On : 13 Feb 2018 15:30
Operator : SJ/JU
Sample : J1511-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MM-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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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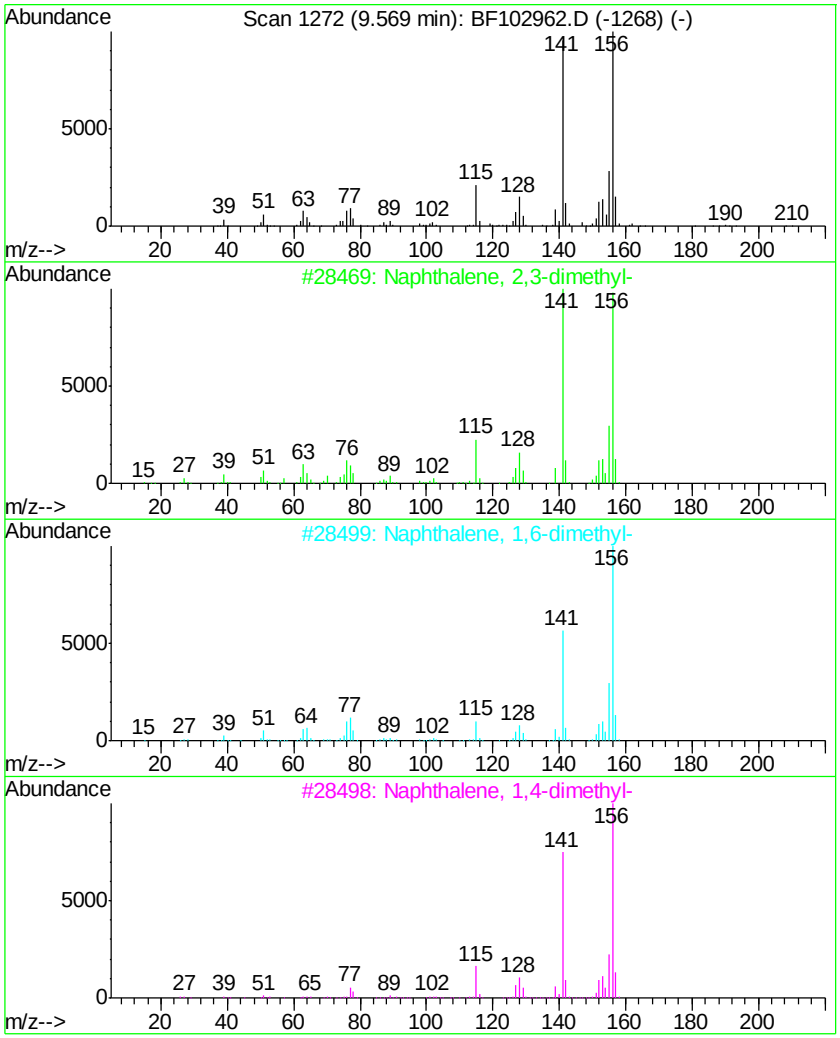
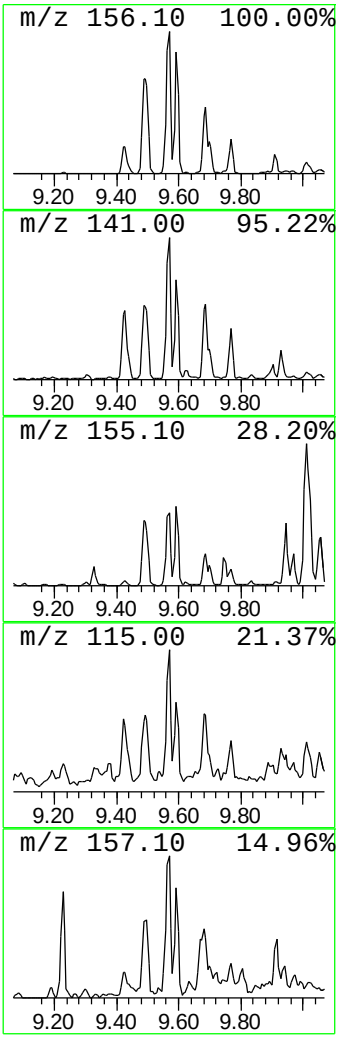
Peak Number 6 Naphthalene, 2,3-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.57	11.88 ng	796277	Acenaphthene-d10	9.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95





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Acq On : 13 Feb 2018 15:30
Operator : SJ/JU
Sample : J1511-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MM-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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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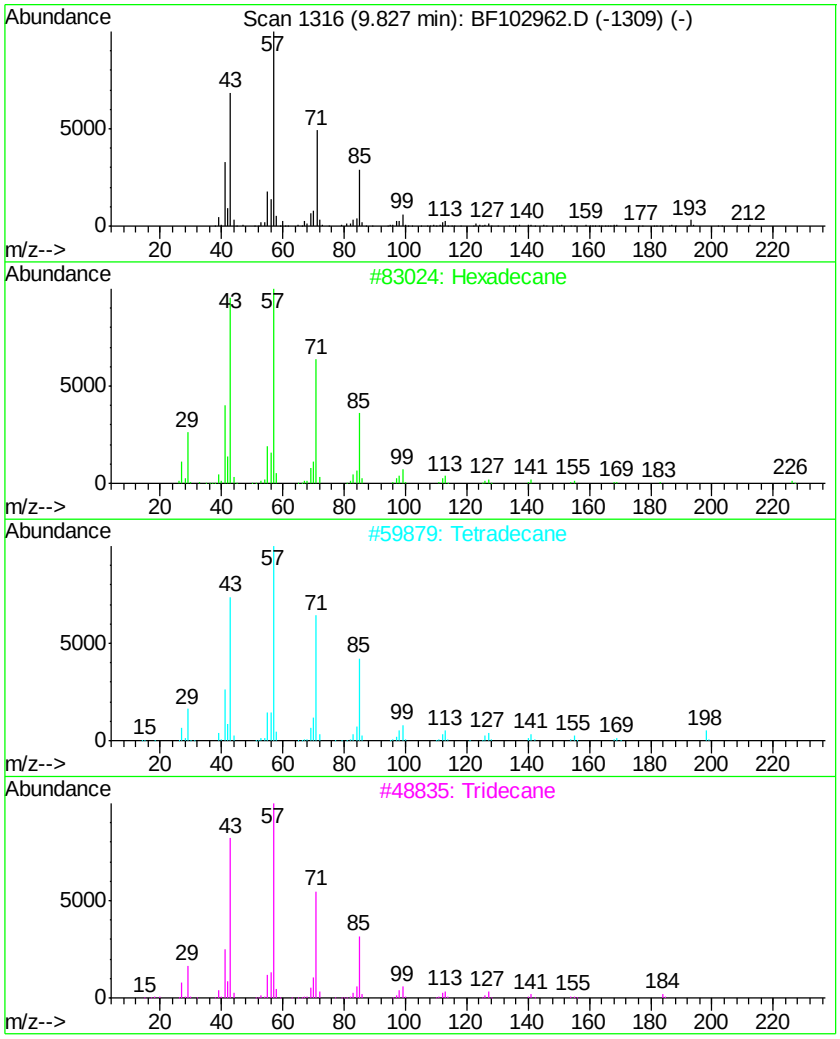
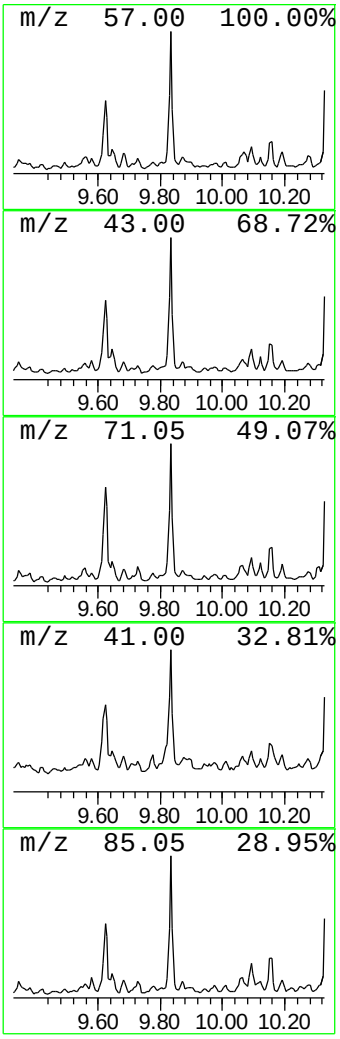
Peak Number 7 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.83	19.04 ng	1276460	Acenaphthene-d10	9.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Tetradecane	198	C14H30	000629-59-4	86
3	Tridecane	184	C13H28	000629-50-5	83
4	Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	64
5	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	64





