LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100617\
Data File : BF099178.D
Acq On : 7 Oct 2017 6:07
Operator : SJ/JU
Sample : I5565-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RH-1

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	2.157	7	12	18	rVB	153303	187520	5.56%	0.391%
2	5.092	504	511	525	rBV	514085	770266	22.82%	1.606%
3	5.457	570	573	574	rBV	169565	148467	4.40%	0.310%
4	5.492	574	579	582	rVB	2637337	2782233	82.44%	5.802%
5	5.716	613	617	620	rBV2	184044	184369	5.46%	0.384%
6	6.022	665	669	673	rBV2	106315	115903	3.43%	0.242%
7	6.116	679	685	690	rBV4	86243	154781	4.59%	0.323%
8	6.386	729	731	734	rBV2	127042	136682	4.05%	0.285%
9	6.498	745	750	753	rVV	2526535	2873037	85.13%	5.991%
10	6.633	769	773	777	rVV	2877776	3028785	89.75%	6.316%
11	6.686	779	782	786	rBV2	314696	298070	8.83%	0.622%
12	6.863	809	812	815	rVV	1070884	868197	25.73%	1.810%
13	6.916	818	821	824	rBV	110709	100742	2.99%	0.210%
14	7.022	833	839	842	rBV	2841019	2568859	76.12%	5.357%
15	7.257	873	879	884	rBV4	97776	167000	4.95%	0.348%
16	7.428	904	908	911	rVV	1858588	2127550	63.04%	4.436%
17	7.451	911	912	916	rVB	225712	130341	3.86%	0.272%
18	7.504	916	921	924	rVB5	90182	107577	3.19%	0.224%
19	7.628	936	942	945	rVV5	68306	119375	3.54%	0.249%
20	8.116	1022	1025	1027	rBV	232283	214774	6.36%	0.448%
21	8.145	1027	1030	1032	rVV	1307058	1126070	33.37%	2.348%
22	8.163	1032	1033	1036	rVV	423625	327106	9.69%	0.682%
23	8.198	1036	1039	1041	rVB	220935	193306	5.73%	0.403%
24	8.427	1075	1078	1083	rVB5	91633	122908	3.64%	0.256%
25	8.492	1083	1089	1091	rBV6	72126	122691	3.64%	0.256%
26	8.516	1091	1093	1097	rVV4	91744	122813	3.64%	0.256%
27	8.557	1097	1100	1103	rVV	451086	384862	11.40%	0.803%
28	8.727	1126	1129	1132	rBV	326191	246779	7.31%	0.515%
29	8.857	1148	1151	1154	rVB	732237	545611	16.17%	1.138%
30	8.957	1164	1168	1171	rBV	615305	518627	15.37%	1.081%
31	9.157	1200	1202	1204	rVV	274520	188949	5.60%	0.394%
32	9.222	1207	1213	1216	rBV	3605922	3374765	100.00%	7.037%
33	9.292	1221	1225	1227	rBV	383233	320161	9.49%	0.668%
34	9.316	1227	1229	1232	rVV	117380	95959	2.84%	0.200%

LSC Area Percent Report

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Acq On : 7 Oct 2017 6:07
Operator : SJ/JU
Sample : I5565-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RH-1

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	9.416	1243	1246	1250	rBV	102067	146181	4.33%	0.305%
36	9.486	1253	1258	1261	rVB2	228503	294563	8.73%	0.614%
37	9.557	1266	1270	1272	rVV	460941	479955	14.22%	1.001%
38	9.580	1272	1274	1276	rVV	407417	334886	9.92%	0.698%
39	9.610	1276	1279	1282	rVV	982056	873838	25.89%	1.822%
40	9.674	1286	1290	1291	rBV	314872	282508	8.37%	0.589%
41	9.757	1302	1304	1307	rVB	201480	163848	4.86%	0.342%
42	9.822	1307	1315	1318	rBV	405520	393944	11.67%	0.821%
43	9.874	1318	1324	1325	rVV3	147395	138496	4.10%	0.289%
44	9.898	1325	1328	1332	rVV	1296075	1146166	33.96%	2.390%
45	9.998	1342	1345	1349	rVB2	113090	153994	4.56%	0.321%
46	10.051	1349	1354	1356	rBV4	133847	196558	5.82%	0.410%
47	10.098	1356	1362	1365	rVV2	328125	369659	10.95%	0.771%
48	10.139	1365	1369	1373	rVB2	243066	254609	7.54%	0.531%
49	10.210	1378	1381	1384	rBV	231008	231174	6.85%	0.482%
50	10.239	1384	1386	1388	rVV	153912	117740	3.49%	0.246%
51	10.304	1392	1397	1398	rBV2	345386	375192	11.12%	0.782%
52	10.321	1398	1400	1403	rVB	525269	378310	11.21%	0.789%
53	10.439	1416	1420	1422	rBV	332375	304626	9.03%	0.635%
54	10.539	1432	1437	1443	rVV2	261411	355273	10.53%	0.741%
55	10.598	1443	1447	1452	rVV4	181343	240874	7.14%	0.502%
56	10.657	1455	1457	1459	rVV3	101308	113332	3.36%	0.236%
57	10.686	1459	1462	1466	rVV	1565205	1626924	48.21%	3.393%
58	10.804	1477	1482	1486	rBV2	953283	1163418	34.47%	2.426%
59	10.986	1508	1513	1516	rBV5	89270	147965	4.38%	0.309%
60	11.121	1531	1536	1545	rBV3	248666	549340	16.28%	1.146%
61	11.192	1545	1548	1550	rVV2	127541	146275	4.33%	0.305%
62	11.239	1552	1556	1558	rVV2	505824	498830	14.78%	1.040%
63	11.268	1558	1561	1568	rVB4	177048	279112	8.27%	0.582%
64	11.386	1577	1581	1583	rBV	1055274	924478	27.39%	1.928%
65	11.410	1583	1585	1588	rVV	498774	425287	12.60%	0.887%
66	11.563	1605	1611	1613	rBV5	100397	165647	4.91%	0.345%
67	11.616	1617	1620	1623	rBV2	85779	115740	3.43%	0.241%
68	11.668	1626	1629	1632	rVB	343363	295924	8.77%	0.617%
69	11.886	1663	1666	1668	rBV	190383	189560	5.62%	0.395%
70	11.910	1668	1670	1674	rVB	337228	351463	10.41%	0.733%
71	11.957	1675	1678	1681	rBV3	82223	104760	3.10%	0.218%

LSC Area Percent Report

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Acq On : 7 Oct 2017 6:07
Operator : SJ/JU
Sample : I5565-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RH-1

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	11.992	1681	1684	1687	rVV	296441	324445	9.61%	0.677%
73	12.021	1687	1689	1692	rVB	217911	169707	5.03%	0.354%
74	12.074	1695	1698	1700	rVV	340170	295864	8.77%	0.617%
75	12.180	1713	1716	1718	rBV2	132456	119365	3.54%	0.249%
76	12.433	1756	1759	1761	rBV	249600	243601	7.22%	0.508%
77	12.463	1761	1764	1767	rVV2	383144	387922	11.49%	0.809%
78	12.492	1767	1769	1771	rVV	144300	107246	3.18%	0.224%
79	12.521	1771	1774	1779	rVB2	121426	153191	4.54%	0.319%
80	12.598	1784	1787	1792	rVB	328836	270894	8.03%	0.565%
81	12.780	1815	1818	1821	rBV2	147985	154531	4.58%	0.322%
82	12.833	1824	1827	1832	rVV3	384103	470700	13.95%	0.982%
83	12.880	1832	1835	1839	rVB2	152644	180982	5.36%	0.377%
84	12.968	1846	1850	1853	rBV	2043212	1810773	53.66%	3.776%
85	13.127	1874	1877	1880	rBV	103724	127966	3.79%	0.267%
86	13.186	1884	1887	1891	rBV2	258024	220461	6.53%	0.460%
87	13.527	1942	1945	1951	rBV2	207559	212920	6.31%	0.444%
88	13.857	1998	2001	2007	rVB2	320920	385461	11.42%	0.804%
89	14.027	2025	2030	2032	rBV2	653452	731850	21.69%	1.526%
90	14.051	2032	2034	2036	rVB	140810	106617	3.16%	0.222%
91	14.174	2052	2055	2064	rVB3	206297	242329	7.18%	0.505%
92	14.480	2104	2107	2113	rVB2	203945	216826	6.42%	0.452%
93	14.786	2156	2159	2162	rVB2	106197	100462	2.98%	0.209%
94	15.068	2204	2207	2213	rVV	133003	213148	6.32%	0.444%
95	15.121	2213	2216	2223	rVB3	147417	169167	5.01%	0.353%
96	15.374	2256	2259	2265	rVB	130294	168959	5.01%	0.352%
97	15.439	2267	2270	2275	rVB	109423	131246	3.89%	0.274%
98	15.503	2276	2281	2287	rBV	597739	776174	23.00%	1.619%
99	15.939	2351	2355	2360	rVB2	132979	201833	5.98%	0.421%
100	16.445	2437	2441	2448	rVB2	93614	156121	4.63%	0.326%

