LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021418\
Data File : BF102999.D
Acq On : 14 Feb 2018 19:40
Operator : SJ/JU
Sample : J1539-20
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CB-1-SW(4-9)

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	2.140	4	9	31	rVB	725356	1189609	21.34%	1.351%
2	5.104	509	513	520	rVB	241152	290760	5.21%	0.330%
3	5.498	576	580	584	rVB	3607159	3581658	64.24%	4.067%
4	6.510	747	752	757	rVB	3344422	3580576	64.22%	4.066%
5	6.651	771	776	779	rBV	3601934	3616989	64.87%	4.107%
6	6.704	782	785	788	rBV	273939	223247	4.00%	0.254%
7	6.875	811	814	818	rBV	1217440	1088370	19.52%	1.236%
8	7.033	836	841	844	rBV	3039248	2715774	48.71%	3.084%
9	7.192	863	868	876	rVB4	78903	117482	2.11%	0.133%
10	7.275	879	882	891	rVB5	51885	99544	1.79%	0.113%
11	7.410	900	905	906	rBV3	80561	86926	1.56%	0.099%
12	7.439	906	910	913	rVV	2392376	2332514	41.83%	2.649%
13	7.463	913	914	918	rVV	311960	216614	3.88%	0.246%
14	7.516	918	923	926	rVV4	83682	103711	1.86%	0.118%
15	7.875	980	984	985	rBV3	77612	86062	1.54%	0.098%
16	7.898	985	988	990	rBV2	111618	92080	1.65%	0.105%
17	8.133	1025	1028	1030	rBV	467538	371188	6.66%	0.422%
18	8.163	1030	1033	1035	rVV	1425188	1397738	25.07%	1.587%
19	8.180	1035	1036	1039	rVV	439824	274647	4.93%	0.312%
20	8.210	1039	1041	1044	rVB	314219	250715	4.50%	0.285%
21	8.445	1073	1081	1086	rBV7	187086	304003	5.45%	0.345%
22	8.504	1086	1091	1093	rBV5	105802	178625	3.20%	0.203%
23	8.527	1093	1095	1100	rVB3	106728	133653	2.40%	0.152%
24	8.569	1100	1102	1105	rBV	379304	332928	5.97%	0.378%
25	8.663	1115	1118	1120	rBV2	106950	88058	1.58%	0.100%
26	8.698	1120	1124	1126	rBV3	88207	94602	1.70%	0.107%
27	8.745	1129	1132	1136	rVB	751181	657710	11.80%	0.747%
28	8.839	1145	1148	1151	rVB	185121	195764	3.51%	0.222%
29	8.875	1151	1154	1157	rBV	472666	405376	7.27%	0.460%
30	8.933	1161	1164	1166	rBV3	100596	117304	2.10%	0.133%
31	8.969	1168	1170	1174	rVB	293979	277526	4.98%	0.315%
32	9.027	1177	1180	1181	rBV2	144271	136700	2.45%	0.155%
33	9.063	1184	1186	1190	rVB3	148934	189547	3.40%	0.215%
34	9.104	1190	1193	1197	rBV2	193431	186495	3.34%	0.212%

LSC Area Percent Report

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Operator : SJ/JU
Sample : J1539-20
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CB-1-SW(4-9)

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	9.145	1197	1200	1202	rBV	178616	160079	2.87%	0.182%
36	9.175	1202	1205	1207	rVB	496391	391494	7.02%	0.445%
37	9.233	1211	1215	1218	rBV	3282962	2864862	51.38%	3.253%
38	9.310	1224	1228	1231	rBV	1360752	1264442	22.68%	1.436%
39	9.427	1245	1248	1253	rBV2	148434	139004	2.49%	0.158%
40	9.498	1256	1260	1263	rBV	372593	470562	8.44%	0.534%
41	9.569	1269	1272	1275	rBV2	435278	519804	9.32%	0.590%
42	9.598	1275	1277	1279	rVV	296452	235106	4.22%	0.267%
43	9.627	1279	1282	1285	rVV	2295515	2002261	35.91%	2.274%
44	9.651	1285	1286	1289	rVB2	186048	116706	2.09%	0.133%
45	9.686	1289	1292	1295	rBV2	343727	348567	6.25%	0.396%
46	9.774	1304	1307	1310	rBV2	333564	350998	6.29%	0.399%
47	9.839	1310	1318	1322	rBV	1733928	1655870	29.70%	1.880%
48	9.880	1322	1325	1326	rBV2	116903	119005	2.13%	0.135%
49	9.916	1328	1331	1334	rVB	1286056	1072560	19.24%	1.218%
50	9.951	1334	1337	1340	rBV	543736	478327	8.58%	0.543%
51	10.016	1345	1348	1353	rBV2	267008	358035	6.42%	0.407%
52	10.069	1353	1357	1360	rBV3	270084	419482	7.52%	0.476%
53	10.098	1360	1362	1363	rBV	202025	162879	2.92%	0.185%
54	10.121	1363	1366	1369	rVB2	539791	572223	10.26%	0.650%
55	10.157	1369	1372	1376	rBV2	609836	581088	10.42%	0.660%
56	10.198	1376	1379	1381	rVB	177965	167233	3.00%	0.190%
57	10.233	1382	1385	1387	rBV	298511	317012	5.69%	0.360%
58	10.257	1387	1389	1391	rVV	211733	175416	3.15%	0.199%
59	10.280	1391	1393	1396	rVB	194687	185202	3.32%	0.210%
60	10.339	1396	1403	1406	rBV	1926370	1893227	33.95%	2.150%
61	10.369	1406	1408	1410	rBV2	175083	151477	2.72%	0.172%
62	10.463	1421	1424	1427	rBV	599522	578532	10.38%	0.657%
63	10.557	1437	1440	1443	rBV	860949	867580	15.56%	0.985%
64	10.610	1447	1449	1453	rVB2	157681	186463	3.34%	0.212%
65	10.680	1458	1461	1463	rBV2	253952	218331	3.92%	0.248%
66	10.710	1463	1466	1469	rBV	1381653	1335654	23.95%	1.517%
67	10.816	1480	1484	1489	rBV	1679764	2582971	46.32%	2.933%
68	11.010	1514	1517	1520	rBV3	264566	387870	6.96%	0.440%
69	11.039	1520	1522	1525	rVV2	354391	300168	5.38%	0.341%
70	11.069	1525	1527	1529	rVV3	155012	141762	2.54%	0.161%
71	11.098	1530	1532	1534	rVB	263017	188483	3.38%	0.214%

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Misc :
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Instrument : BNA_F
ClientSampleId : CB-1-SW(4-9)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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Start Thrs: 0.2 Max Peaks: 100
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
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72	11.210	1548	1551	1554	rBV	367414	344094	6.17%	0.391%
73	11.263	1556	1560	1562	rVV	1362392	1278513	22.93%	1.452%
74	11.292	1562	1565	1571	rVB2	835247	1223238	21.94%	1.389%
75	11.410	1581	1585	1586	rBV	984243	1007714	18.07%	1.144%
76	11.439	1586	1590	1593	rVV	4179966	4518760	81.04%	5.131%
77	11.486	1593	1598	1600	rVB	1693504	1366362	24.51%	1.552%
78	11.516	1600	1603	1605	rBV2	220004	248200	4.45%	0.282%
79	11.639	1621	1624	1629	rBV	809798	728590	13.07%	0.827%
80	11.686	1629	1632	1636	rVB	1070762	937265	16.81%	1.064%
81	11.910	1667	1670	1672	rBV	973639	900334	16.15%	1.022%
82	11.939	1672	1675	1679	rVB	1489723	1412854	25.34%	1.604%
83	11.986	1680	1683	1686	rBV	706315	744580	13.35%	0.846%
84	12.021	1686	1689	1692	rBV2	1190384	1525673	27.36%	1.733%
85	12.098	1699	1702	1707	rBV	824042	778141	13.96%	0.884%
86	12.204	1718	1720	1723	rBV	531763	385581	6.92%	0.438%
87	12.233	1723	1725	1727	rBV2	456535	352438	6.32%	0.400%
88	12.386	1748	1751	1753	rBV2	414375	394544	7.08%	0.448%
89	12.463	1761	1764	1766	rBV	685036	700214	12.56%	0.795%
90	12.486	1766	1768	1772	rVV3	629320	695630	12.48%	0.790%
91	12.639	1789	1794	1797	rBV	3518975	4549561	81.59%	5.166%
92	12.868	1826	1833	1837	rBV2	3205507	5575836	100.00%	6.332%
93	12.974	1848	1851	1852	rBV2	547426	577431	10.36%	0.656%
94	12.998	1852	1855	1857	rVV	1148413	1142281	20.49%	1.297%
95	13.215	1890	1892	1894	rBV2	509692	427029	7.66%	0.485%
96	13.257	1896	1899	1901	rVV	585599	568596	10.20%	0.646%
97	14.062	2032	2036	2039	rBV2	1294489	1993353	35.75%	2.264%
98	14.098	2040	2042	2048	rVB	1702335	1489640	26.72%	1.692%
99	15.504	2278	2281	2286	rVB	1225473	1658027	29.74%	1.883%
100	17.074	2544	2548	2556	rVB	772684	1561287	28.00%	1.773%