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Instrument : BNA_F
ClientSampleId : MM-2

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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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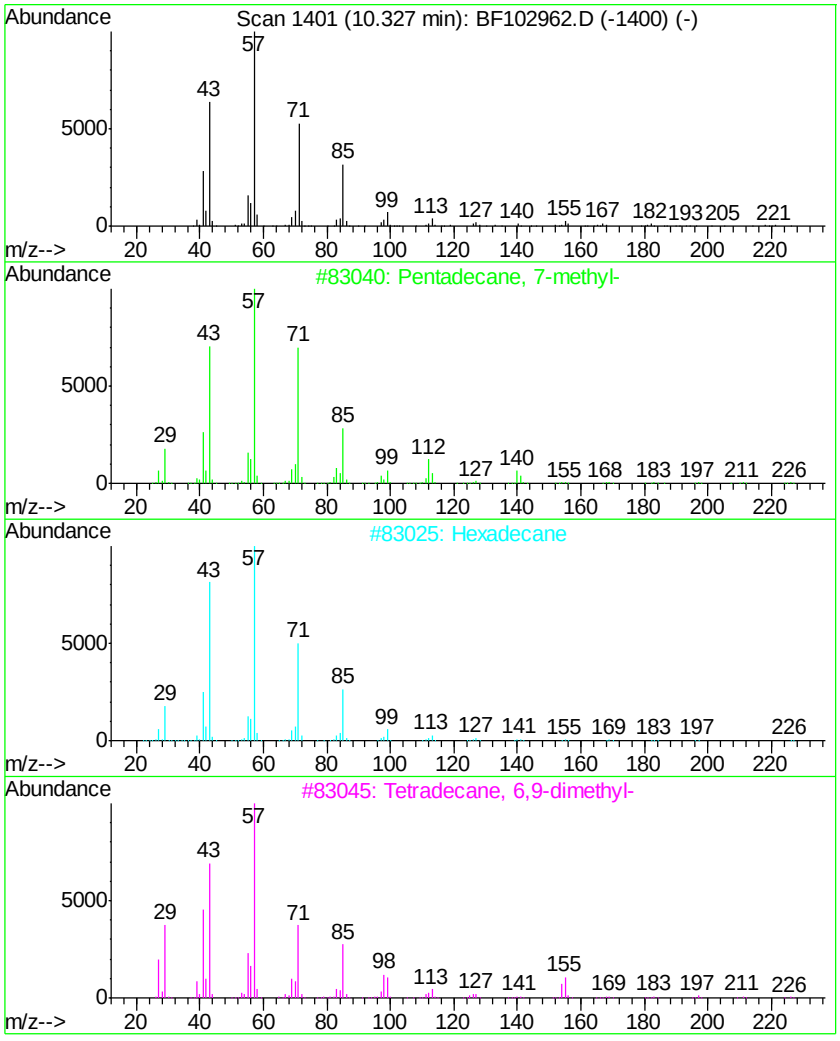
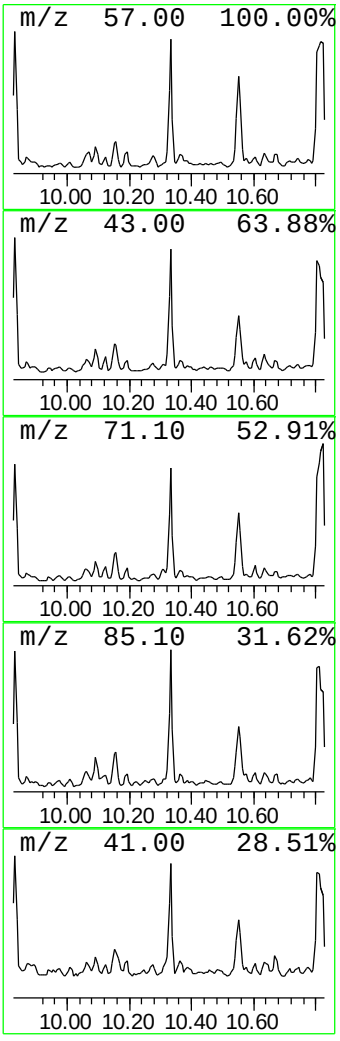
Peak Number 8 Pentadecane, 7-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.33	14.50 ng	972056	Acenaphthene-d10	9.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	90
2	Hexadecane	226	C16H34	000544-76-3	87
3	Tetradecane, 6,9-dimethyl-	226	C16H34	055045-13-1	62
4	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	53
5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	53





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ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MM-2