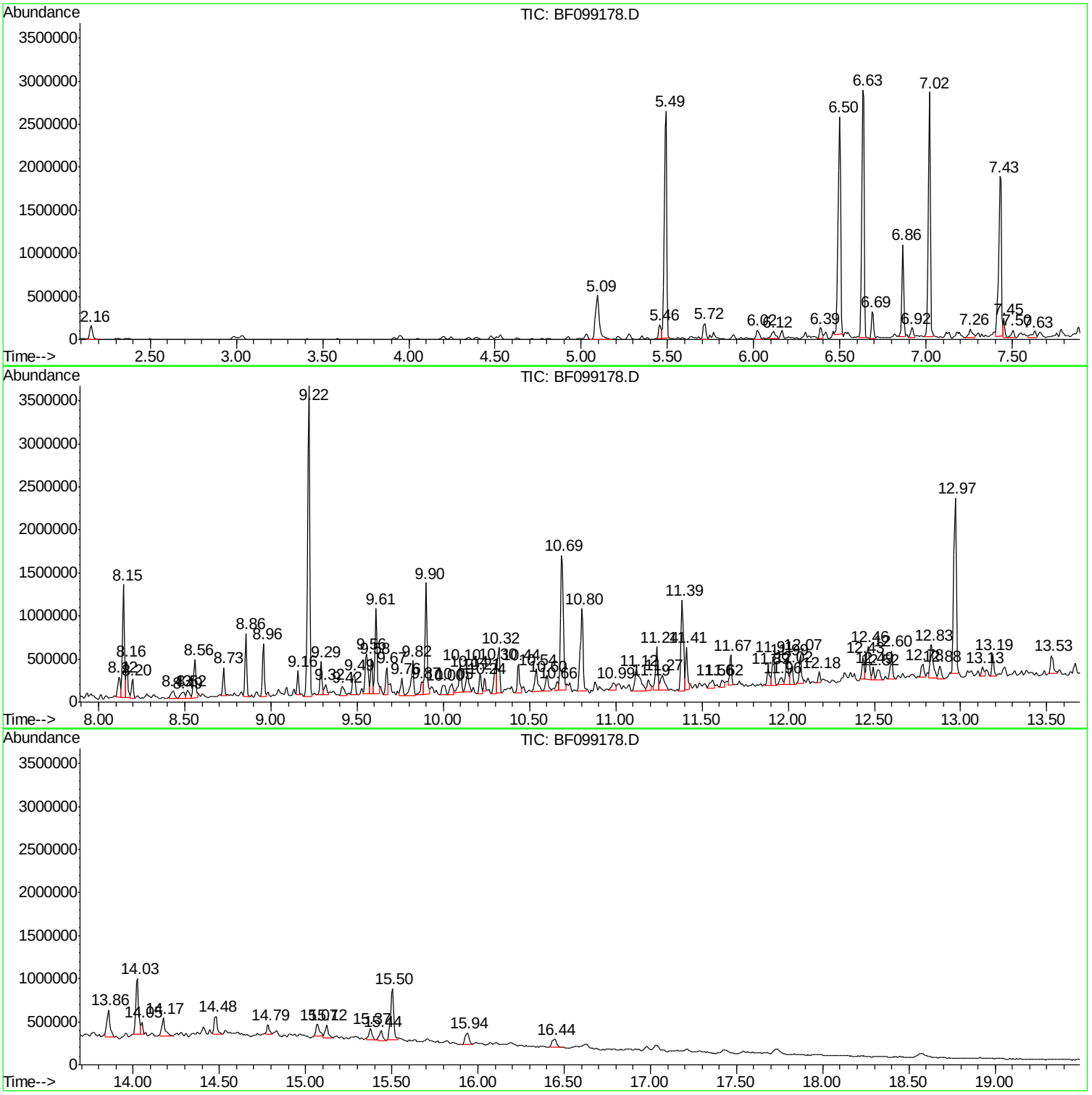
Sum of corrected areas: 47956345

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100617\
Data File : BF099178.D
Acq On : 7 Oct 2017 6:07
Operator : SJ/JU
Sample : I5565-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RH-1

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



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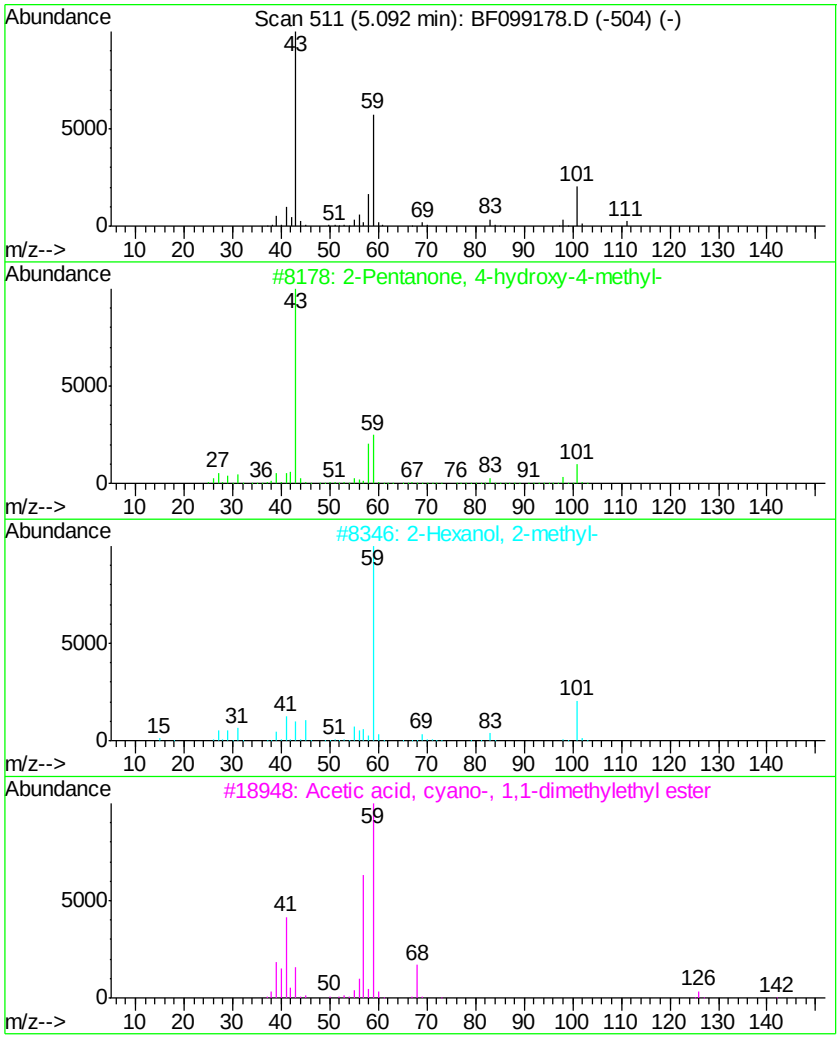
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

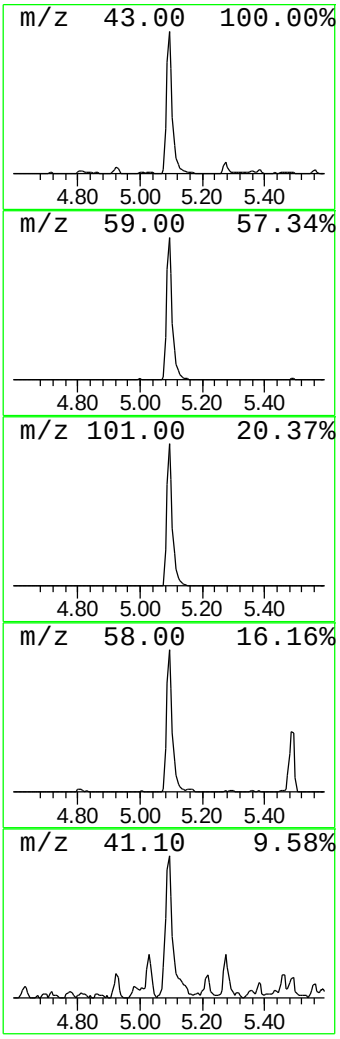
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.09	17.74 ng	770266	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	25
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	17
5	5-Oxohexanenitrile	111	C6H9NO	010412-98-3	14





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100617\
Data File : BF099178.D
Acq On : 7 Oct 2017 6:07
Operator : SJ/JU
Sample : I5565-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RH-1

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

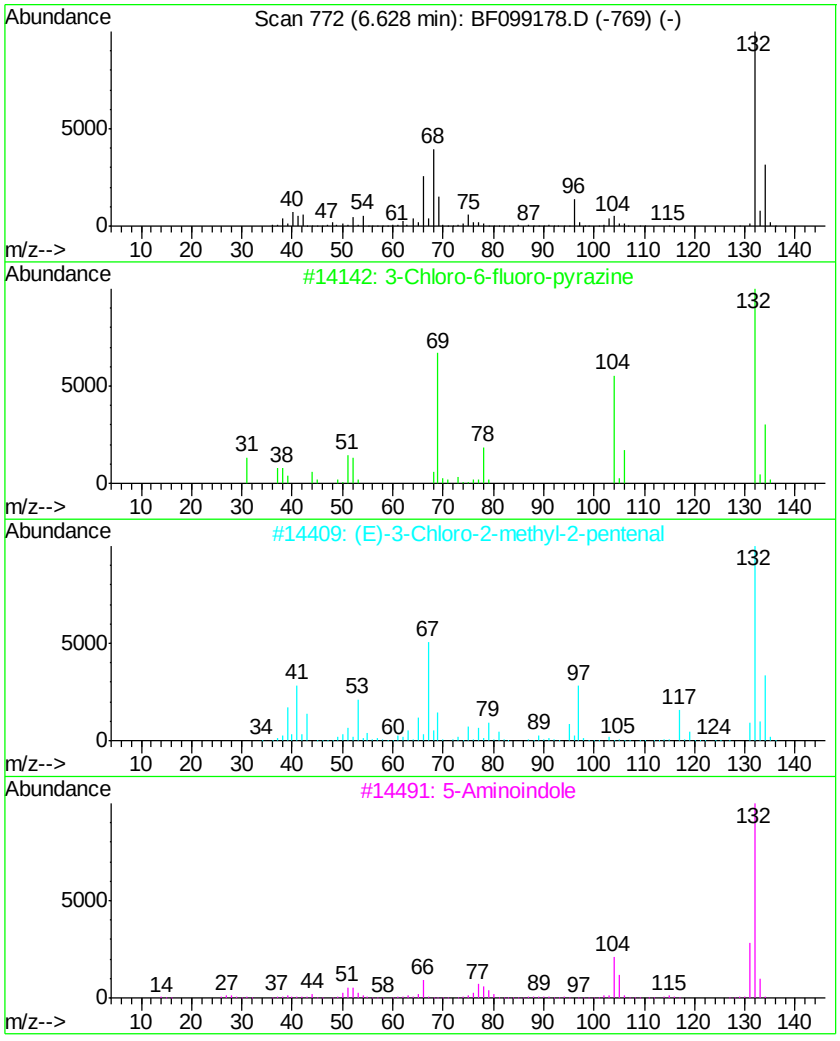
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

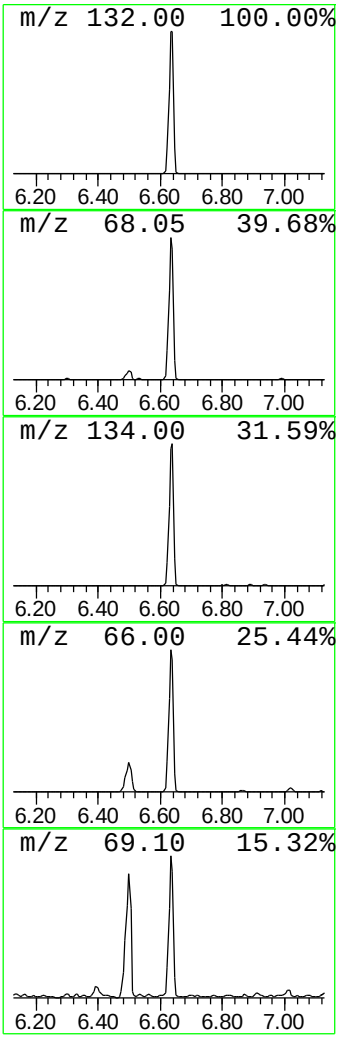
****

Peak Number 2 unknown6.63 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	69.77 ng	3028790	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10





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Sample : I5565-01
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Instrument : BNA_F
ClientSampleId : RH-1

