LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
Data File : BF112832.D
Acq On : 4 Mar 2019 18:51
Operator : JU/SJ
Sample : K1688-03 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-030119-B

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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	5.345	550	554	566	rVB	818126	785695	7.22%	1.070%
2	6.369	726	728	733	rVB	874731	815756	7.50%	1.111%
3	6.510	746	752	758	rBV	1090183	1029594	9.46%	1.403%
4	6.575	761	763	765	rVV	225491	193374	1.78%	0.263%
5	6.598	765	767	773	rVB	632840	487945	4.49%	0.665%
6	6.745	789	792	795	rBV	1086993	870302	8.00%	1.186%
7	6.775	795	797	800	rVB2	186940	156023	1.43%	0.213%
8	6.810	800	803	808	rVB3	119193	133991	1.23%	0.183%
9	6.904	816	819	828	rVB	861712	907390	8.34%	1.236%
10	7.034	838	841	844	rVB2	156963	204442	1.88%	0.279%
11	7.069	844	847	850	rVB2	253938	220902	2.03%	0.301%
12	7.098	850	852	857	rBV	172922	156076	1.43%	0.213%
13	7.145	857	860	863	rBV	301259	258814	2.38%	0.353%
14	7.298	880	886	891	rBV2	606465	771597	7.09%	1.051%
15	7.357	894	896	899	rVV	1069554	879219	8.08%	1.198%
16	7.404	899	904	907	rVB4	158178	233116	2.14%	0.318%
17	7.469	913	915	919	rVV4	133563	158347	1.46%	0.216%
18	7.522	919	924	926	rVV3	104479	152247	1.40%	0.207%
19	7.557	926	930	935	rVB3	229843	372513	3.42%	0.507%
20	7.722	956	958	961	rVB2	187685	174744	1.61%	0.238%
21	7.763	961	965	968	rVV3	235493	354370	3.26%	0.483%
22	7.792	968	970	974	rVB2	318835	333982	3.07%	0.455%
23	7.839	974	978	980	rBV2	213858	203523	1.87%	0.277%
24	7.869	981	983	986	rVB2	226267	204594	1.88%	0.279%
25	8.028	1006	1010	1013	rBV	2614580	2177488	20.02%	2.966%
26	8.104	1021	1023	1025	rVB	381472	268399	2.47%	0.366%
27	8.204	1035	1040	1042	rBV5	114648	165286	1.52%	0.225%
28	8.328	1056	1061	1064	rBV5	269647	388624	3.57%	0.529%
29	8.386	1069	1071	1074	rBV2	299932	219037	2.01%	0.298%
30	8.422	1074	1077	1079	rVV2	332320	315453	2.90%	0.430%
31	8.463	1082	1084	1089	rVV3	489388	542425	4.99%	0.739%
32	8.533	1093	1096	1100	rBV2	363357	364647	3.35%	0.497%
33	8.633	1109	1113	1116	rBV	1533763	1274915	11.72%	1.737%
34	8.692	1120	1123	1125	rVV	272643	285345	2.62%	0.389%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
Data File : BF112832.D
Acq On : 4 Mar 2019 18:51
Operator : JU/SJ
Sample : K1688-03 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-030119-B

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.728	1126	1129	1136	rVB4	237346	359196	3.30%	0.489%
36	8.851	1144	1150	1153	rBV3	280959	364351	3.35%	0.496%
37	8.916	1158	1161	1163	rBV3	215174	180750	1.66%	0.246%
38	8.998	1173	1175	1179	rVB	262804	204908	1.88%	0.279%
39	9.039	1179	1182	1184	rVV2	181611	209911	1.93%	0.286%
40	9.063	1184	1186	1189	rVV2	462896	384017	3.53%	0.523%
41	9.098	1189	1192	1198	rVB	947882	899046	8.26%	1.225%
42	9.198	1205	1209	1212	rBV	1371465	1195482	10.99%	1.629%
43	9.257	1214	1219	1221	rVB3	177510	223302	2.05%	0.304%
44	9.363	1232	1237	1244	rBV9	140140	305106	2.80%	0.416%
45	9.422	1244	1247	1248	rBV2	123404	132146	1.21%	0.180%
46	9.516	1257	1263	1265	rBV3	443657	600319	5.52%	0.818%
47	9.533	1265	1266	1270	rVV	294536	258733	2.38%	0.352%
48	9.575	1270	1273	1275	rVB2	170349	179111	1.65%	0.244%
49	9.722	1296	1298	1302	rBV	1113828	935167	8.60%	1.274%
50	9.780	1302	1308	1311	rBV	1200779	1289198	11.85%	1.756%
51	9.963	1334	1339	1340	rBV3	145815	221398	2.04%	0.302%
52	9.980	1340	1342	1346	rVV2	201611	220723	2.03%	0.301%
53	10.045	1350	1353	1357	rVB3	249072	270282	2.48%	0.368%
54	10.222	1380	1383	1386	rVB	1067726	788061	7.24%	1.074%
55	10.439	1416	1420	1423	rBV	313483	356043	3.27%	0.485%
56	10.522	1432	1434	1437	rBV2	129657	137906	1.27%	0.188%
57	10.557	1437	1440	1445	rVB2	675219	632102	5.81%	0.861%
58	10.692	1460	1463	1470	rBV	1023780	1133569	10.42%	1.544%
59	10.898	1493	1498	1500	rBV2	101784	137744	1.27%	0.188%
60	11.139	1536	1539	1542	rBV	832867	657198	6.04%	0.895%
61	11.169	1542	1544	1550	rVB	306876	308779	2.84%	0.421%
62	11.257	1555	1559	1561	rBV	1248276	1102076	10.13%	1.501%
63	11.280	1561	1563	1566	rVB	523047	412776	3.79%	0.562%
64	11.327	1567	1571	1574	rVB2	176024	187739	1.73%	0.256%
65	11.563	1608	1611	1613	rBV	646435	547512	5.03%	0.746%
66	11.586	1613	1615	1617	rVB	211868	157905	1.45%	0.215%
67	11.663	1624	1628	1632	rVB	4960209	4299190	39.52%	5.857%
68	11.792	1647	1650	1653	rVB2	241817	264861	2.43%	0.361%
69	11.868	1659	1663	1665	rBV2	191077	233459	2.15%	0.318%
70	11.968	1675	1680	1688	rVB	572687	582081	5.35%	0.793%
71	12.063	1692	1696	1703	rVB4	110217	201564	1.85%	0.275%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
Data File : BF112832.D
Acq On : 4 Mar 2019 18:51
Operator : JU/SJ
Sample : K1688-03 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-030119-B

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	12.357	1740	1746	1747	rBV	7640840	9939337	91.36%	13.541%
73	12.380	1747	1750	1755	rVV	9031086	10878956	100.00%	14.821%
74	12.416	1755	1756	1759	rVB2	166766	130970	1.20%	0.178%
75	12.451	1759	1762	1767	rBV2	2311179	3132591	28.79%	4.268%
76	12.504	1769	1771	1774	rVB	616461	492821	4.53%	0.671%
77	12.692	1798	1803	1806	rBV	1329342	1610059	14.80%	2.193%
78	12.727	1806	1809	1819	rVB3	409712	441772	4.06%	0.602%
79	12.839	1825	1828	1831	rBV	962707	808871	7.44%	1.102%
80	13.010	1853	1857	1858	rBV2	429430	420862	3.87%	0.573%
81	13.027	1858	1860	1866	rVV2	389578	543272	4.99%	0.740%
82	13.086	1866	1870	1874	rVV3	545029	777564	7.15%	1.059%
83	13.174	1882	1885	1889	rBV	434886	367308	3.38%	0.500%
84	13.327	1909	1911	1915	rVB5	207039	196429	1.81%	0.268%
85	13.421	1924	1927	1932	rBV	275524	280422	2.58%	0.382%
86	13.586	1953	1955	1959	rVB3	142335	177192	1.63%	0.241%
87	13.751	1980	1983	1986	rVB	202328	158391	1.46%	0.216%
88	13.839	1995	1998	2001	rBV2	298436	298534	2.74%	0.407%
89	13.886	2001	2006	2008	rVV2	1312425	1713346	15.75%	2.334%
90	13.910	2008	2010	2013	rVB	446956	348938	3.21%	0.475%
91	14.068	2034	2037	2040	rVB2	256221	229018	2.11%	0.312%
92	14.351	2081	2085	2086	rBV3	258827	321627	2.96%	0.438%
93	14.368	2086	2088	2091	rVB2	267560	255997	2.35%	0.349%
94	14.457	2101	2103	2109	rBV5	155698	178231	1.64%	0.243%
95	14.668	2136	2139	2146	rBV2	281074	289875	2.66%	0.395%
96	14.768	2152	2156	2166	rVB	533303	880987	8.10%	1.200%
97	14.898	2175	2178	2187	rVB	389448	712591	6.55%	0.971%
98	15.180	2224	2226	2230	rVB	224198	230248	2.12%	0.314%
99	15.239	2233	2236	2241	rBV	308886	320934	2.95%	0.437%
100	15.298	2243	2246	2249	rBV	549832	632787	5.82%	0.862%

Sum of corrected areas: 73403816

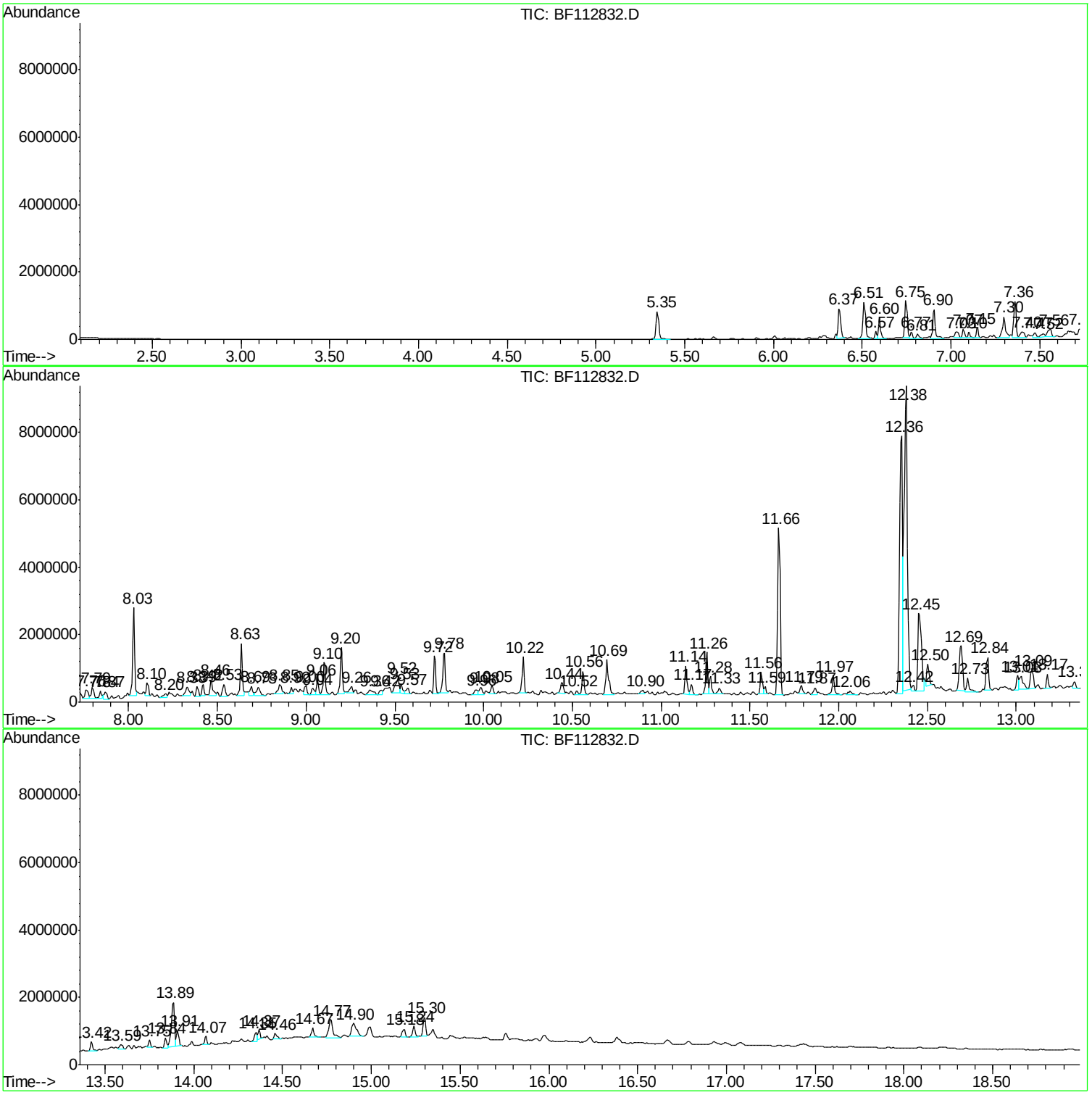
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
Data File : BF112832.D
Acq On : 4 Mar 2019 18:51
Operator : JU/SJ
Sample : K1688-03 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-030119-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
Data File : BF112832.D
Acq On : 4 Mar 2019 18:51
Operator : JU/SJ
Sample : K1688-03 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-030119-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

