LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100217\
Data File : BF099018.D
Acq On : 2 Oct 2017 23:47
Operator : SJ/JU
Sample : I5532-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-64A-0-1.5

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-BF092317.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	2.192	14	18	26	rVB	81175	108137	6.60%	0.341%
2	5.122	513	516	523	rBV	323375	353177	21.57%	1.113%
3	5.498	577	580	581	rBV	73118	59720	3.65%	0.188%
4	5.522	581	584	595	rVB	1633262	1542746	94.20%	4.860%
5	5.757	620	624	627	rBV	62265	64043	3.91%	0.202%
6	6.157	685	692	694	rBV4	33298	54693	3.34%	0.172%
7	6.527	751	755	761	rVV	1607654	1559169	95.21%	4.912%
8	6.675	776	780	783	rVV	1950270	1598282	97.60%	5.035%
9	6.727	786	789	793	rBV2	115237	111162	6.79%	0.350%
10	6.904	816	819	822	rBV	957538	764172	46.66%	2.408%
11	6.957	825	828	833	rBV	98712	87498	5.34%	0.276%
12	7.057	840	845	849	rBV	1435890	1368767	83.58%	4.312%
13	7.175	859	865	867	rVB3	41485	55158	3.37%	0.174%
14	7.222	870	873	880	rVB2	36542	57111	3.49%	0.180%
15	7.298	880	886	889	rBV4	42697	66620	4.07%	0.210%
16	7.463	910	914	917	rVV	1111002	981647	59.94%	3.093%
17	7.492	917	919	923	rVB	110266	91482	5.59%	0.288%
18	7.545	923	928	931	rVB4	42335	58779	3.59%	0.185%
19	7.592	931	936	941	rBV5	27767	57310	3.50%	0.181%
20	7.922	989	992	995	rBV2	61509	64575	3.94%	0.203%
21	8.157	1029	1032	1034	rBV	156304	134986	8.24%	0.425%
22	8.186	1034	1037	1039	rVV	1116316	930450	56.82%	2.931%
23	8.210	1039	1041	1043	rVV	311518	247639	15.12%	0.780%
24	8.239	1043	1046	1048	rVB2	123136	116855	7.14%	0.368%
25	8.474	1082	1086	1090	rVB5	71551	97145	5.93%	0.306%
26	8.557	1097	1100	1104	rVV4	42802	63394	3.87%	0.200%
27	8.598	1104	1107	1109	rVV	204391	159094	9.71%	0.501%
28	8.769	1133	1136	1139	rBV	214978	164251	10.03%	0.517%
29	8.898	1155	1158	1162	rVB	419367	328746	20.07%	1.036%
30	8.998	1171	1175	1178	rVV	289433	245460	14.99%	0.773%
31	9.198	1207	1209	1212	rVV	182963	129560	7.91%	0.408%
32	9.257	1215	1219	1223	rBV	1791641	1637649	100.00%	5.159%
33	9.333	1228	1232	1235	rBV	254849	233848	14.28%	0.737%
34	9.363	1235	1237	1241	rVV	71243	74956	4.58%	0.236%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100217\
Data File : BF099018.D
Acq On : 2 Oct 2017 23:47
Operator : SJ/JU
Sample : I5532-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-64A-0-1.5

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-BF092317.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.457	1250	1253	1258	rVB	87036	95114	5.81%	0.300%
36	9.527	1261	1265	1268	rBV2	304965	341756	20.87%	1.077%
37	9.598	1274	1277	1280	rVV	274829	286536	17.50%	0.903%
38	9.627	1280	1282	1284	rVV	196768	167855	10.25%	0.529%
39	9.651	1284	1286	1290	rVV	508094	432856	26.43%	1.364%
40	9.716	1294	1297	1299	rBV2	149785	137248	8.38%	0.432%
41	9.804	1309	1312	1315	rBV	213073	177314	10.83%	0.559%
42	9.863	1317	1322	1326	rVB	212054	198127	12.10%	0.624%
43	9.921	1329	1332	1333	rBV	76186	64763	3.95%	0.204%
44	9.945	1333	1336	1339	rVV	919570	787542	48.09%	2.481%
45	9.974	1339	1341	1344	rVB2	107939	87590	5.35%	0.276%
46	10.045	1349	1353	1357	rVB	99450	123787	7.56%	0.390%
47	10.092	1357	1361	1364	rBV4	61065	99281	6.06%	0.313%
48	10.145	1364	1370	1373	rVB2	251980	270249	16.50%	0.851%
49	10.180	1373	1376	1381	rBV2	153361	154148	9.41%	0.486%
50	10.257	1386	1389	1392	rBV	121843	127673	7.80%	0.402%
51	10.286	1392	1394	1396	rBV	92178	62439	3.81%	0.197%
52	10.363	1400	1407	1410	rBV3	264086	333582	20.37%	1.051%
53	10.486	1422	1428	1431	rBV4	105681	150688	9.20%	0.475%
54	10.580	1439	1444	1447	rBV2	169096	184401	11.26%	0.581%
55	10.645	1450	1455	1459	rBV3	84055	120566	7.36%	0.380%
56	10.727	1467	1469	1473	rVB	588123	548070	33.47%	1.727%
57	10.851	1484	1490	1497	rVB2	425114	587100	35.85%	1.850%
58	11.163	1539	1543	1545	rBV4	66631	88361	5.40%	0.278%
59	11.233	1552	1555	1558	rBV	165741	147504	9.01%	0.465%
60	11.280	1560	1563	1566	rVV2	190693	204932	12.51%	0.646%
61	11.315	1566	1569	1575	rVB2	147175	228155	13.93%	0.719%
62	11.433	1585	1589	1591	rBV	895091	773990	47.26%	2.438%
63	11.457	1591	1593	1596	rVV	769682	601854	36.75%	1.896%
64	11.504	1599	1601	1604	rVV	249972	227617	13.90%	0.717%
65	11.533	1604	1606	1609	rVV2	50127	72572	4.43%	0.229%
66	11.662	1625	1628	1633	rVV	119593	155004	9.47%	0.488%
67	11.710	1633	1636	1640	rVV	175034	165997	10.14%	0.523%
68	11.762	1642	1645	1651	rVB2	77280	86980	5.31%	0.274%
69	11.933	1671	1674	1676	rBV	134924	131491	8.03%	0.414%
70	11.962	1676	1679	1682	rVB	204718	195453	11.93%	0.616%
71	12.039	1689	1692	1695	rVV2	140926	172827	10.55%	0.544%

LSC Area Percent Report

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Acq On : 2 Oct 2017 23:47
Operator : SJ/JU
Sample : I5532-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-64A-0-1.5

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-BF092317.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	12.068	1695	1697	1700	rVB	102124	75136	4.59%	0.237%
73	12.115	1702	1705	1708	rVV	135958	113689	6.94%	0.358%
74	12.227	1721	1724	1726	rBV	118884	98134	5.99%	0.309%
75	12.251	1726	1728	1735	rVB2	104513	113676	6.94%	0.358%
76	12.480	1764	1767	1770	rBV2	121834	131857	8.05%	0.415%
77	12.509	1770	1772	1775	rVV2	122872	124092	7.58%	0.391%
78	12.568	1779	1782	1786	rVB	160670	153167	9.35%	0.483%
79	12.645	1792	1795	1799	rBV	905067	802274	48.99%	2.528%
80	12.857	1828	1831	1832	rBV	155529	130333	7.96%	0.411%
81	12.874	1832	1834	1840	rVV2	825302	1048466	64.02%	3.303%
82	12.927	1840	1843	1847	rVB2	93936	119437	7.29%	0.376%
83	13.015	1854	1858	1860	rBV	1386908	1139696	69.59%	3.591%
84	13.092	1867	1871	1875	rBV5	82123	152256	9.30%	0.480%
85	13.174	1883	1885	1887	rBV3	63502	69714	4.26%	0.220%
86	13.233	1893	1895	1898	rBV	104473	86948	5.31%	0.274%
87	13.268	1899	1901	1904	rVV	66005	56625	3.46%	0.178%
88	13.304	1904	1907	1910	rVV2	96231	111940	6.84%	0.353%
89	13.486	1935	1938	1941	rVB2	285058	230937	14.10%	0.728%
90	13.574	1951	1953	1956	rBV2	77286	77118	4.71%	0.243%
91	13.709	1974	1976	1980	rVB	156837	146640	8.95%	0.462%
92	13.874	2002	2004	2006	rBV	90364	95816	5.85%	0.302%
93	14.039	2030	2032	2034	rBV2	102275	97766	5.97%	0.308%
94	14.074	2034	2038	2041	rVV2	987676	1395418	85.21%	4.396%
95	14.098	2041	2042	2048	rVB	453099	411146	25.11%	1.295%
96	14.492	2107	2109	2113	rBV2	101891	125988	7.69%	0.397%
97	15.133	2214	2218	2221	rBV	535985	803329	49.05%	2.531%
98	15.445	2267	2271	2276	rVB	326466	432332	26.40%	1.362%
99	15.503	2278	2281	2288	rVB	266569	350615	21.41%	1.105%
100	15.574	2289	2293	2296	rBV	480058	586937	35.84%	1.849%