Sum of corrected areas: 88060996

LSC Report - Integrated Chromatogram

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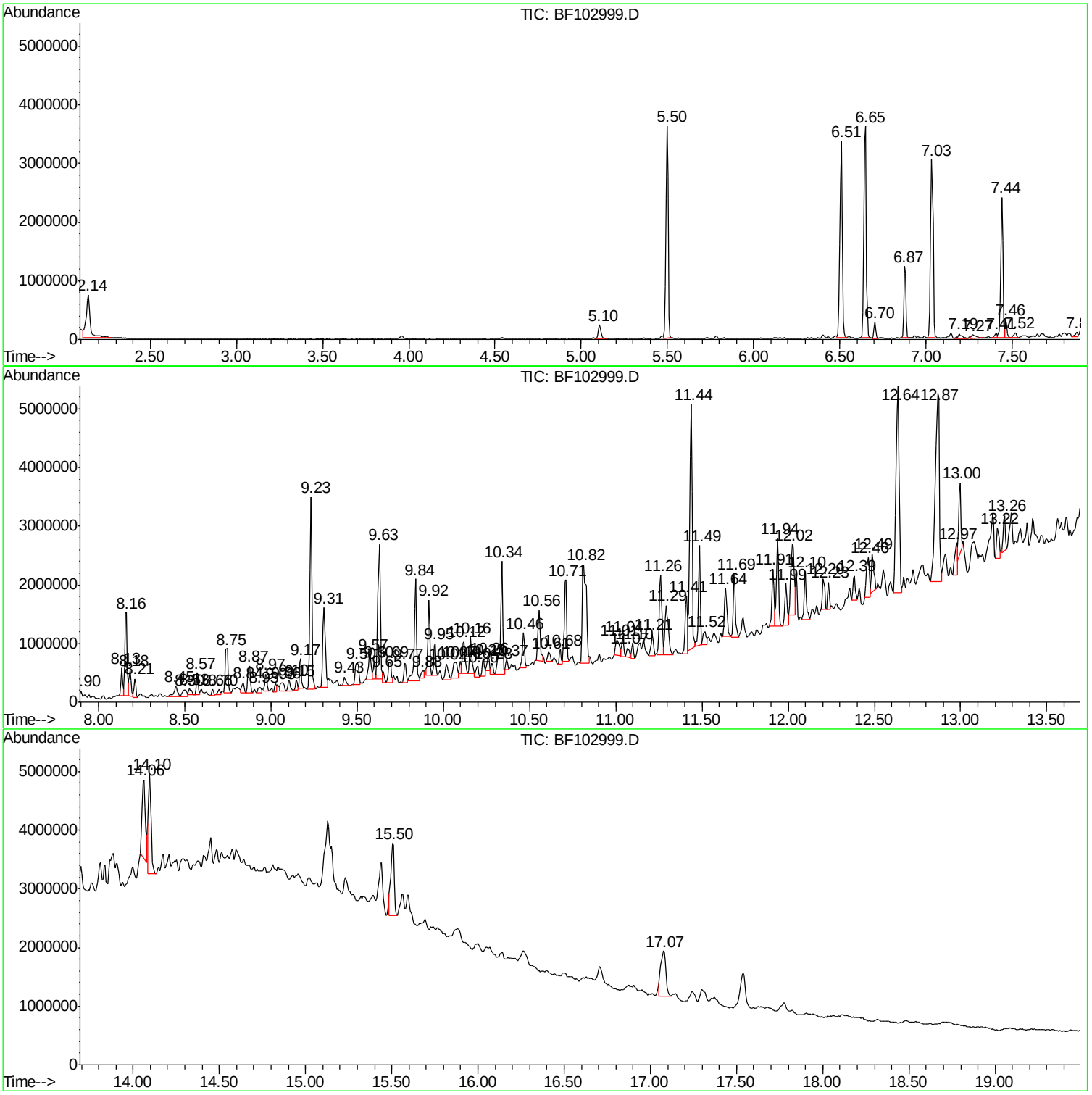
Data File : BF102999.D
Acq On : 14 Feb 2018 19:40
Operator : SJ/JU
Sample : J1539-20
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CB-1-SW(4-9)

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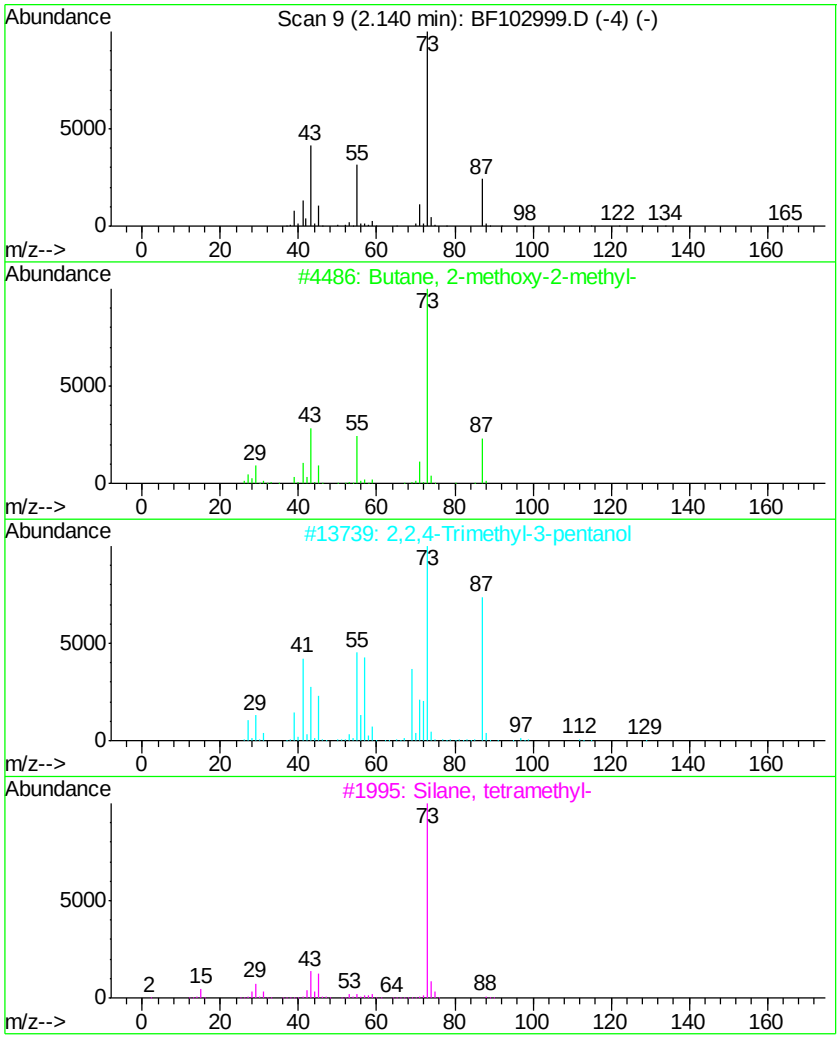
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

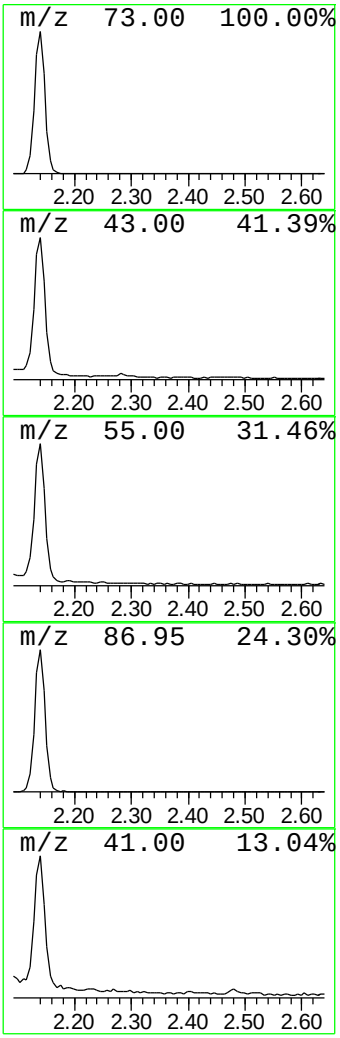
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.14	21.86 ng	1189610	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	Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
4	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23





Library Search Compound Report

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Sample : J1539-20
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CB-1-SW(4-9)

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

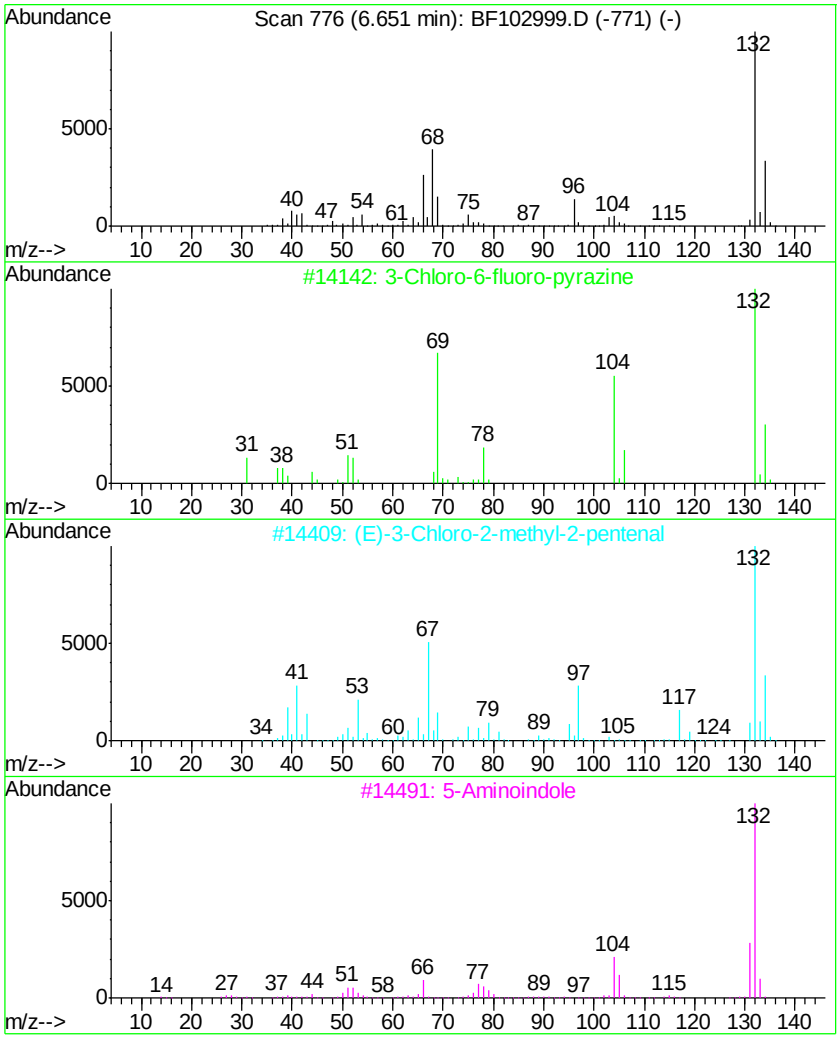
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

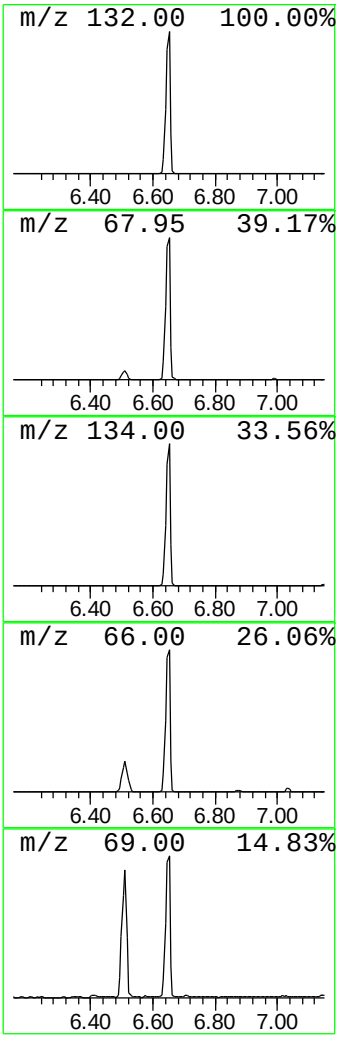
****

Peak Number 2 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	66.47 ng	3616990	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	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9