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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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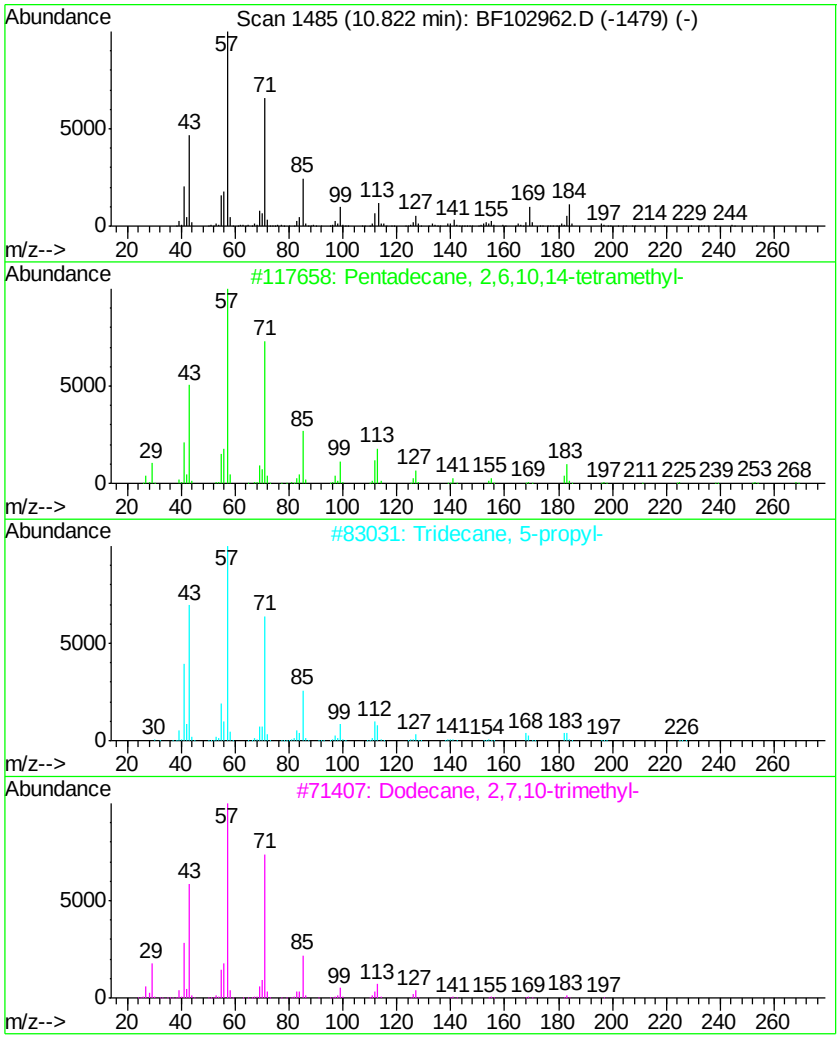
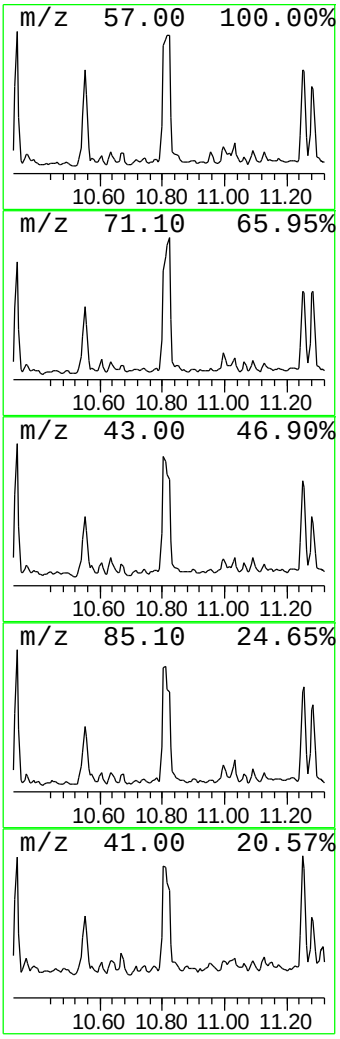
Peak Number 9 Pentadecane, 2,6,10,14-tetr... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.82	35.36 ng	2153720	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	72
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	72
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
4	Tridecane, 3-methyl-	198	C14H30	006418-41-3	58
5	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	55





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Operator : SJ/JU
Sample : J1511-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MM-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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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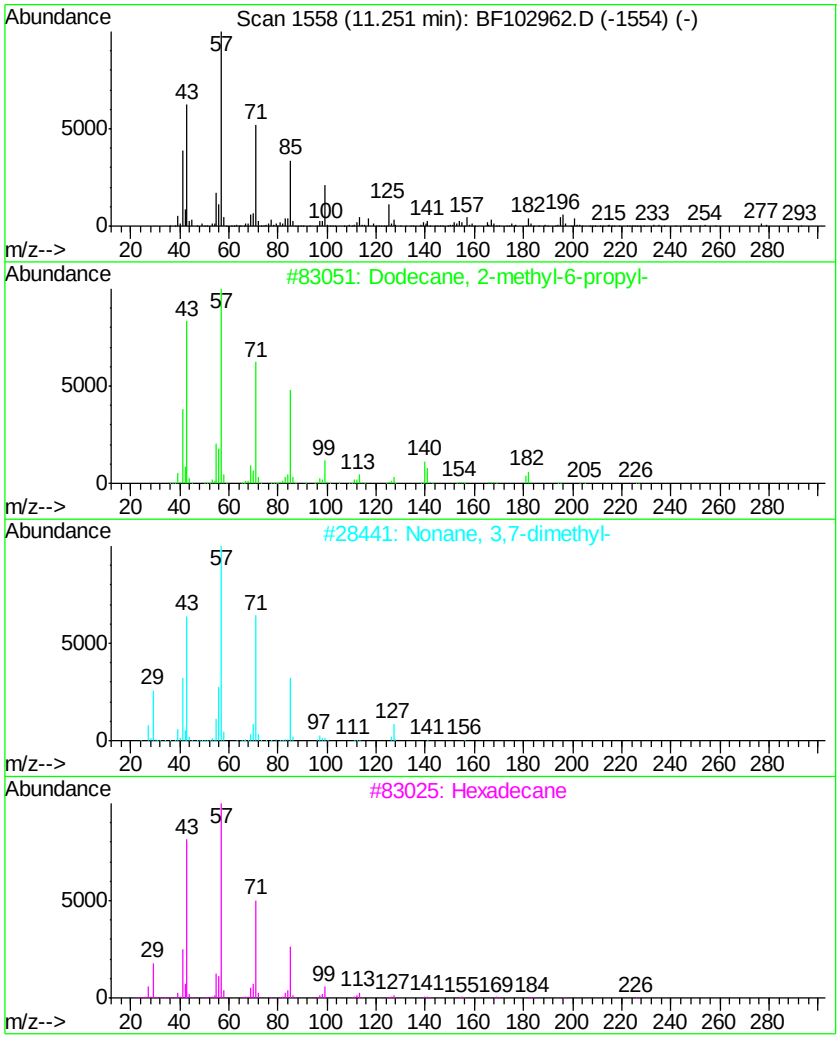
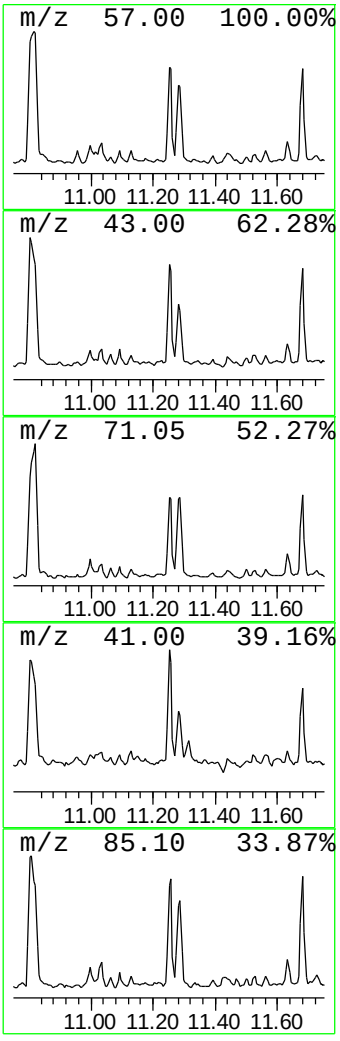
Peak Number 10 Dodecane, 2-methyl-6-propyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.25	20.51 ng	1249250	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	60
2	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	53
3	Hexadecane	226	C16H34	000544-76-3	52
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	52
5	Octacosane	394	C28H58	000630-02-4	50