Sum of corrected areas: 31741185

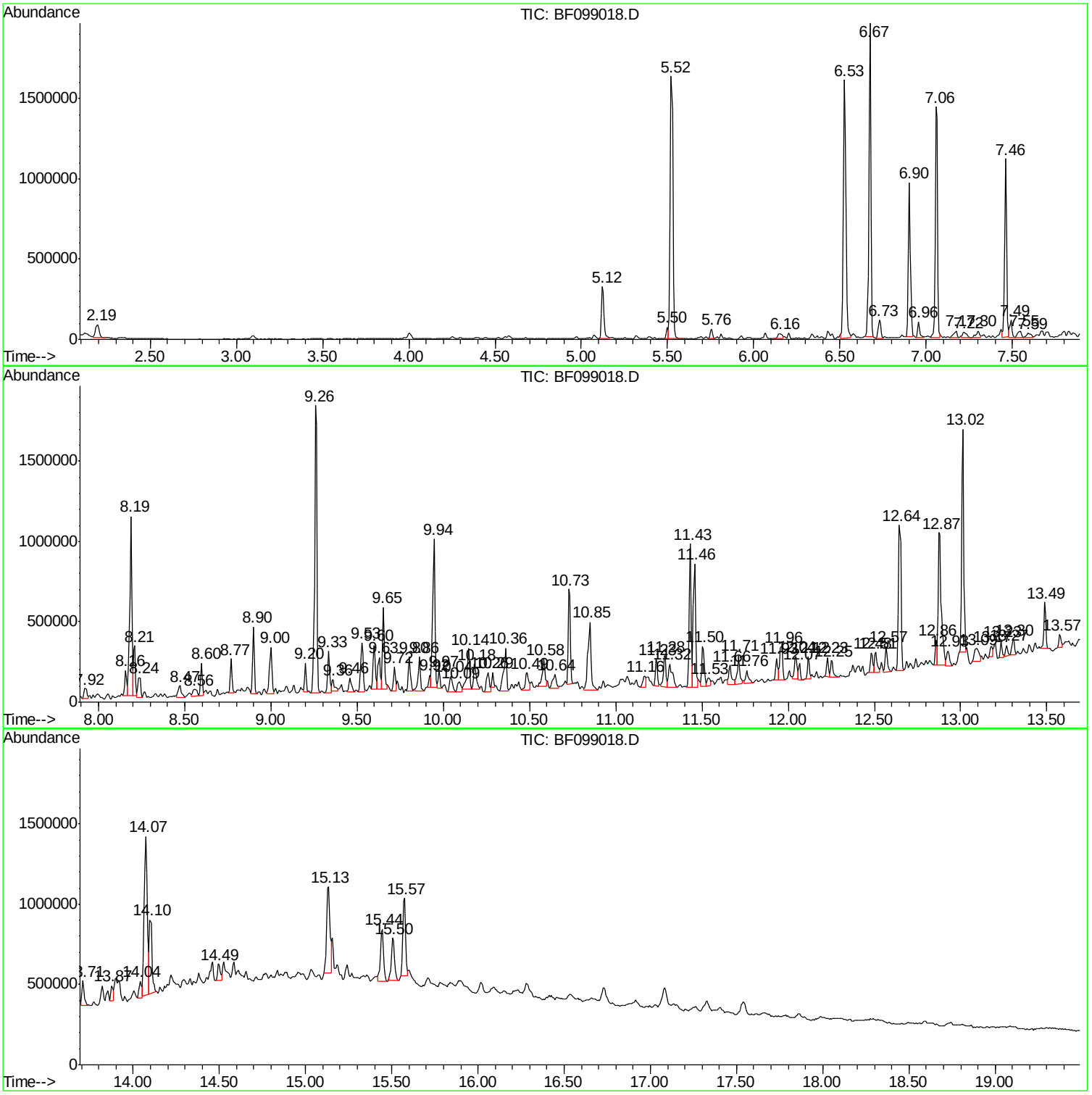
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100217\
Data File : BF099018.D
Acq On : 2 Oct 2017 23:47
Operator : SJ/JU
Sample : I5532-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-64A-0-1.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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\BF100217\
Data File : BF099018.D
Acq On : 2 Oct 2017 23:47
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Sample : I5532-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-64A-0-1.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

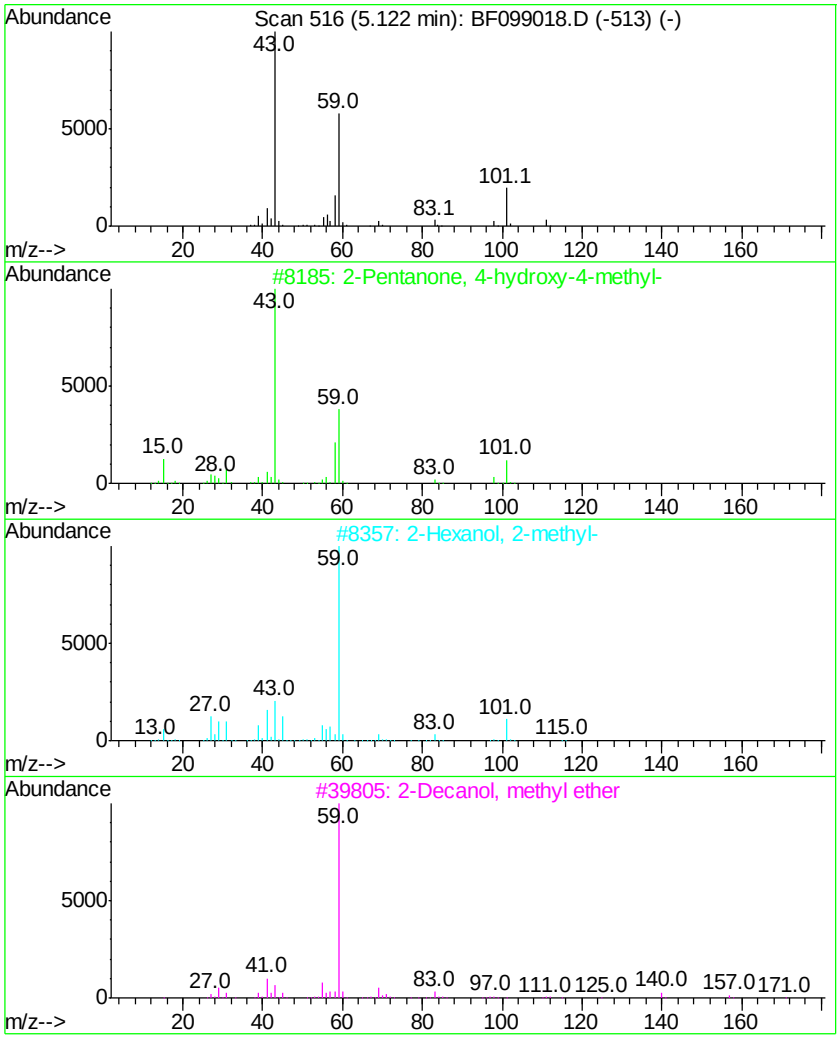
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

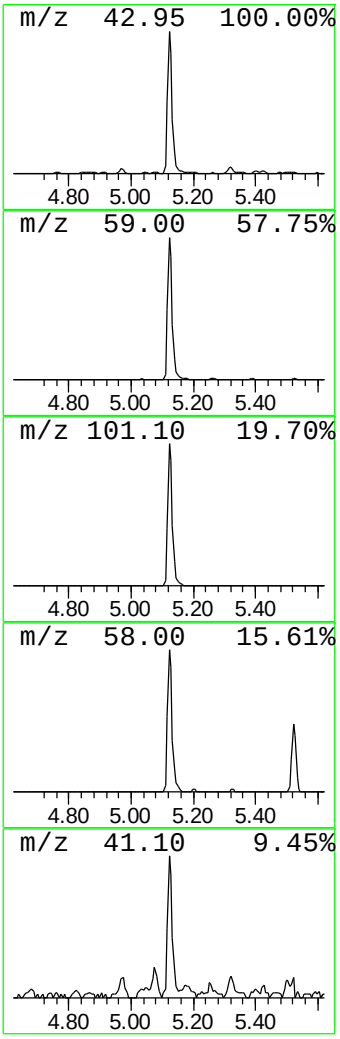
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.12	9.24 ng	353177	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	25
3	2-Decanol, methyl ether	172	C11H24O	1000333-83-9	23
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	17





Data Path : Z:\HPCHEM1\BNA F\DATA\BF100217\
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Sample : I5532-01 2X
Misc :
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Instrument : BNA_F
ClientSampleId : G-64A-0-1.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

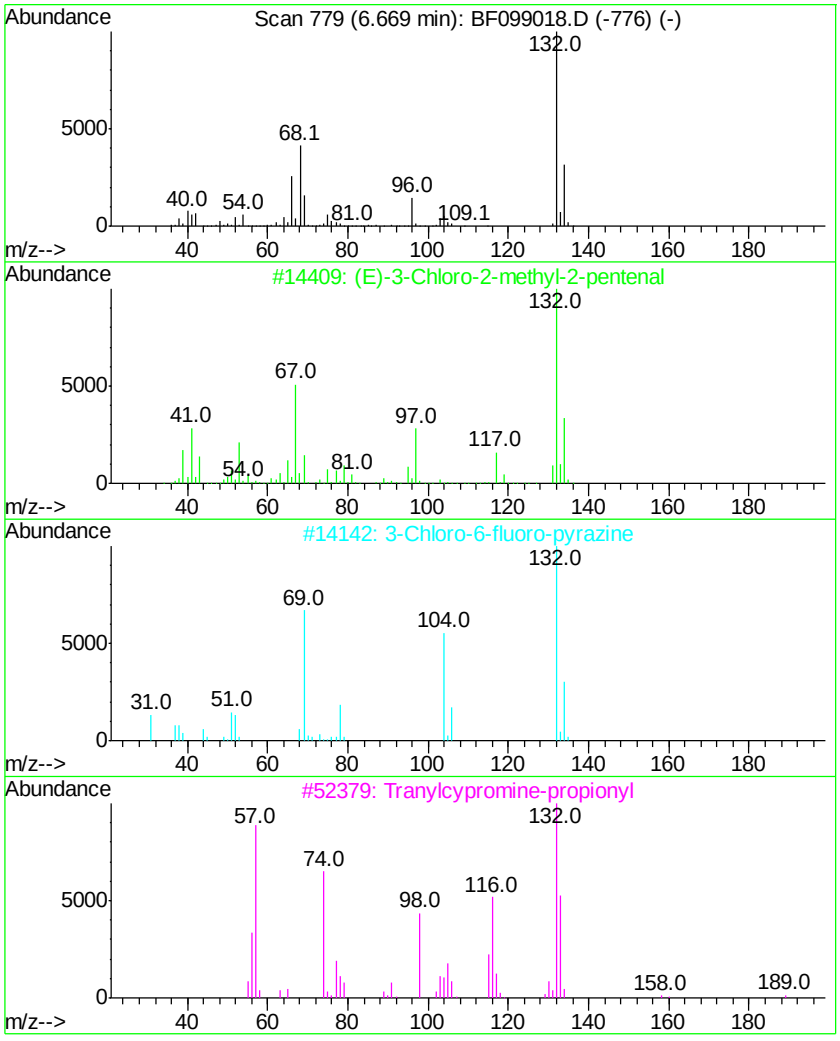
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

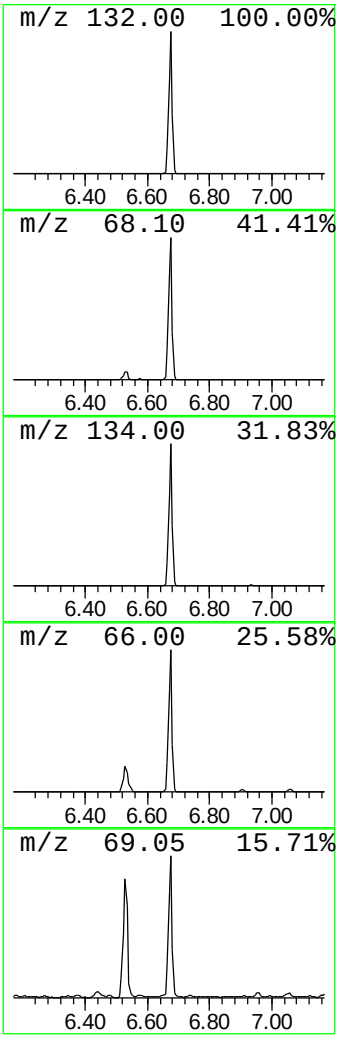
****

Peak Number 2 unknown6.67 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	41.83 ng	1598280	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	35
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100217\
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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-64A-0-1.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