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TIC Library : C:\DATABASE\NIST11.L
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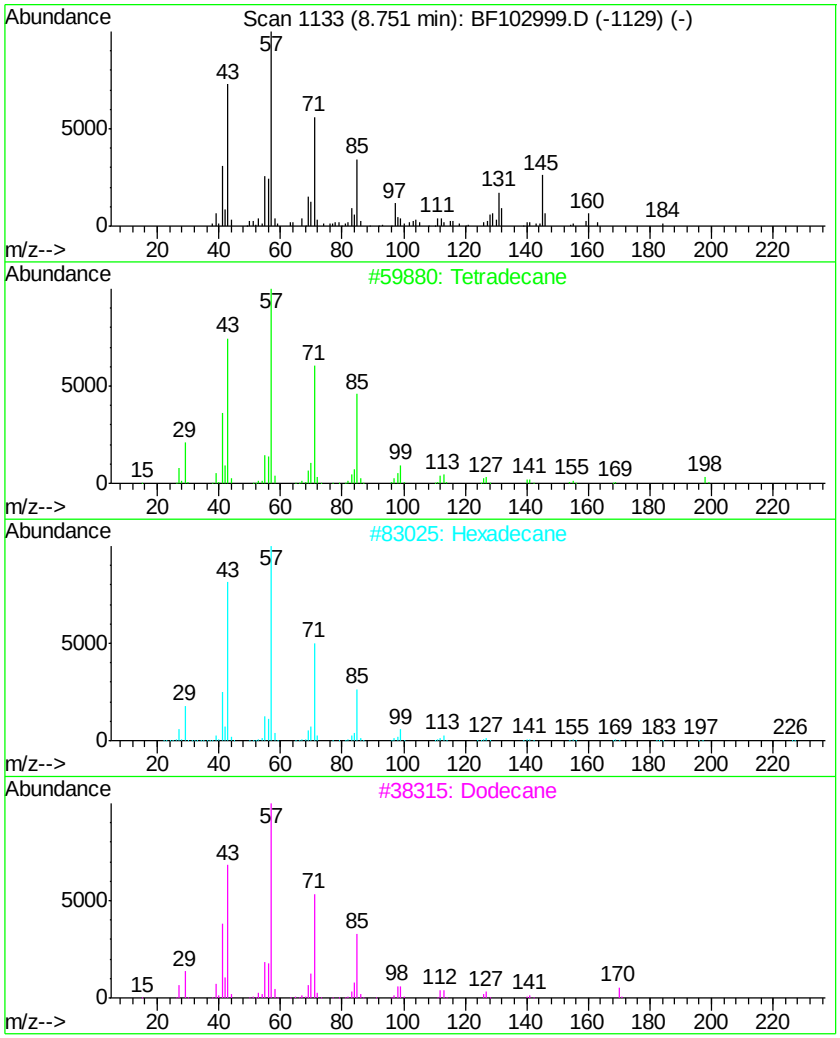
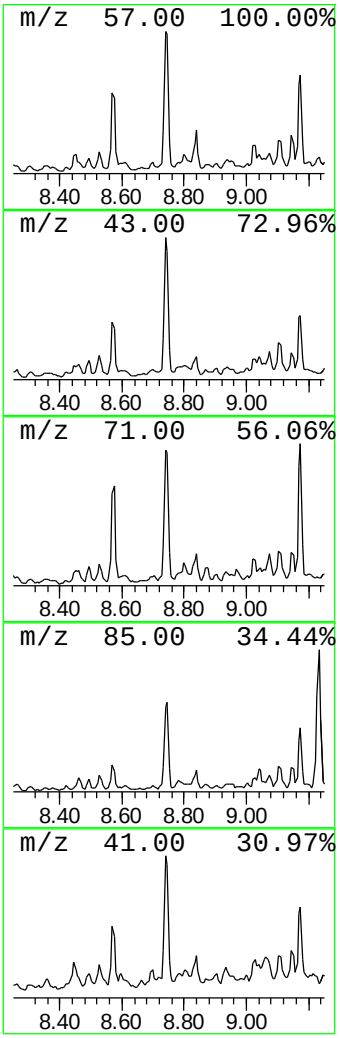
Peak Number 4 Tetradecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.75	9.41 ng	657710	Naphthalene-d8	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	86
2	Hexadecane	226	C16H34	000544-76-3	86
3	Dodecane	170	C12H26	000112-40-3	86
4	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	76
5	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	72





Data Path : Z:\HPCHEM1\BNA F\DATA\BF021418\
Data File : BF102999.D
Acq On : 14 Feb 2018 19:40
Operator : SJ/JU
Sample : J1539-20
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CB-1-SW(4-9)

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

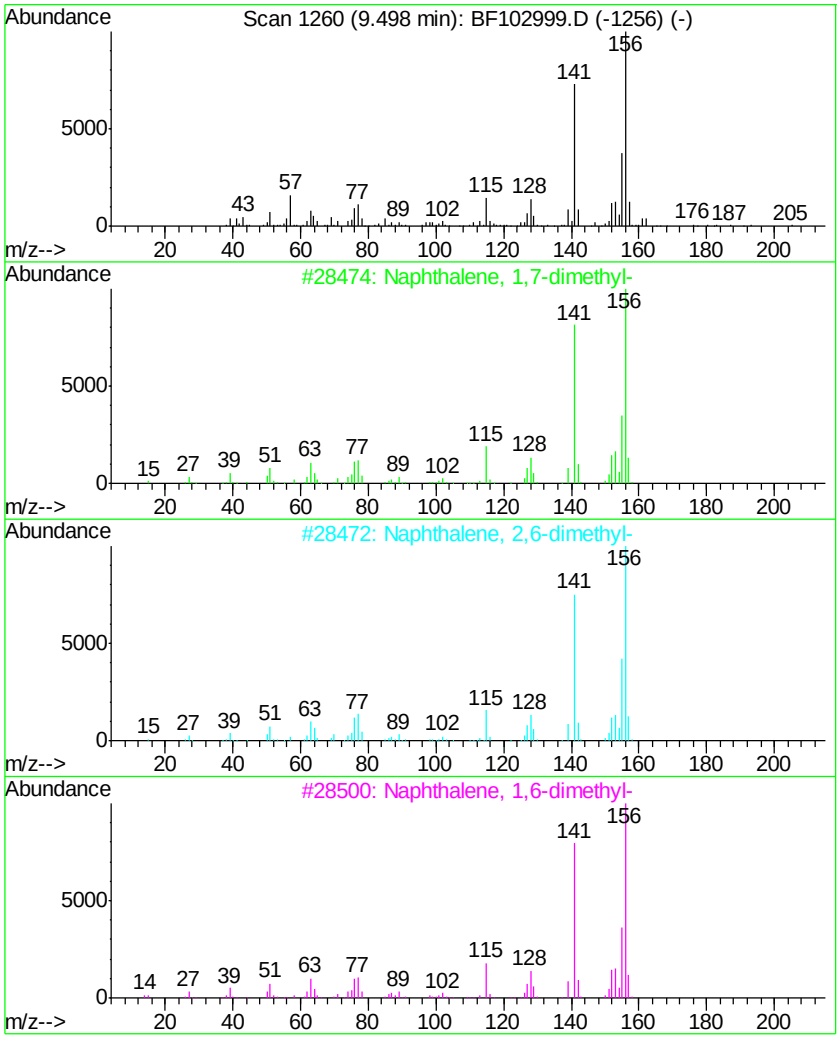
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

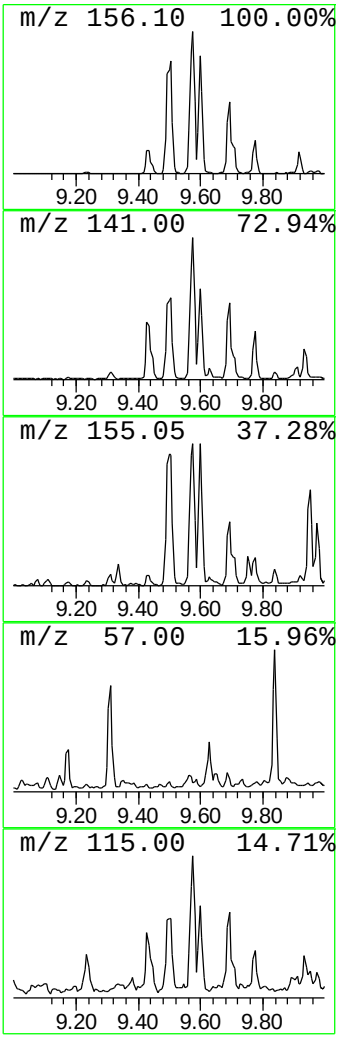
****

Peak Number 6 Naphthalene, 1,7-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.50	8.77 ng	470562	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021418\
Data File : BF102999.D
Acq On : 14 Feb 2018 19:40
Operator : SJ/JU
Sample : J1539-20
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CB-1-SW(4-9)

