LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101818\
Data File : BF109985.D
Acq On : 19 Oct 2018 3:18
Operator : JU/SJ
Sample : J5204-05 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-101718-A

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-BF101518.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	2.305	33	37	53	rVB	291558	401640	6.60%	0.563%
2	5.204	527	530	536	rBV	111455	118057	1.94%	0.165%
3	5.593	592	596	599	rBV	2533120	2210904	36.31%	3.097%
4	6.593	761	766	770	rBV2	2482653	2487562	40.86%	3.484%
5	6.745	787	792	795	rVB	2452757	2338860	38.41%	3.276%
6	6.975	827	831	835	rVB	1586411	1259575	20.69%	1.764%
7	7.134	852	858	860	rBV	2092624	1778744	29.21%	2.491%
8	7.534	923	926	929	rVV	1595550	1367758	22.46%	1.916%
9	7.992	1001	1004	1009	rBV2	142271	166740	2.74%	0.234%
10	8.039	1009	1012	1020	rVB	77420	100420	1.65%	0.141%
11	8.257	1045	1049	1051	rBV	1746580	1551968	25.49%	2.174%
12	8.281	1051	1053	1056	rVB	837592	610228	10.02%	0.855%
13	8.975	1167	1171	1174	rVB	552597	468235	7.69%	0.656%
14	9.075	1183	1188	1191	rBV	1112100	1016103	16.69%	1.423%
15	9.334	1228	1232	1235	rBV	2615713	2114790	34.73%	2.962%
16	9.433	1247	1249	1253	rVB	153670	129705	2.13%	0.182%
17	9.533	1263	1266	1271	rVB	171095	213266	3.50%	0.299%
18	9.604	1273	1278	1281	rBV	450451	598800	9.83%	0.839%
19	9.675	1286	1290	1292	rBV	731805	694939	11.41%	0.973%
20	9.698	1292	1294	1296	rVV	376113	277931	4.56%	0.389%
21	9.722	1296	1298	1306	rVB	405761	377827	6.21%	0.529%
22	9.792	1306	1310	1312	rBV	368657	344276	5.65%	0.482%
23	9.875	1321	1324	1328	rVB2	380915	350162	5.75%	0.490%
24	9.933	1331	1334	1338	rVB	114205	108147	1.78%	0.151%
25	9.992	1342	1344	1346	rBV	136832	140901	2.31%	0.197%
26	10.022	1346	1349	1351	rVV	1550296	1396794	22.94%	1.956%
27	10.051	1351	1354	1357	rVB	1060794	800404	13.15%	1.121%
28	10.122	1362	1366	1370	rBV2	129815	183157	3.01%	0.257%
29	10.222	1379	1383	1386	rVV2	646128	615882	10.12%	0.863%
30	10.257	1386	1389	1393	rVV	247579	201195	3.30%	0.282%
31	10.333	1398	1402	1404	rBV2	205799	225971	3.71%	0.317%
32	10.363	1404	1407	1413	rVB	156928	161181	2.65%	0.226%
33	10.433	1413	1419	1423	rBV3	193519	374341	6.15%	0.524%
34	10.569	1438	1442	1447	rVV	1192211	1078874	17.72%	1.511%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101818\
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Operator : JU/SJ
Sample : J5204-05 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-101718-A