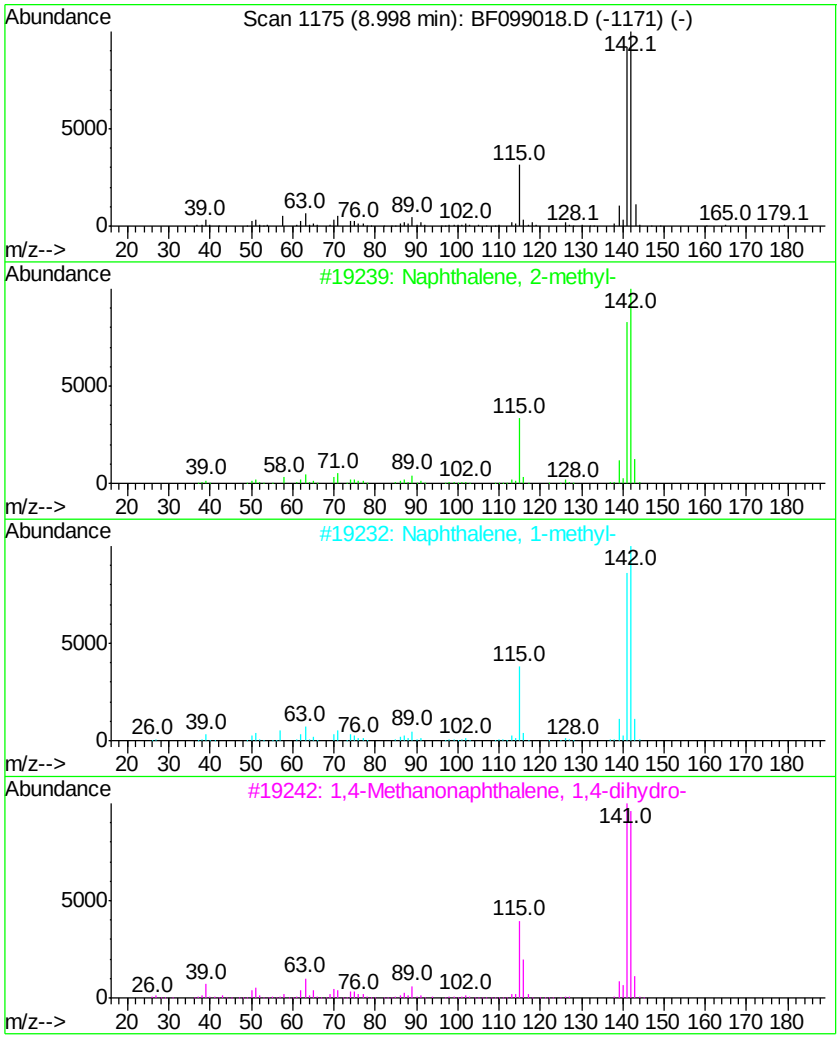
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

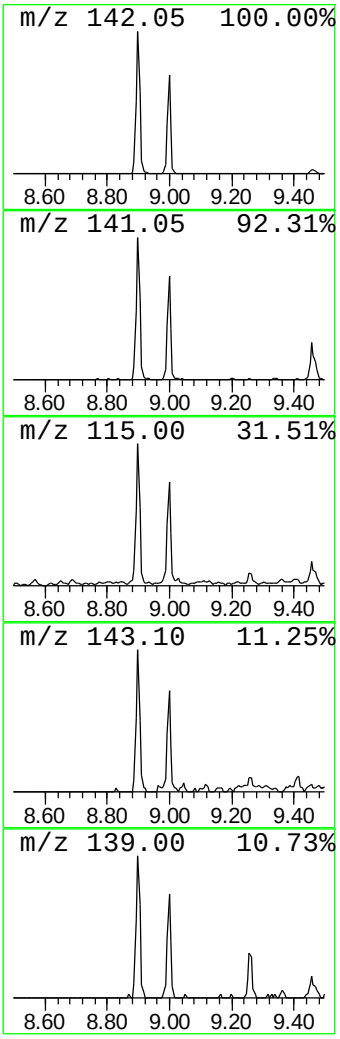
****

Peak Number 4 Naphthalene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.00	5.28 ng	245460	Naphthalene-d8	8.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
4	Benzocycloheptatriene	142	C11H10	000264-09-5	91
5	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	86





Data Path : Z:\HPCHEM1\BNA F\DATA\BF100217\
Data File : BF099018.D
Acq On : 2 Oct 2017 23:47
Operator : SJ/JU
Sample : I5532-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-64A-0-1.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

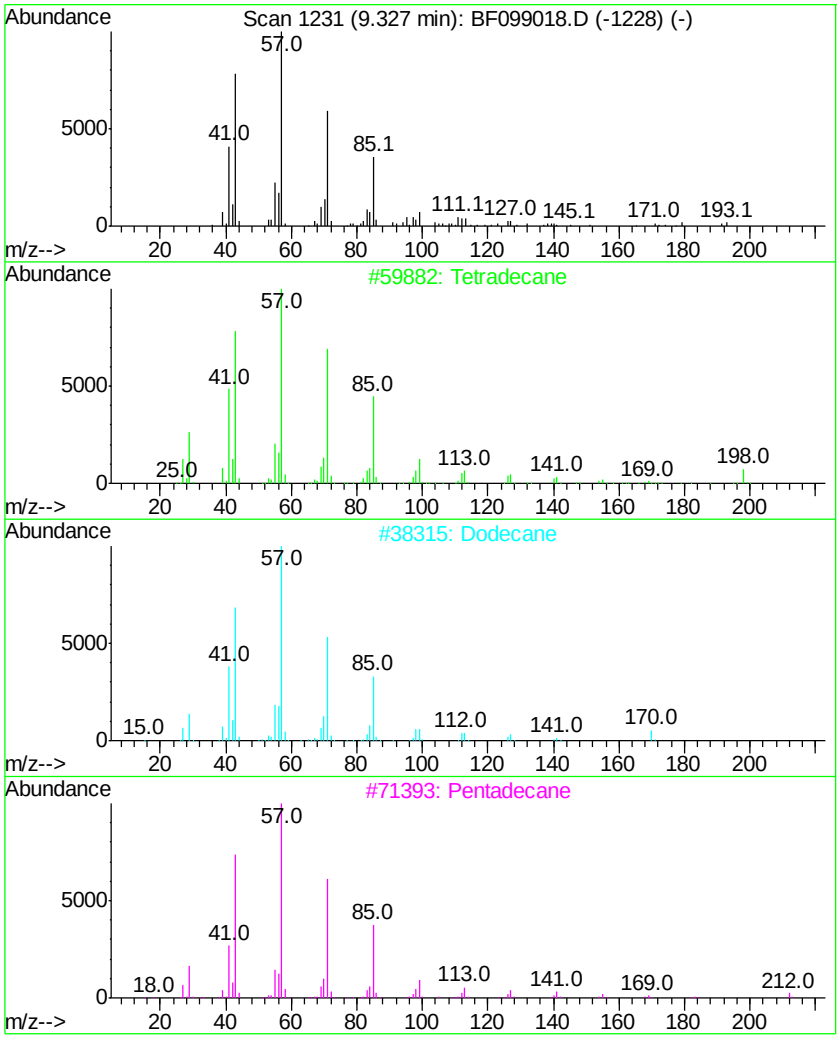
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

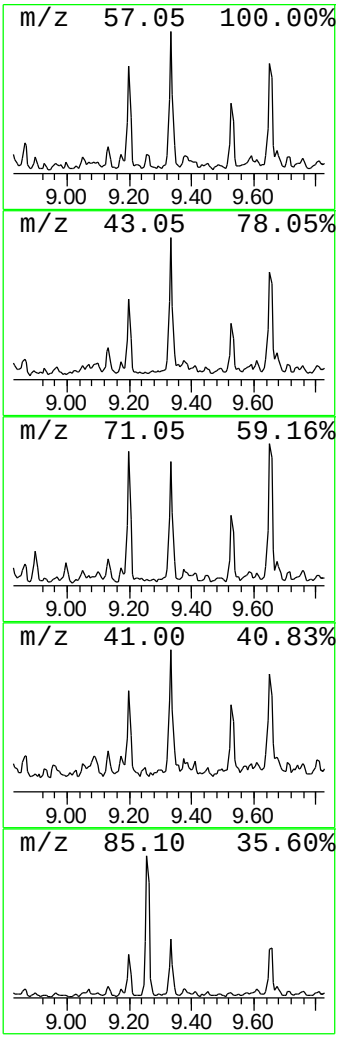
****

Peak Number 5 Tetradecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.33	5.94 ng	233848	Acenaphthene-d10	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	96
2	Dodecane	170	C12H26	000112-40-3	93
3	Pentadecane	212	C15H32	000629-62-9	90
4	Heptadecane	240	C17H36	000629-78-7	90
5	Hexadecane	226	C16H34	000544-76-3	90





Data Path : Z:\HPCHEM1\BNA F\DATA\BF100217\
Data File : BF099018.D
Acq On : 2 Oct 2017 23:47
Operator : SJ/JU
Sample : I5532-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-64A-0-1.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

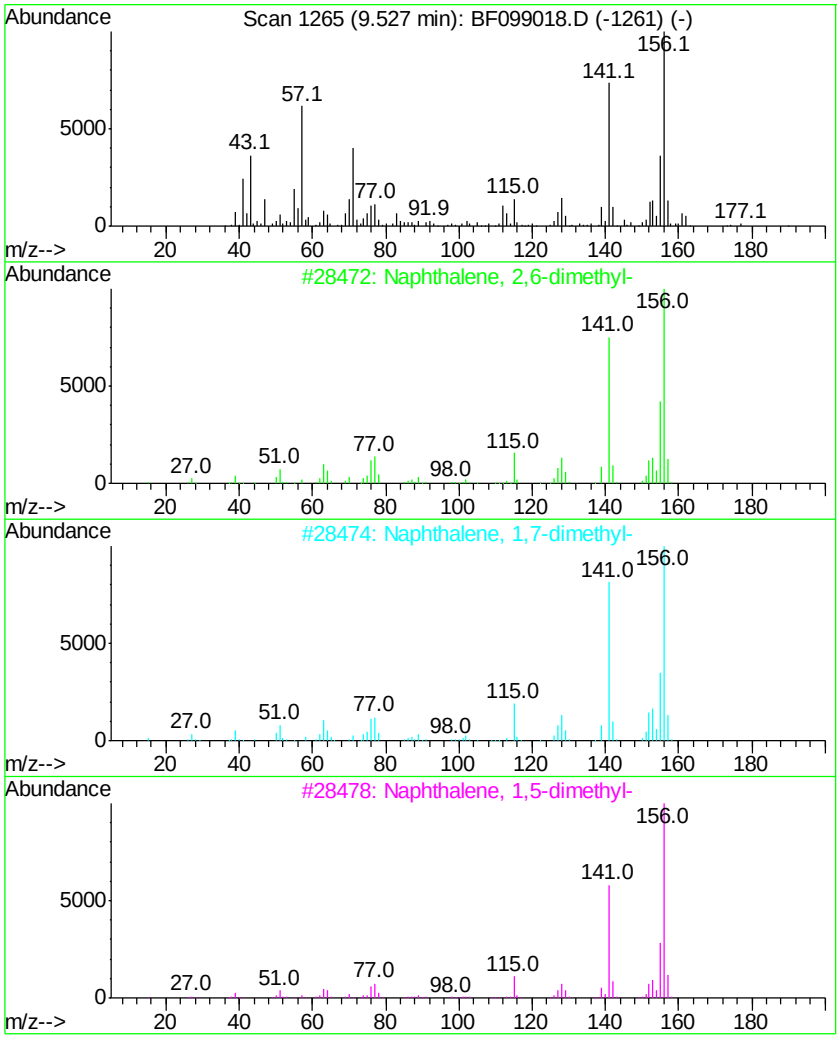
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