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

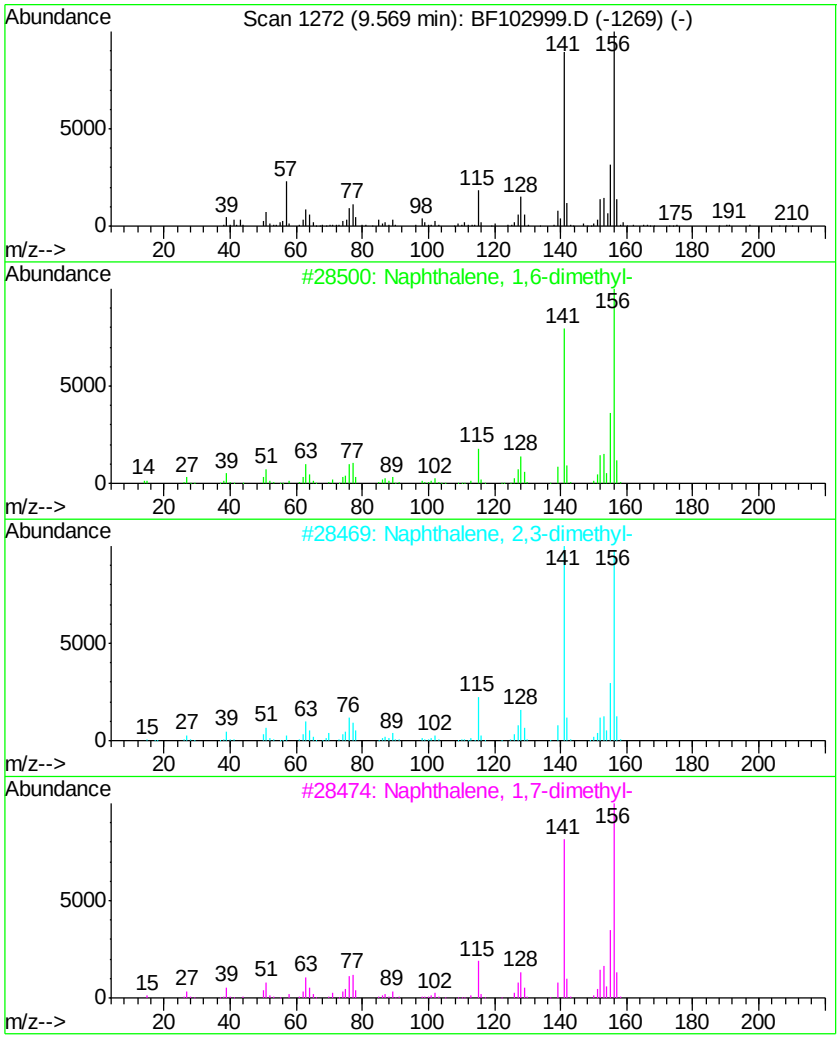
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

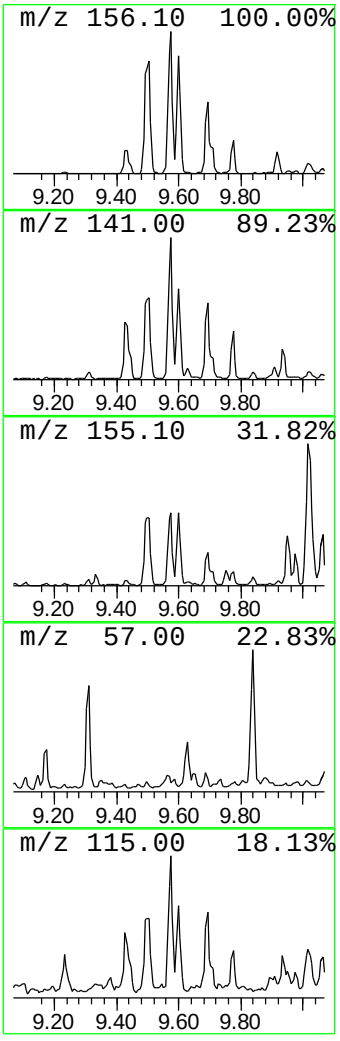
****

Peak Number 7 Naphthalene, 1,6-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.57	9.69 ng	519804	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97





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Acq On : 14 Feb 2018 19:40
Operator : SJ/JU
Sample : J1539-20
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CB-1-SW(4-9)

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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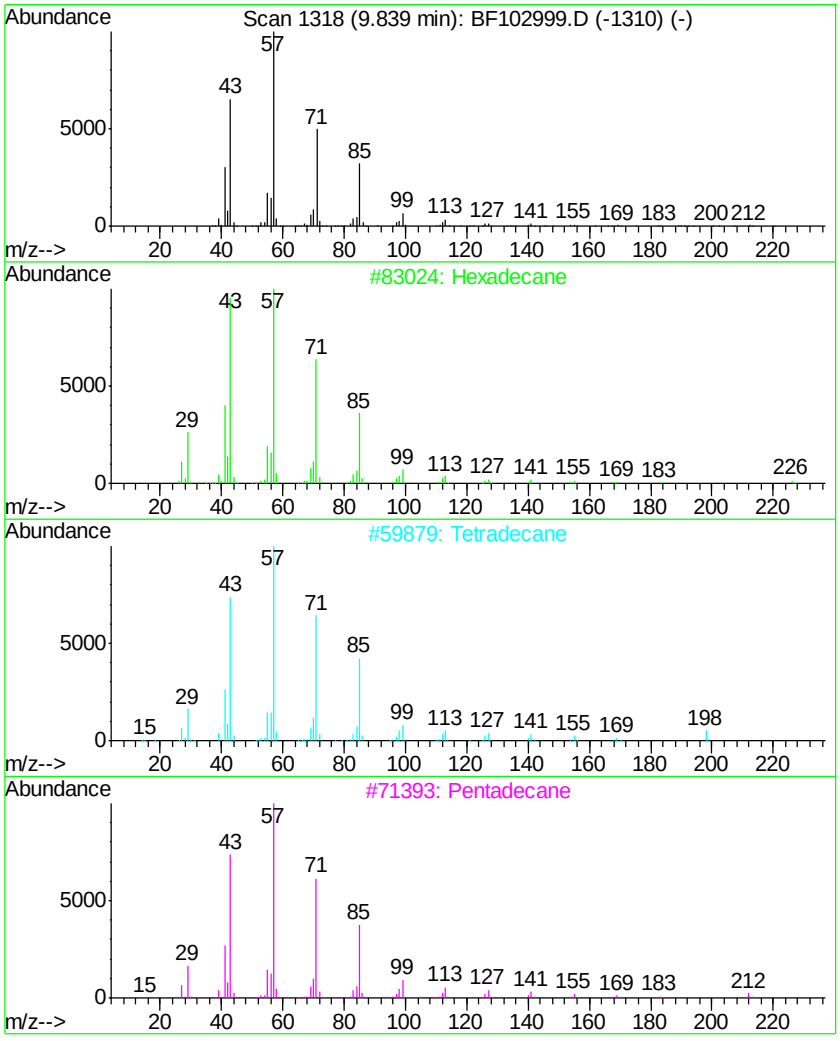
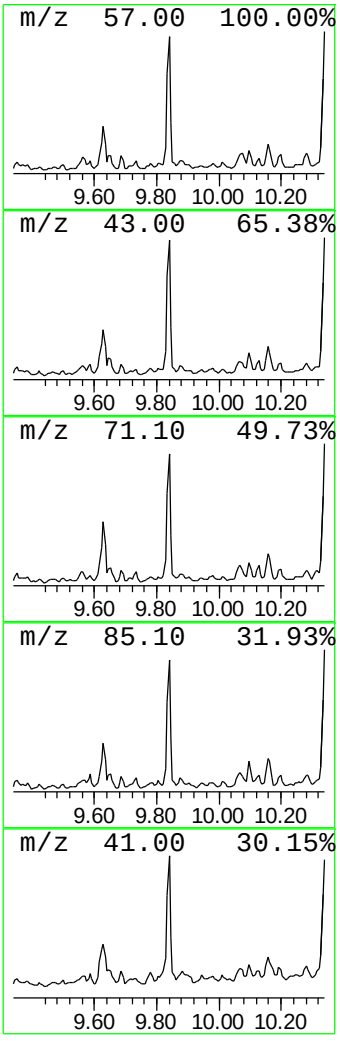
Peak Number 8 Hexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.84	30.88 ng	1655870	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Tetradecane	198	C14H30	000629-59-4	90
3	Pentadecane	212	C15H32	000629-62-9	83
4	Tridecane	184	C13H28	000629-50-5	83
5	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	80





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Sample : J1539-20
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CB-1-SW(4-9)

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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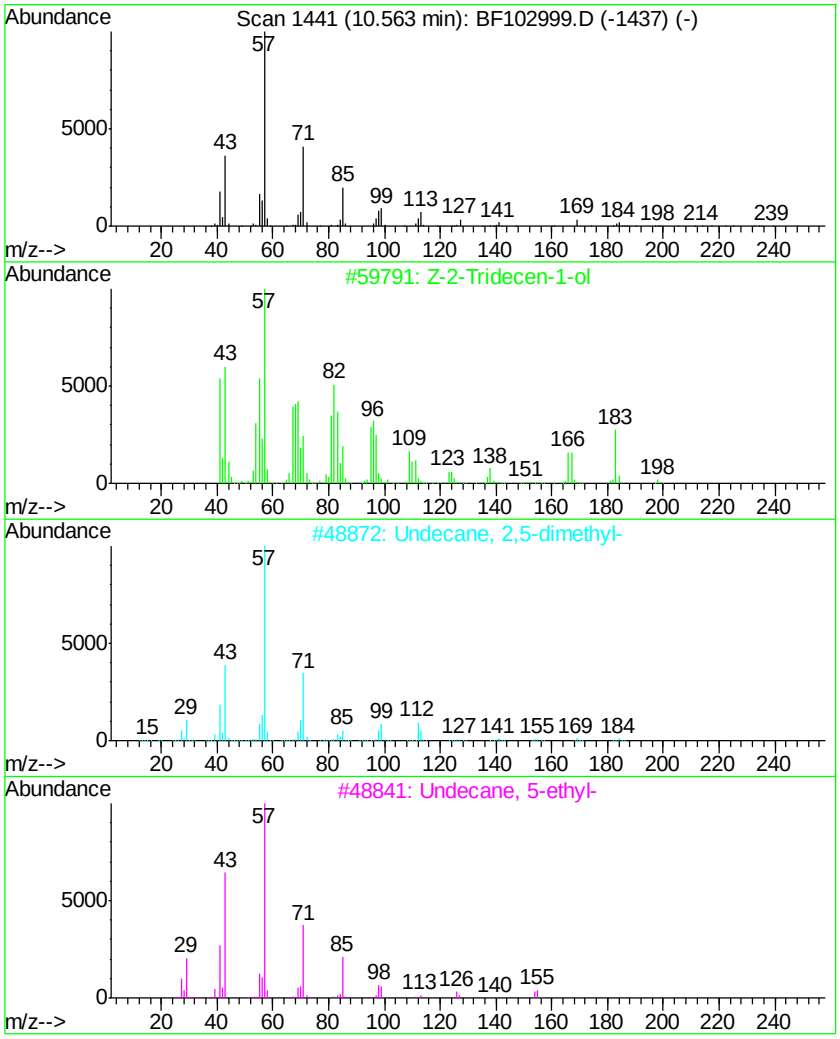
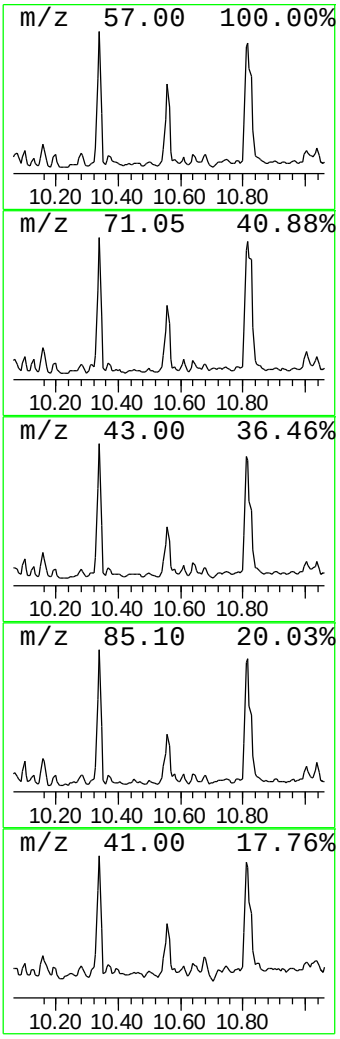
Peak Number 10 Z-2-Tridecen-1-ol Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.56	16.18 ng	867580	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Z-2-Tridecen-1-ol	198	C13H26O	1000130-75-8	70
2	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	70
3	Undecane, 5-ethyl-	184	C13H28	017453-94-0	59
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	59
5	Tridecane	184	C13H28	000629-50-5	58