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

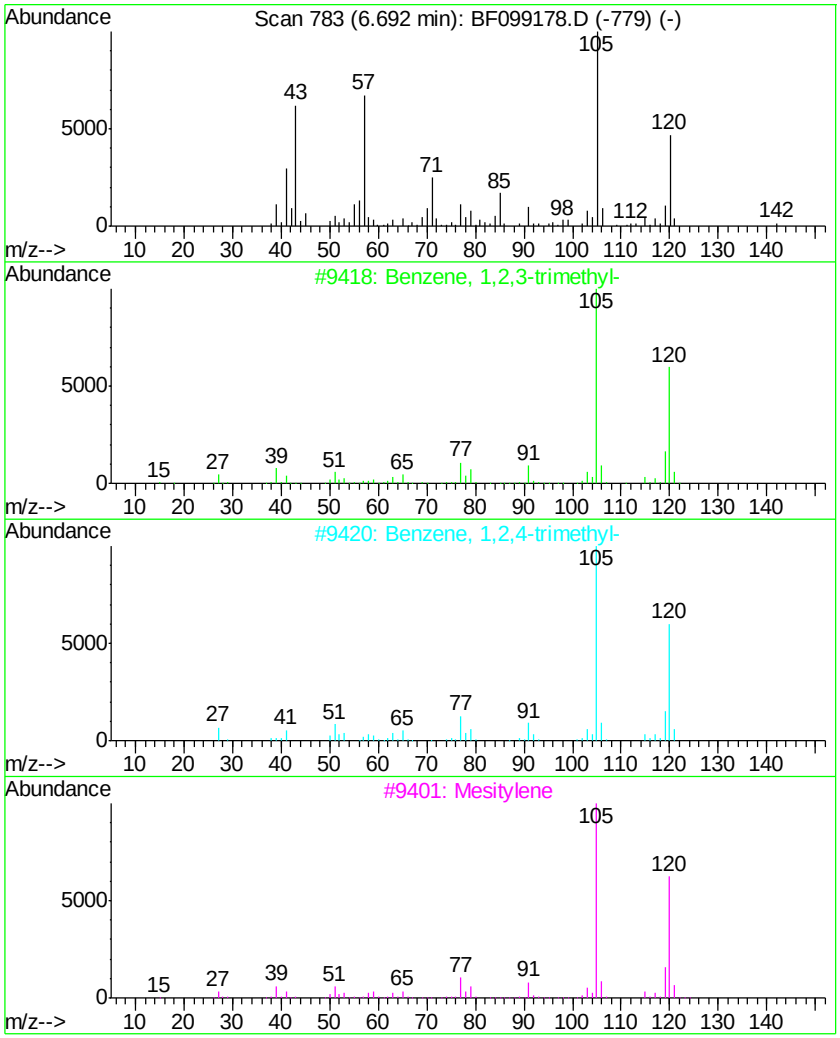
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

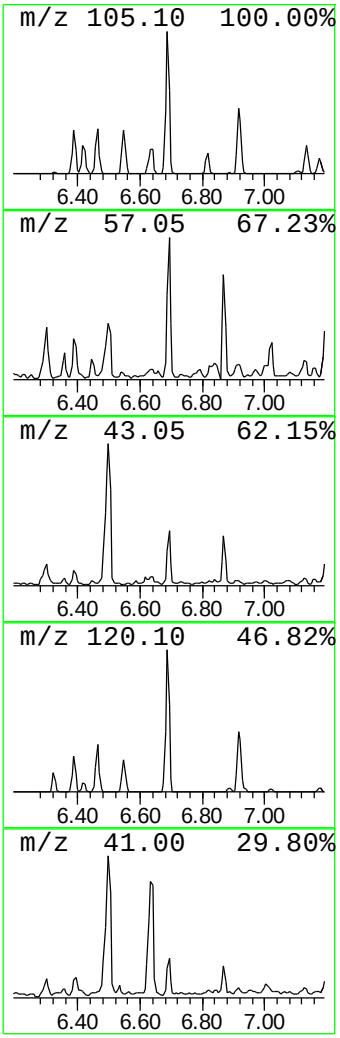
****

Peak Number 3 Benzene, 1,2,3-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.69	6.87 ng	298070	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3	Mesitylene	120	C9H12	000108-67-8	93
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	81





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100617\
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Sample : I5565-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RH-1

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

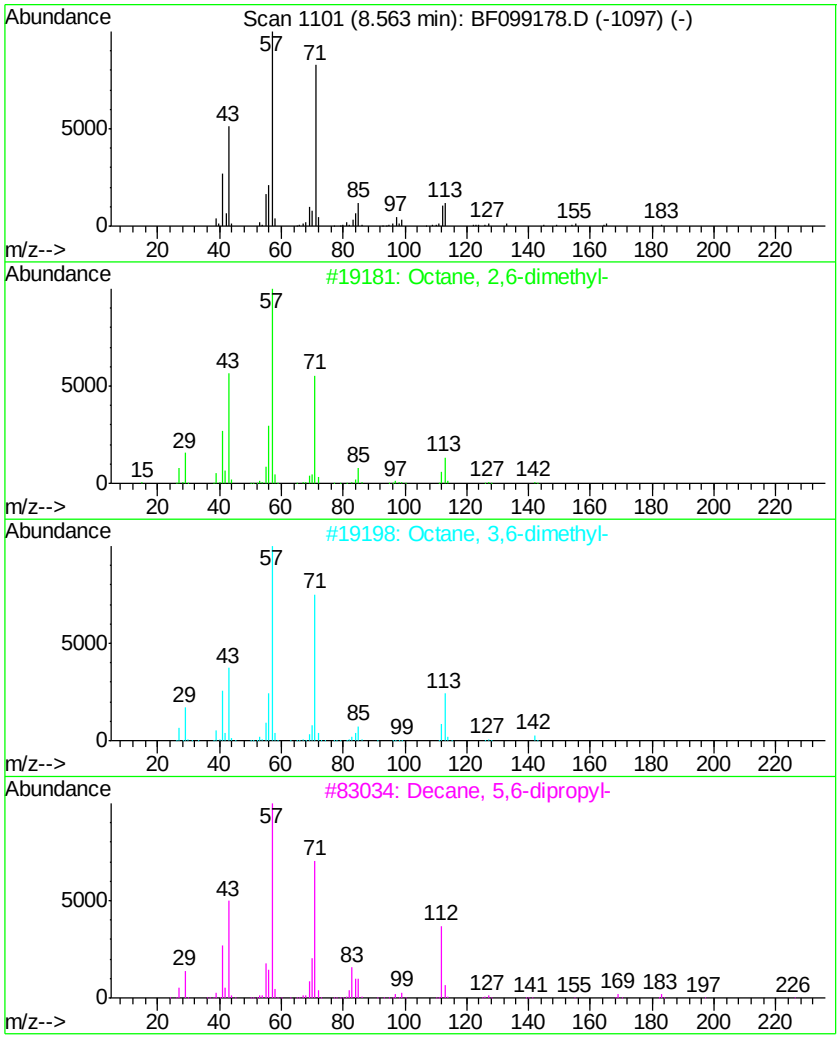
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

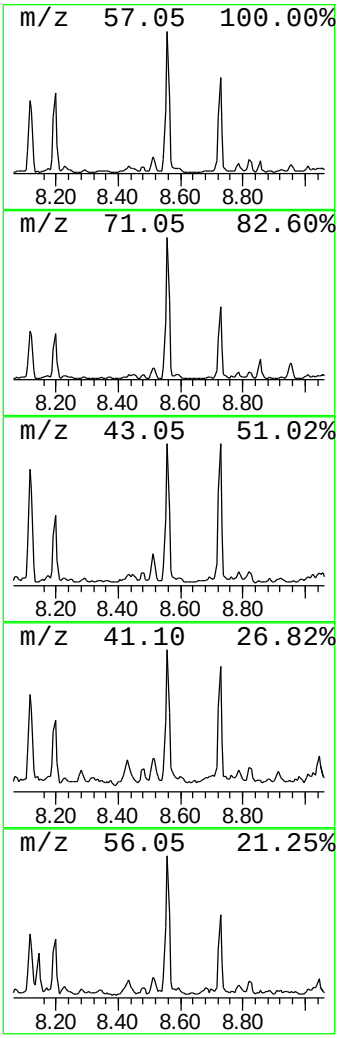
****

Peak Number 5 Octane, 2,6-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.56	6.84 ng	384862	Naphthalene-d8	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	90
2	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	83
3	Decane, 5,6-dipropyl-	226	C16H34	119209-20-0	78
4	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	78
5	Oxalic acid, 2-ethylhexyl ethyl ...	230	C12H22O4	1000309-38-4	72





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100617\
Data File : BF099178.D
Acq On : 7 Oct 2017 6:07
Operator : SJ/JU
Sample : I5565-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RH-1

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

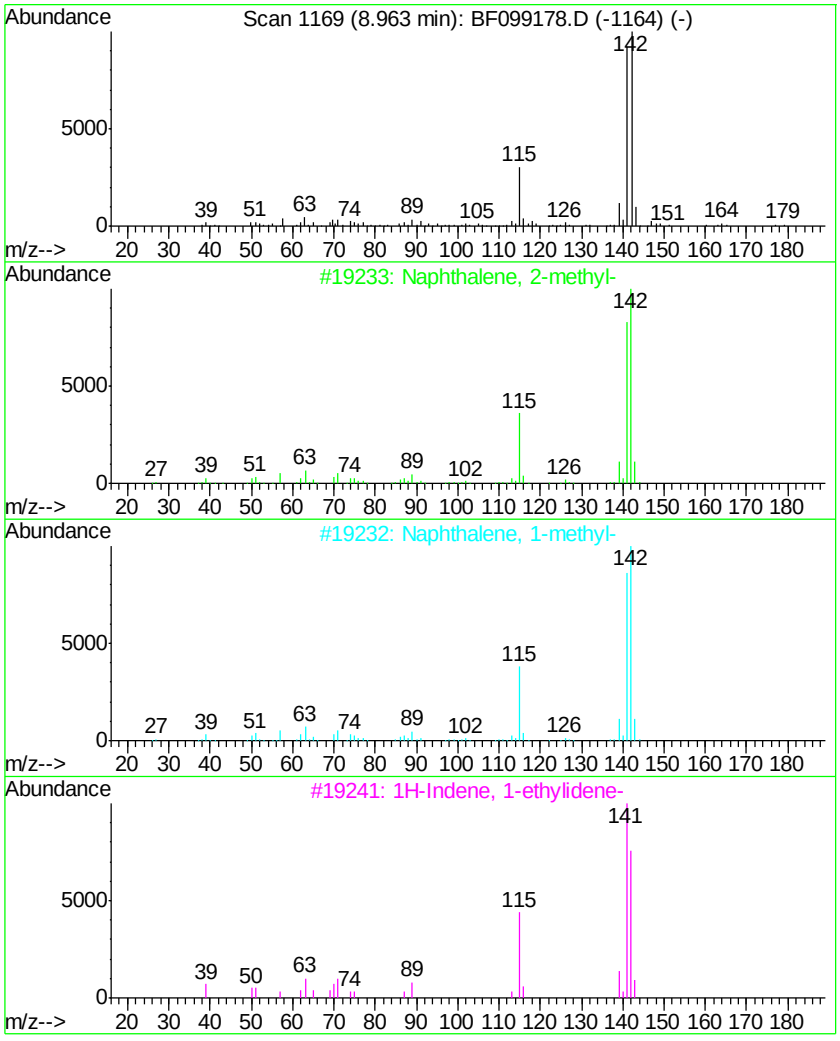
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