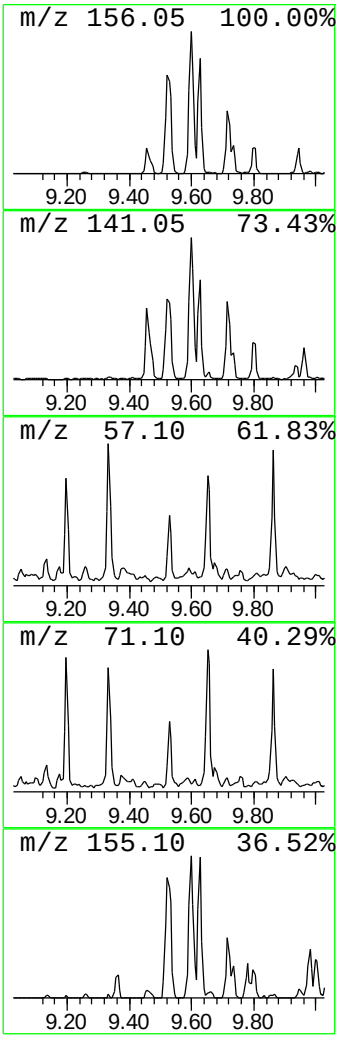
****

Peak Number 6 Naphthalene, 2,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.53	8.68 ng	341756	Acenaphthene-d10	9.94

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





Library Search Compound Report

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Acq On : 2 Oct 2017 23:47
Operator : SJ/JU
Sample : I5532-01 2X
Misc :
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Instrument : BNA_F
ClientSampleId : G-64A-0-1.5

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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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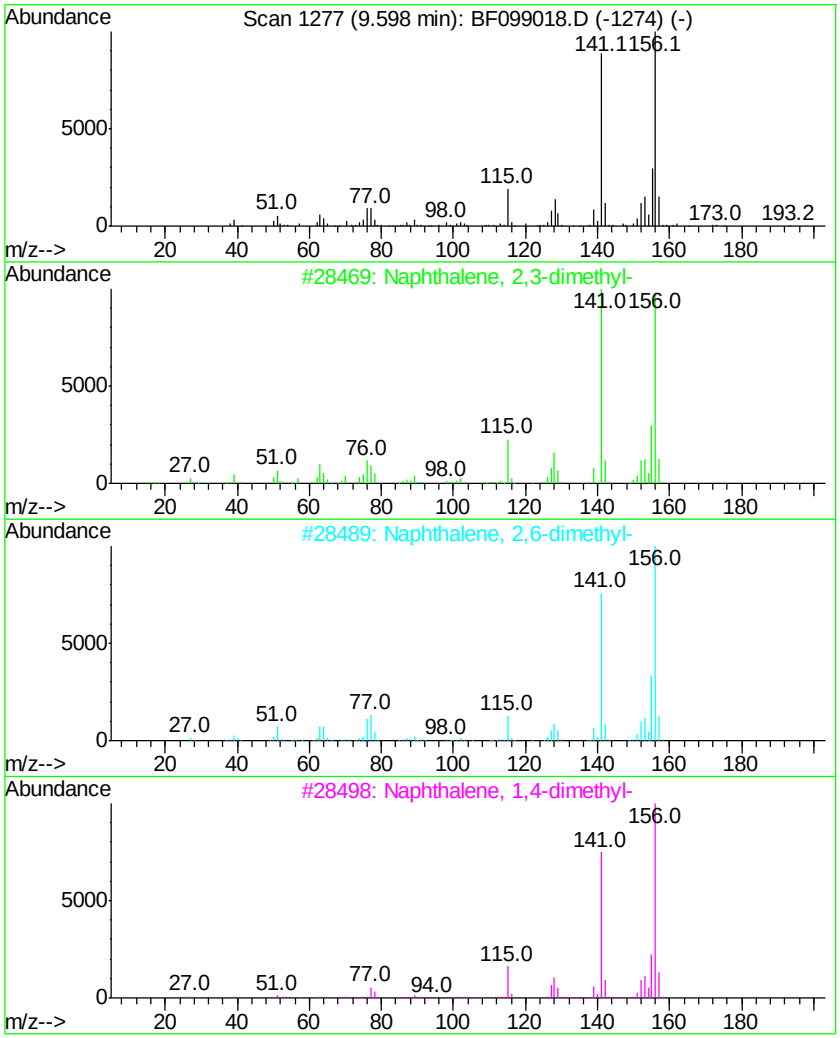
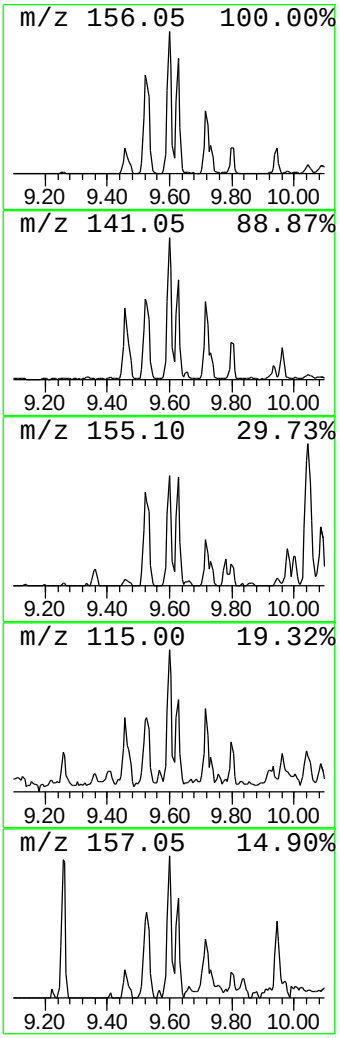
Peak Number 7 Naphthalene, 2,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.60	7.28 ng	286536	Acenaphthene-d10	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97





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ClientSampleId : G-64A-0-1.5

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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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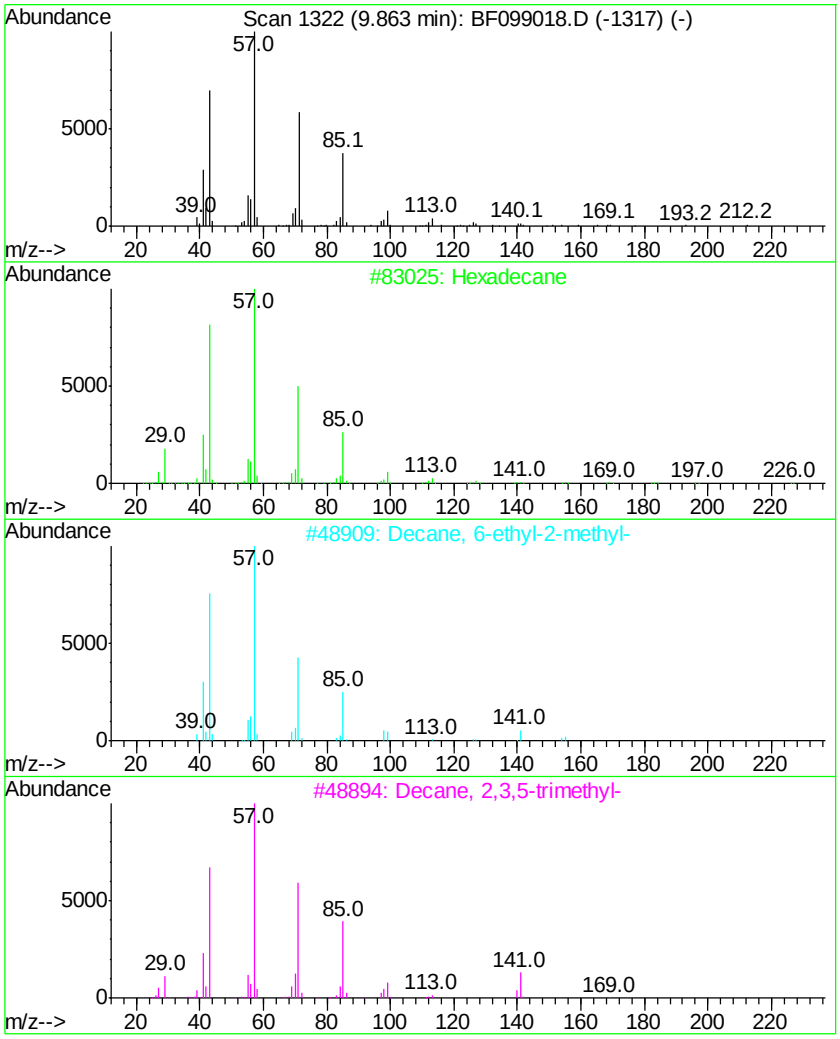
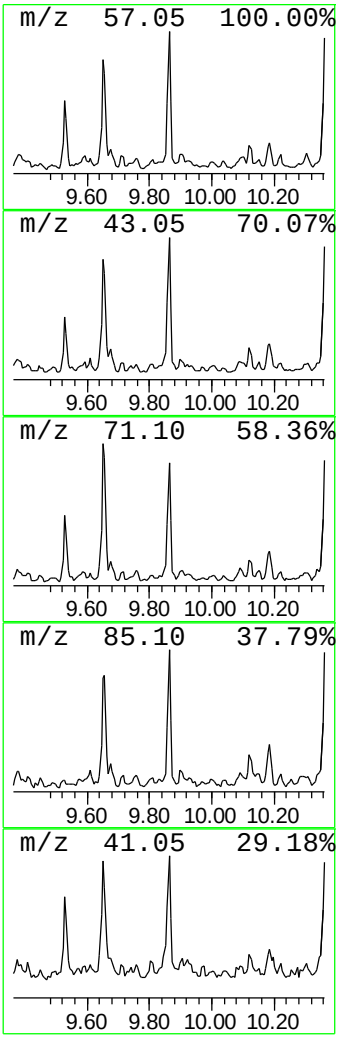
Peak Number 8 Hexadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.86	5.03 ng	198127	Acenaphthene-d10	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	78
3	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	72
4	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	72
5	Bacchotricuneatin c	342	C20H22O5	066563-30-2	64