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Data File : BF102999.D
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Operator : SJ/JU
Sample : J1539-20
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CB-1-SW(4-9)

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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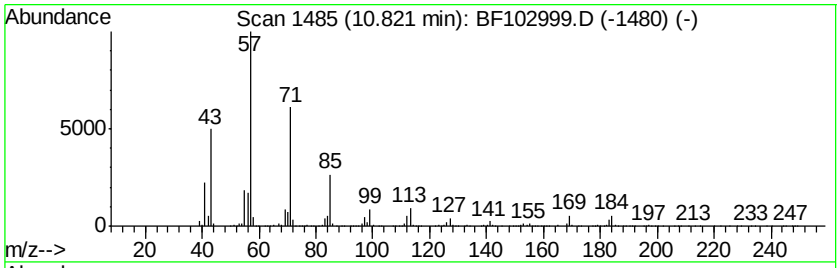
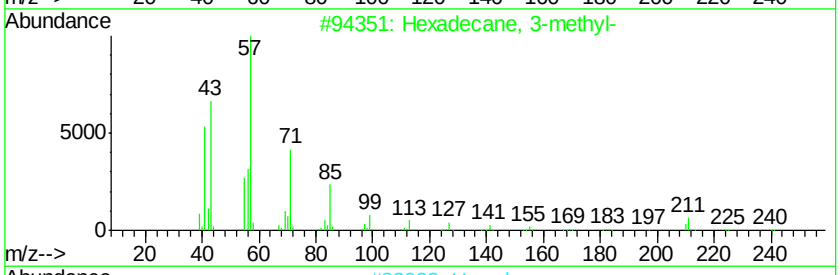
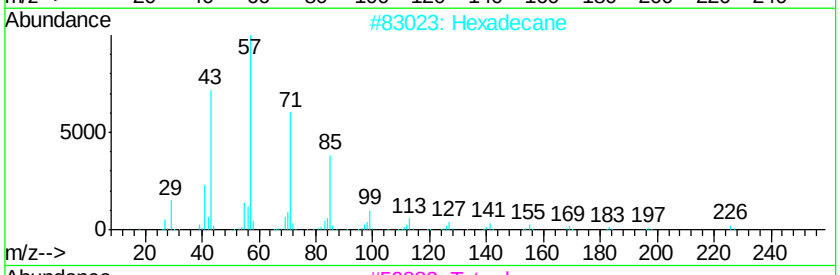
Peak Number 11 Hexadecane, 3-methyl- Concentration Rank 2

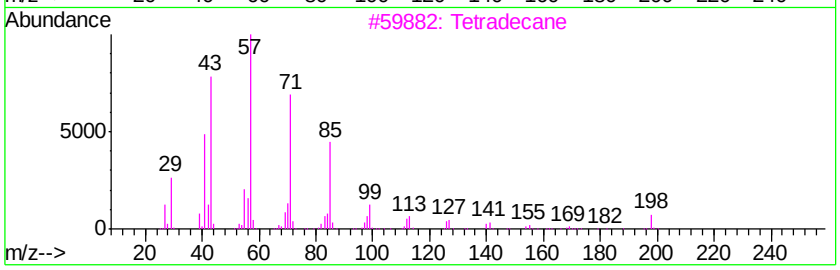
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.82	51.26 ng	2582970	Phenanthrene-d10	11.41

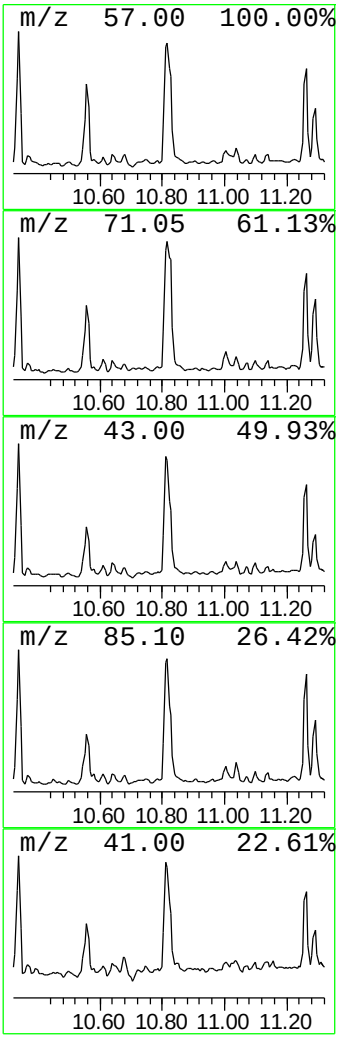
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	87
2	Hexadecane	226	C16H34	000544-76-3	86
3	Tetradecane	198	C14H30	000629-59-4	86
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
5	Nonadecane	268	C19H40	000629-92-5	80











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Operator : SJ/JU
Sample : J1539-20
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CB-1-SW(4-9)

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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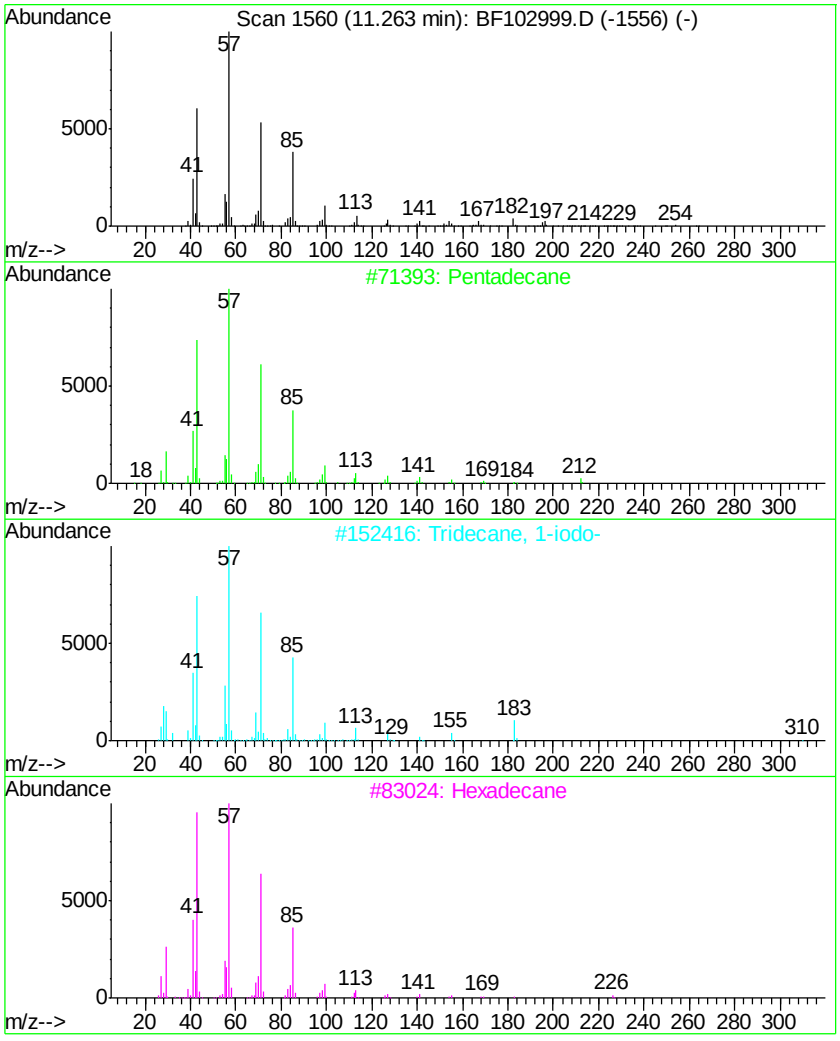
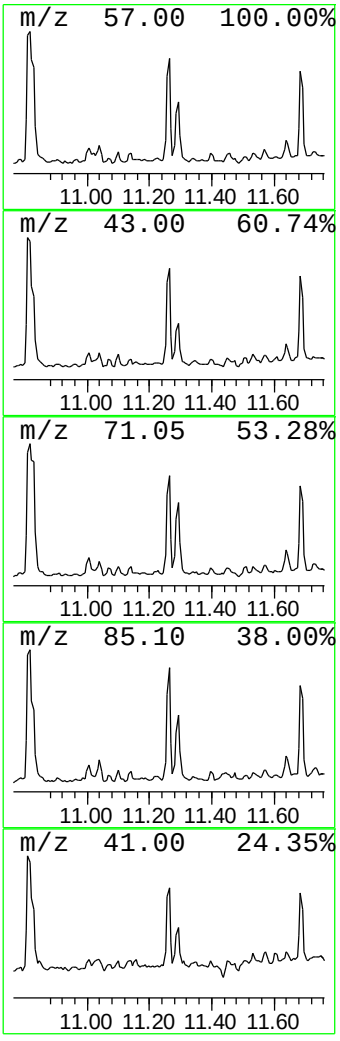
Peak Number 12 Pentadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.26	25.37 ng	1278510	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	87
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
3	Hexadecane	226	C16H34	000544-76-3	86
4	Tridecane	184	C13H28	000629-50-5	72
5	Eicosane	282	C20H42	000112-95-8	72