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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MM-2

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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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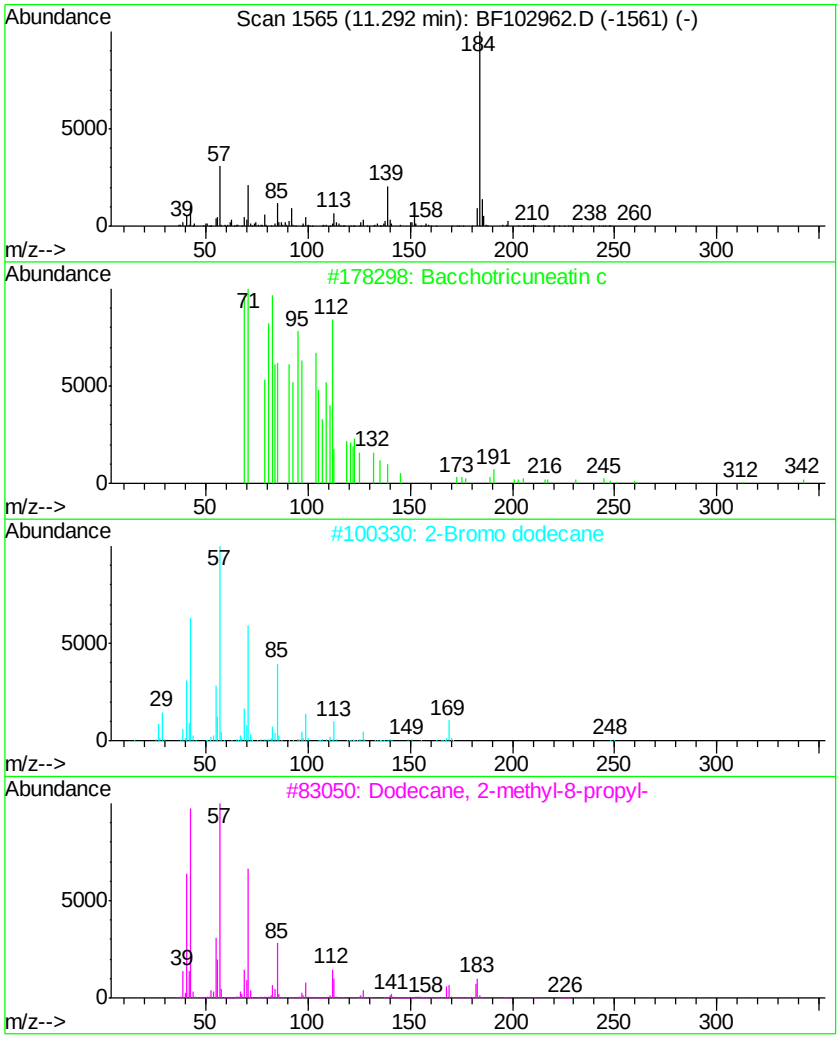
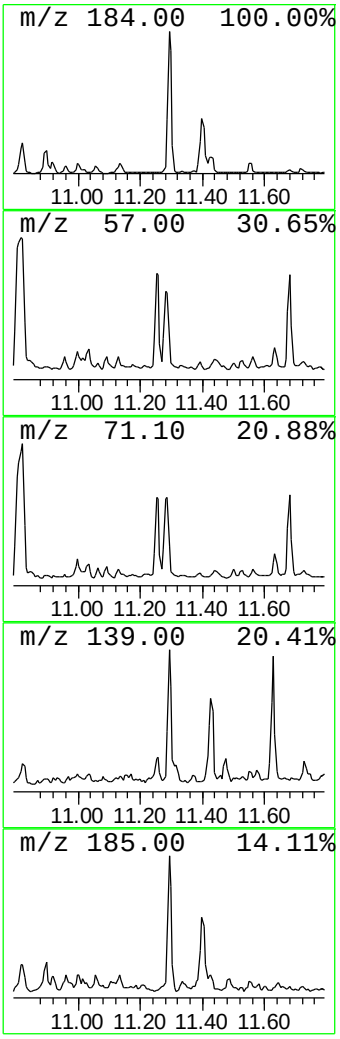
Peak Number 11 Bacchotricuneatin c Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.29	20.26 ng	1234290	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bacchotricuneatin c	342	C20H22O5	066563-30-2	89
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	70
3	Dodecane, 2-methyl-8-propyl-	226	C16H34	055045-07-3	58
4	Pentadecane, 3-methyl-	226	C16H34	002882-96-4	58
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	52





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Instrument : BNA_F
ClientSampleId : MM-2

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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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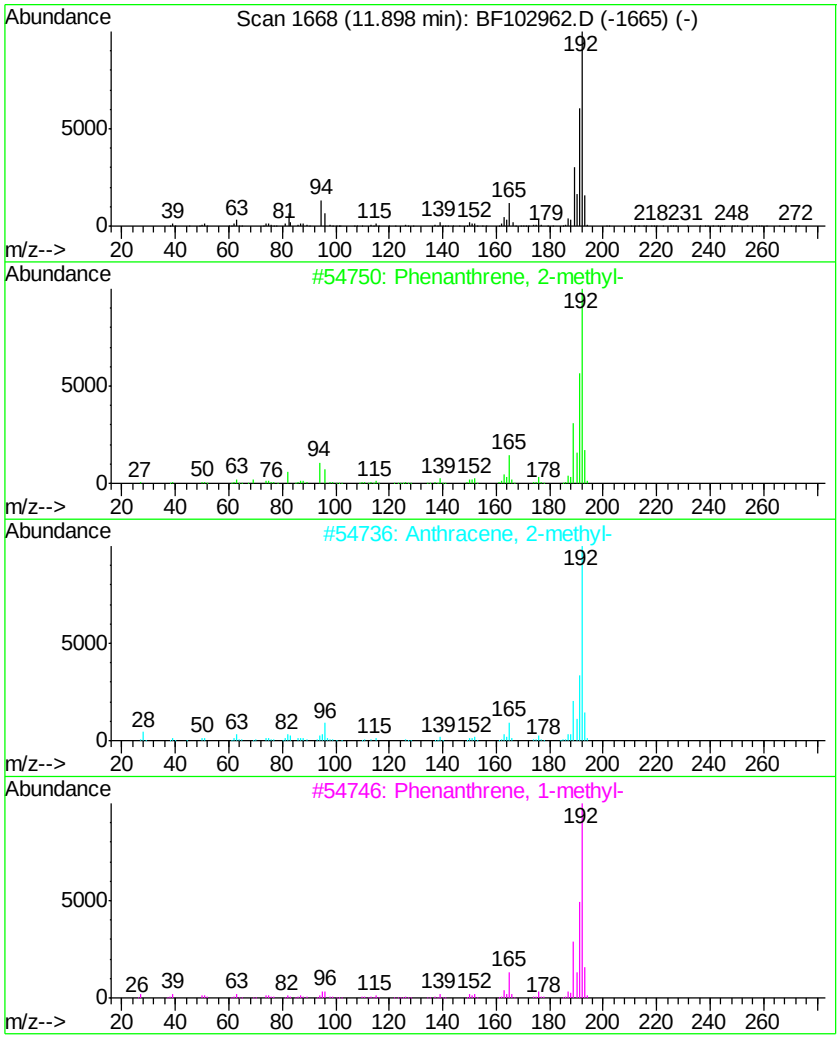
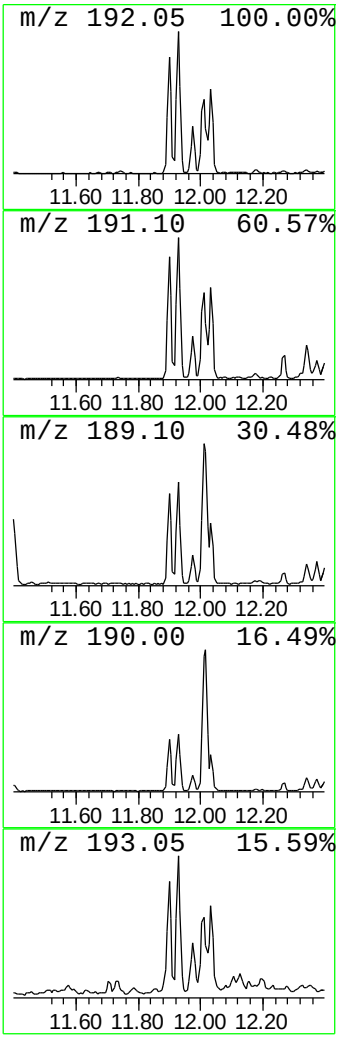
Peak Number 13 Phenanthrene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	12.92 ng	786687	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