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-BF101518.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.651	1454	1456	1459	rVV2	228436	226927	3.73%	0.318%
36	10.722	1463	1468	1472	rVB2	210166	259555	4.26%	0.364%
37	10.804	1475	1482	1486	rBV2	1393026	1440172	23.65%	2.017%
38	10.910	1497	1500	1501	rBV	171103	160013	2.63%	0.224%
39	11.116	1529	1535	1537	rBV2	279905	355095	5.83%	0.497%
40	11.145	1537	1540	1542	rVV2	180930	183732	3.02%	0.257%
41	11.198	1546	1549	1552	rVB	199411	174477	2.87%	0.244%
42	11.239	1552	1556	1558	rBV4	101074	153781	2.53%	0.215%
43	11.263	1558	1560	1565	rVV3	111528	137089	2.25%	0.192%
44	11.357	1572	1576	1579	rBV2	223722	219303	3.60%	0.307%
45	11.404	1582	1584	1588	rVB	362678	320164	5.26%	0.448%
46	11.510	1598	1602	1604	rBV	1397497	1318742	21.66%	1.847%
47	11.539	1604	1607	1610	rVV	3864556	3271138	53.73%	4.582%
48	11.586	1610	1615	1618	rVV	1195913	957555	15.73%	1.341%
49	11.616	1618	1620	1623	rVV	100314	112906	1.85%	0.158%
50	11.739	1638	1641	1646	rBV	284831	296851	4.88%	0.416%
51	11.839	1655	1658	1663	rVV2	180986	201436	3.31%	0.282%
52	11.886	1663	1666	1669	rVV	2079615	1625508	26.70%	2.277%
53	11.922	1669	1672	1676	rVB	101366	118118	1.94%	0.165%
54	12.010	1684	1687	1690	rBV	575700	568822	9.34%	0.797%
55	12.039	1690	1692	1696	rVB	751683	588380	9.66%	0.824%
56	12.086	1697	1700	1703	rBV	292999	261042	4.29%	0.366%
57	12.127	1703	1707	1709	rBV2	981947	1043201	17.13%	1.461%
58	12.145	1709	1710	1714	rVB	416612	284259	4.67%	0.398%
59	12.192	1715	1718	1720	rBV2	137737	121859	2.00%	0.171%
60	12.304	1729	1737	1740	rBV	334849	371166	6.10%	0.520%
61	12.333	1740	1742	1748	rVB3	78051	109595	1.80%	0.154%
62	12.580	1777	1784	1786	rBV2	5664452	6088558	100.00%	8.528%
63	12.598	1786	1787	1793	rVV2	4263339	3561131	58.49%	4.988%
64	12.651	1793	1796	1798	rVV	128999	175414	2.88%	0.246%
65	12.680	1798	1801	1805	rVB	967371	804759	13.22%	1.127%
66	12.727	1805	1809	1813	rBV	2742010	2631458	43.22%	3.686%
67	12.769	1813	1816	1818	rVV	113817	118930	1.95%	0.167%
68	12.822	1822	1825	1827	rVB	151892	122569	2.01%	0.172%
69	12.880	1832	1835	1837	rBV	149135	123999	2.04%	0.174%
70	12.963	1843	1849	1854	rVB	2495972	2878101	47.27%	4.031%
71	13.004	1854	1856	1860	rVB2	152145	175776	2.89%	0.246%

LSC Area Percent Report

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Sample : J5204-05 2X
Misc :
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Instrument : BNA_F
ClientSampleId : SU-03-101718-A

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

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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.092	1860	1871	1874	rBV	1797529	1846157	30.32%	2.586%
73	13.174	1880	1885	1888	rBV3	220892	368218	6.05%	0.516%
74	13.286	1895	1904	1906	rVB	583491	835062	13.72%	1.170%
75	13.351	1913	1915	1917	rVB	556095	398930	6.55%	0.559%
76	13.386	1917	1921	1923	rBV2	266411	283584	4.66%	0.397%
77	13.480	1935	1937	1940	rVB	191851	155043	2.55%	0.217%
78	13.516	1940	1943	1949	rVB	266554	281716	4.63%	0.395%
79	13.769	1983	1986	1988	rBV3	100327	127969	2.10%	0.179%
80	13.904	2007	2009	2012	rVB	159147	129017	2.12%	0.181%
81	13.933	2012	2014	2016	rVB	205097	146436	2.41%	0.205%
82	13.957	2016	2018	2019	rBV	139134	114661	1.88%	0.161%
83	14.074	2036	2038	2044	rVB2	129754	112567	1.85%	0.158%
84	14.151	2047	2051	2054	rVV2	1608107	2299973	37.78%	3.222%
85	14.180	2054	2056	2061	rVB	1061196	947139	15.56%	1.327%
86	14.263	2068	2070	2072	rBV	194469	136560	2.24%	0.191%
87	14.298	2073	2076	2081	rVV2	195081	194682	3.20%	0.273%
88	14.539	2115	2117	2120	rVB	226077	201229	3.31%	0.282%
89	14.604	2126	2128	2132	rBV2	154965	150753	2.48%	0.211%
90	14.668	2137	2139	2141	rVV	148783	141976	2.33%	0.199%
91	14.692	2141	2143	2147	rVB	185818	178748	2.94%	0.250%
92	14.927	2181	2183	2188	rVB2	166819	152970	2.51%	0.214%
93	15.227	2230	2234	2238	rBV	534943	926539	15.22%	1.298%
94	15.286	2241	2244	2250	rVB2	286178	350639	5.76%	0.491%
95	15.339	2251	2253	2257	rVB	114277	116737	1.92%	0.164%
96	15.551	2286	2289	2295	rVB	323602	394750	6.48%	0.553%
97	15.615	2296	2300	2307	rBV	540961	710610	11.67%	0.995%
98	15.686	2308	2312	2316	rBV2	847953	1122880	18.44%	1.573%
99	16.151	2388	2391	2396	rVB	243622	340602	5.59%	0.477%
100	17.245	2573	2577	2586	rVB2	219015	401086	6.59%	0.562%