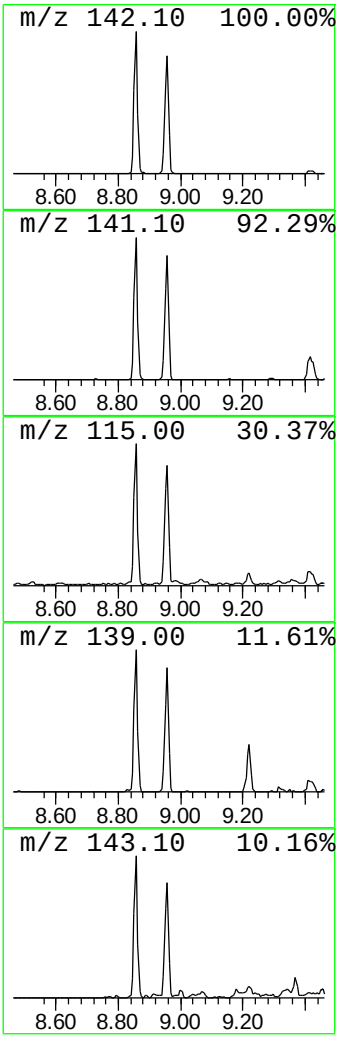
****

Peak Number 6 Naphthalene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.96	9.21 ng	518627	Naphthalene-d8	8.15

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	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	94
4	Benzocycloheptatriene	142	C11H10	000264-09-5	91
5	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91





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Acq On : 7 Oct 2017 6:07
Operator : SJ/JU
Sample : I5565-01
Misc :
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Instrument : BNA_F
ClientSampleId : RH-1

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

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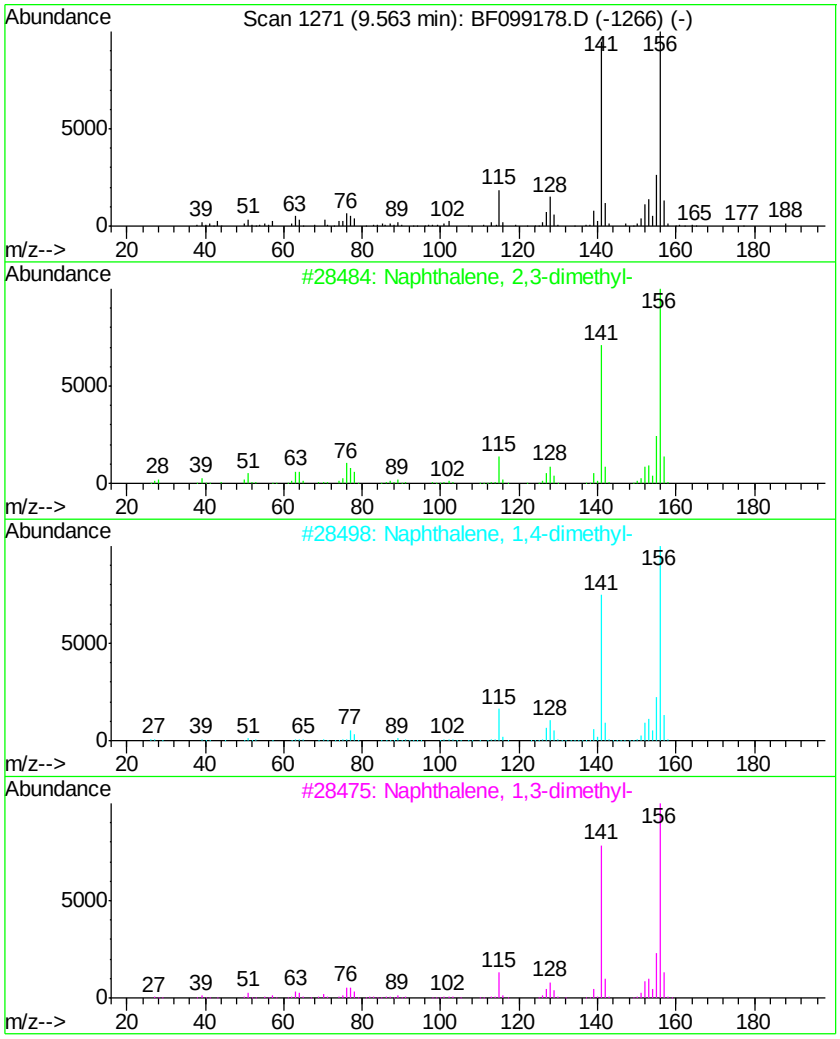
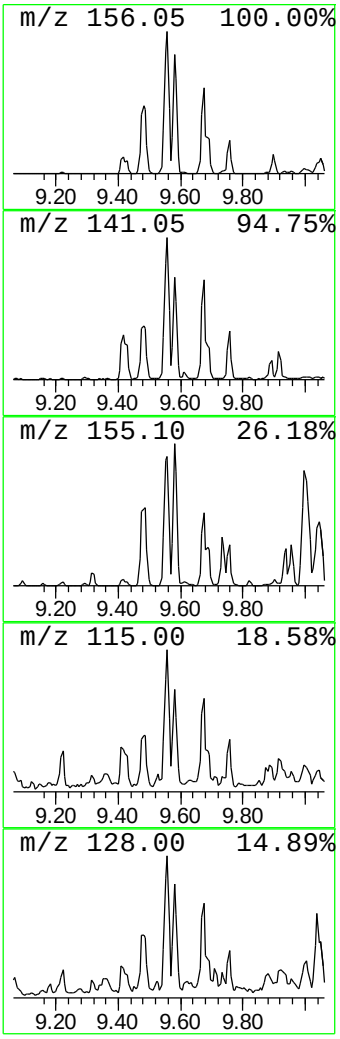
Peak Number 7 Naphthalene, 2,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.56	8.37 ng	479955	Acenaphthene-d10	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96





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Sample : I5565-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RH-1

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

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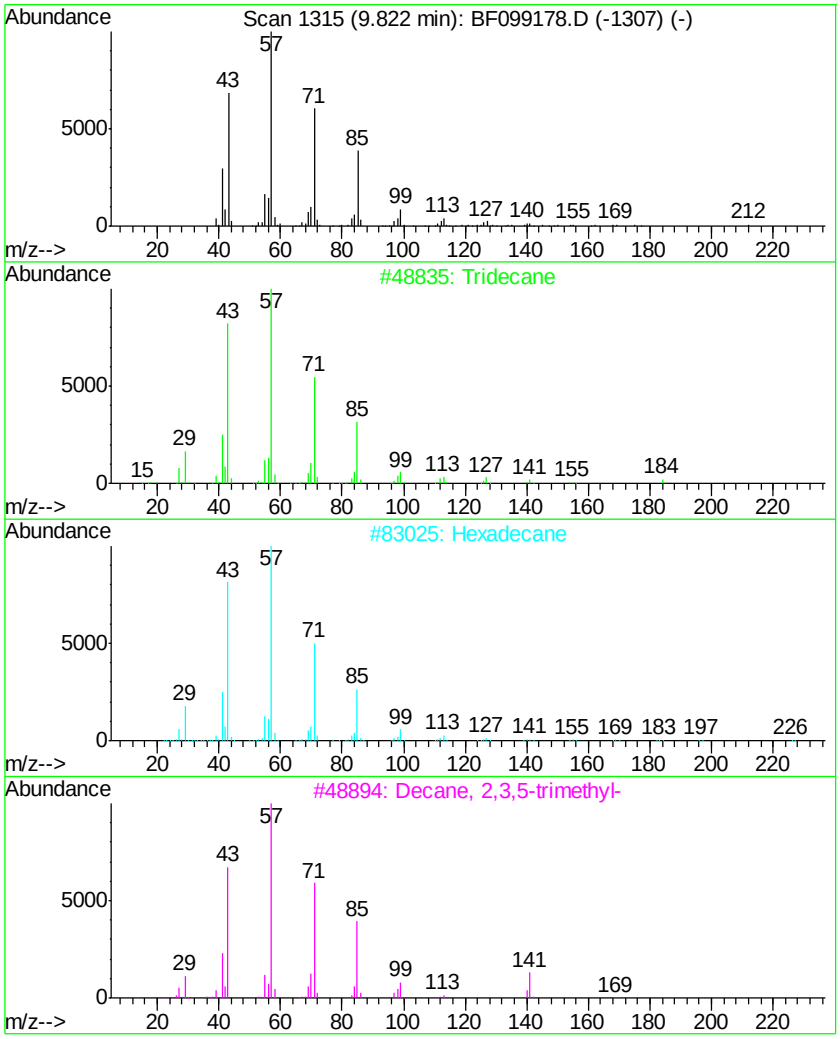
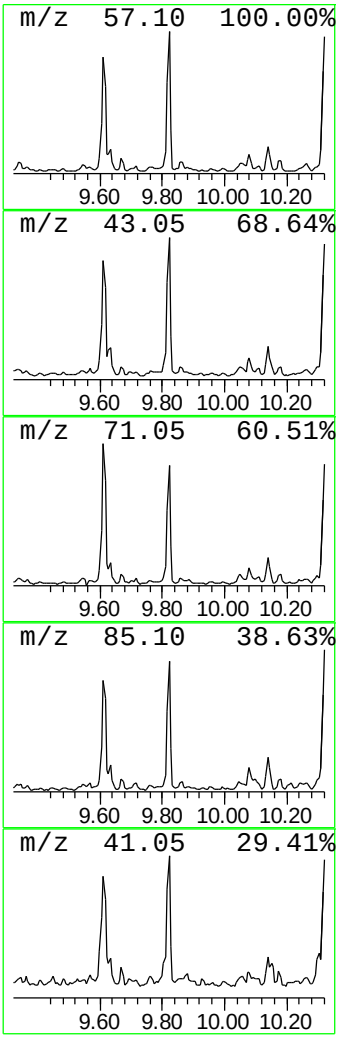
Peak Number 8 Tridecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.82	6.87 ng	393944	Acenaphthene-d10	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	90
2	Hexadecane	226	C16H34	000544-76-3	90
3	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83
4	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	72
5	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	72