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Sample : J1511-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MM-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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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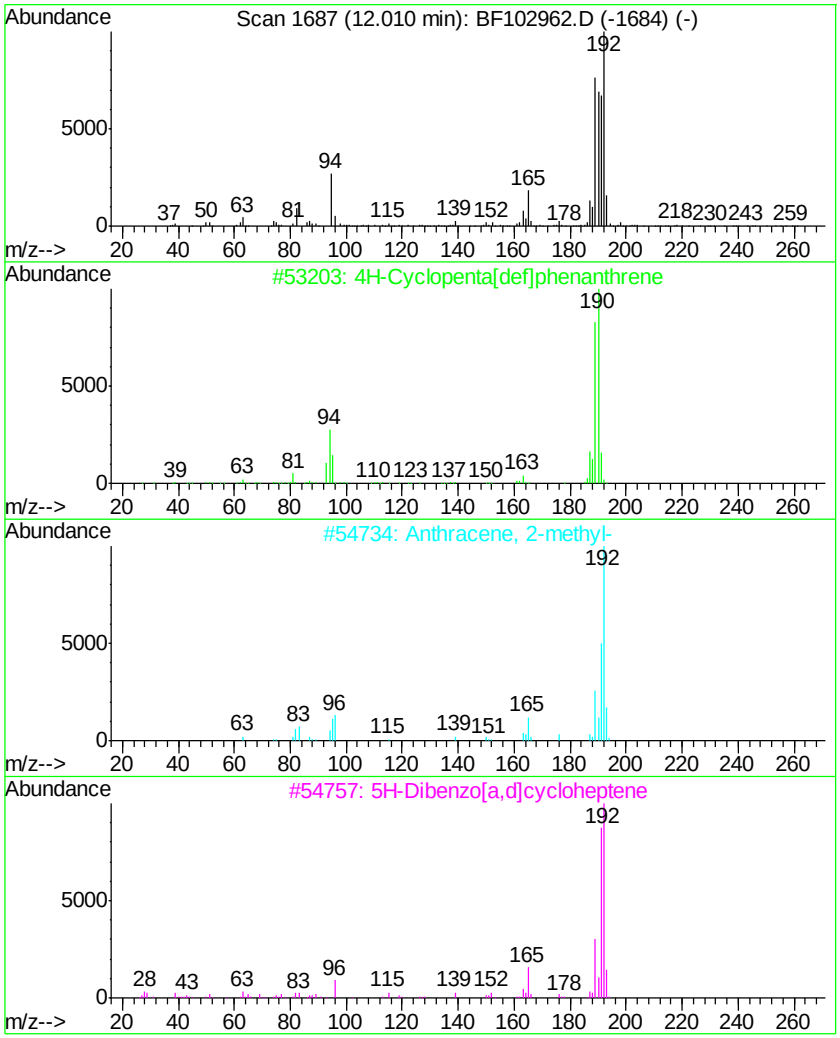
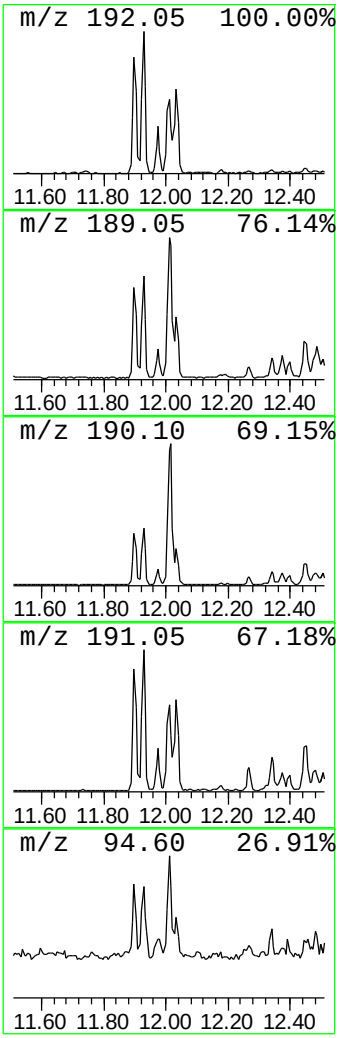
Peak Number 14 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	15.70 ng	956415	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	50
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	50
4	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	50
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	49





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Misc :
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Instrument : BNA_F
ClientSampleId : MM-2