Sum of corrected areas: 71394151

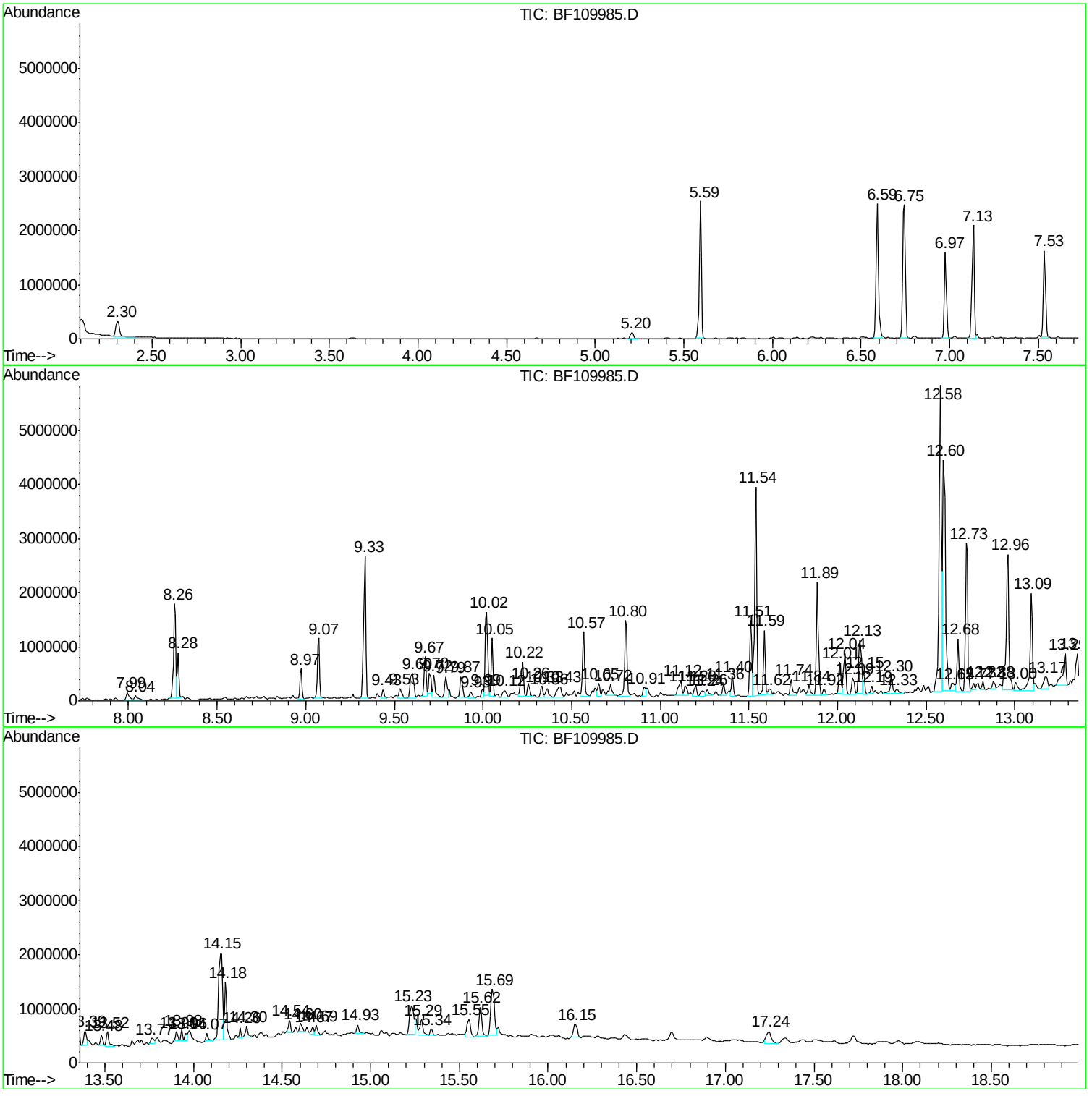
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101818\
Data File : BF109985.D
Acq On : 19 Oct 2018 3:18
Operator : JU/SJ
Sample : J5204-05 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-101718-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.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\BF101818\
Data File : BF109985.D
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Instrument : BNA_F
ClientSampleId : SU-03-101718-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