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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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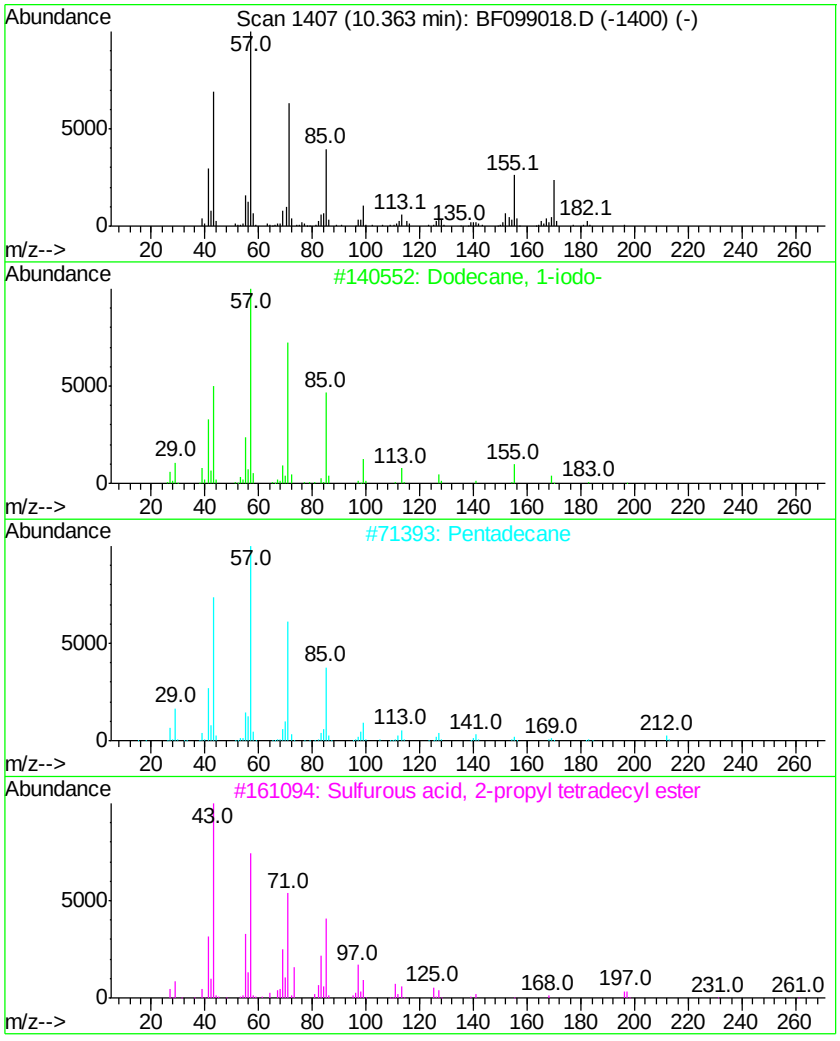
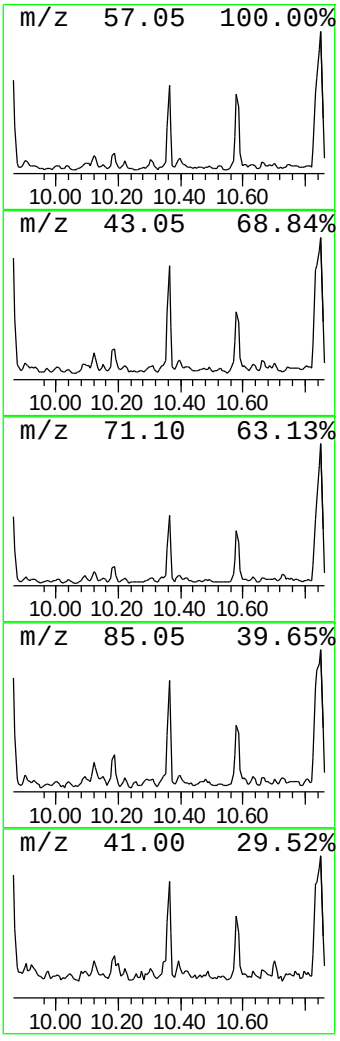
Peak Number 9 Dodecane, 1-iodo- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.36	8.47 ng	333582	Acenaphthene-d10	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	58
2	Pentadecane	212	C15H32	000629-62-9	52
3	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	52
4	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	52
5	Tetracosane	338	C24H50	000646-31-1	52





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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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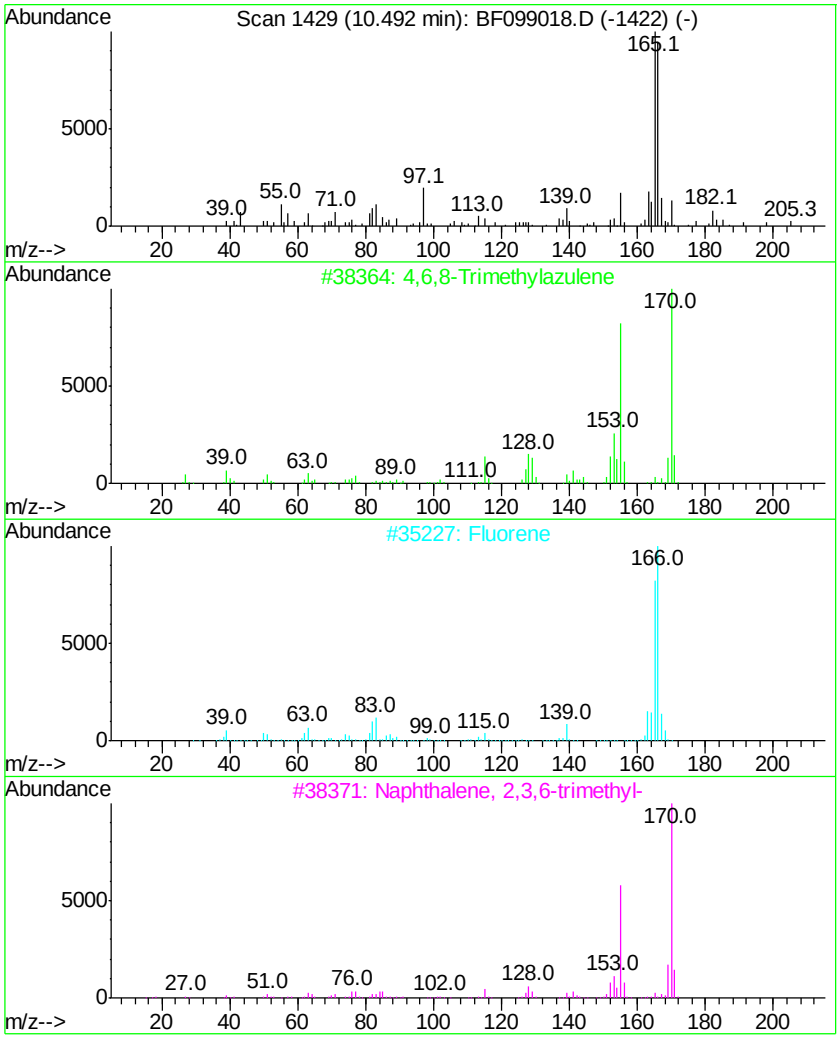
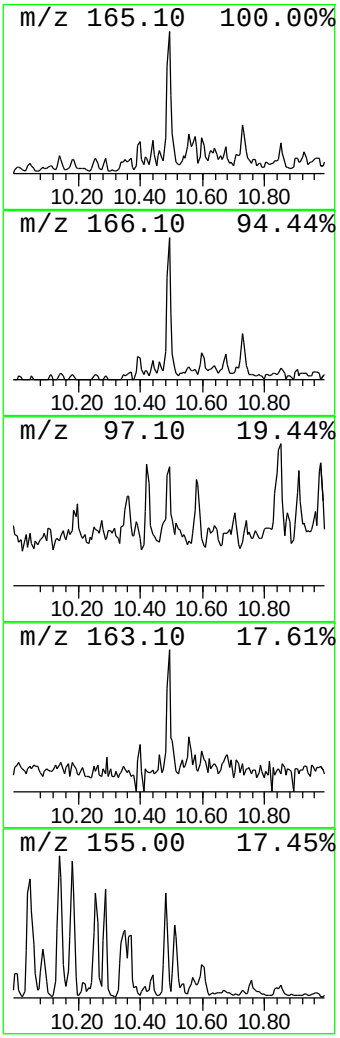
Peak Number 10 4,6,8-Trimethylazulene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.49	3.83 ng	150688	Acenaphthene-d10	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	86
2	Fluorene	166	C13H10	000086-73-7	80
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	70
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	60
5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	60





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ClientSampleId : G-64A-0-1.5

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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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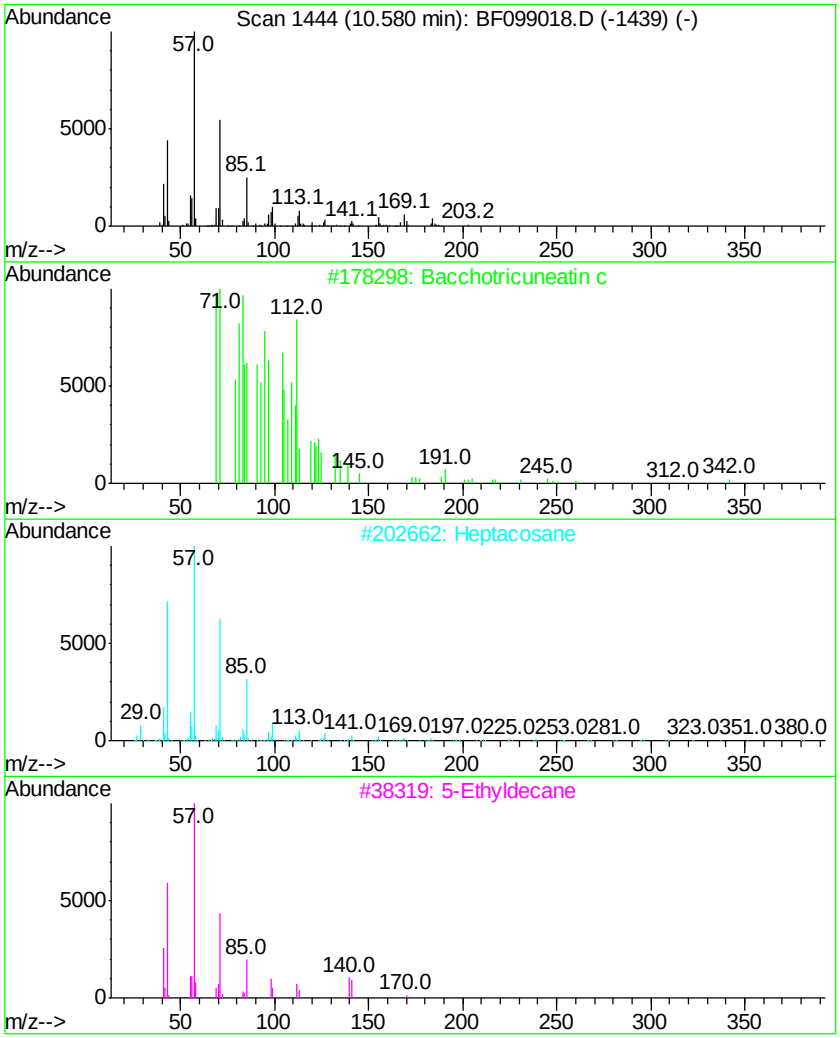
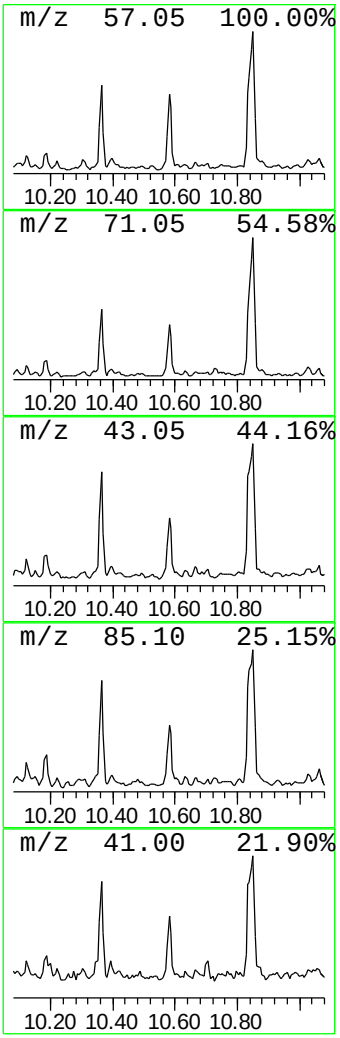
Peak Number 11 Bacchotricuneatin c Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.58	4.68 ng	184401	Acenaphthene-d10	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bacchotricuneatin c	342	C20H22O5	066563-30-2	97
2	Heptacosane	380	C27H56	000593-49-7	80
3	5-Ethyldecane	170	C12H26	017302-36-2	72
4	Dodecane	170	C12H26	000112-40-3	68
5	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	64