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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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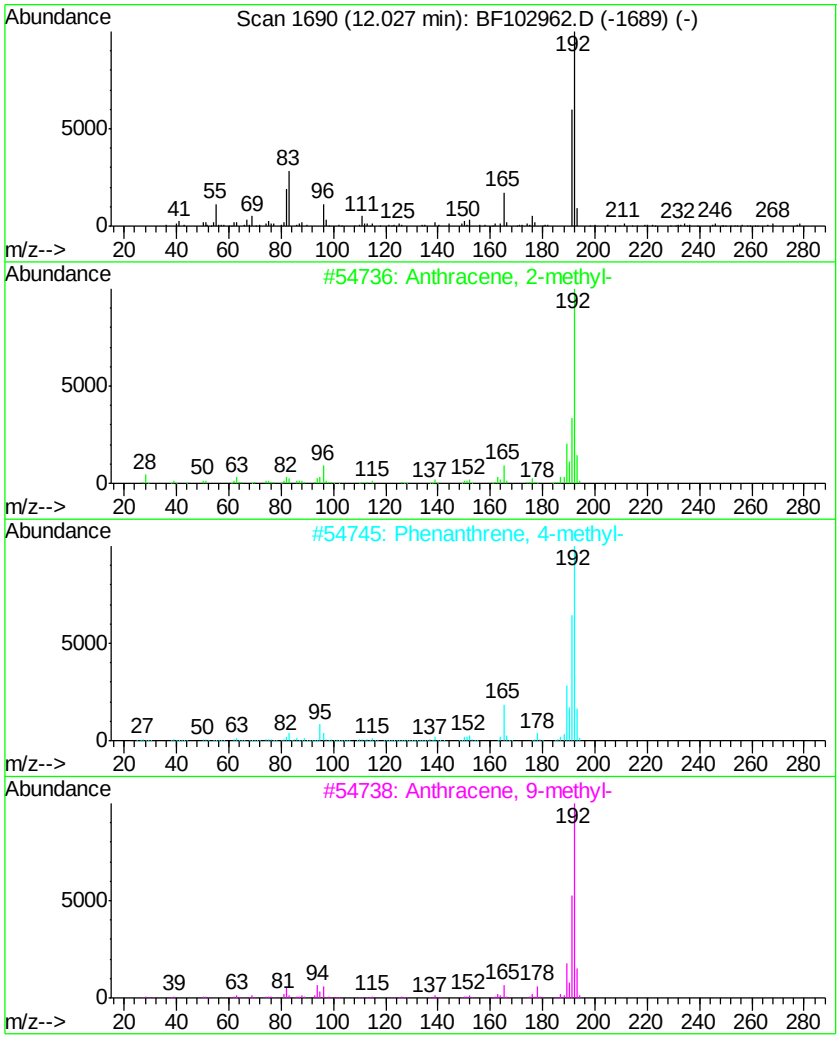
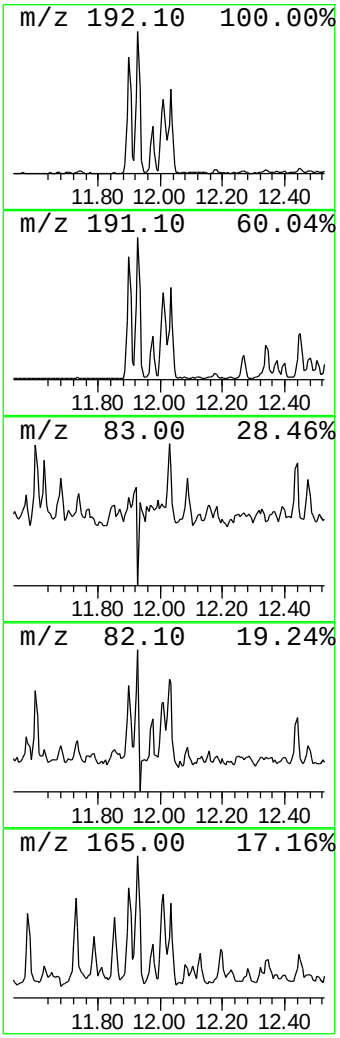
Peak Number 15 Anthracene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	8.91 ng	542757	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87





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Sample : J1511-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MM-2

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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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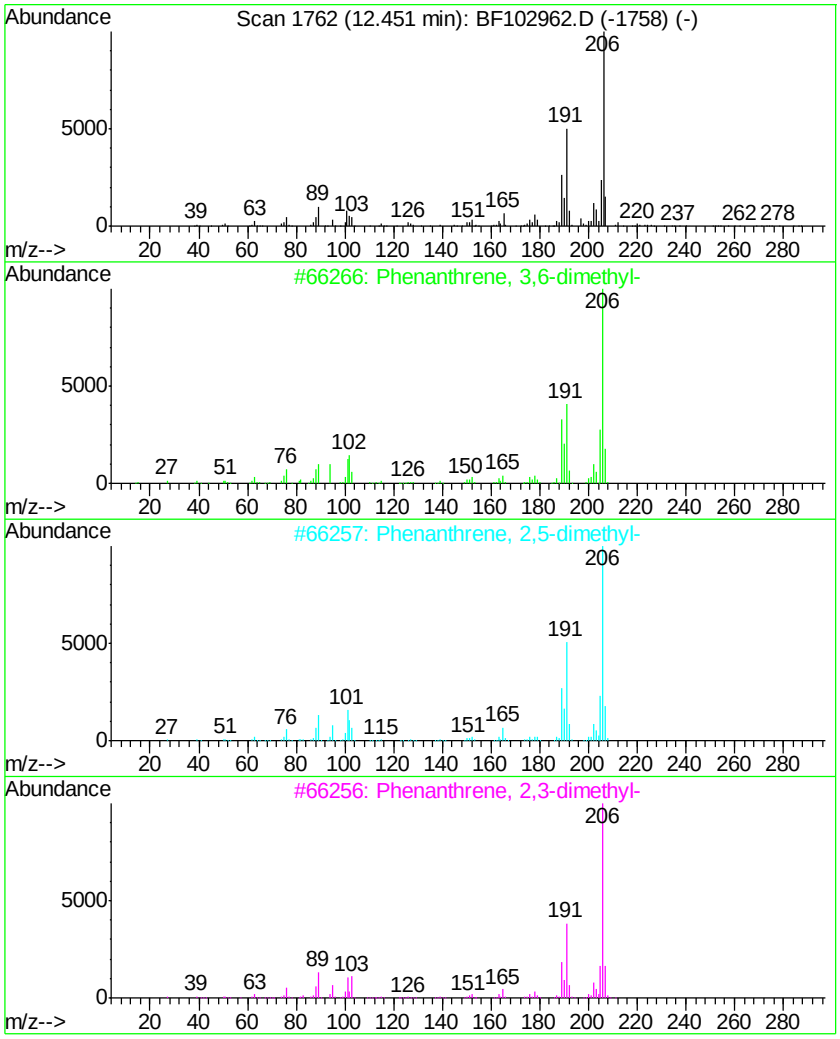
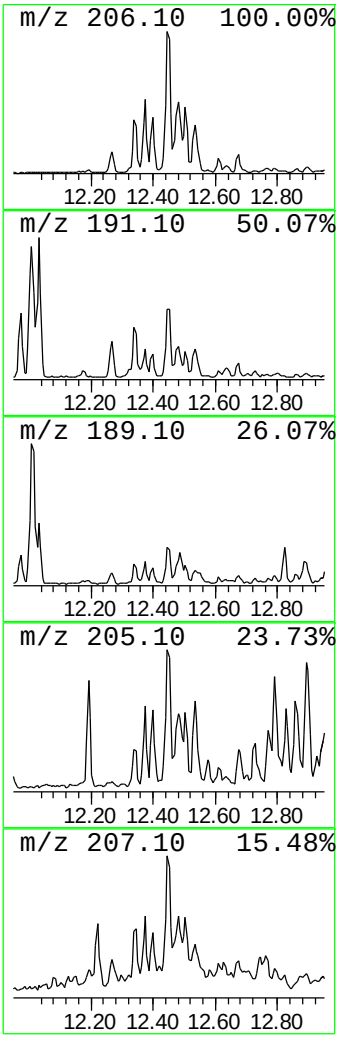
Peak Number 17 Phenanthrene, 3,6-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	8.67 ng	527988	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90





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Instrument : BNA_F
ClientSampleId : MM-2