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ClientSampleId : RH-1

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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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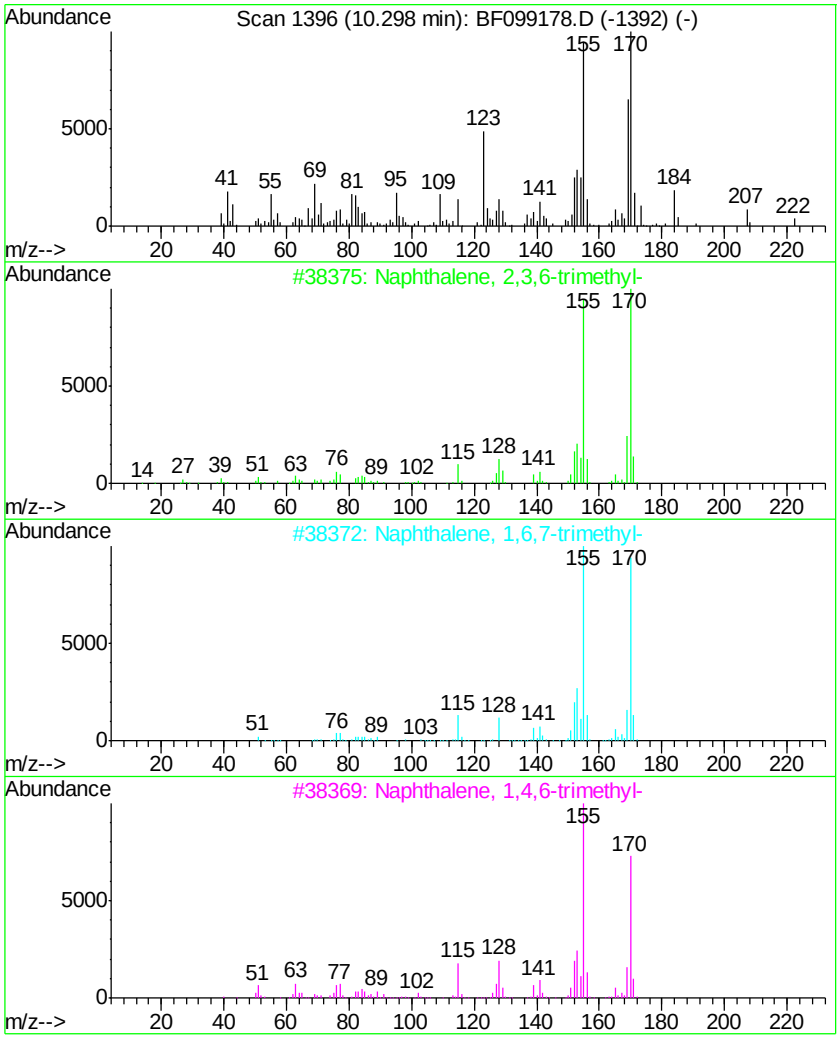
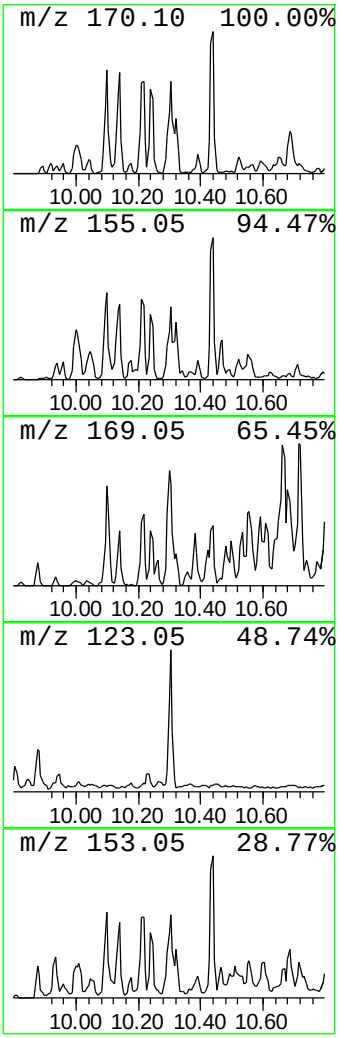
Peak Number 9 Naphthalene, 2,3,6-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.30	6.55 ng	375192	Acenaphthene-d10	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	83





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Sample : I5565-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RH-1

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

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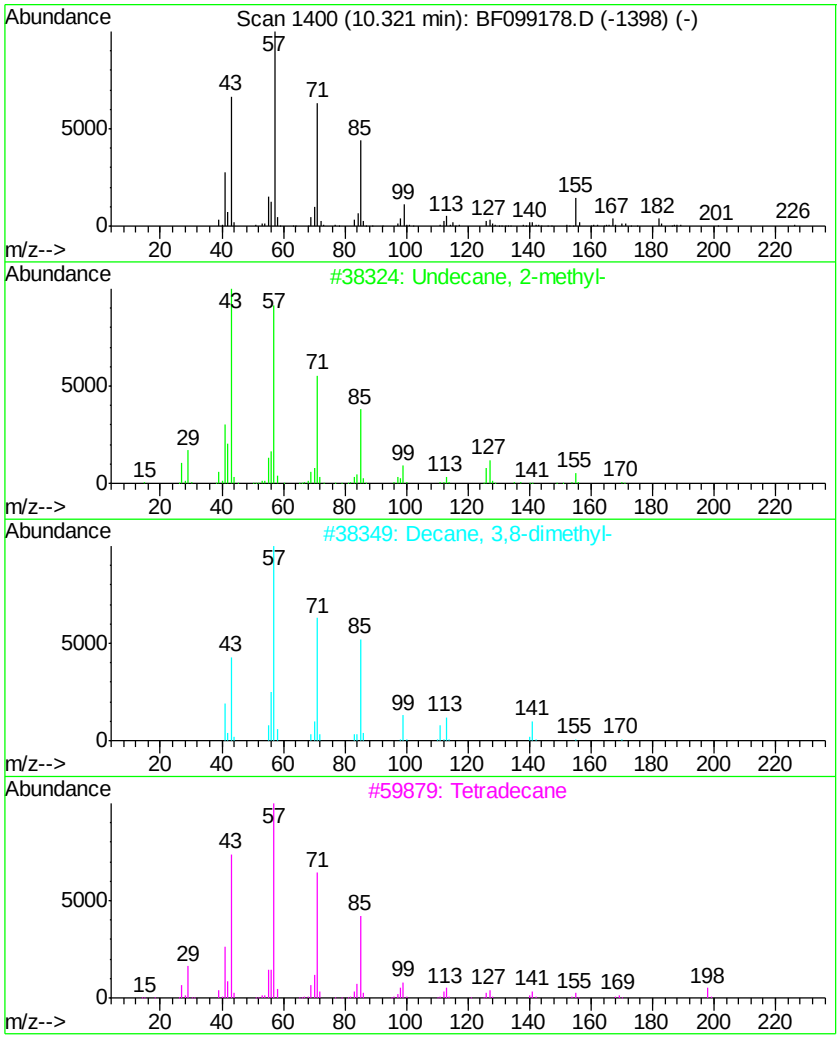
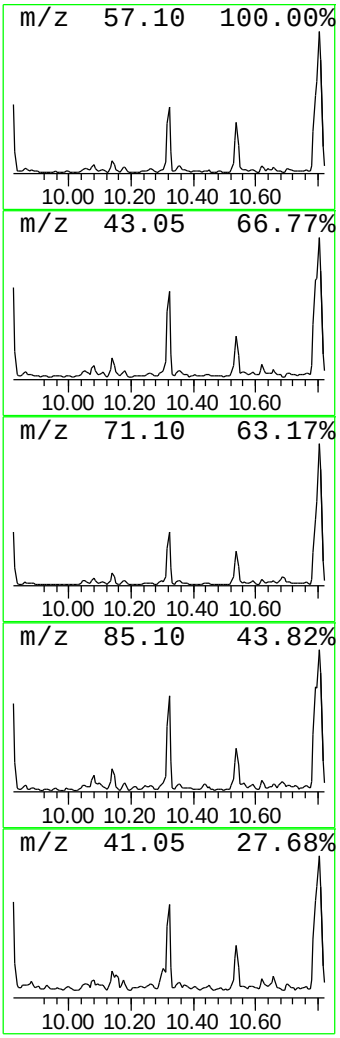
Peak Number 10 Undecane, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.32	6.60 ng	378310	Acenaphthene-d10	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2-methyl-	170	C12H26	007045-71-8	80
2	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	74
3	Tetradecane	198	C14H30	000629-59-4	72
4	Pentadecane	212	C15H32	000629-62-9	72
5	Nonadecane	268	C19H40	000629-92-5	68





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Sample : I5565-01
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ClientSampleId : RH-1

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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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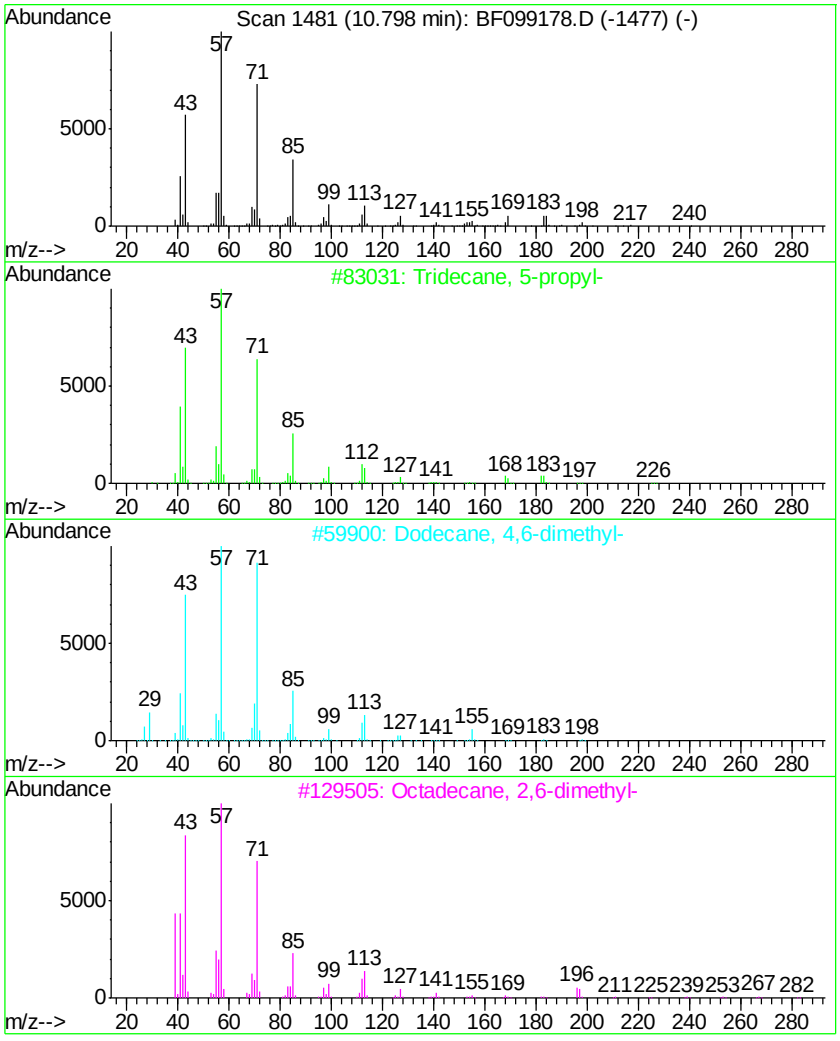
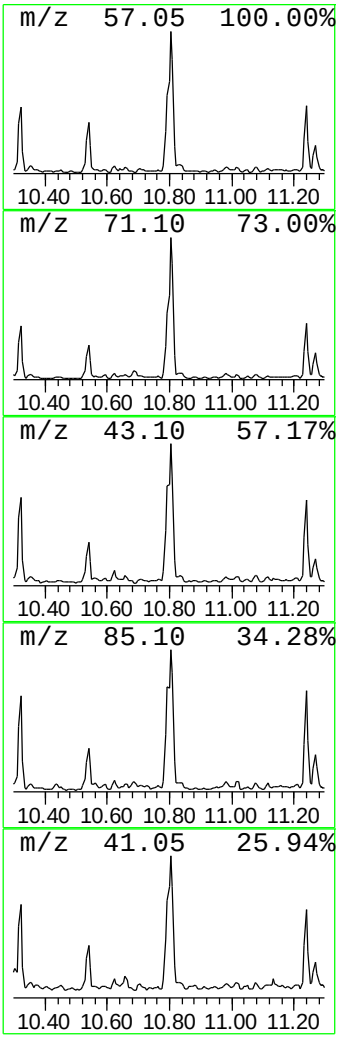
Peak Number 11 Tridecane, 5-propyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	25.17 ng	1163420	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	80
2	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	74
3	Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	72
4	Tridecane, 7-methyl-	198	C14H30	026730-14-3	70
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64