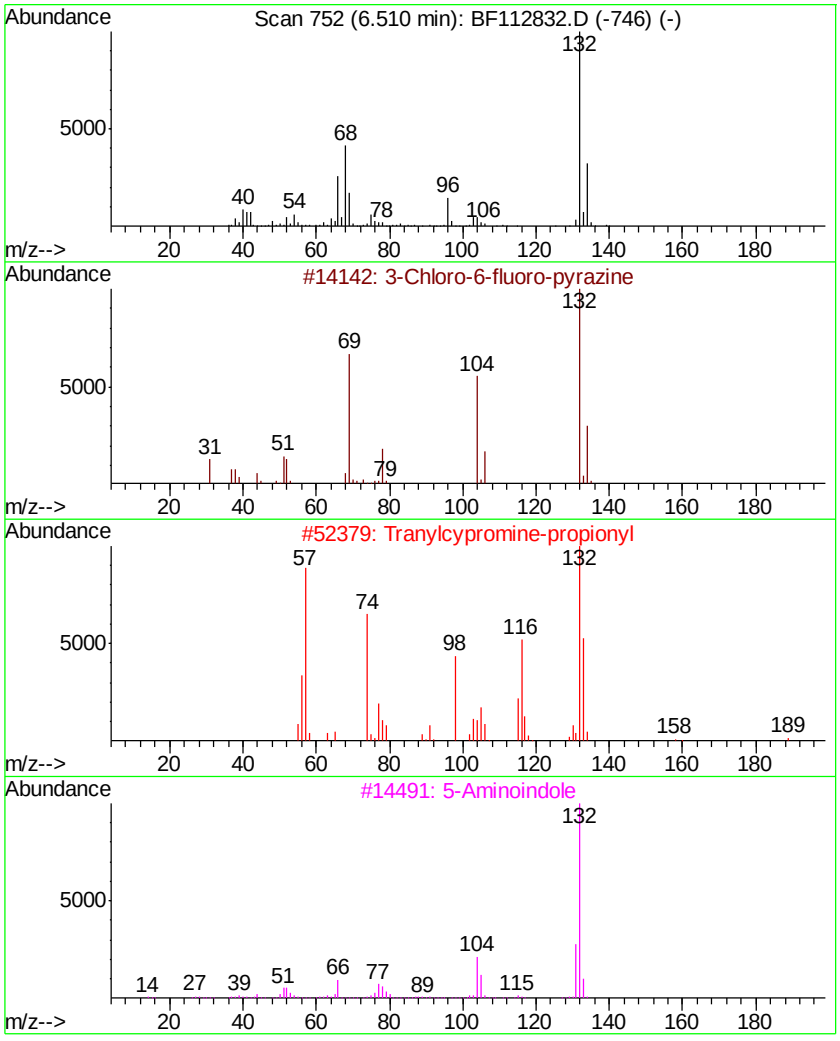
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

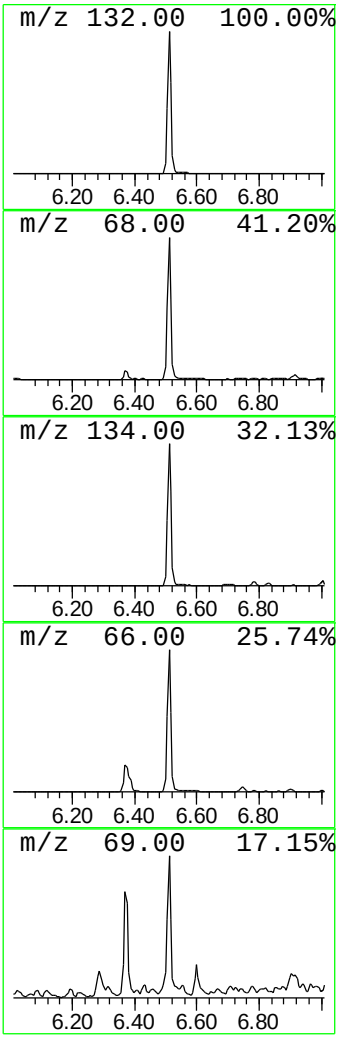
****

Peak Number 1 unknown6.51 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.51	23.66 ng	1029590	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5	Xenon	132	Xe	007440-63-3	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
Data File : BF112832.D
Acq On : 4 Mar 2019 18:51
Operator : JU/SJ
Sample : K1688-03 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-030119-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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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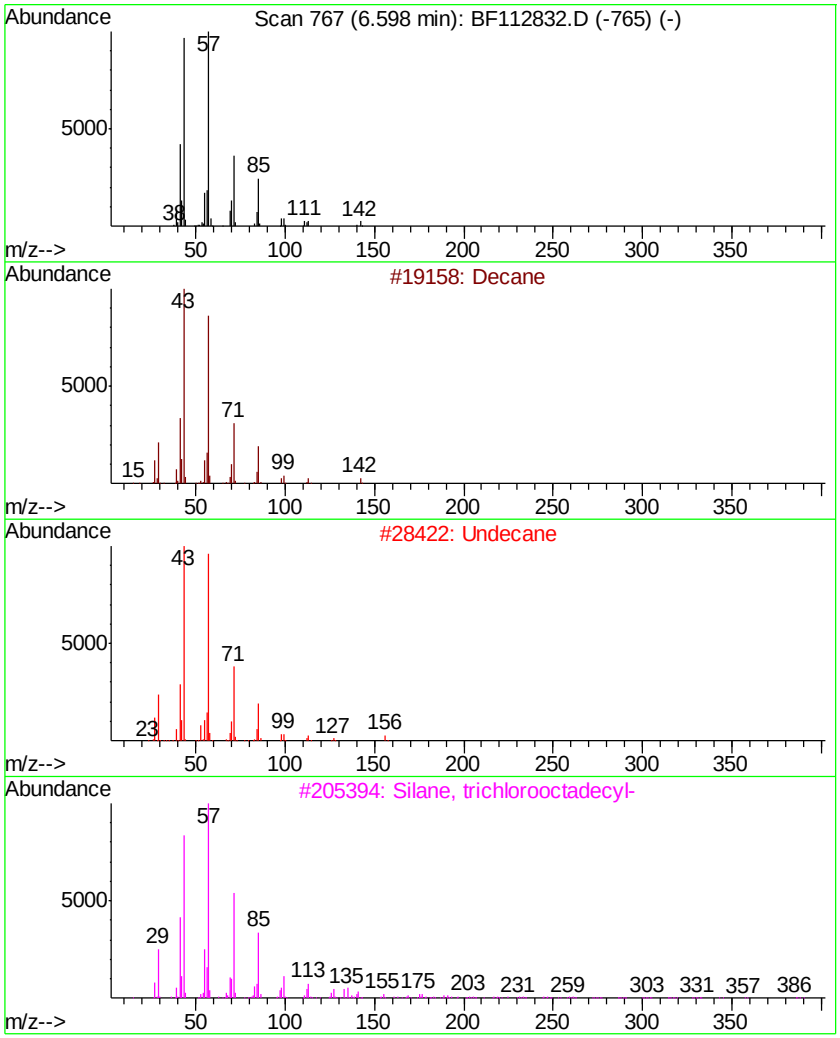
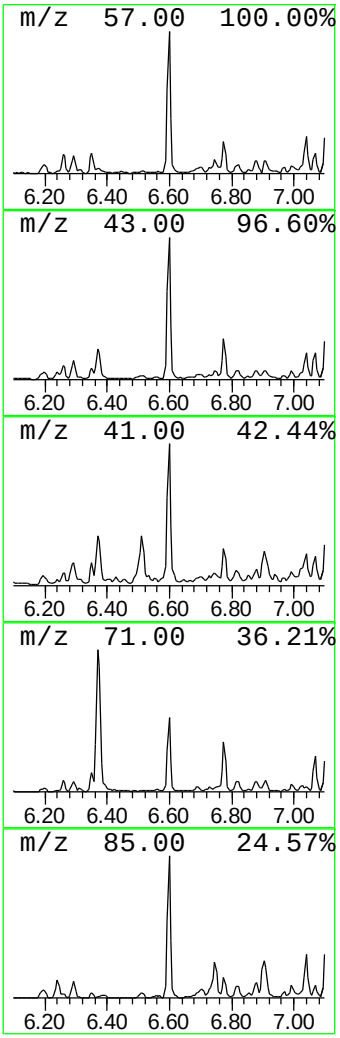
Peak Number 2 Decane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	11.21 ng	487945	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	95
2	Undecane	156	C11H24	001120-21-4	90
3	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	83
4	Tridecane	184	C13H28	000629-50-5	78
5	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	78