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ClientSampleId : G-64A-0-1.5

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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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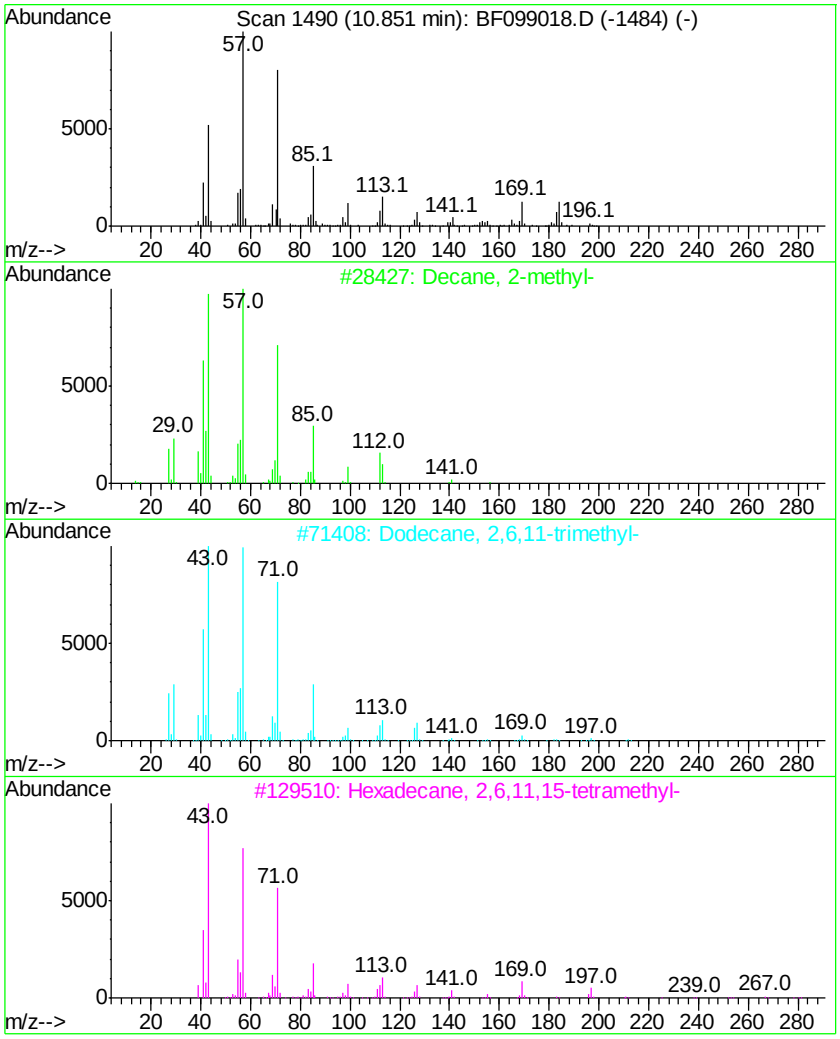
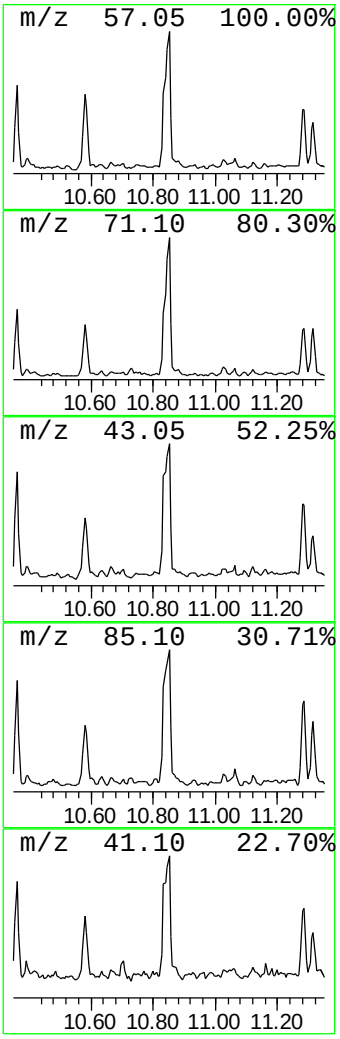
Peak Number 12 Decane, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.85	15.17 ng	587100	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2-methyl-	156	C11H24	006975-98-0	80
2	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72
3	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	72
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
5	Tridecane	184	C13H28	000629-50-5	72





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Instrument : BNA_F
ClientSampleId : G-64A-0-1.5

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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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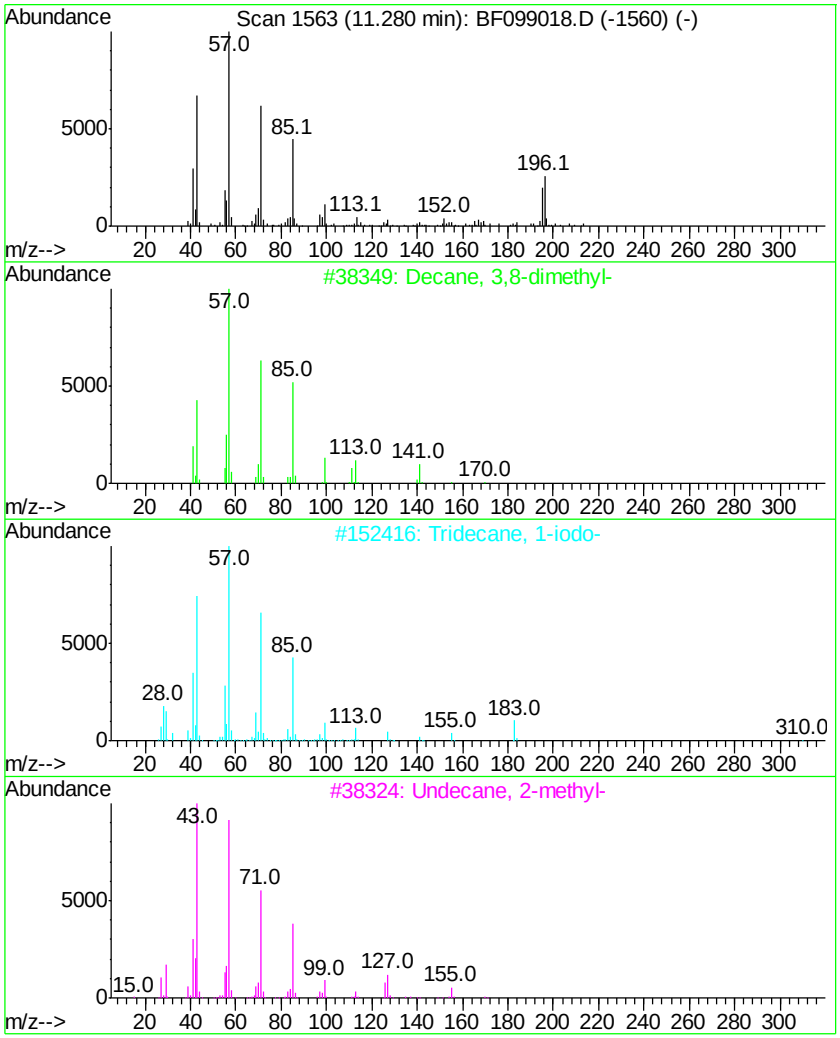
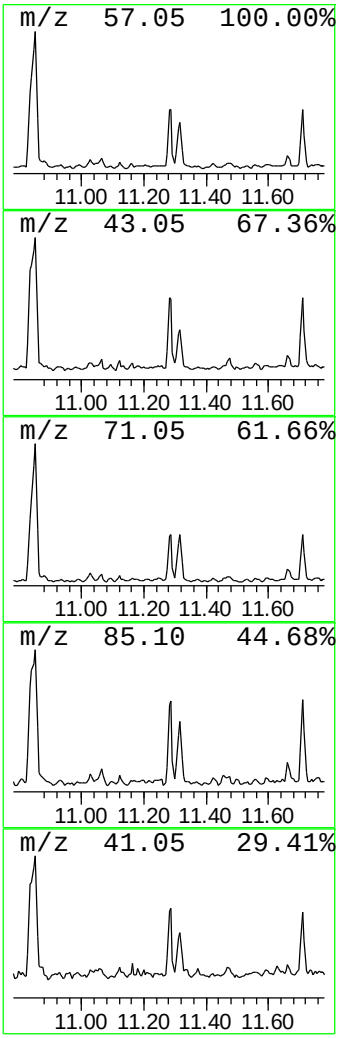
Peak Number 13 Decane, 3,8-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.28	5.30 ng	204932	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	64
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	58
3	Undecane, 2-methyl-	170	C12H26	007045-71-8	52
4	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	49
5	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	47