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Misc :
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Instrument : BNA_F
ClientSampleId : RH-1

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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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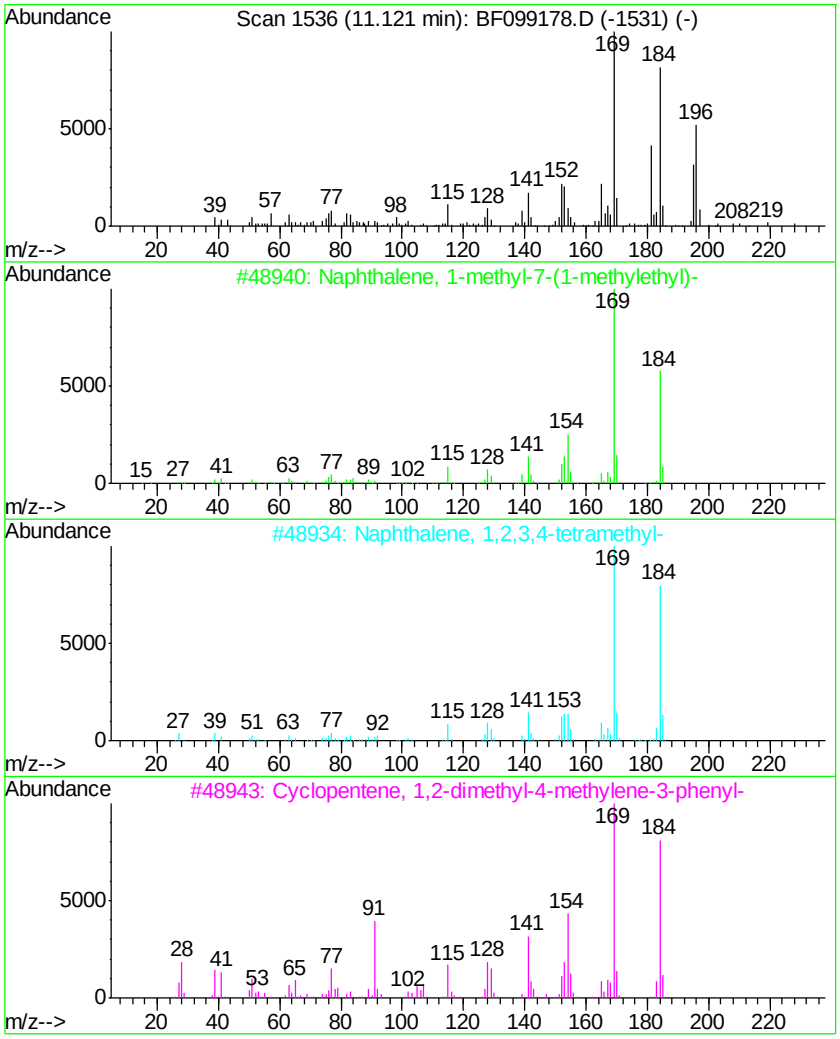
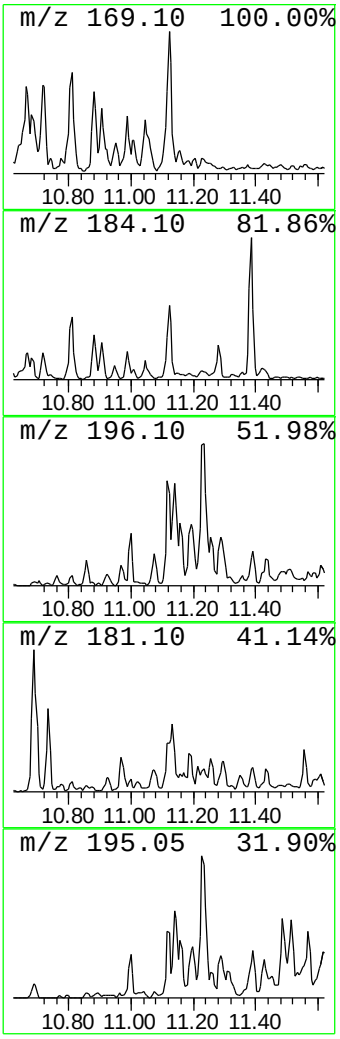
Peak Number 12 Naphthalene, 1-methyl-7-(1-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.12	11.88 ng	549340	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	78
2	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	60
3	Cyclopentene, 1,2-dimethyl-4-met...	184	C14H16	1000152-22-4	55
4	Chlordimeform	196	C10H13ClN2	006164-98-3	53
5	Chamazulene	184	C14H16	000529-05-5	45





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Sample : I5565-01
Misc :
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Instrument : BNA_F
ClientSampleId : RH-1

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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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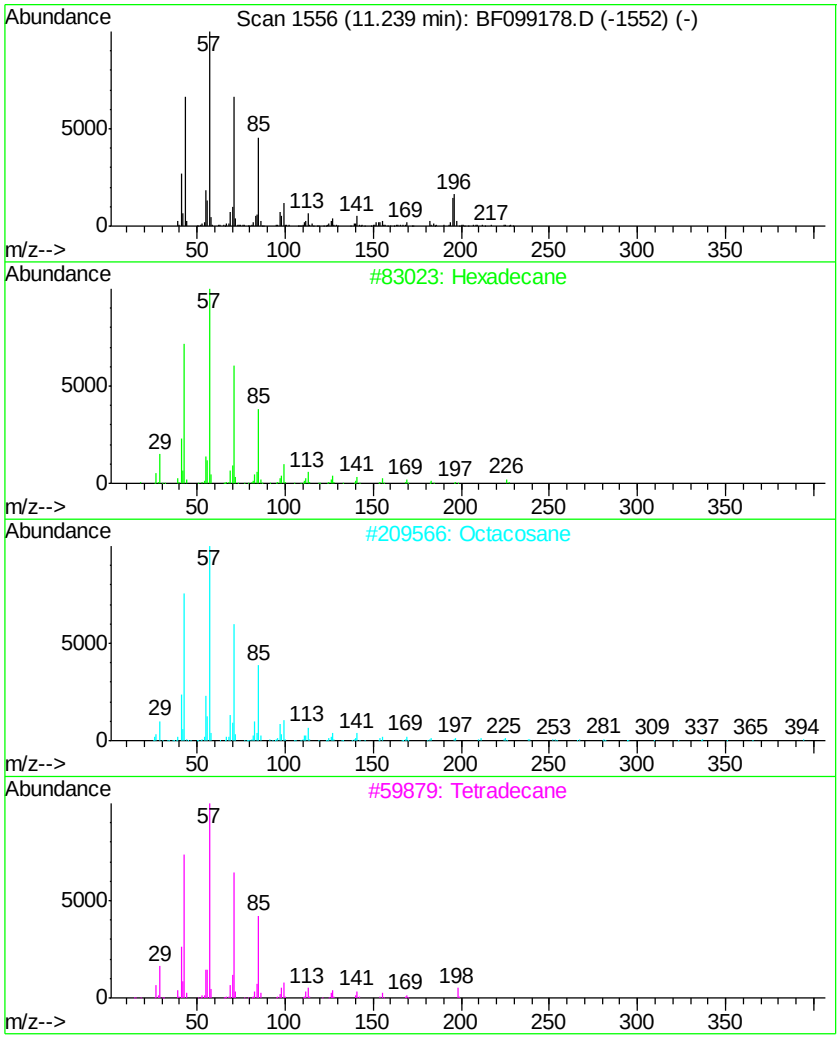
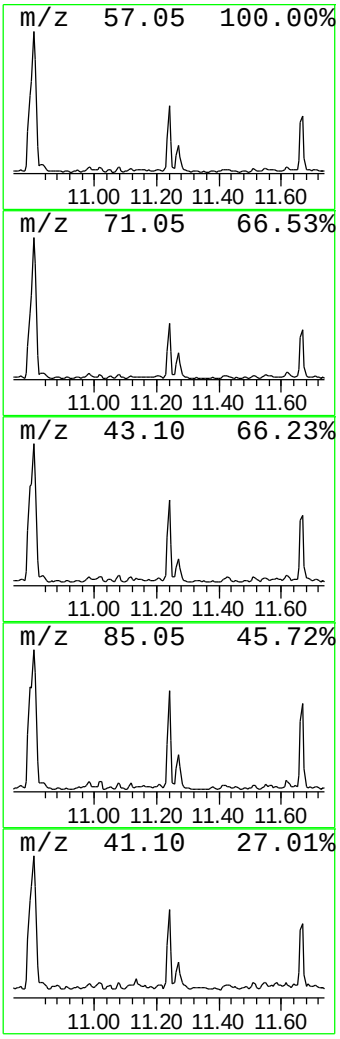
Peak Number 13 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.24	10.79 ng	498830	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	74
2	Octacosane	394	C28H58	000630-02-4	74
3	Tetradecane	198	C14H30	000629-59-4	74
4	Dodecane, 2-methyl-	184	C13H28	001560-97-0	74
5	Pentadecane	212	C15H32	000629-62-9	74