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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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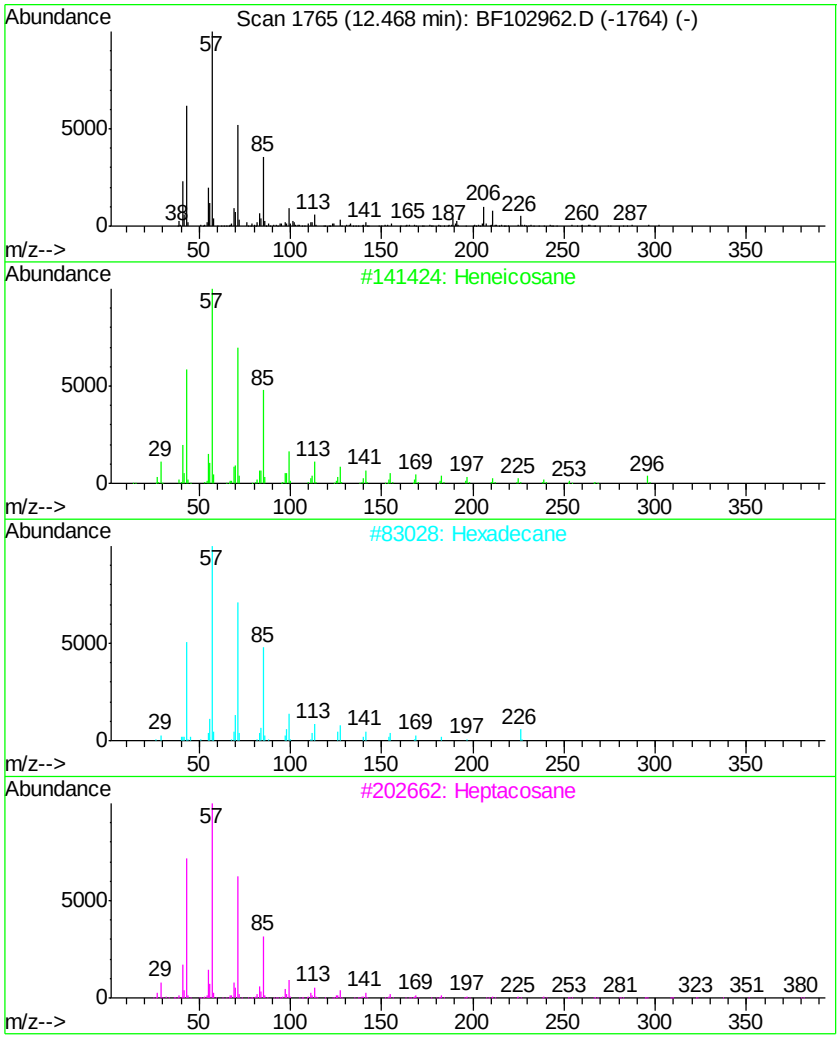
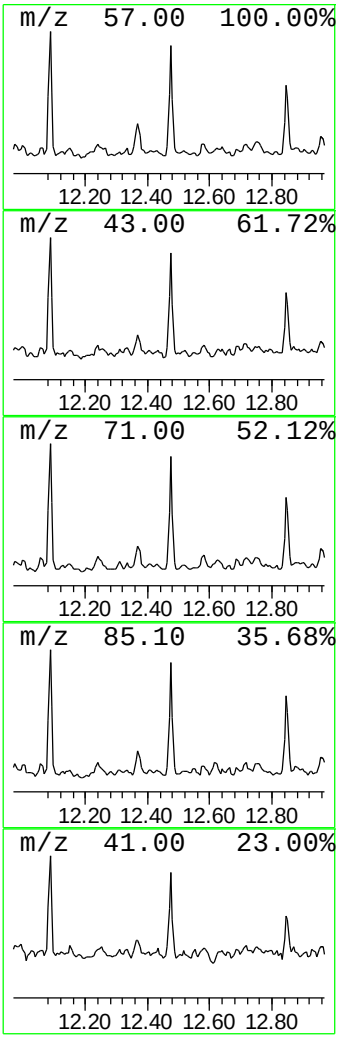
Peak Number 18 Heneicosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	12.71 ng	774251	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	95
2	Hexadecane	226	C16H34	000544-76-3	93
3	Heptacosane	380	C27H56	000593-49-7	70
4	Pentadecane	212	C15H32	000629-62-9	62
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	58





Library Search Compound Report

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Sample : J1511-02
Misc :
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Instrument : BNA_F
ClientSampleId : MM-2

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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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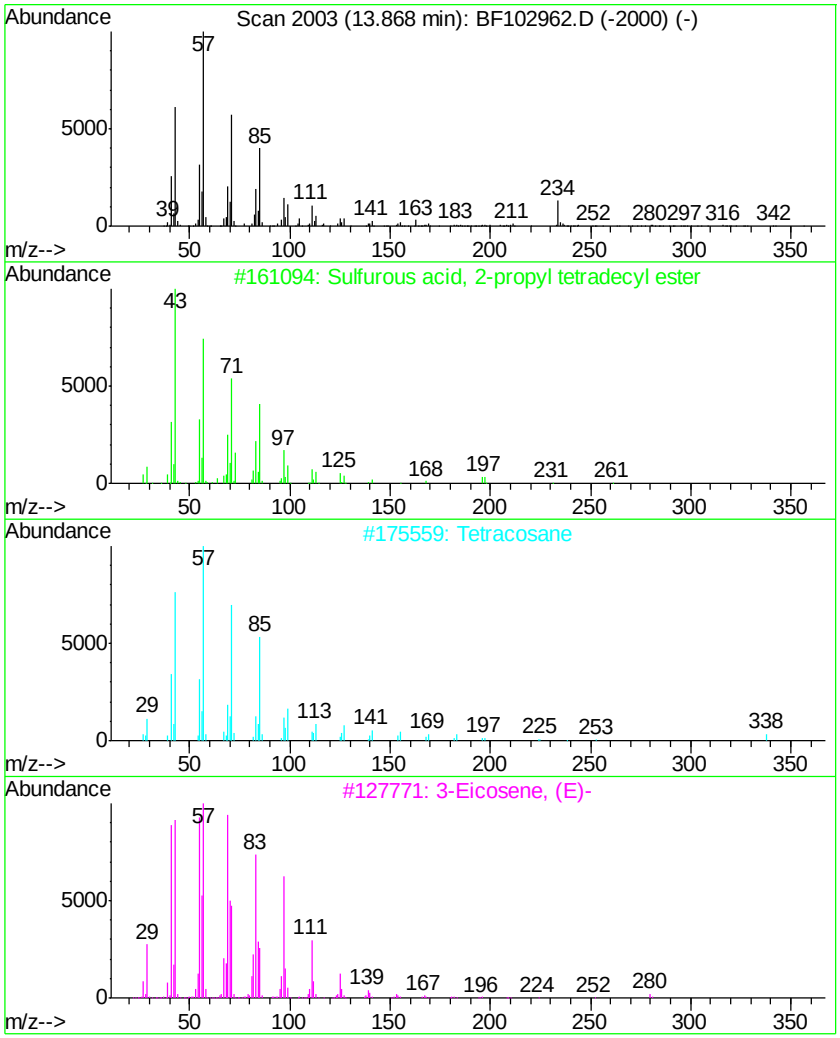
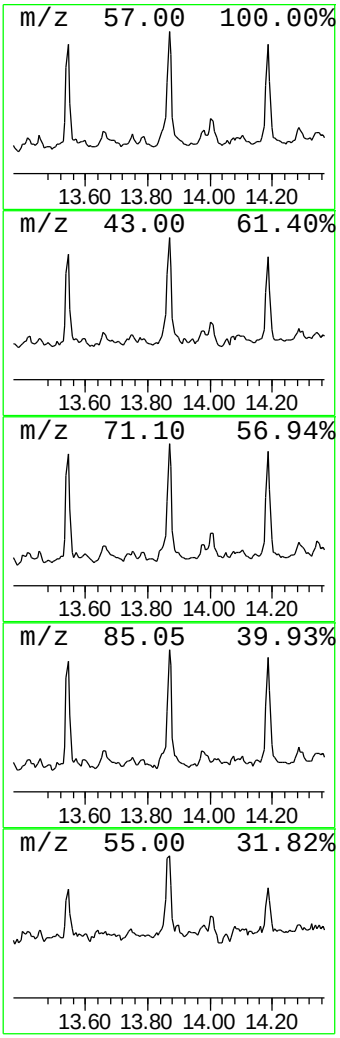
Peak Number 19 Sulfurous acid, 2-propyl te... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	12.08 ng	1302610	Chrysene-d12	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	80
2	Tetracosane	338	C24H50	000646-31-1	72
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	70
4	Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	64
5	Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	64