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

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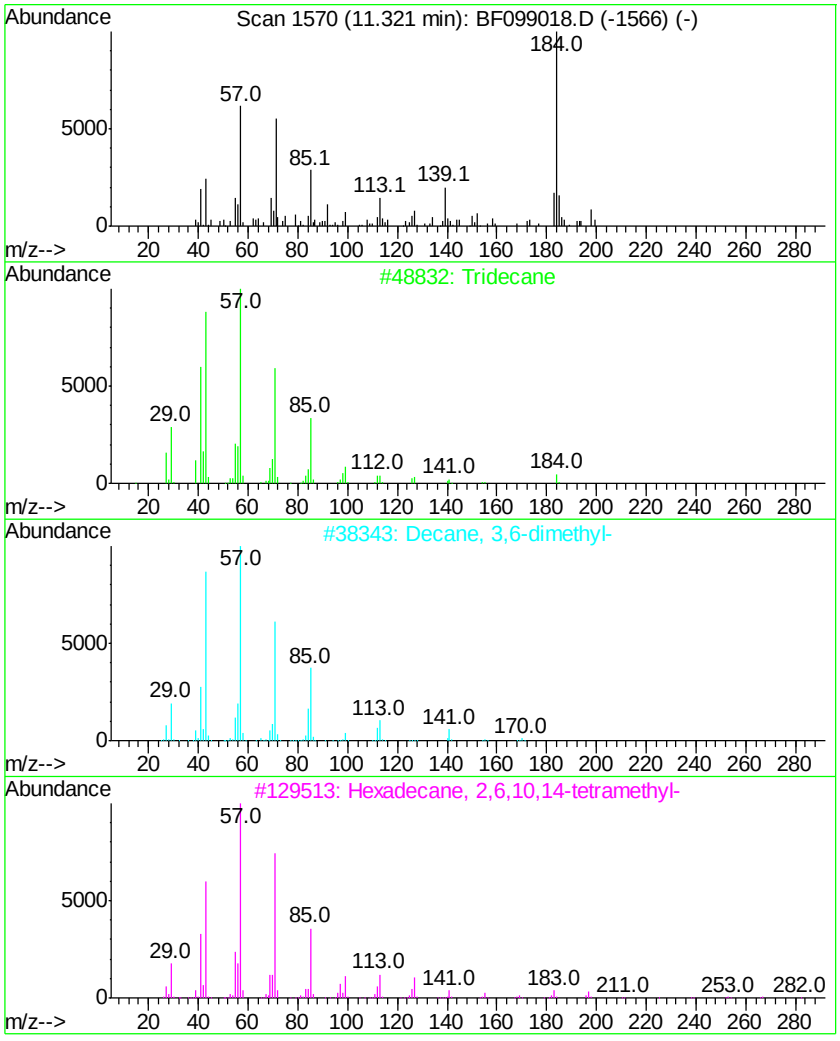
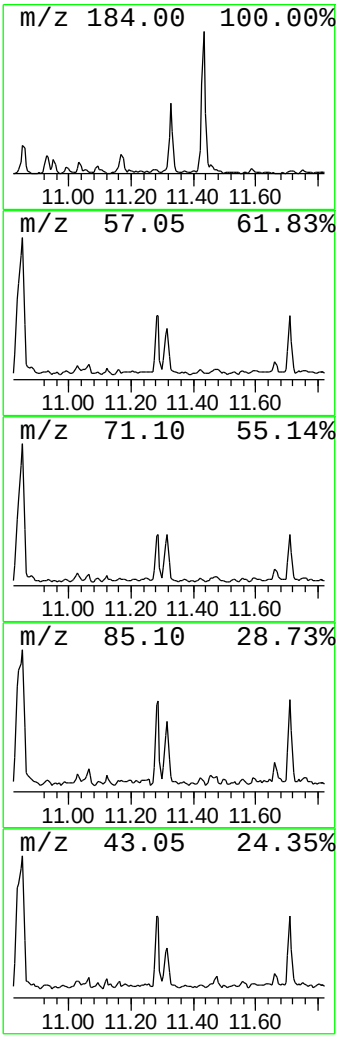
Peak Number 14 Tridecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.32	5.90 ng	228155	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	90
2	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	87
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	87
4	Tetradecane	198	C14H30	000629-59-4	87
5	Tritetracontane	605	C43H88	007098-21-7	86





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

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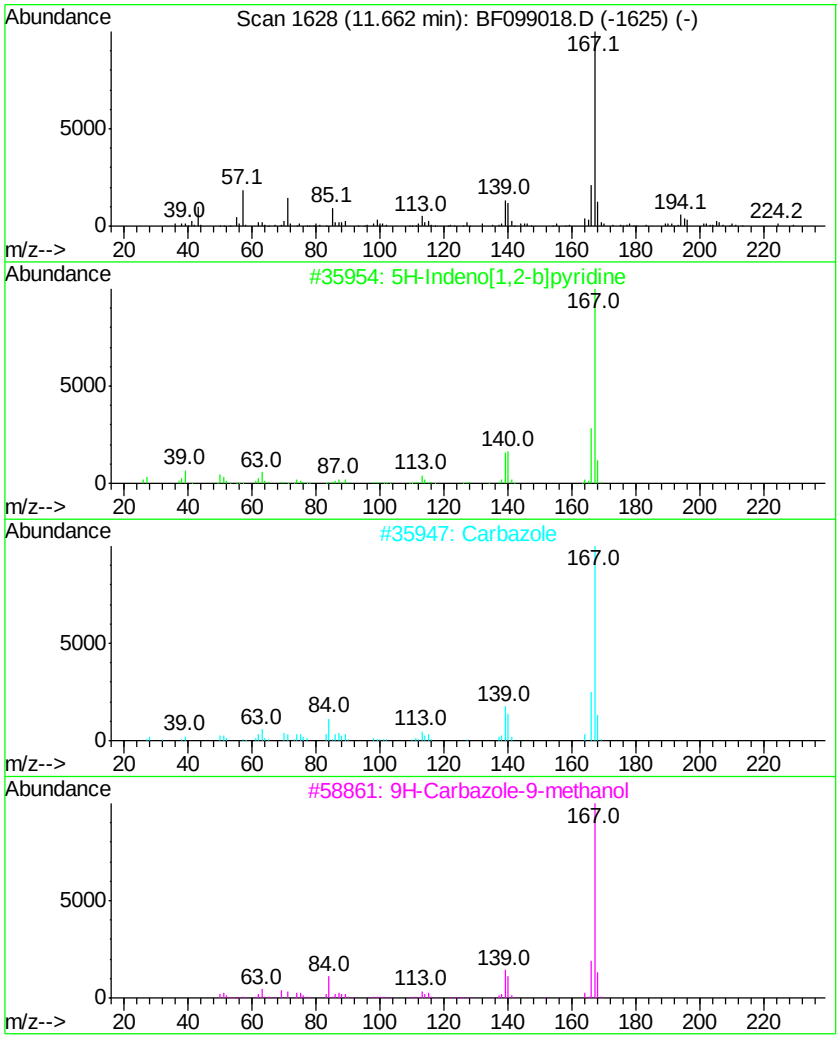
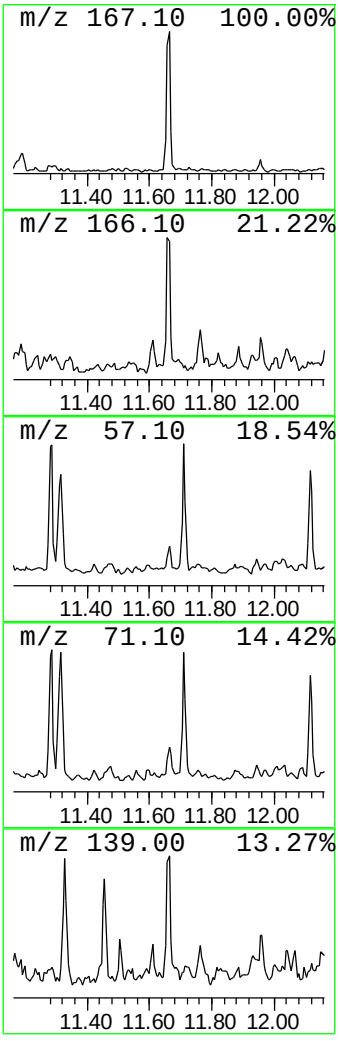
Peak Number 15 5H-Indeno[1,2-b]pyridine Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.66	4.01 ng	155004	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	87
2	Carbazole	167	C12H9N	000086-74-8	87
3	9H-Carbazole-9-methanol	197	C13H11NO	002409-36-1	80
4	D-Galactitol, 2-(acetylmethylami...	363	C16H29NO8	074410-42-7	80
5	9H-Carbazole, 9-nitroso-	196	C12H8N2O	002788-23-0	72





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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, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	5.05 ng	195453	Phenanthrene-d10	11.43

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	95
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
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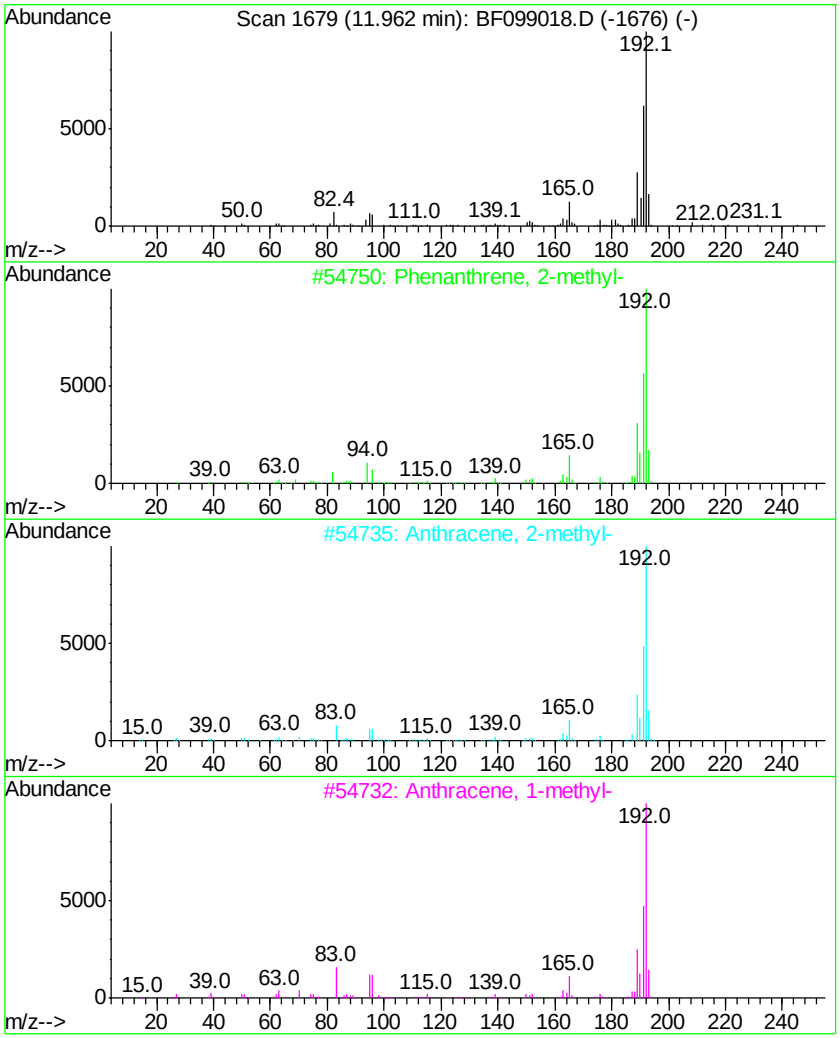