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ClientSampleId : RH-1

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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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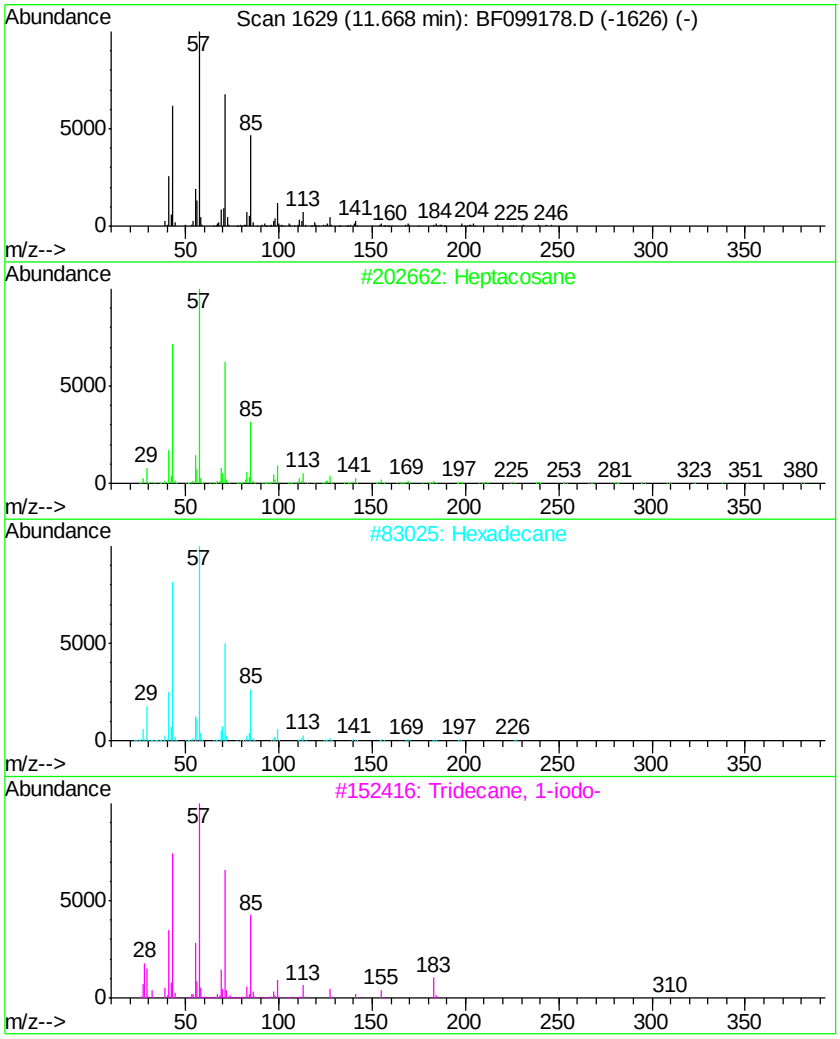
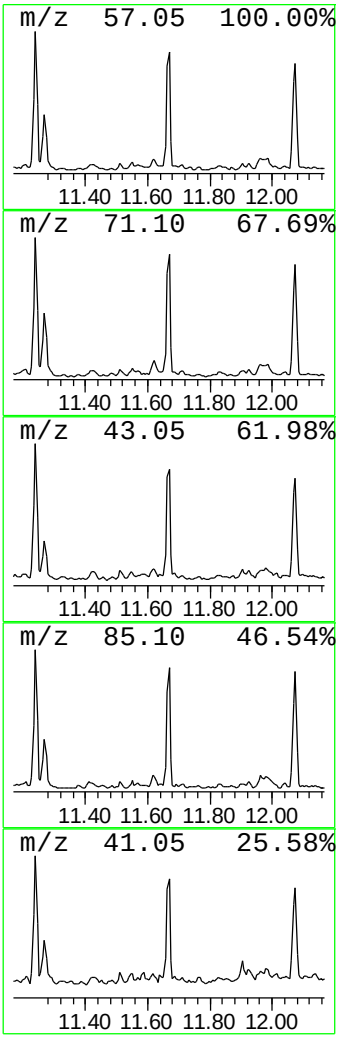
Peak Number 14 Heptacosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.67	6.40 ng	295924	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Hexadecane	226	C16H34	000544-76-3	90
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
4	Heneicosane	296	C21H44	000629-94-7	83
5	Decane, 3-methyl-	156	C11H24	013151-34-3	72





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ClientSampleId : RH-1

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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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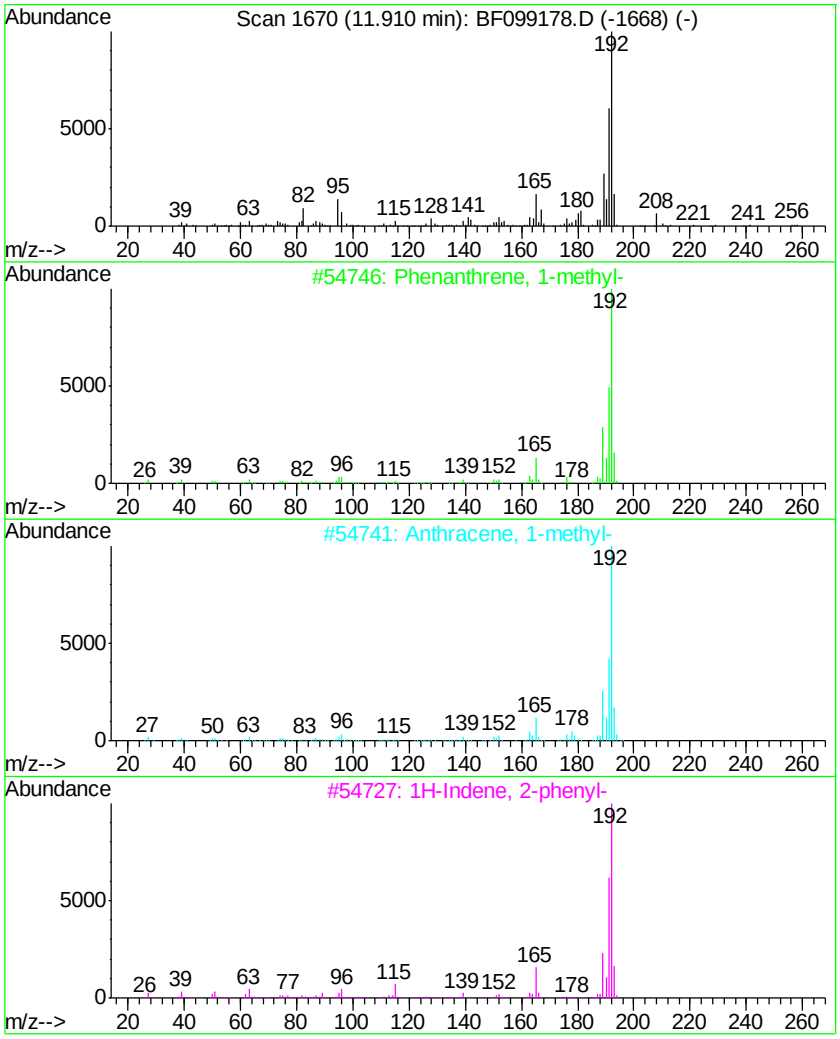
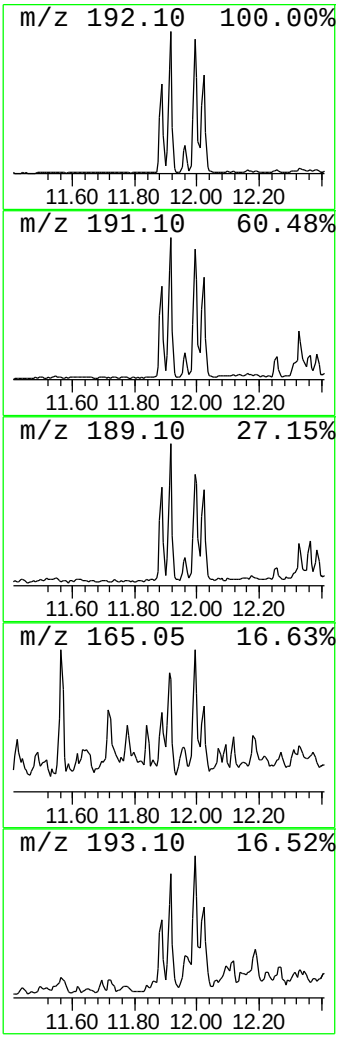
Peak Number 15 Phenanthrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.91	7.60 ng	351463	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90





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Instrument : BNA_F
ClientSampleId : RH-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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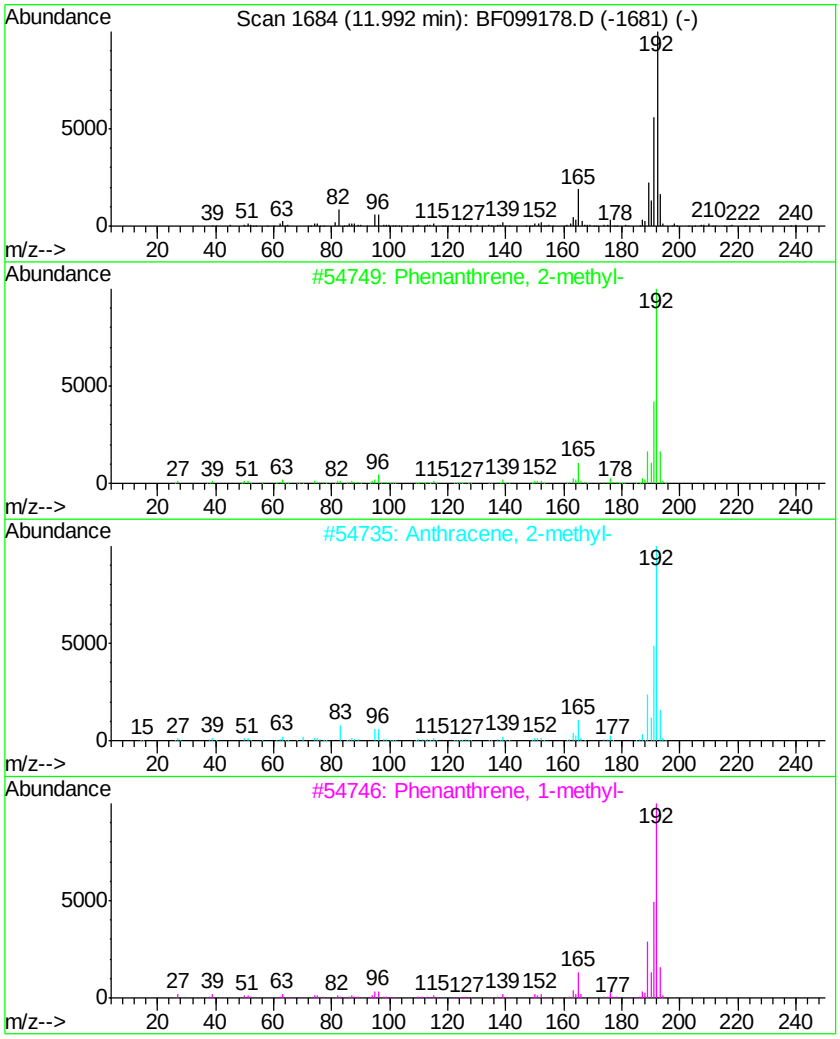
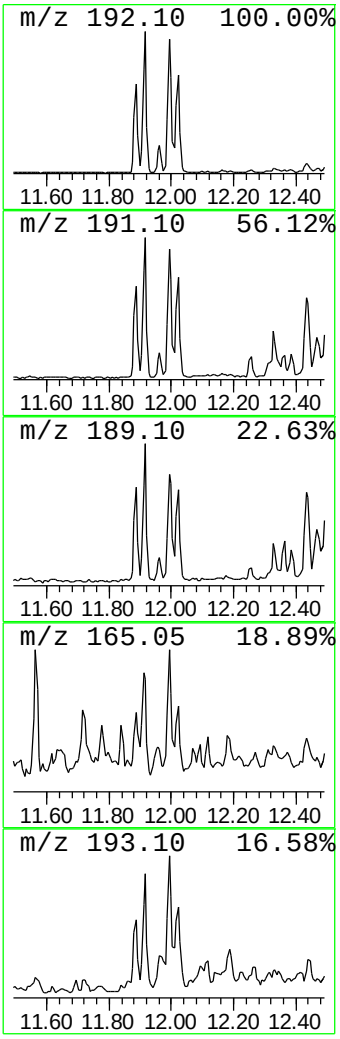
Peak Number 16 Phenanthrene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	7.02 ng	324445	Phenanthrene-d10	11.39