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ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MM-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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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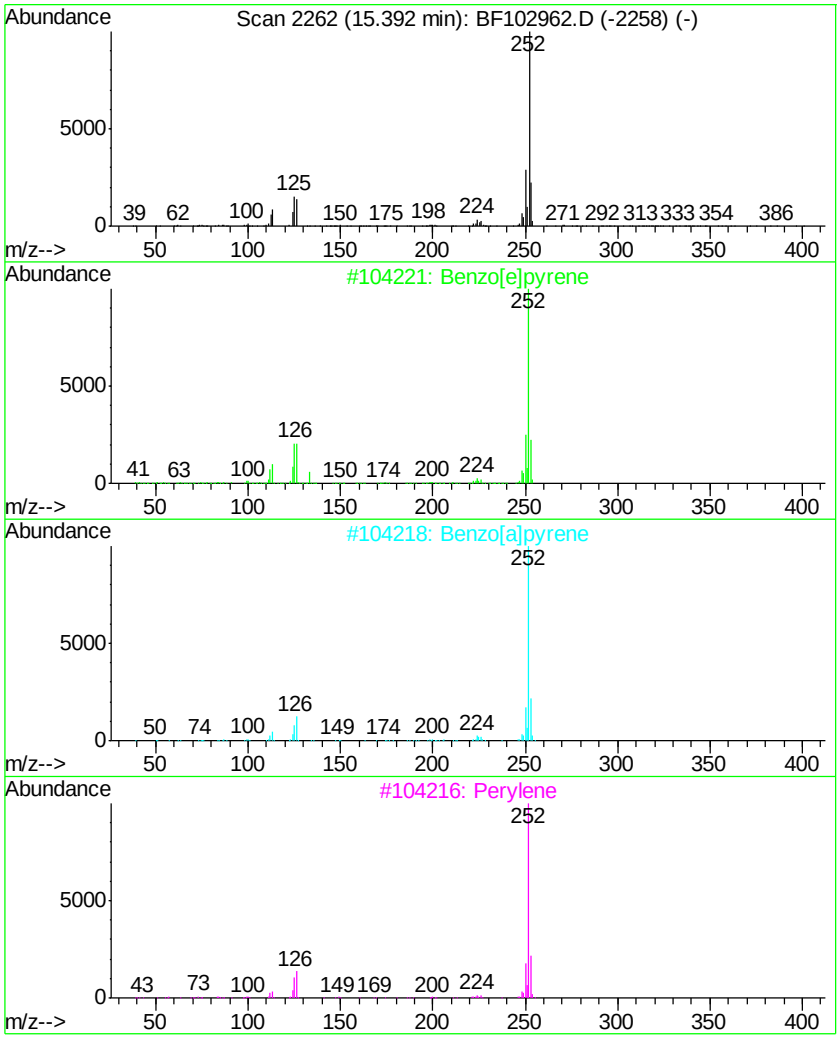
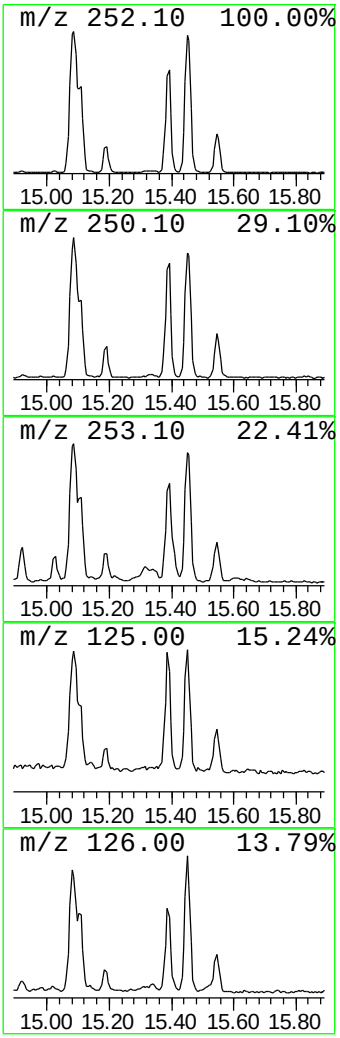
Peak Number 20 Benzo[e]pyrene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.39	12.25 ng	723161	Perylene-d12	15.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	96
3	Perylene	252	C20H12	000198-55-0	95
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021318\
Data File : BF102962.D
Acq On : 13 Feb 2018 15:30
Operator : SJ/JU
Sample : J1511-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MM-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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
Butane, 2-methoxy...	2.13	8.7	ng	481498	1	6.87	1109760	20.0
2-Pentanone, 4-hy...	5.09	14.0	ng	775697	1	6.87	1109760	20.0
unknown6.64	6.64	51.1	ng	2837170	1	6.87	1109760	20.0
Dodecane	8.74	9.1	ng	668443	2	8.16	1465920	20.0
Naphthalene, 2,3-...	9.57	11.9	ng	796277	3	9.91	1340930	20.0
Hexadecane	9.83	19.0	ng	1276460	3	9.91	1340930	20.0
Pentadecane, 7-me...	10.33	14.5	ng	972056	3	9.91	1340930	20.0
Pentadecane, 2,6,...	10.82	35.4	ng	2153720	4	11.40	1218240	20.0
Dodecane, 2-methy...	11.25	20.5	ng	1249250	4	11.40	1218240	20.0
Bacchotricuneatin c	11.29	20.3	ng	1234290	4	11.40	1218240	20.0
Phenanthrene, 2-m...	11.90	12.9	ng	786687	4	11.40	1218240	20.0
4H-Cyclopenta[def...	12.01	15.7	ng	956415	4	11.40	1218240	20.0
Anthracene, 2-met...	12.03	8.9	ng	542757	4	11.40	1218240	20.0
Phenanthrene, 3,6...	12.45	8.7	ng	527988	4	11.40	1218240	20.0
Heneicosane	12.47	12.7	ng	774251	4	11.40	1218240	20.0
Sulfurous acid, 2...	13.87	12.1	ng	1302610	5	14.04	2156020	20.0
Benzo[e]pyrene	15.39	12.3	ng	723161	6	15.52	1180760	20.0