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
Data File : BF112832.D
Acq On : 4 Mar 2019 18:51
Operator : JU/SJ
Sample : K1688-03 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-030119-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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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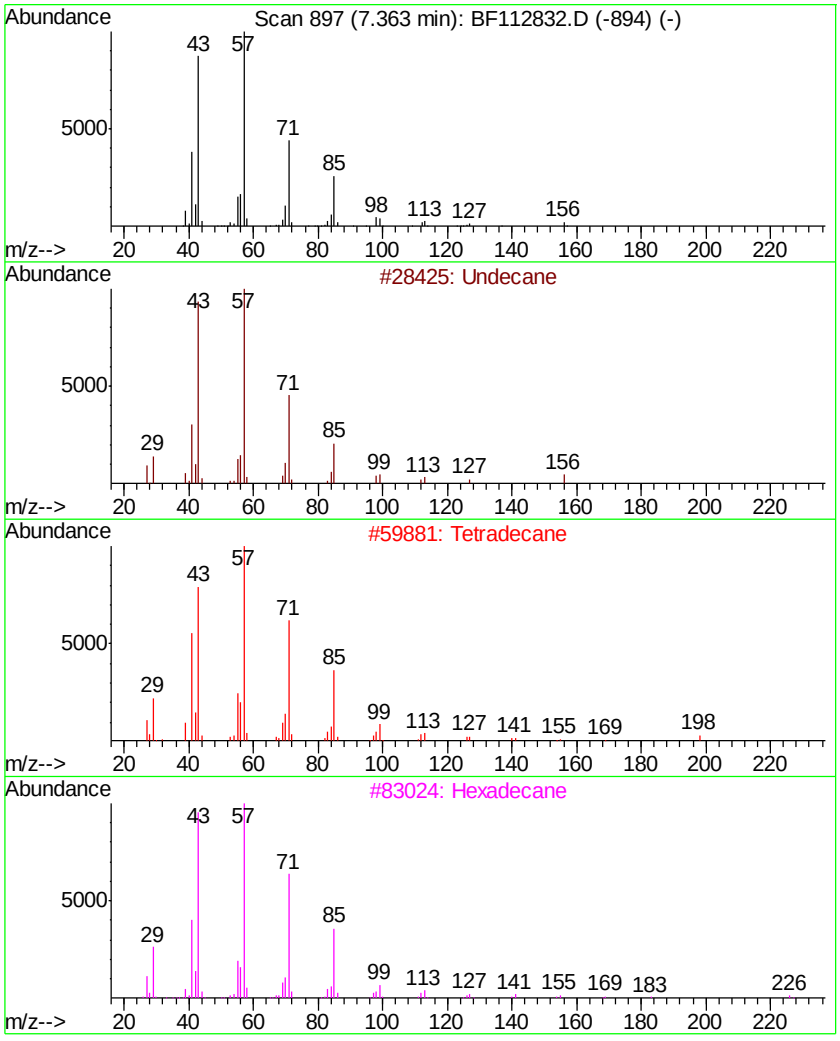
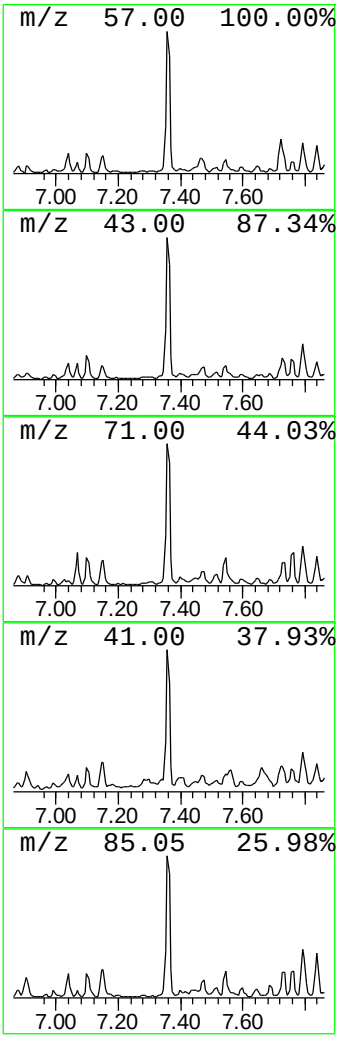
Peak Number 4 Undecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.36	20.20 ng	879219	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	91
2	Tetradecane	198	C14H30	000629-59-4	90
3	Hexadecane	226	C16H34	000544-76-3	83
4	Tridecane	184	C13H28	000629-50-5	78
5	Decane	142	C10H22	000124-18-5	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
Data File : BF112832.D
Acq On : 4 Mar 2019 18:51
Operator : JU/SJ
Sample : K1688-03 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-030119-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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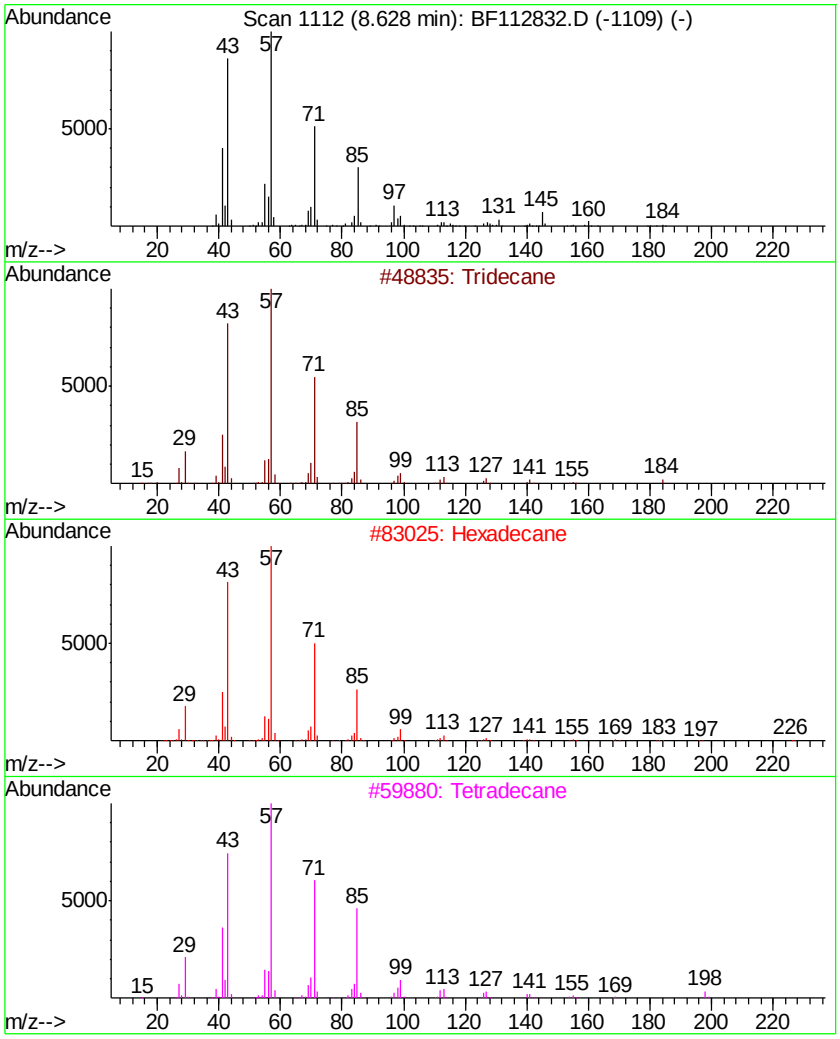
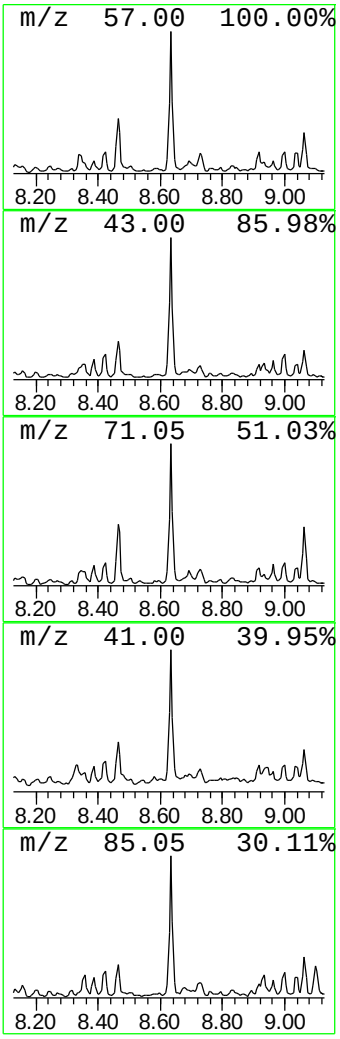
Peak Number 5 Tridecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.63	11.71 ng	1274920	Naphthalene-d8	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	93
2	Hexadecane	226	C16H34	000544-76-3	86
3	Tetradecane	198	C14H30	000629-59-4	86
4	Pentadecane	212	C15H32	000629-62-9	86
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
Data File : BF112832.D
Acq On : 4 Mar 2019 18:51
Operator : JU/SJ
Sample : K1688-03 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-030119-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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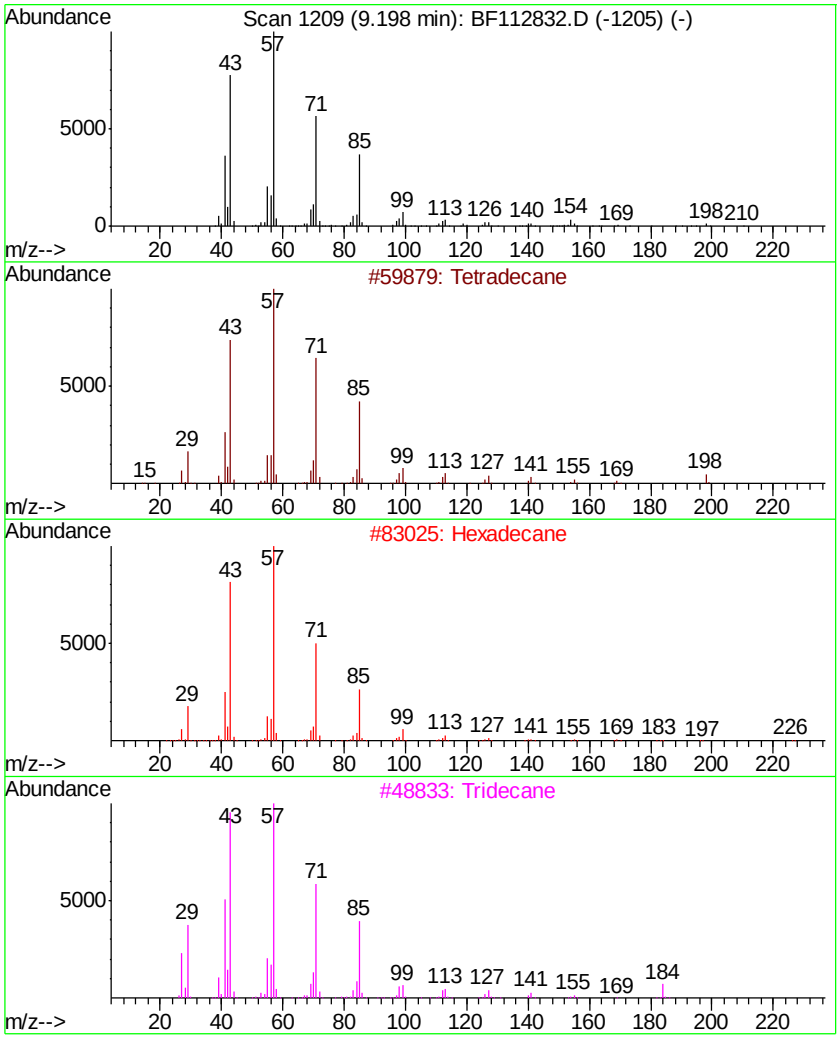
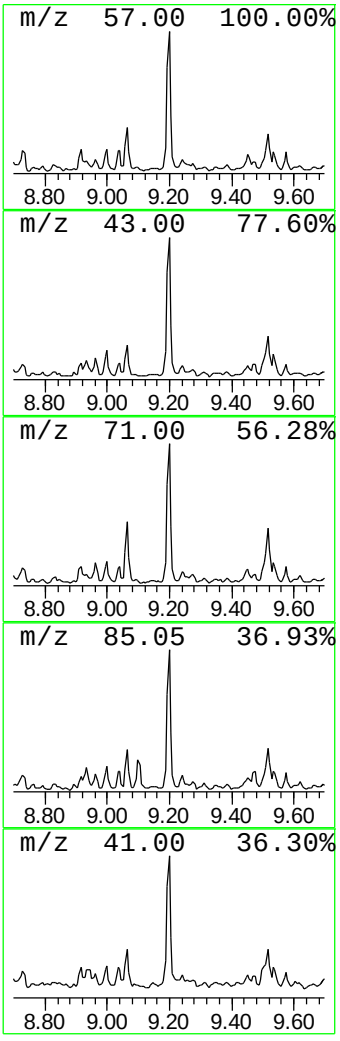
Peak Number 6 Tetradecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.20	18.55 ng	1195480	Acenaphthene-d10	9.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	94
2	Hexadecane	226	C16H34	000544-76-3	91
3	Tridecane	184	C13H28	000629-50-5	86
4	Undecane	156	C11H24	001120-21-4	86
5	Tridecane, 6-methyl-	198	C14H30	013287-21-3	74