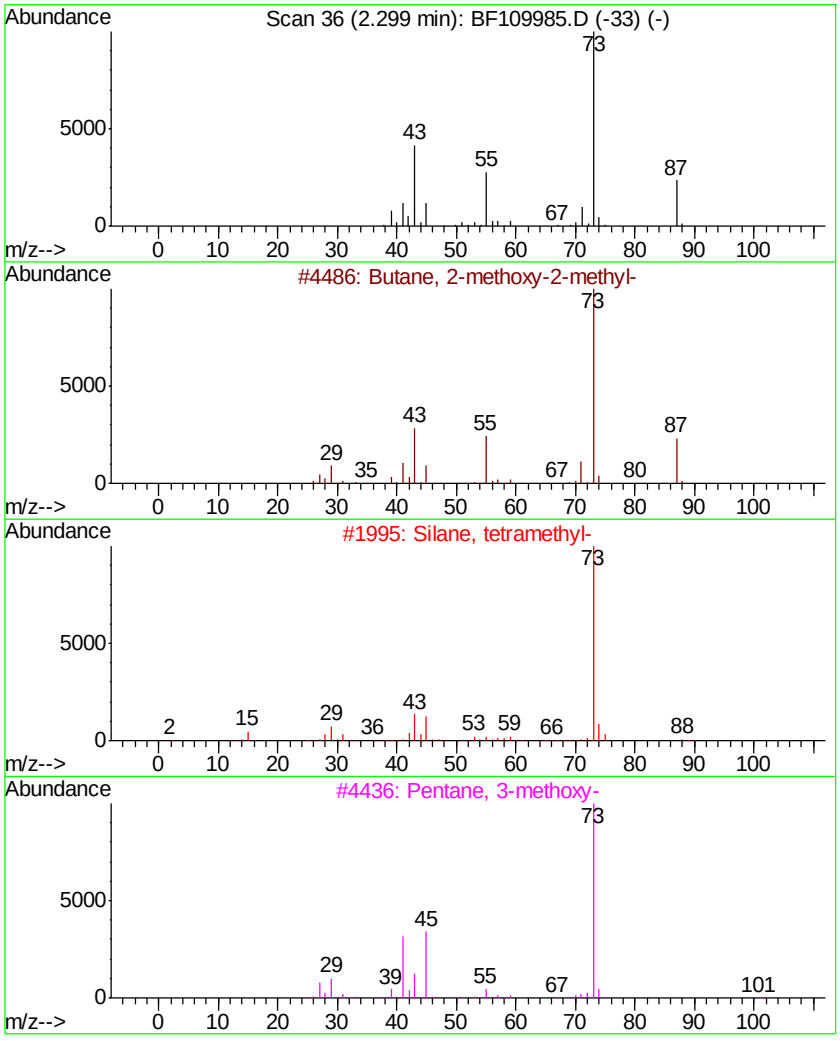
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

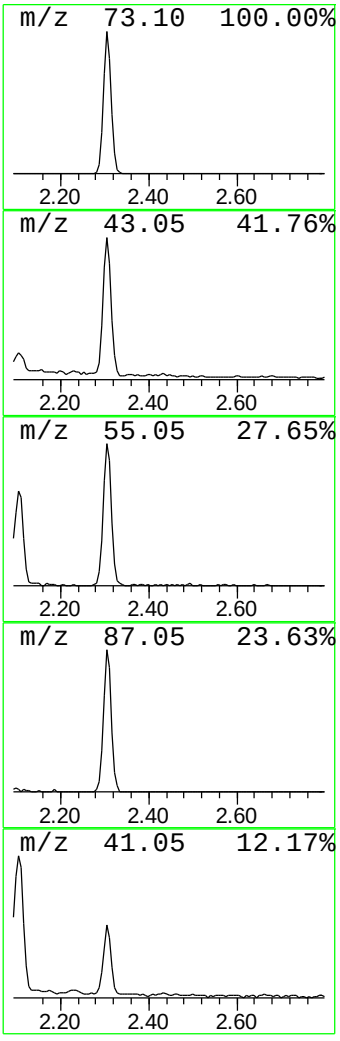
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.30	6.38 ng	401640	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	43
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101818\
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Acq On : 19 Oct 2018 3:18
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Instrument : BNA_F
ClientSampleId : SU-03-101718-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