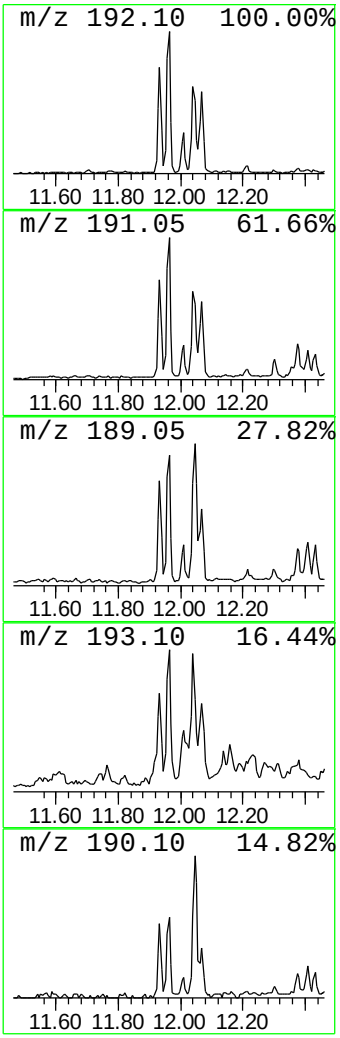

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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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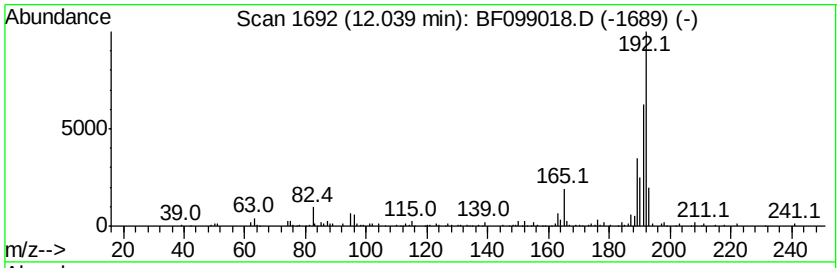
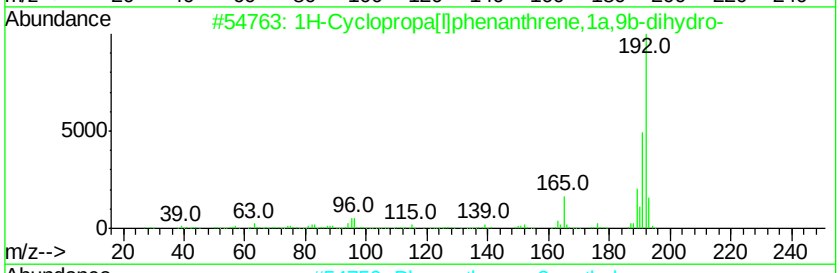
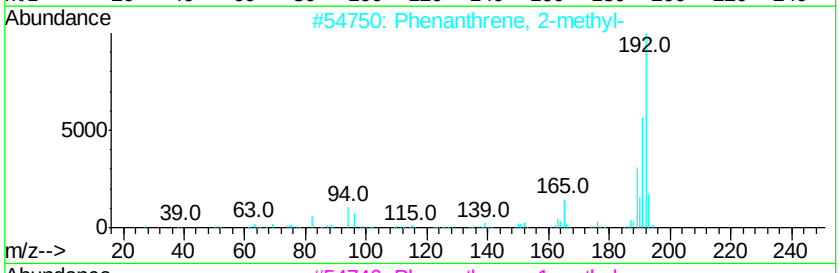
Peak Number 18 1H-Cyclopropa[l]phenanthren... Concentration Rank 16

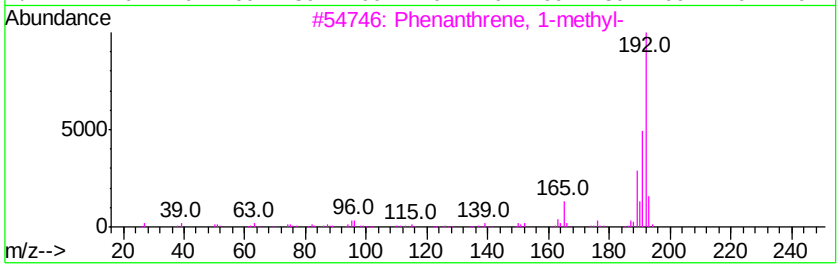
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	4.47 ng	172827	Phenanthrene-d10	11.43

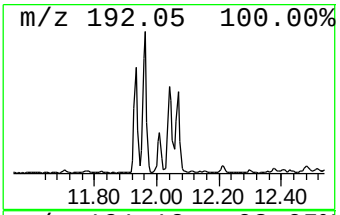
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	89

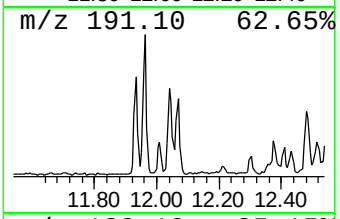


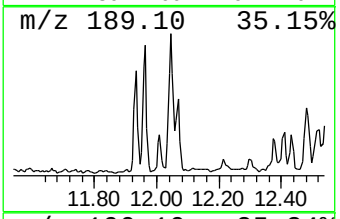


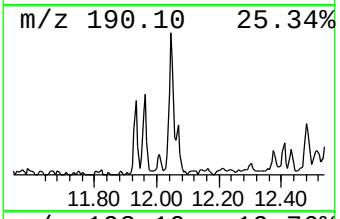


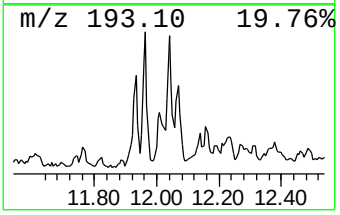












Data Path : Z:\HPCHEM1\BNA F\DATA\BF100217\
Data File : BF099018.D
Acq On : 2 Oct 2017 23:47
Operator : SJ/JU
Sample : I5532-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-64A-0-1.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

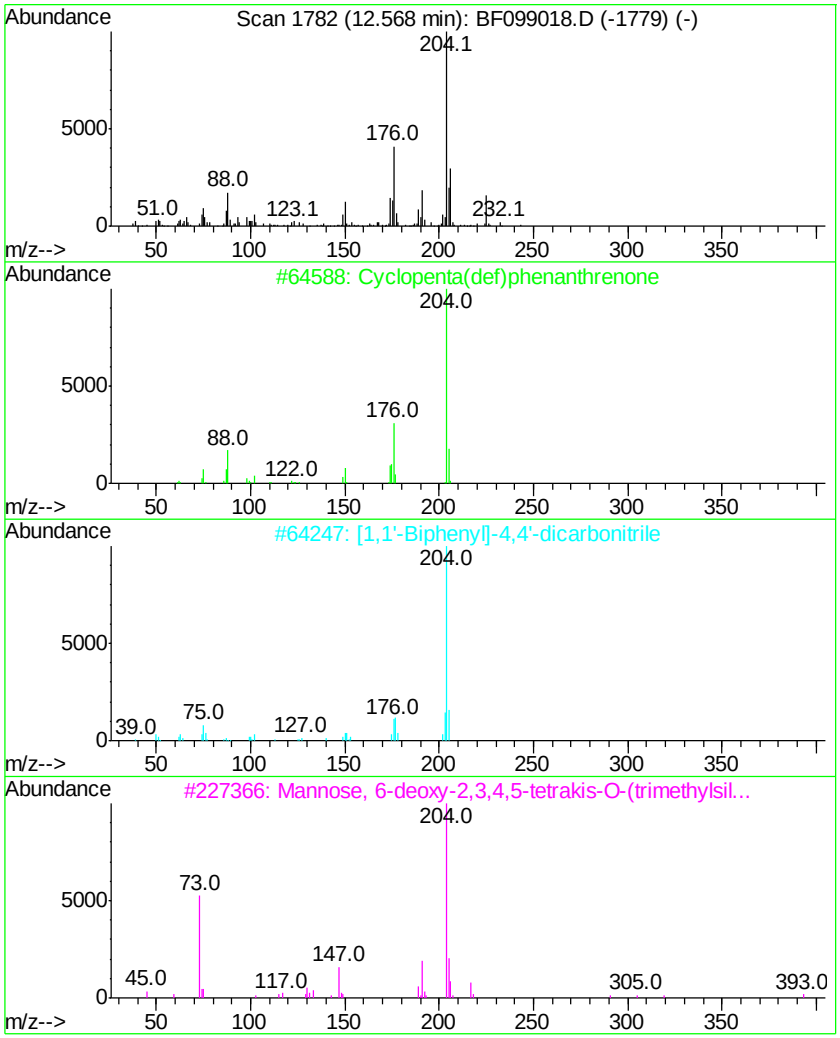
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

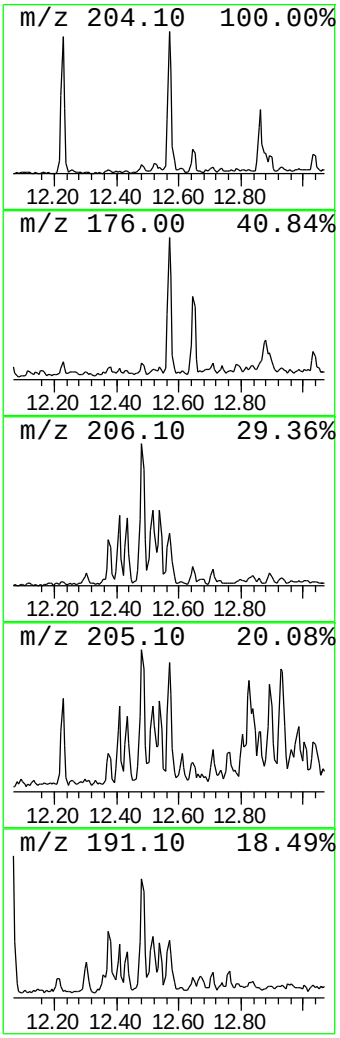
****

Peak Number 19 Cyclopenta(def)phenanthrenone Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	3.96 ng	153167	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	50
3	Mannose, 6-deoxy-2,3,4,5-tetraki...	452	C18H44O5Si4	019127-15-2	43
4	L-(+)-Rhamnopyranose, tetrakis(t...	452	C18H44O5Si4	1000380-12-9	43
5	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100217\
Data File : BF099018.D
Acq On : 2 Oct 2017 23:47
Operator : SJ/JU
Sample : I5532-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-64A-0-1.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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
2-Pentanone, 4-hy...	5.12	9.2	ng	353177	1	6.90	764172	20.0
unknown6.67	6.67	41.8	ng	1598280	1	6.90	764172	20.0
Naphthalene, 1-me...	9.00	5.3	ng	245460	2	8.19	930450	20.0
Tetradecane	9.33	5.9	ng	233848	3	9.94	787542	20.0
Naphthalene, 2,6-...	9.53	8.7	ng	341756	3	9.94	787542	20.0
Naphthalene, 2,3-...	9.60	7.3	ng	286536	3	9.94	787542	20.0
Hexadecane	9.86	5.0	ng	198127	3	9.94	787542	20.0
Dodecane, 1-iodo-	10.36	8.5	ng	333582	3	9.94	787542	20.0
4,6,8-Trimethylaz...	10.49	3.8	ng	150688	3	9.94	787542	20.0
Bacchotricuneatin c	10.58	4.7	ng	184401	3	9.94	787542	20.0
Decane, 2-methyl-	10.85	15.2	ng	587100	4	11.43	773990	20.0
Decane, 3,8-dimet...	11.28	5.3	ng	204932	4	11.43	773990	20.0
Tridecane	11.32	5.9	ng	228155	4	11.43	773990	20.0
5H-Indeno[1,2-b]p...	11.66	4.0	ng	155004	4	11.43	773990	20.0
Phenanthrene, 2-m...	11.96	5.0	ng	195453	4	11.43	773990	20.0
1H-Cyclopropa[l]p...	12.04	4.5	ng	172827	4	11.43	773990	20.0
Cyclopenta(def)ph...	12.57	4.0	ng	153167	4	11.43	773990	20.0