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Acq On : 4 Mar 2019 18:51
Operator : JU/SJ
Sample : K1688-03 5X
Misc :
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ClientSampleId : JC-03-030119-B

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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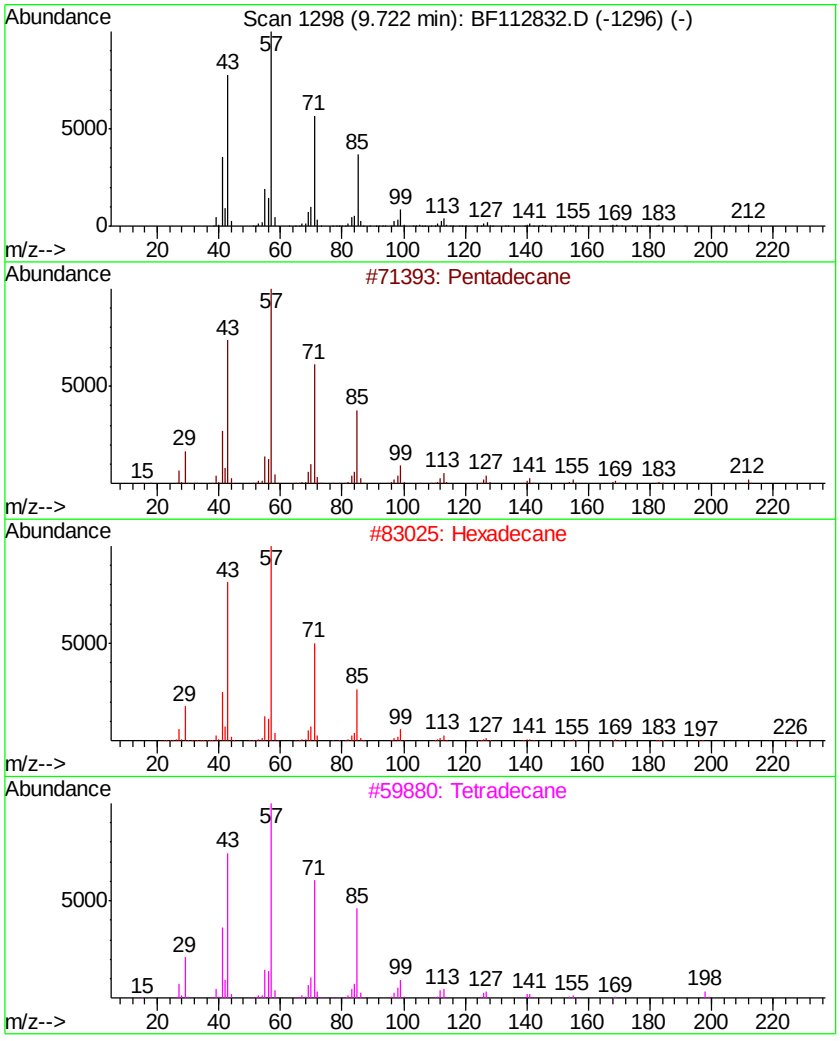
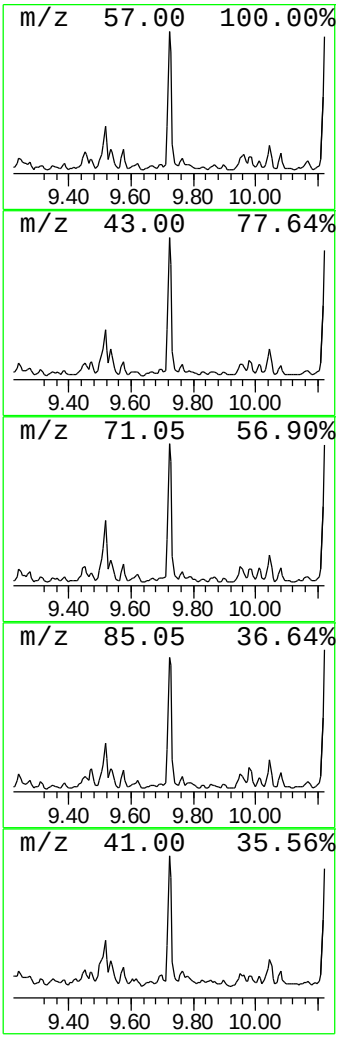
Peak Number 8 Pentadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.72	14.51 ng	935167	Acenaphthene-d10	9.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	94
2	Hexadecane	226	C16H34	000544-76-3	91
3	Tetradecane	198	C14H30	000629-59-4	90
4	Undecane	156	C11H24	001120-21-4	72
5	Decane, 3-bromo-	220	C10H21Br	030571-71-2	72





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ClientSampleId : JC-03-030119-B

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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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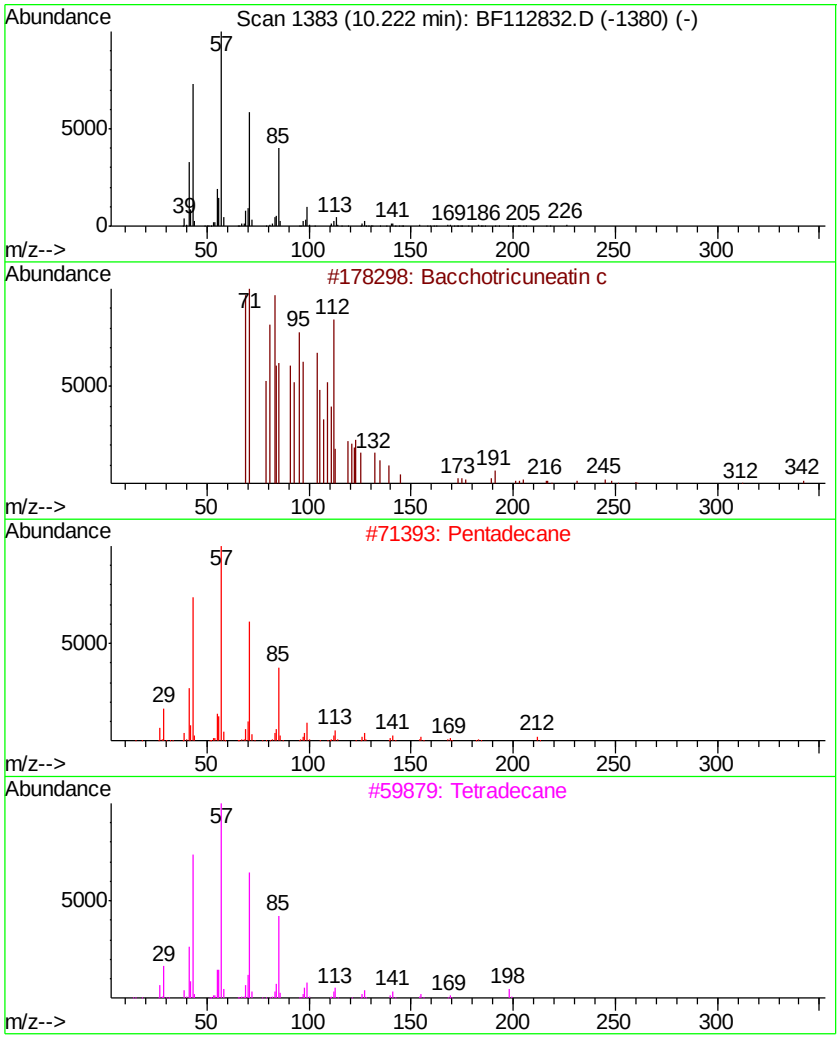
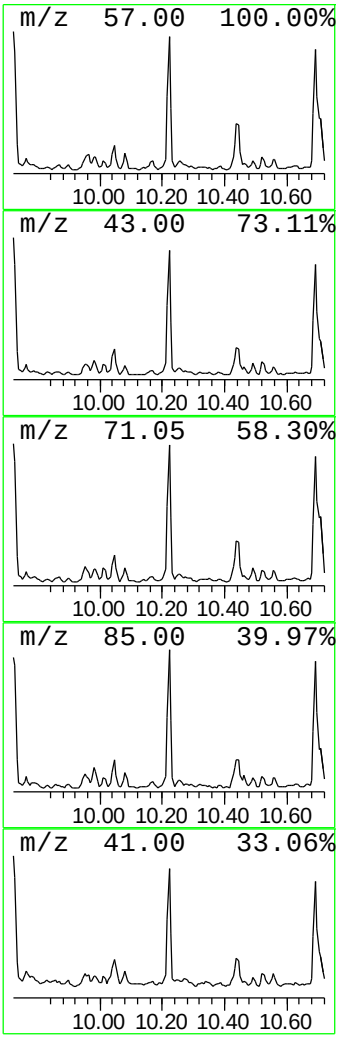
Peak Number 9 Bacchotricuneatin c Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.22	12.23 ng	788061	Acenaphthene-d10	9.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bacchotricuneatin c	342	C20H22O5	066563-30-2	98
2	Pentadecane	212	C15H32	000629-62-9	90
3	Tetradecane	198	C14H30	000629-59-4	90
4	Hexadecane	226	C16H34	000544-76-3	87
5	Heptadecane	240	C17H36	000629-78-7	83





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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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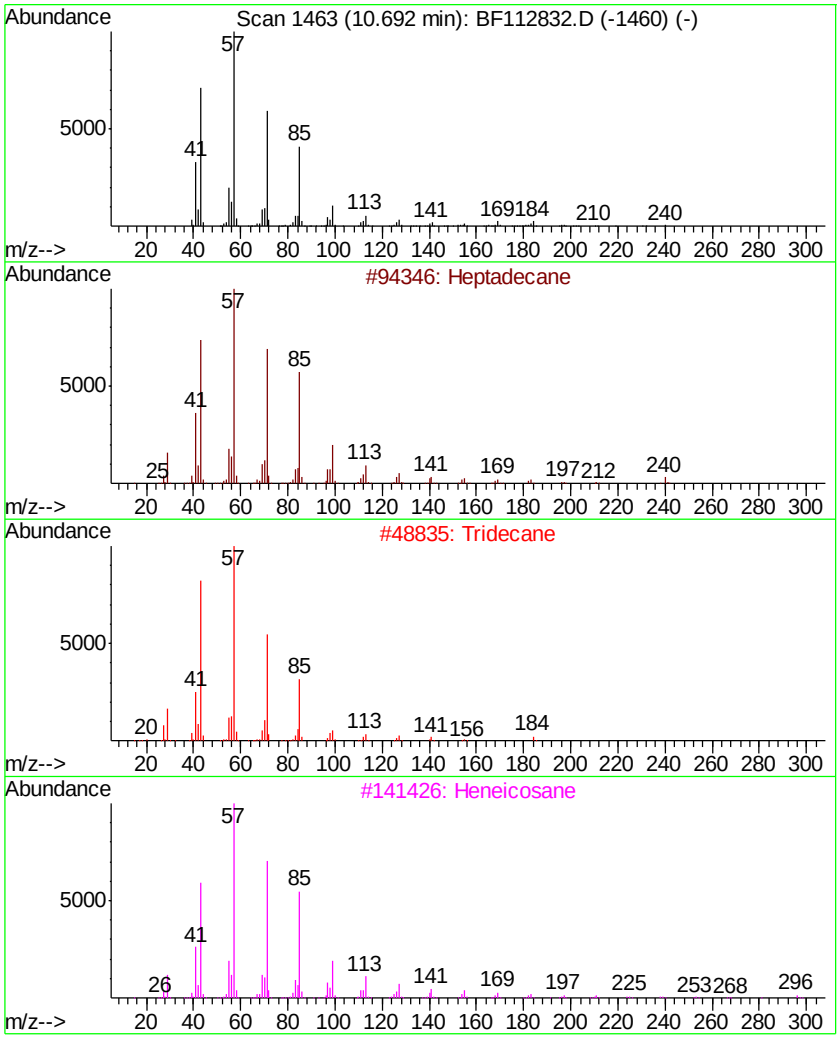
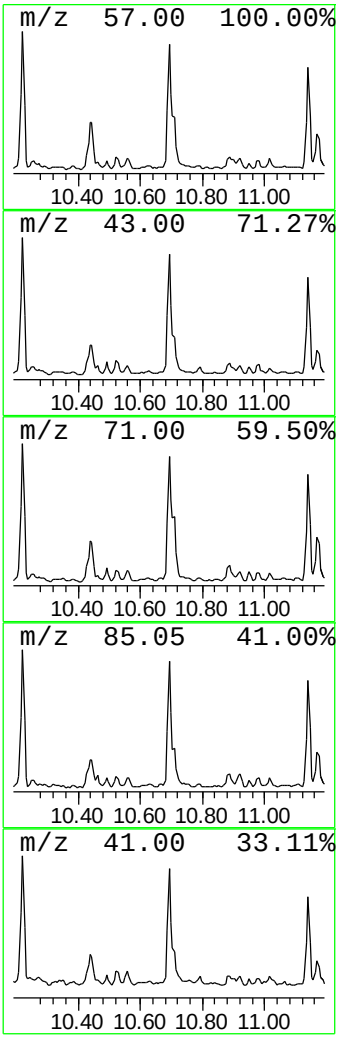
Peak Number 10 Heptadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.69	20.57 ng	1133570	Phenanthrene-d10	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	97
2	Tridecane	184	C13H28	000629-50-5	93
3	Heneicosane	296	C21H44	000629-94-7	90
4	Pentadecane	212	C15H32	000629-62-9	90
5	Eicosane	282	C20H42	000112-95-8	83