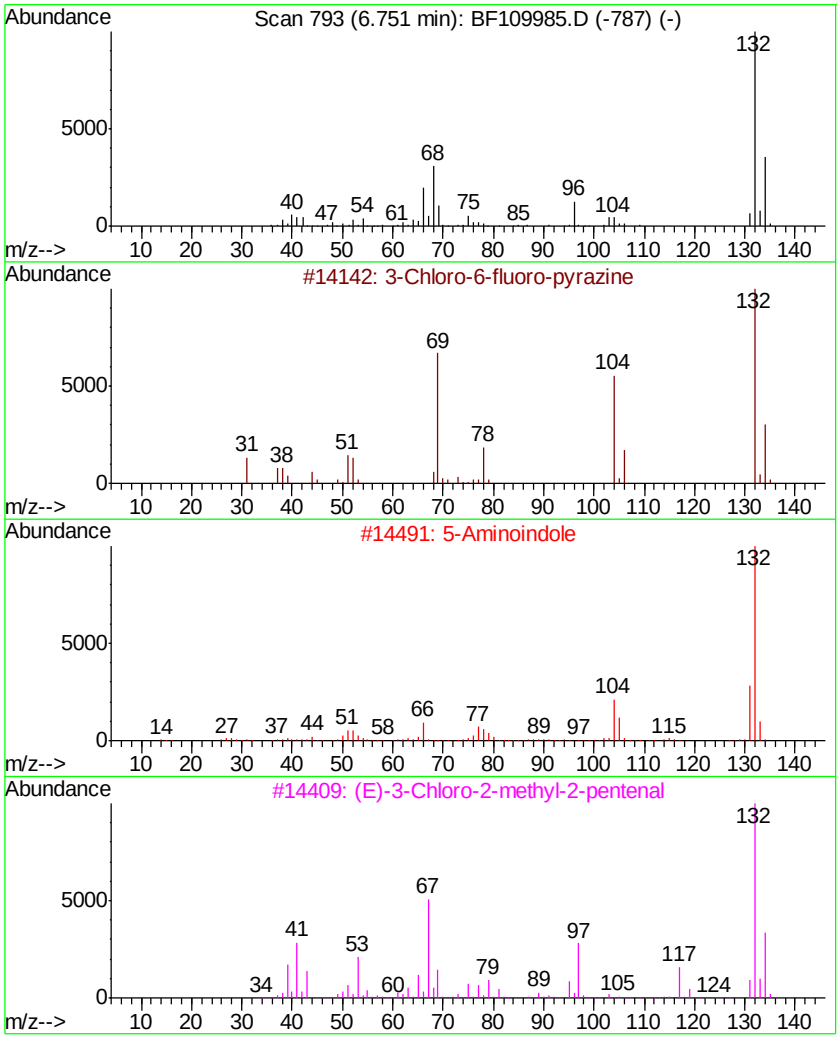
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

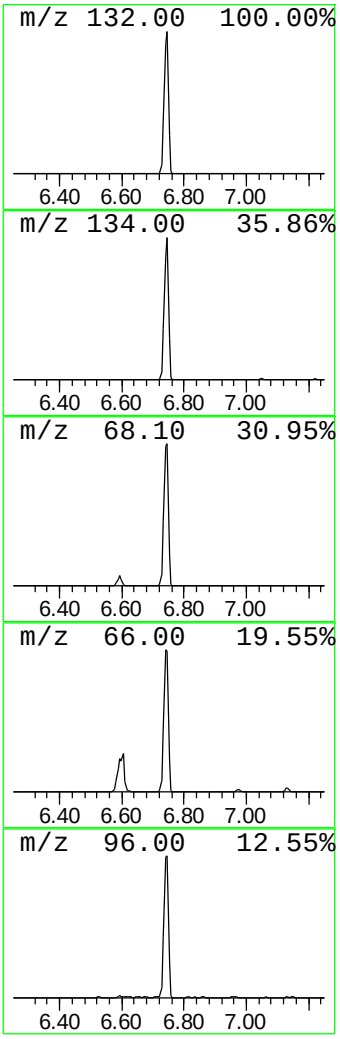
****

Peak Number 2 unknown6.75 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.75	37.14 ng	2338860	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	10
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