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	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





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Instrument : BNA_F
ClientSampleId : RH-1

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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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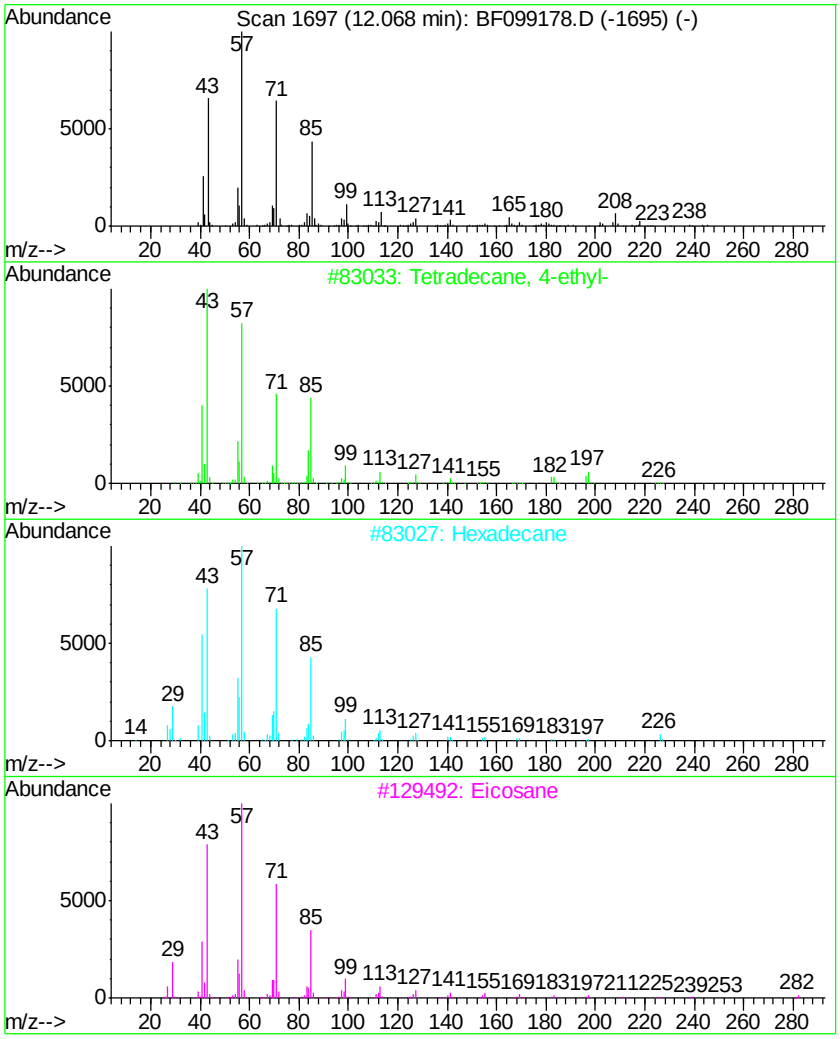
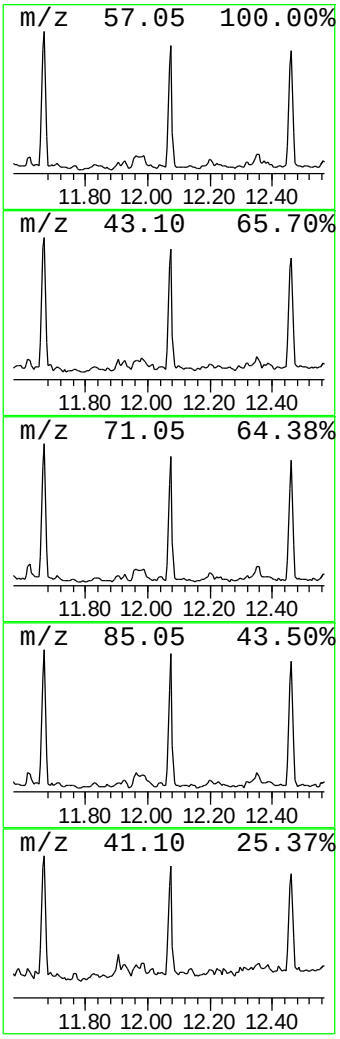
Peak Number 17 Tetradecane, 4-ethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.07	6.40 ng	295864	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	91
2	Hexadecane	226	C16H34	000544-76-3	90
3	Eicosane	282	C20H42	000112-95-8	87
4	Heneicosane	296	C21H44	000629-94-7	86
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	83





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Instrument : BNA_F
ClientSampleId : RH-1

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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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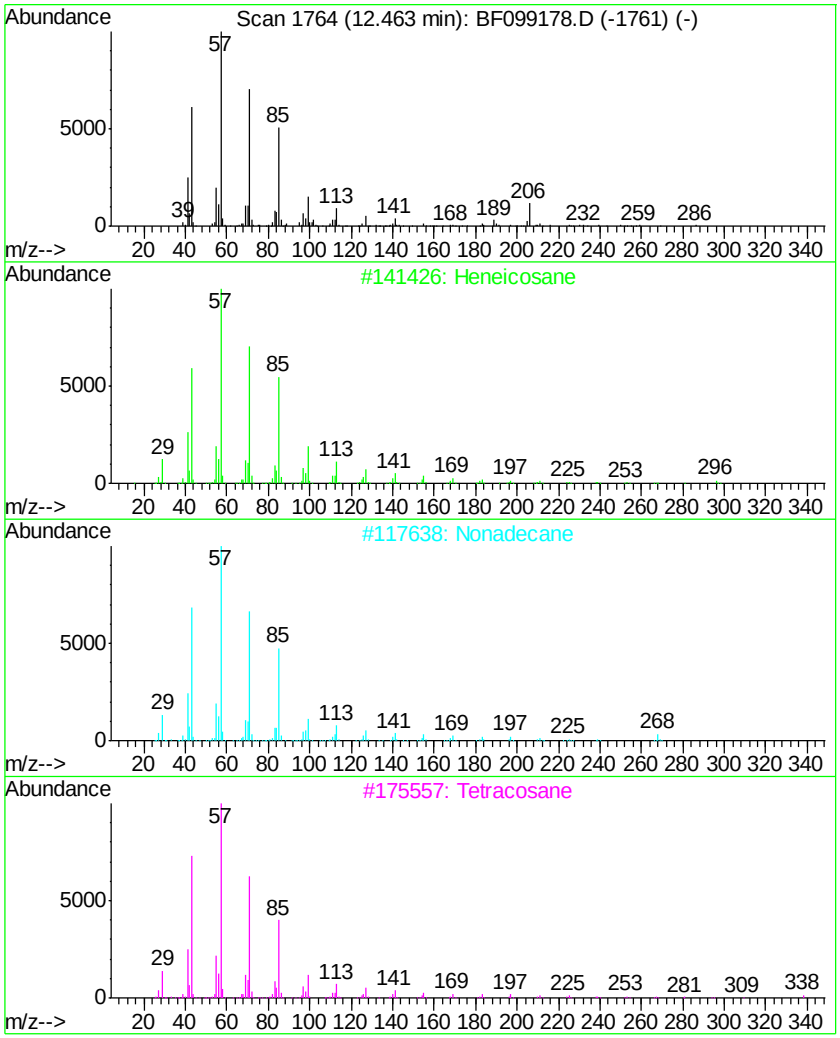
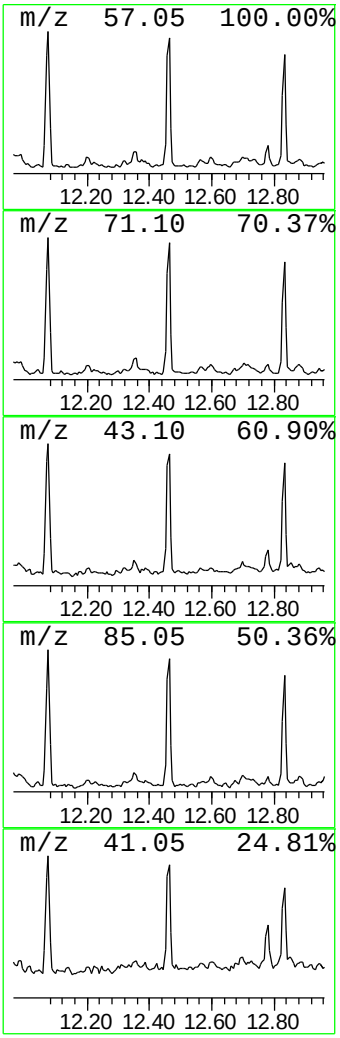
Peak Number 18 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	8.39 ng	387922	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Nonadecane	268	C19H40	000629-92-5	87
3	Tetracosane	338	C24H50	000646-31-1	87
4	Octadecane	254	C18H38	000593-45-3	86
5	Pentadecane	212	C15H32	000629-62-9	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100617\
Data File : BF099178.D
Acq On : 7 Oct 2017 6:07
Operator : SJ/JU
Sample : I5565-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RH-1

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...	5.09	17.7	ng	770266	1	6.86	868197	20.0
unknown6.63	6.63	69.8	ng	3028790	1	6.86	868197	20.0
Benzene, 1,2,3-tr...	6.69	6.9	ng	298070	1	6.86	868197	20.0
Octane, 2,6-dimet...	8.56	6.8	ng	384862	2	8.15	1126070	20.0
Naphthalene, 1-me...	8.96	9.2	ng	518627	2	8.15	1126070	20.0
Naphthalene, 2,3-...	9.56	8.4	ng	479955	3	9.90	1146170	20.0
Tridecane	9.82	6.9	ng	393944	3	9.90	1146170	20.0
Naphthalene, 2,3,...	10.30	6.5	ng	375192	3	9.90	1146170	20.0
Undecane, 2-methyl-	10.32	6.6	ng	378310	3	9.90	1146170	20.0
Tridecane, 5-propyl-	10.80	25.2	ng	1163420	4	11.39	924478	20.0
Naphthalene, 1-me...	11.12	11.9	ng	549340	4	11.39	924478	20.0
Hexadecane	11.24	10.8	ng	498830	4	11.39	924478	20.0
Heptacosane	11.67	6.4	ng	295924	4	11.39	924478	20.0
Phenanthrene, 1-m...	11.91	7.6	ng	351463	4	11.39	924478	20.0
Phenanthrene, 2-m...	11.99	7.0	ng	324445	4	11.39	924478	20.0
Tetradecane, 4-et...	12.07	6.4	ng	295864	4	11.39	924478	20.0
Heneicosane	12.46	8.4	ng	387922	4	11.39	924478	20.0