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Sample : K1688-03 5X
Misc :
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Instrument : BNA_F
ClientSampleId : JC-03-030119-B

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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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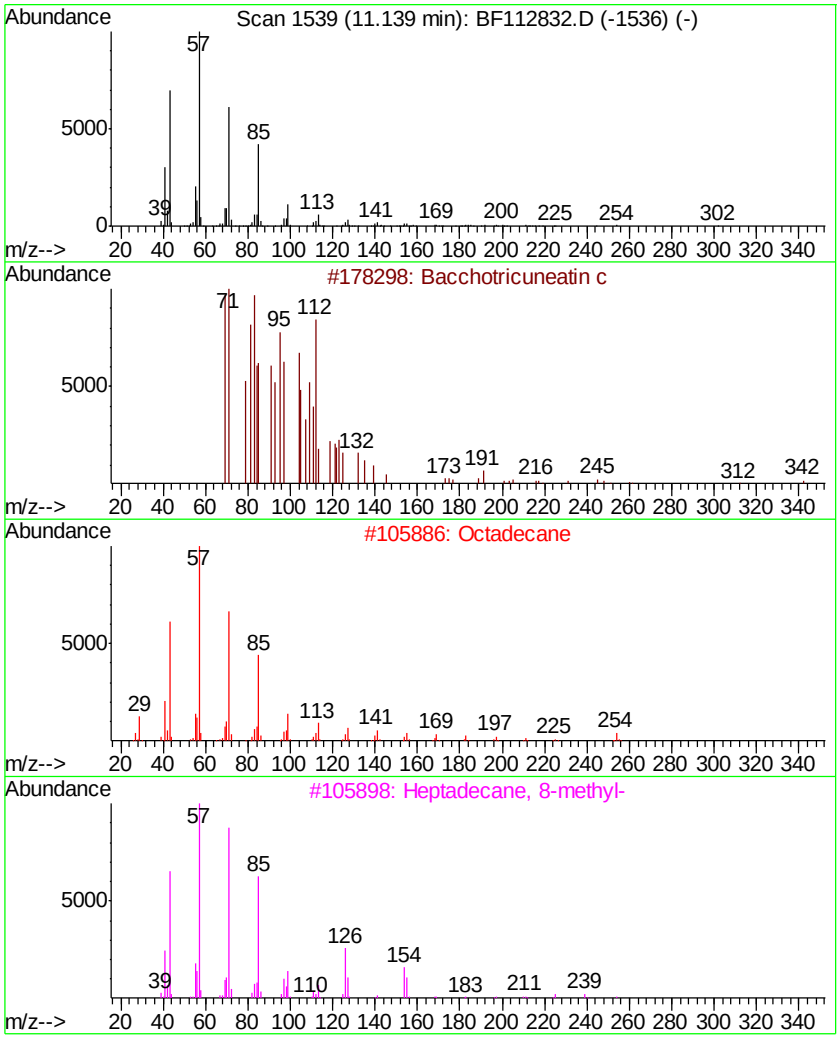
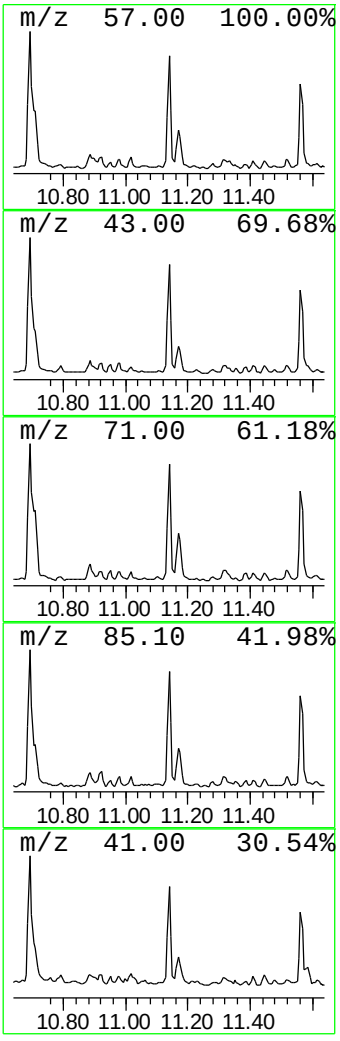
Peak Number 11 unknown11.14 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.14	11.93 ng	657198	Phenanthrene-d10	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bacchotricuneatin c	342	C20H22O5	066563-30-2	96
2	Octadecane	254	C18H38	000593-45-3	95
3	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	94
4	Hexadecane	226	C16H34	000544-76-3	90
5	Heneicosane	296	C21H44	000629-94-7	90





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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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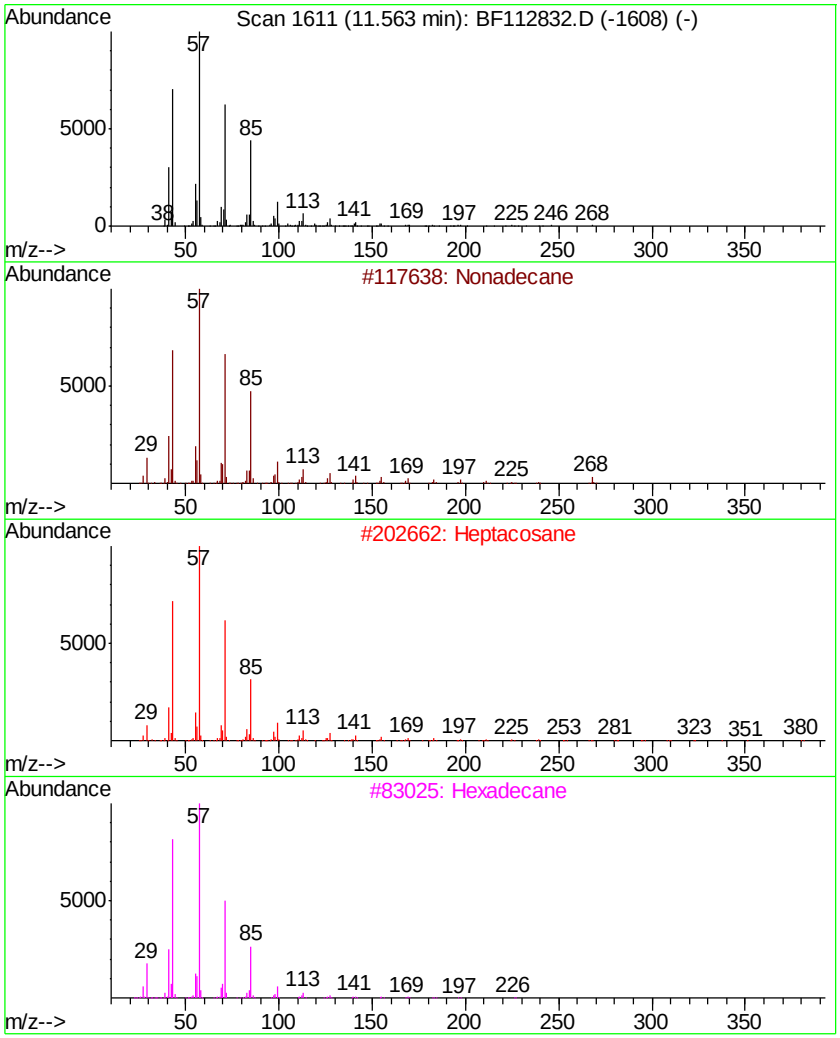
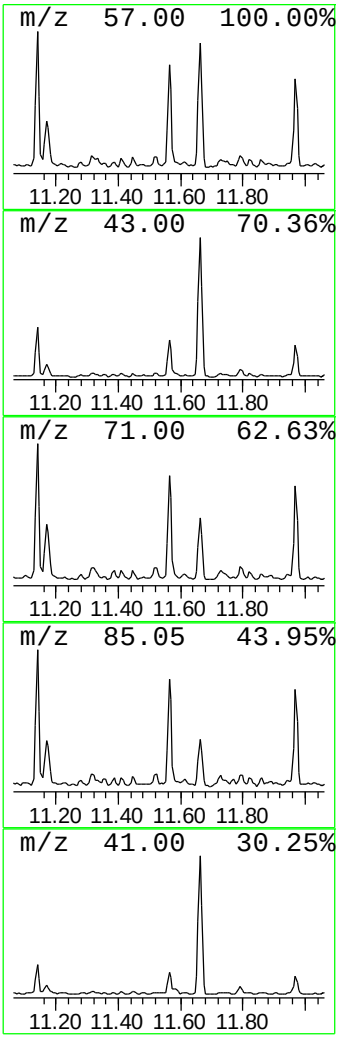
Peak Number 12 Nonadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.56	9.94 ng	547512	Phenanthrene-d10	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	97
2	Heptacosane	380	C27H56	000593-49-7	91
3	Hexadecane	226	C16H34	000544-76-3	90
4	Heptadecane	240	C17H36	000629-78-7	90
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90