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ClientSampleId : CB-1-SW(4-9)

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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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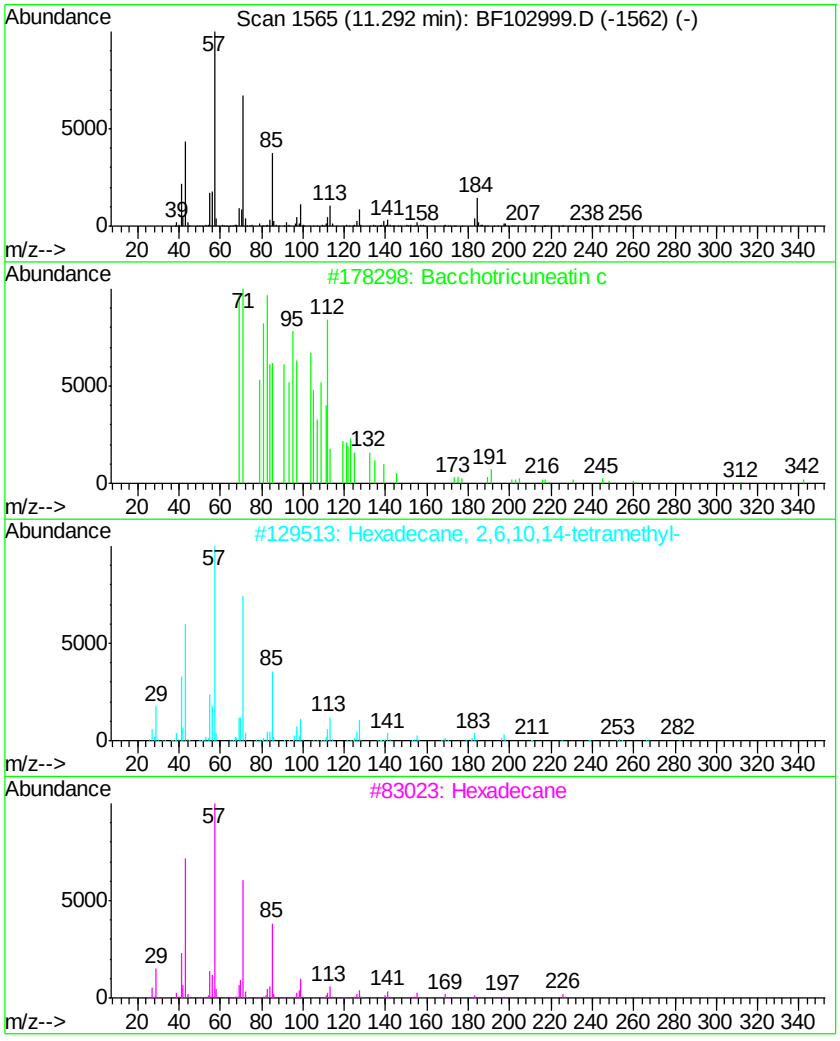
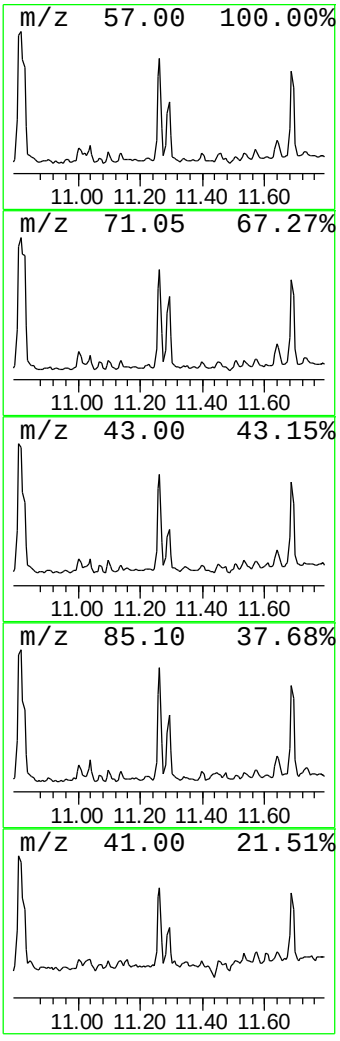
Peak Number 13 Bacchotricuneatin c Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.29	24.28 ng	1223240	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bacchotricuneatin c	342	C20H22O5	066563-30-2	91
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	80
3	Hexadecane	226	C16H34	000544-76-3	72
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	68
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	58





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Sample : J1539-20
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CB-1-SW(4-9)

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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 Anthracene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.91	17.87 ng	900334	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
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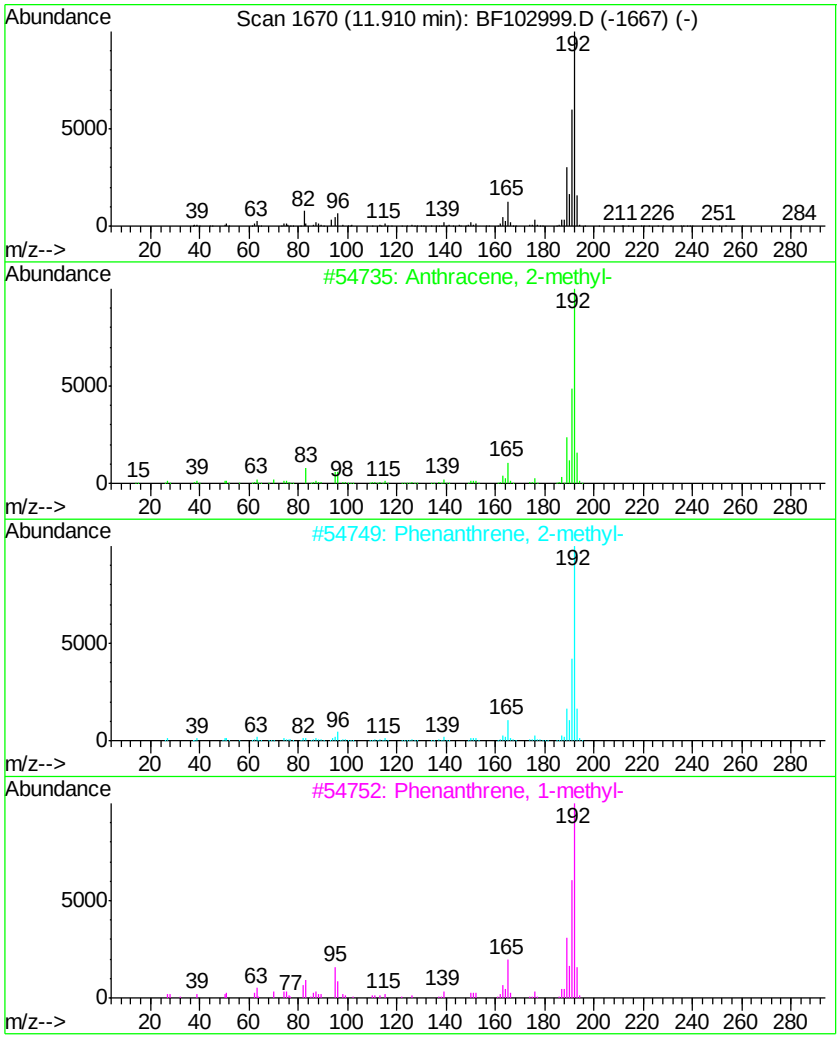

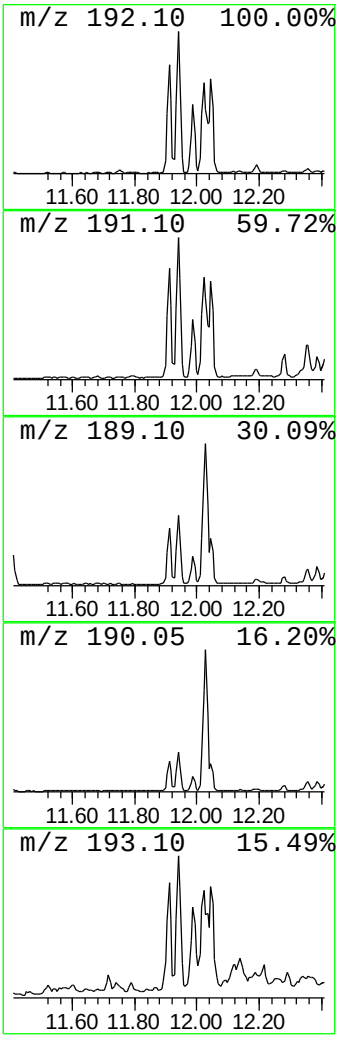

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Operator : SJ/JU
Sample : J1539-20
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CB-1-SW(4-9)

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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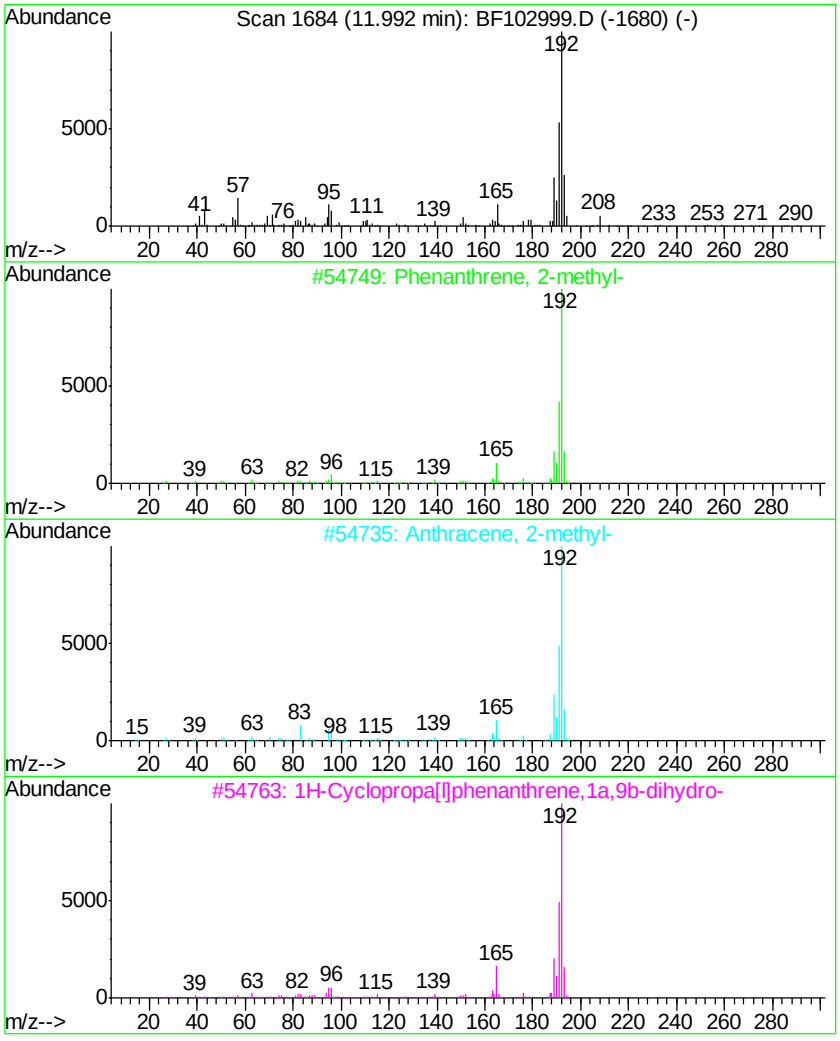
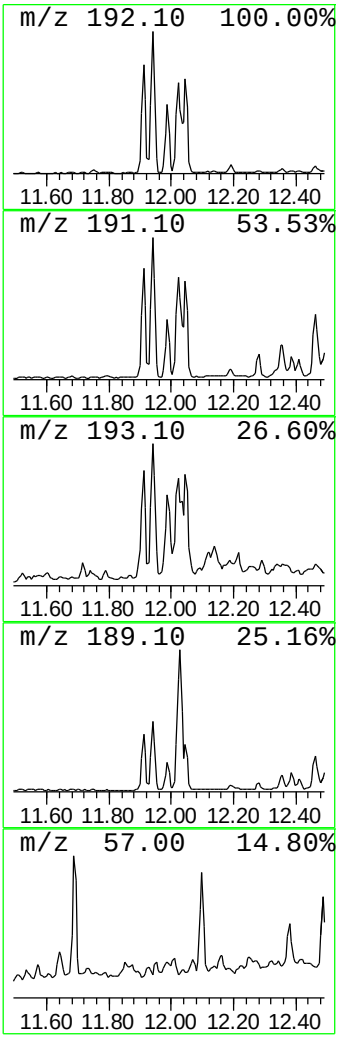
Peak Number 16 Phenanthrene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	14.78 ng	744580	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94





Library Search Compound Report

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Operator : SJ/JU
Sample : J1539-20
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CB-1-SW(4-9)

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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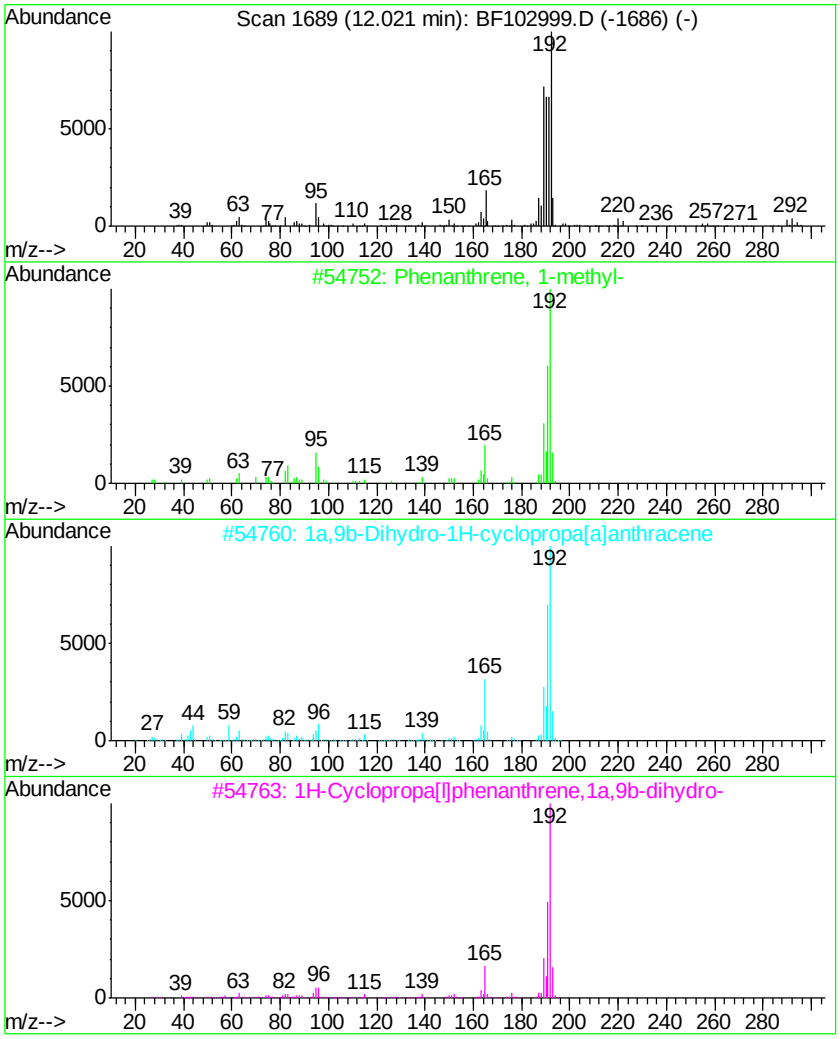
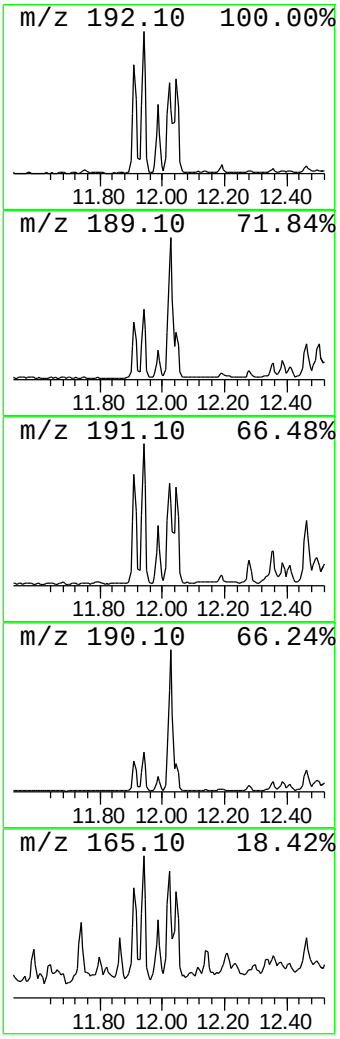
Peak Number 17 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	30.28 ng	1525670	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	60
2	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	55
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	53
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	53
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	53





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Operator : SJ/JU
Sample : J1539-20
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CB-1-SW(4-9)

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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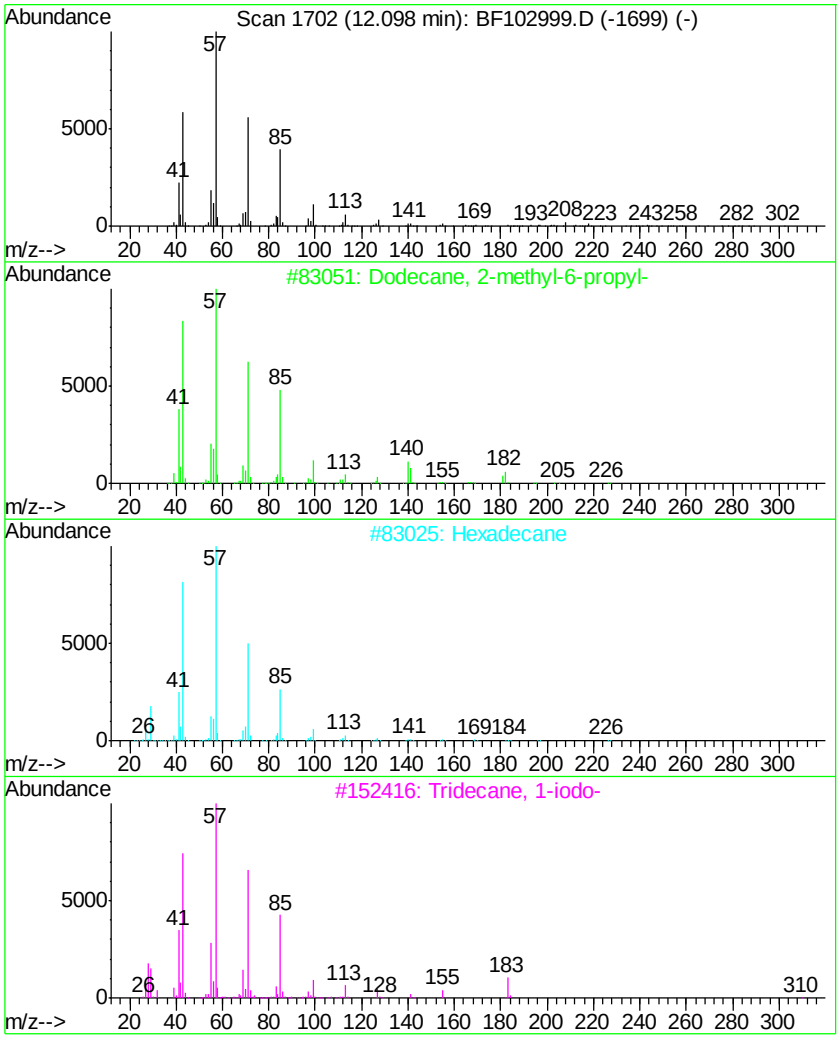
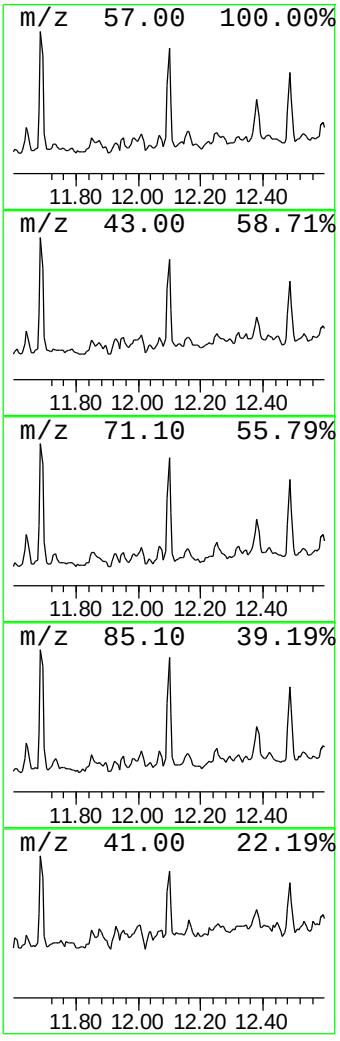
Peak Number 18 Dodecane, 2-methyl-6-propyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.10	15.44 ng	778141	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
2	Hexadecane	226	C16H34	000544-76-3	90
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
4	Octacosane	394	C28H58	000630-02-4	83
5	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	83