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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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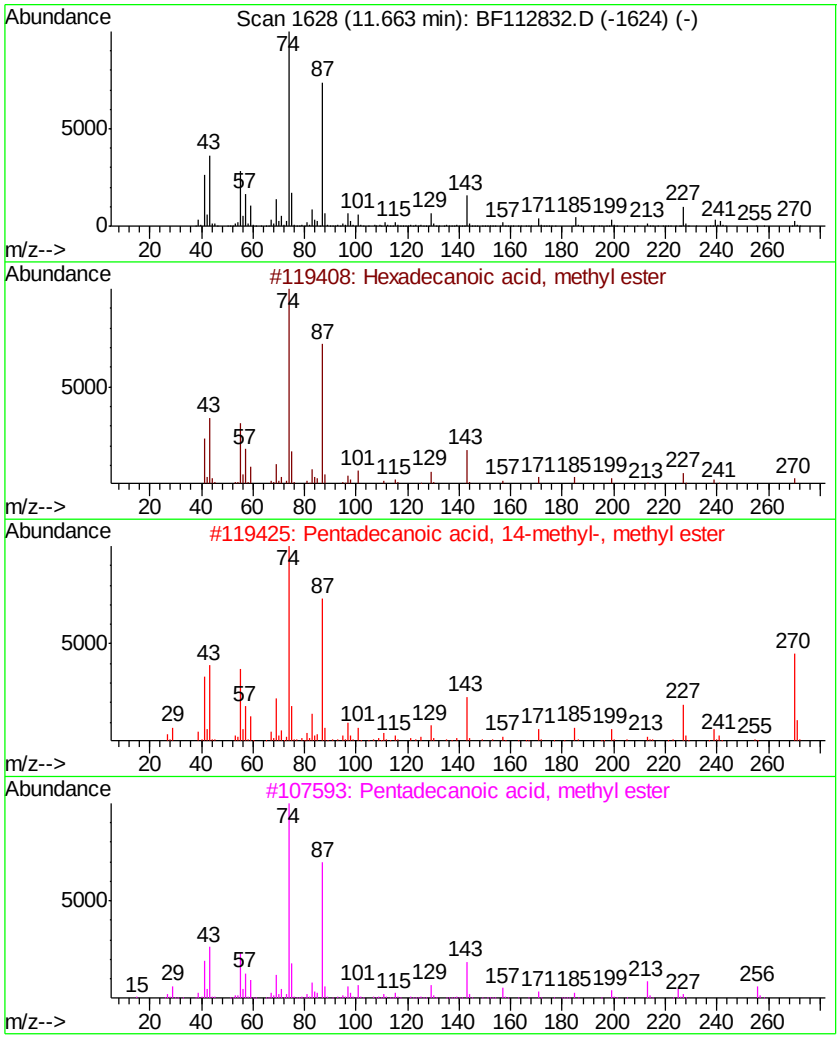
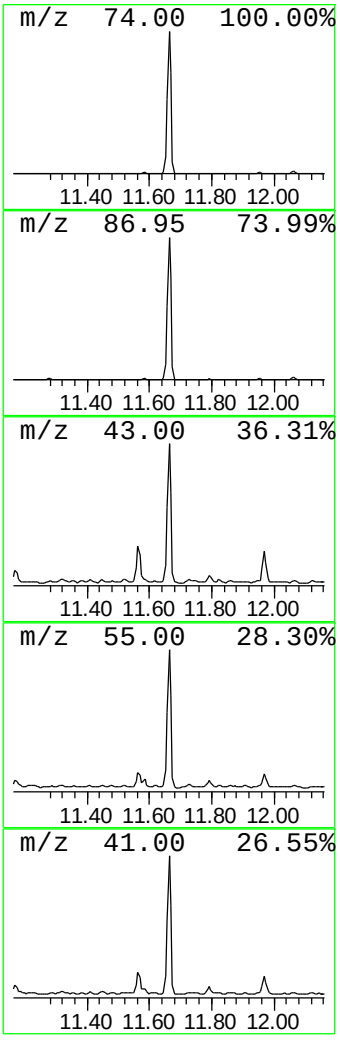
Peak Number 13 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.66	78.02 ng	4299190	Phenanthrene-d10	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	94
3	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
4	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	83
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	80





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Sample : K1688-03 5X
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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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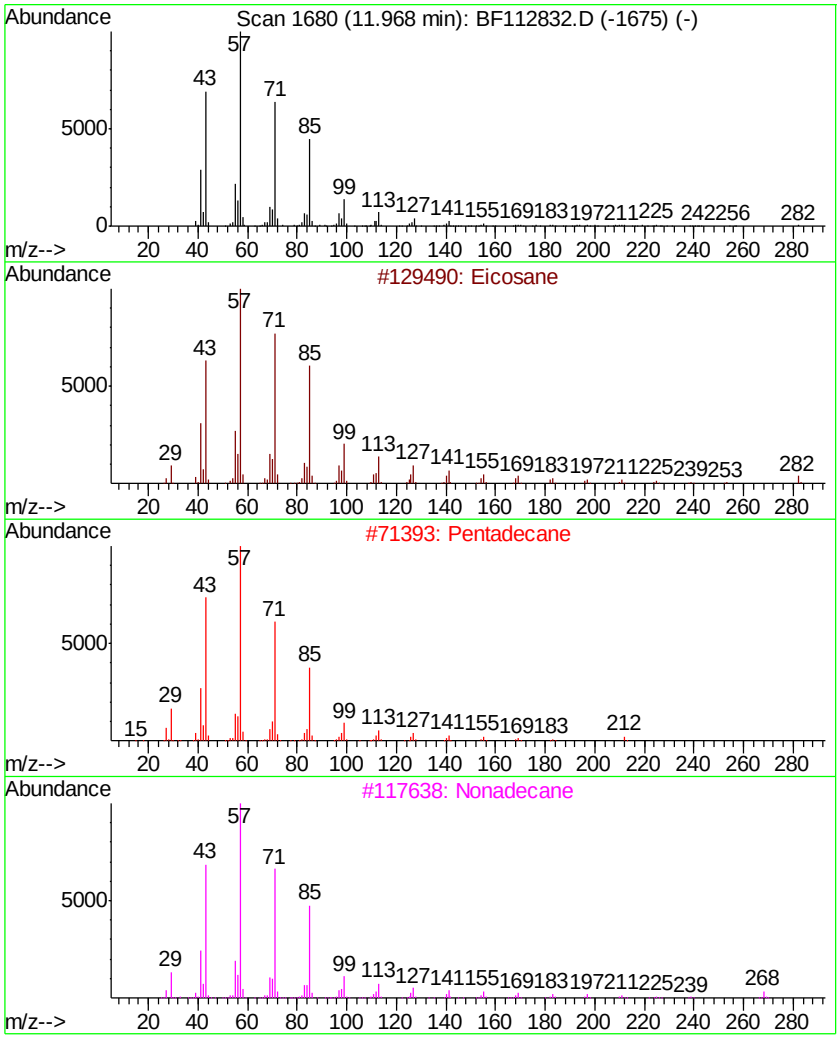
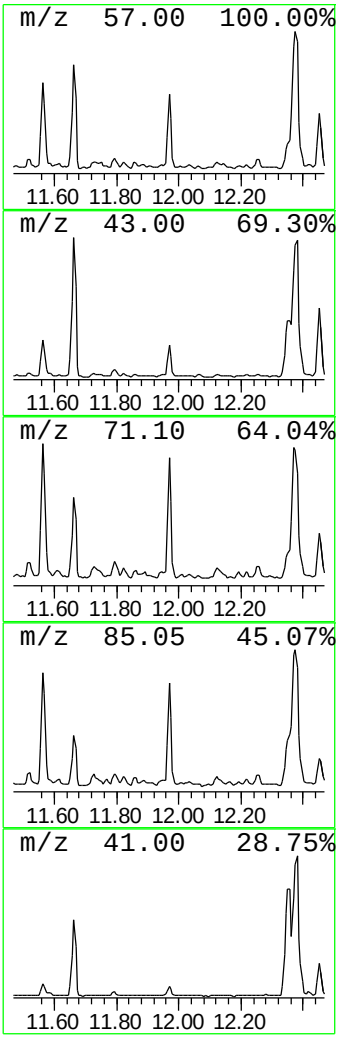
Peak Number 14 Eicosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	10.56 ng	582081	Phenanthrene-d10	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Pentadecane	212	C15H32	000629-62-9	91
3	Nonadecane	268	C19H40	000629-92-5	91
4	Heptacosane	380	C27H56	000593-49-7	91
5	Heneicosane	296	C21H44	000629-94-7	90





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

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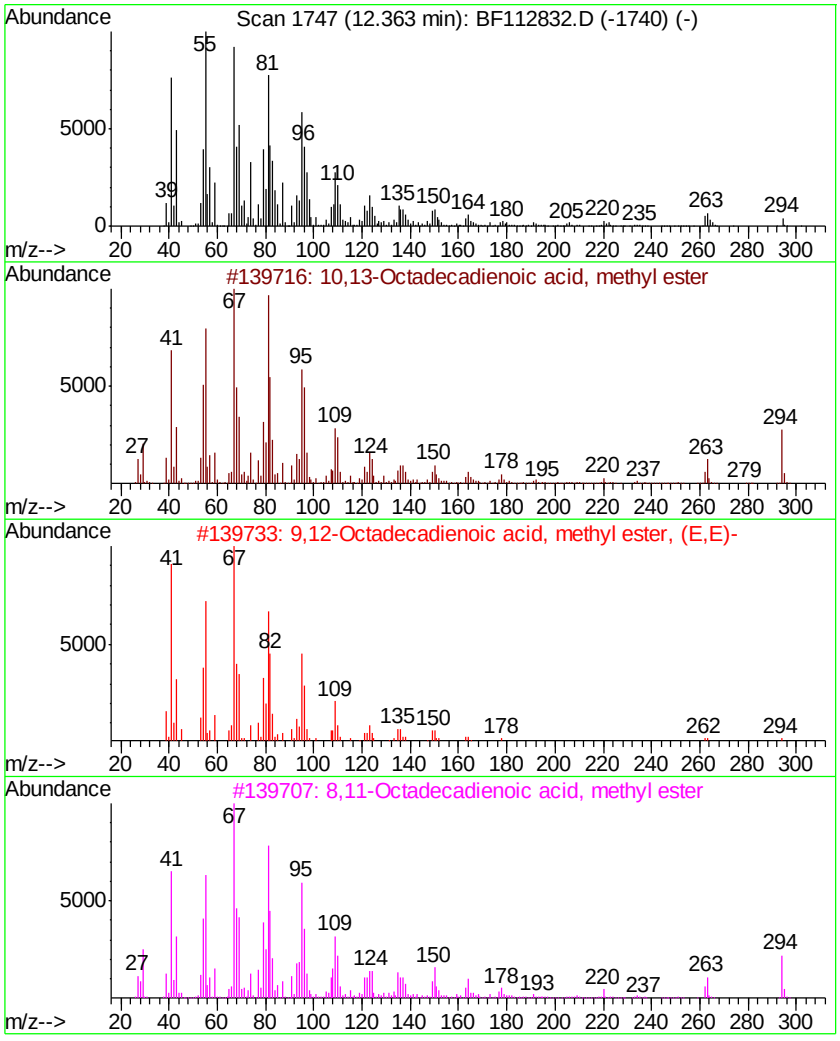
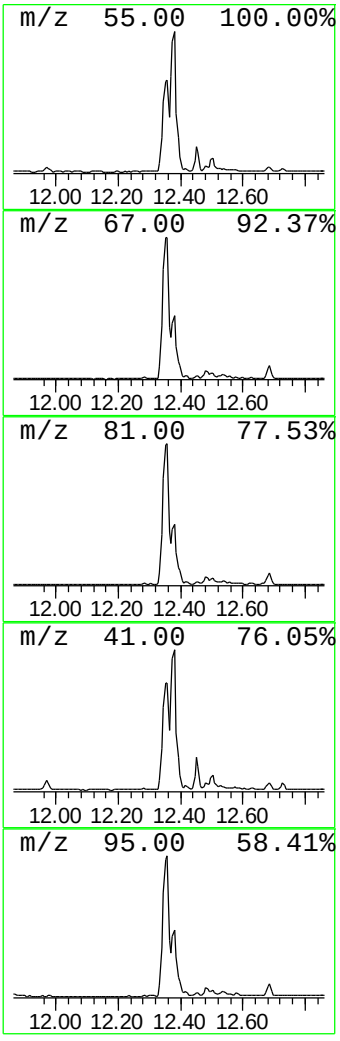
Peak Number 15 10,13-Octadecadienoic acid,... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	180.38 ng	9939340	Phenanthrene-d10	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
3	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99
4	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
5	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99





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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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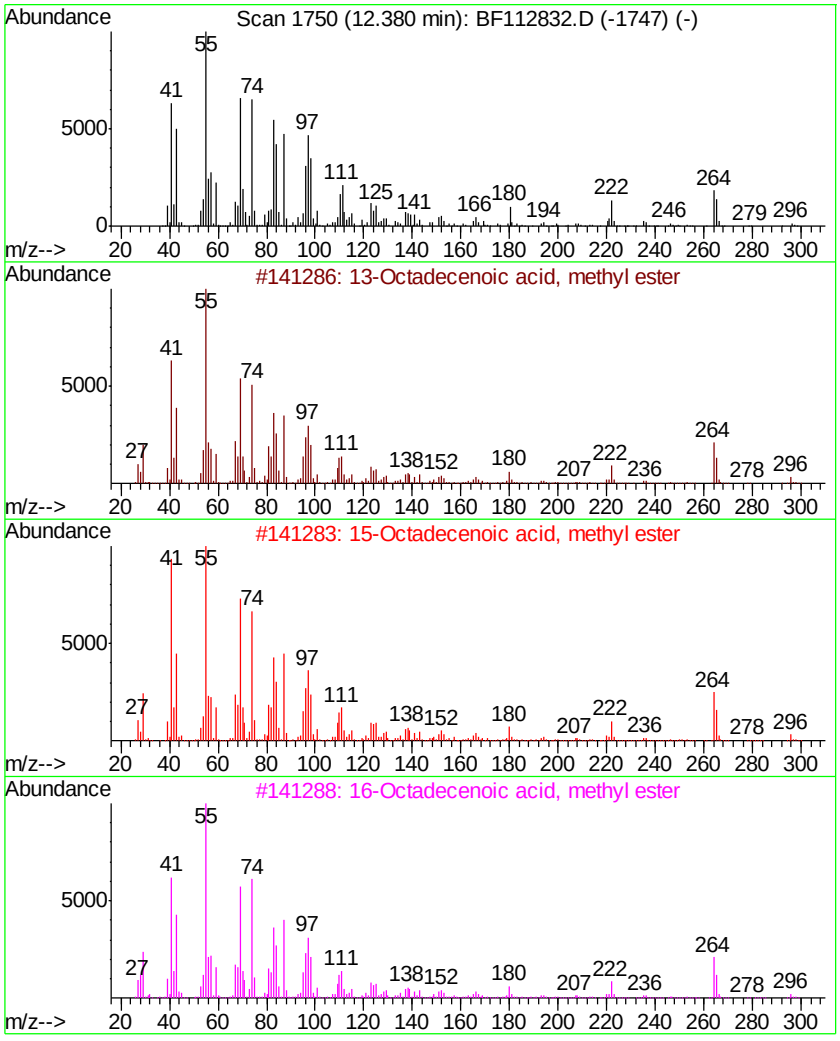
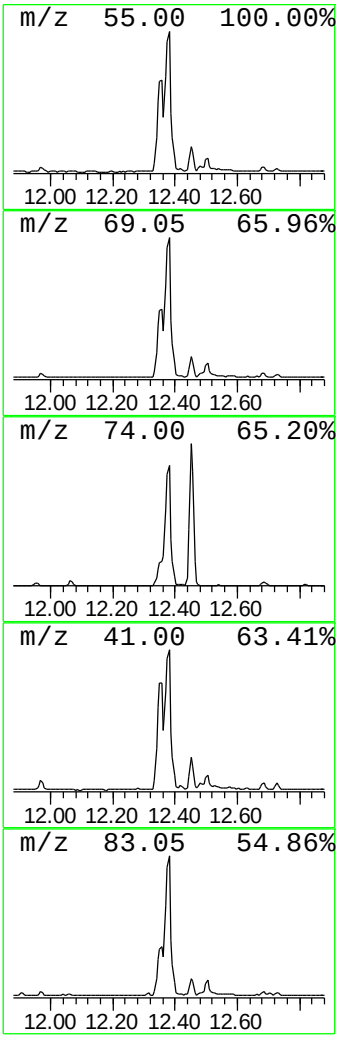
Peak Number 16 13-Octadecenoic acid, methy... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.38	197.43 ng	10879000	Phenanthrene-d10	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	96
2	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	96
3	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	96
4	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	96
5	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	95





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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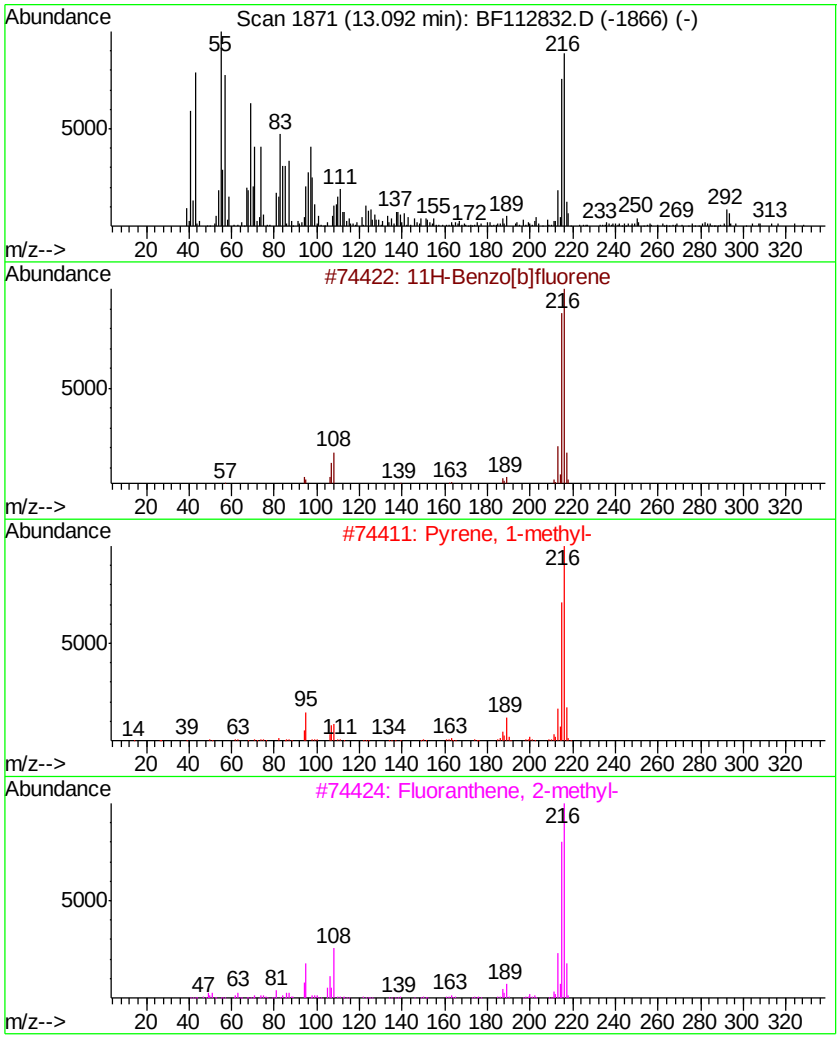
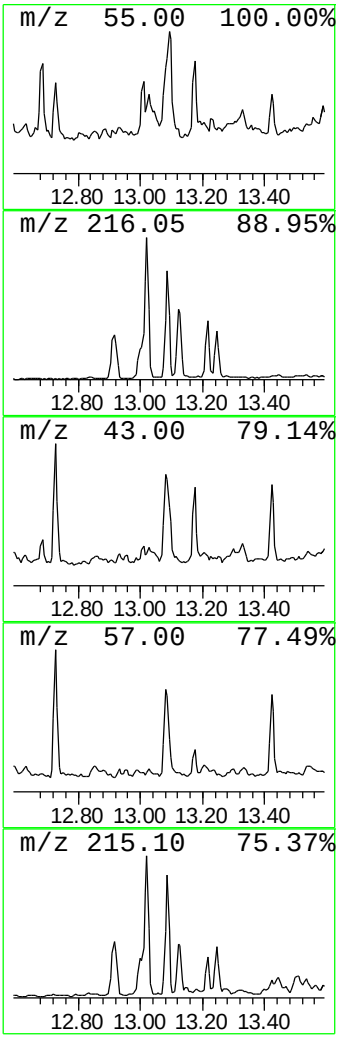
Peak Number 17 11H-Benzo[b]fluorene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.09	9.08 ng	777564	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	78
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	78
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	70





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ClientSampleId : JC-03-030119-B

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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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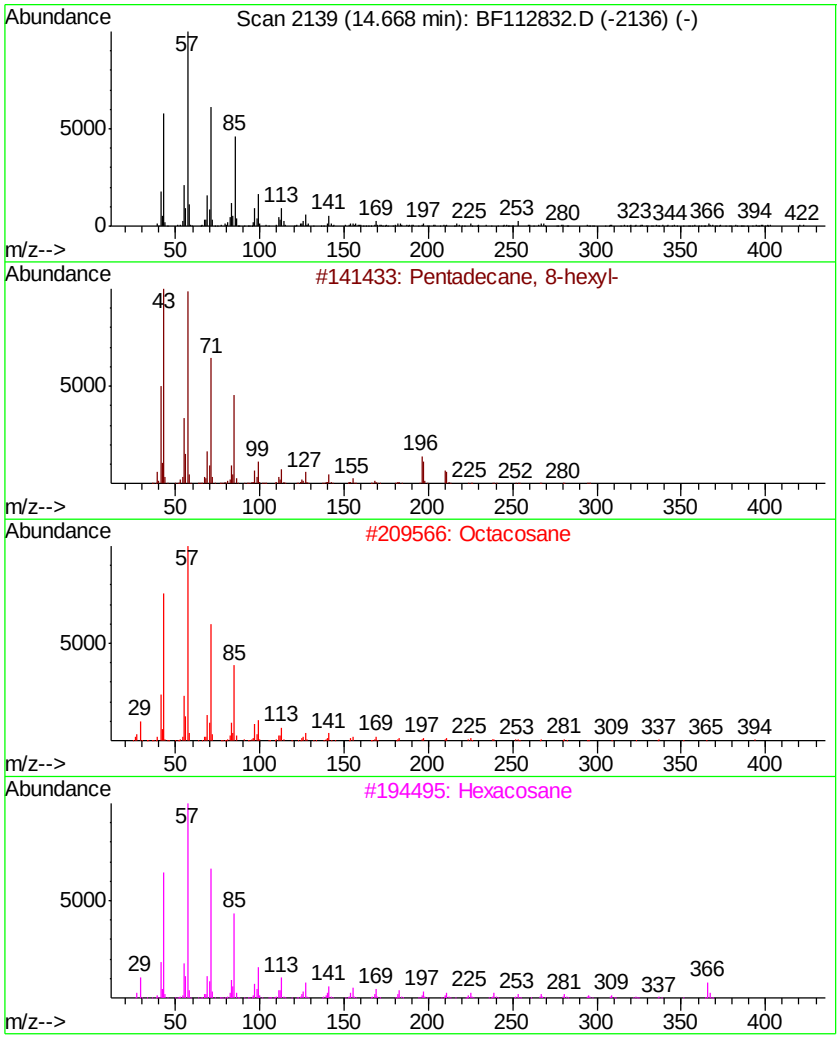
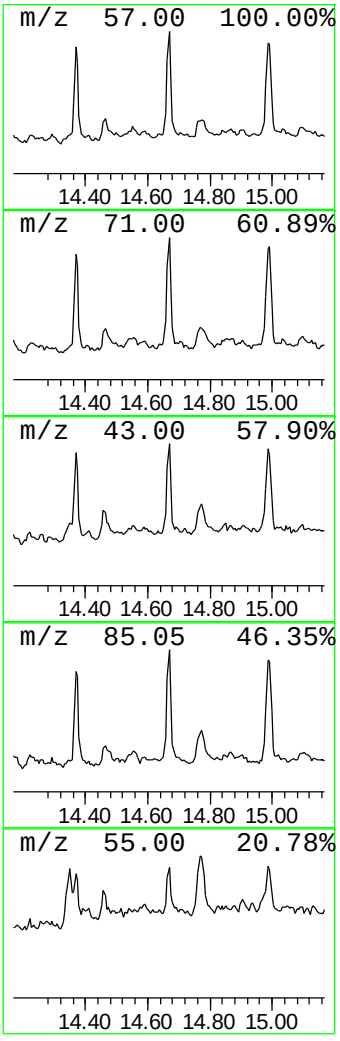
Peak Number 18 Pentadecane, 8-hexyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.67	9.16 ng	289875	Perylene-d12	15.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
2	Octacosane	394	C28H58	000630-02-4	93
3	Hexacosane	366	C26H54	000630-01-3	91
4	Triacontane	422	C30H62	000638-68-6	91
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	90