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ALS Vial : 24 Sample Multiplier: 1

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

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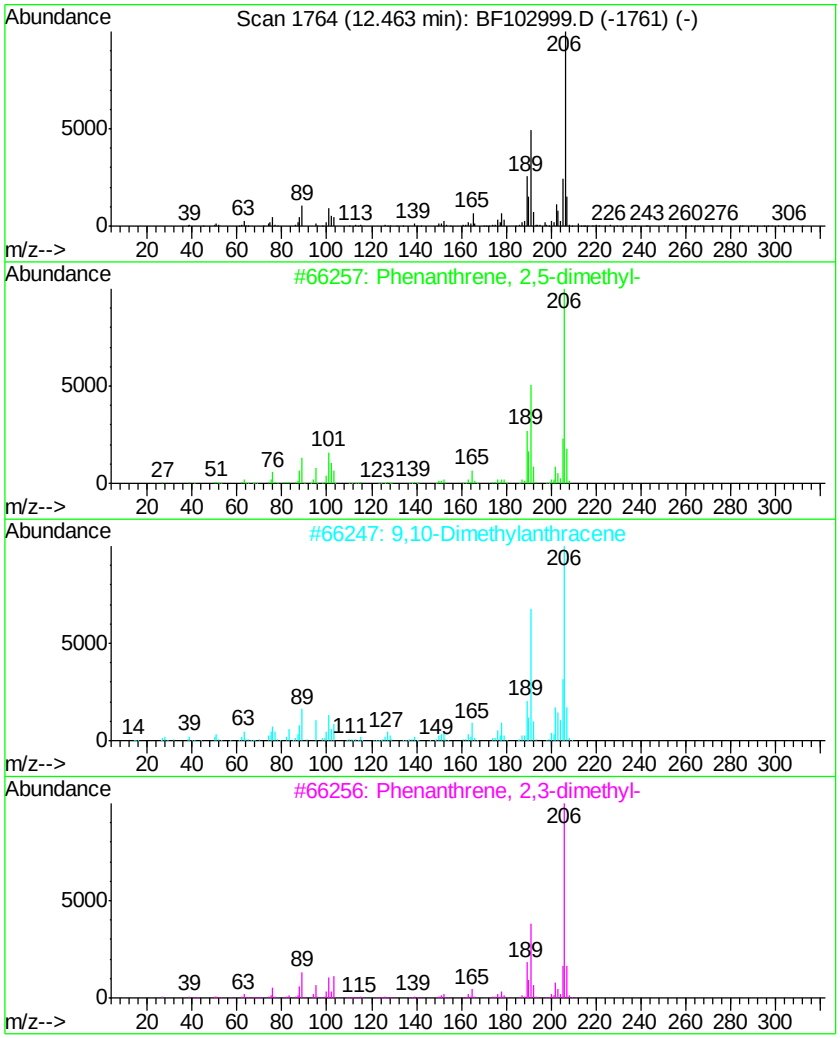
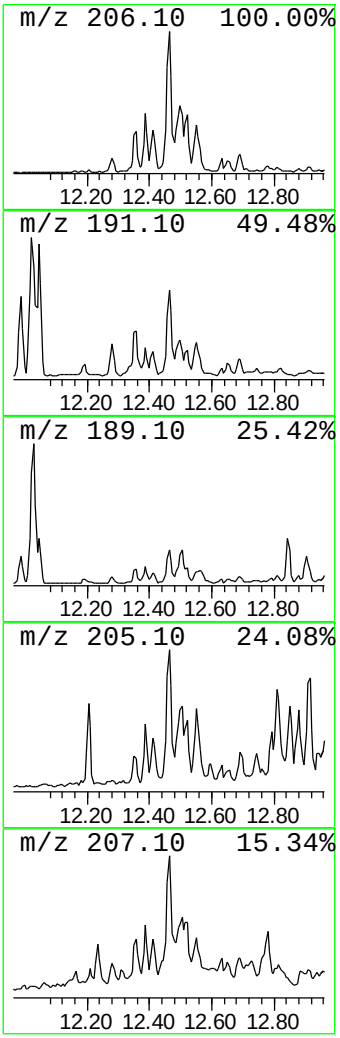
Peak Number 19 Phenanthrene, 2,5-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	13.90 ng	700214	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87





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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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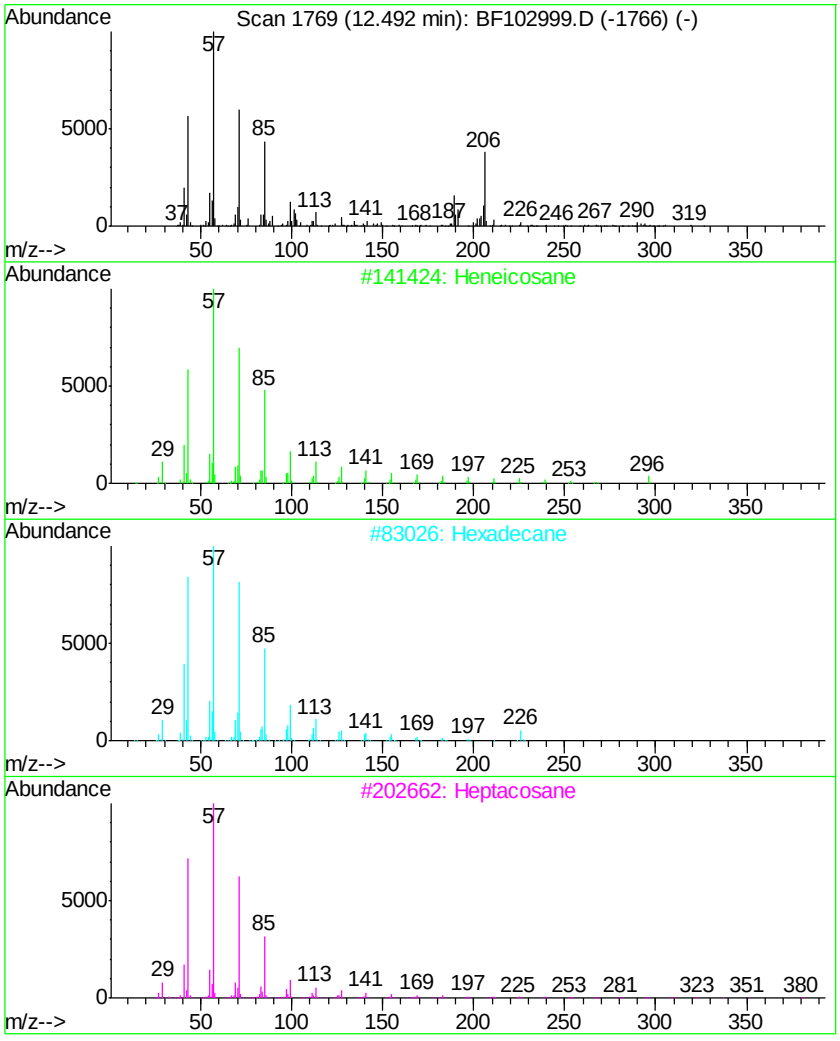
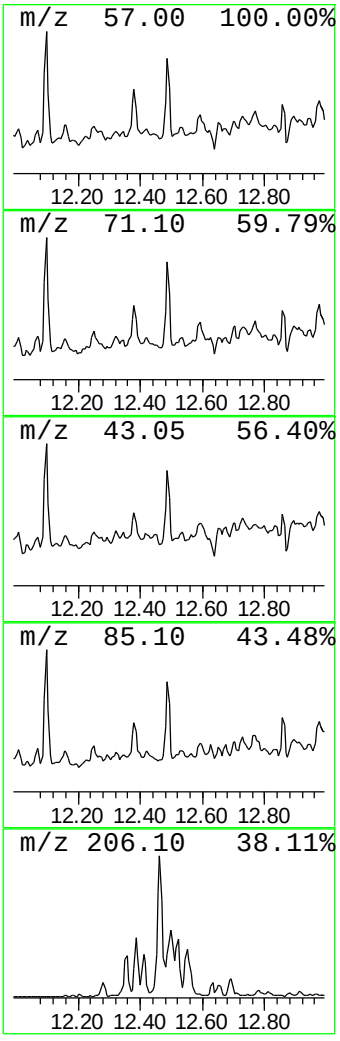
Peak Number 20 Heneicosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	13.81 ng	695630	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Hexadecane	226	C16H34	000544-76-3	90
3	Heptacosane	380	C27H56	000593-49-7	83
4	Decane, 5-propyl-	184	C13H28	017312-62-8	74
5	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021418\
Data File : BF102999.D
Acq On : 14 Feb 2018 19:40
Operator : SJ/JU
Sample : J1539-20
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CB-1-SW(4-9)

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...	2.14	21.9	ng	1189610	1	6.87	1088370	20.0
unknown6.65	6.65	66.5	ng	3616990	1	6.87	1088370	20.0
Tetradecane	8.75	9.4	ng	657710	2	8.16	1397740	20.0
Naphthalene, 1,7-...	9.50	8.8	ng	470562	3	9.92	1072560	20.0
Naphthalene, 1,6-...	9.57	9.7	ng	519804	3	9.92	1072560	20.0
Hexadecane	9.84	30.9	ng	1655870	3	9.92	1072560	20.0
Z-2-Tridecen-1-ol	10.56	16.2	ng	867580	3	9.92	1072560	20.0
Hexadecane, 3-met...	10.82	51.3	ng	2582970	4	11.41	1007710	20.0
Pentadecane	11.26	25.4	ng	1278510	4	11.41	1007710	20.0
Bacchotricuneatin c	11.29	24.3	ng	1223240	4	11.41	1007710	20.0
Anthracene, 2-met...	11.91	17.9	ng	900334	4	11.41	1007710	20.0
Phenanthrene, 2-m...	11.99	14.8	ng	744580	4	11.41	1007710	20.0
Phenanthrene, 1-m...	12.02	30.3	ng	1525670	4	11.41	1007710	20.0
Dodecane, 2-methy...	12.10	15.4	ng	778141	4	11.41	1007710	20.0
Phenanthrene, 2,5...	12.46	13.9	ng	700214	4	11.41	1007710	20.0
Heneicosane	12.49	13.8	ng	695630	4	11.41	1007710	20.0