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Sample : K1688-03 5X
Misc :
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Instrument : BNA_F
ClientSampleId : JC-03-030119-B

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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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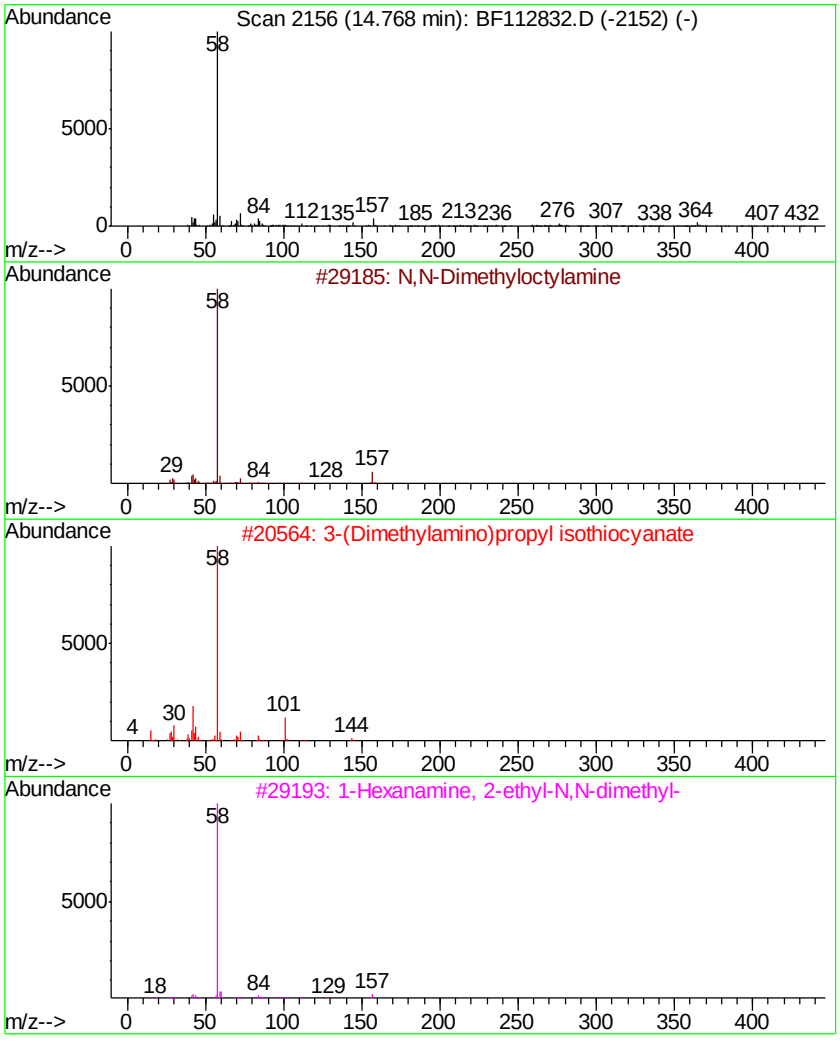
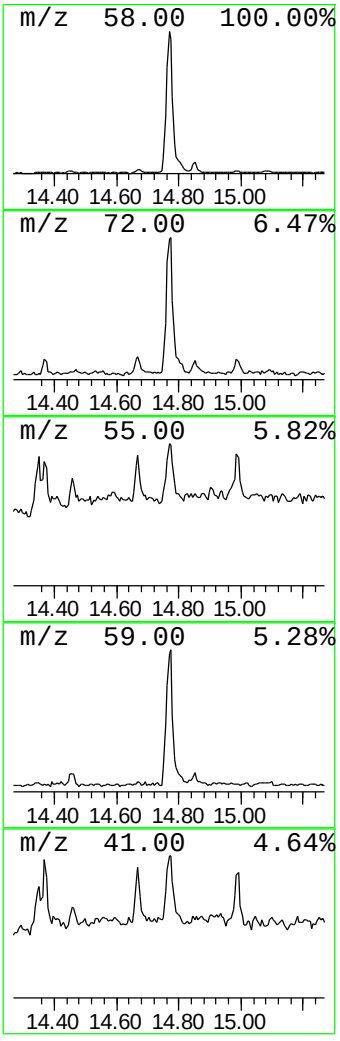
Peak Number 19 N,N-Dimethyloctylamine Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	27.84 ng	880987	Perylene-d12	15.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N,N-Dimethyloctylamine	157	C10H23N	007378-99-6	80
2	3-(Dimethylamino)propyl isothioc...	144	C6H12N2S	027421-70-1	72
3	1-Hexanamine, 2-ethyl-N,N-dimethyl-	157	C10H23N	028056-87-3	72
4	1-Dodecanamine, N,N-dimethyl-	213	C14H31N	000112-18-5	72
5	Octadecylbenzyldimethylammonium ...	423	C27H50ClN	000122-19-0	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
Data File : BF112832.D
Acq On : 4 Mar 2019 18:51
Operator : JU/SJ
Sample : K1688-03 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-030119-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

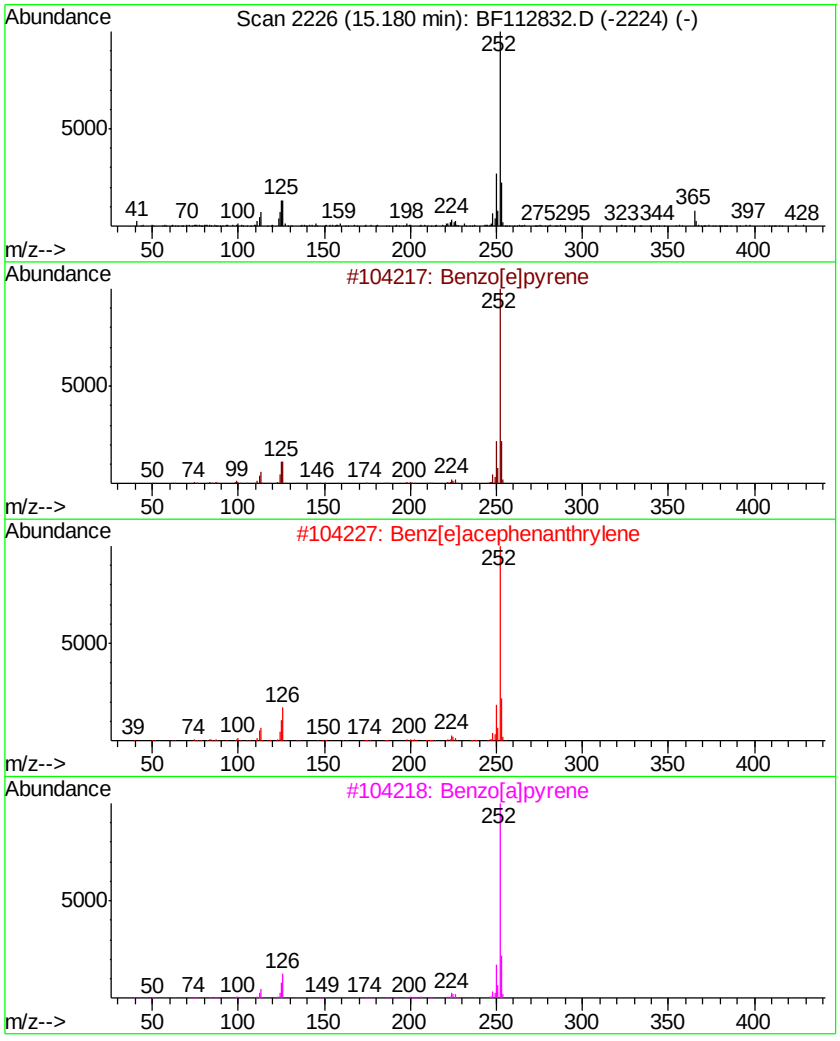
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

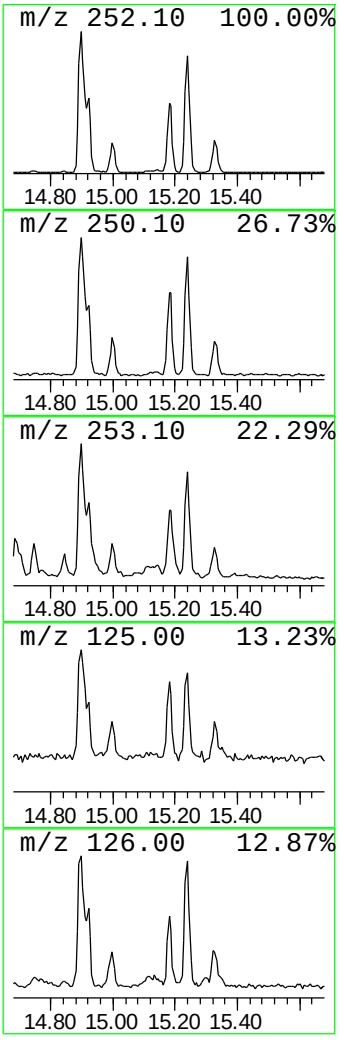
****

Peak Number 20 Benzo[e]pyrene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.18	7.28 ng	230248	Perylene-d12	15.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	98
3	Benzo[a]pyrene	252	C20H12	000050-32-8	96
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
5	Perylene	252	C20H12	000198-55-0	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030419\
Data File : BF112832.D
Acq On : 4 Mar 2019 18:51
Operator : JU/SJ
Sample : K1688-03 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-030119-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.51	6.51	23.7	ng	1029590	1	6.75	870302	20.0
Decane	6.60	11.2	ng	487945	1	6.75	870302	20.0
Undecane	7.36	20.2	ng	879219	1	6.75	870302	20.0
Tridecane	8.63	11.7	ng	1274920	2	8.03	2177490	20.0
Tetradecane	9.20	18.6	ng	1195480	3	9.77	1289200	20.0
Pentadecane	9.72	14.5	ng	935167	3	9.77	1289200	20.0
Bacchotricuneatin c	10.22	12.2	ng	788061	3	9.77	1289200	20.0
Heptadecane	10.69	20.6	ng	1133570	4	11.26	1102080	20.0
unknown11.14	11.14	11.9	ng	657198	4	11.26	1102080	20.0
Nonadecane	11.56	9.9	ng	547512	4	11.26	1102080	20.0
Hexadecanoic acid...	11.66	78.0	ng	4299190	4	11.26	1102080	20.0
Eicosane	11.97	10.6	ng	582081	4	11.26	1102080	20.0
10,13-Octadecadie...	12.36	180.4	ng	9939340	4	11.26	1102080	20.0
13-Octadecenoic a...	12.38	197.4	ng	10879000	4	11.26	1102080	20.0
11H-Benzo[b]fluorene	13.09	9.1	ng	777564	5	13.89	1713350	20.0
Pentadecane, 8-he...	14.67	9.2	ng	289875	6	15.30	632787	20.0
N,N-Dimethyloctyl...	14.77	27.8	ng	880987	6	15.30	632787	20.0
Benzo[e]pyrene	15.18	7.3	ng	230248	6	15.30	632787	20.0