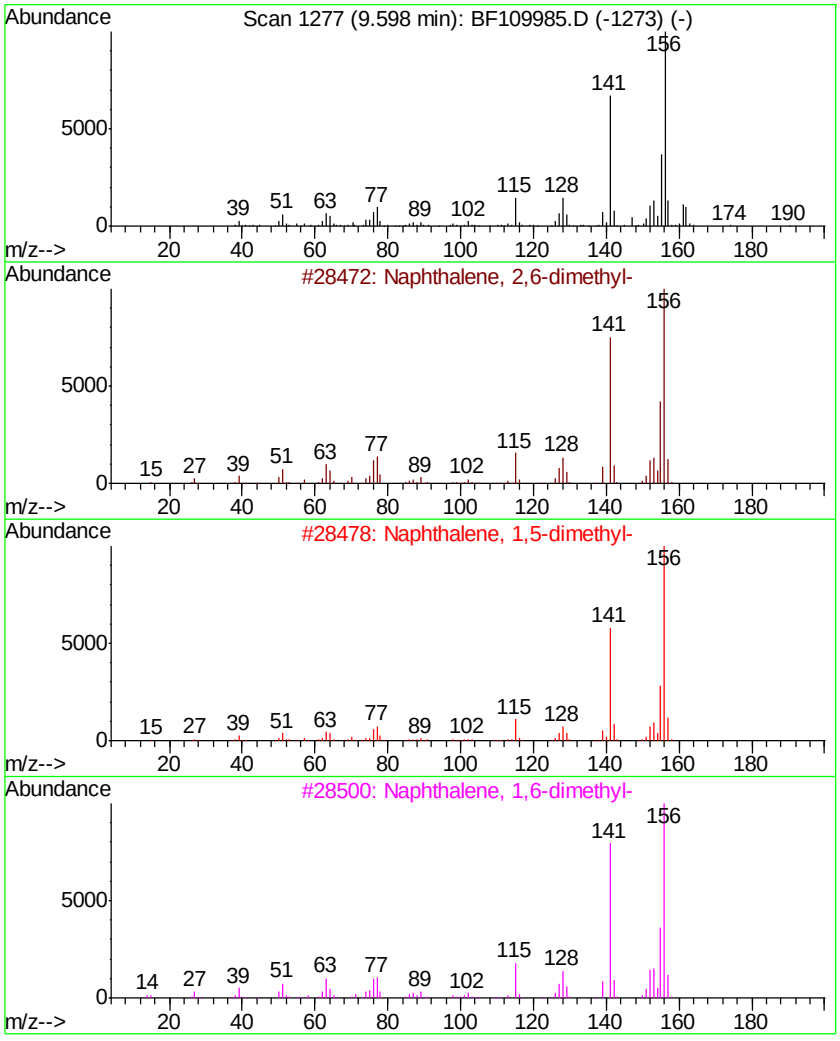
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

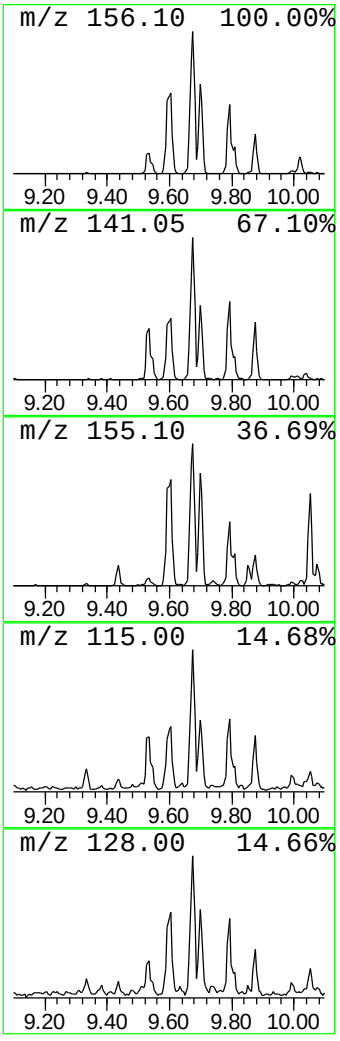
****

Peak Number 4 Naphthalene, 2,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.60	8.57 ng	598800	Acenaphthene-d10	10.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96





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Misc :
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Instrument : BNA_F
ClientSampleId : SU-03-101718-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

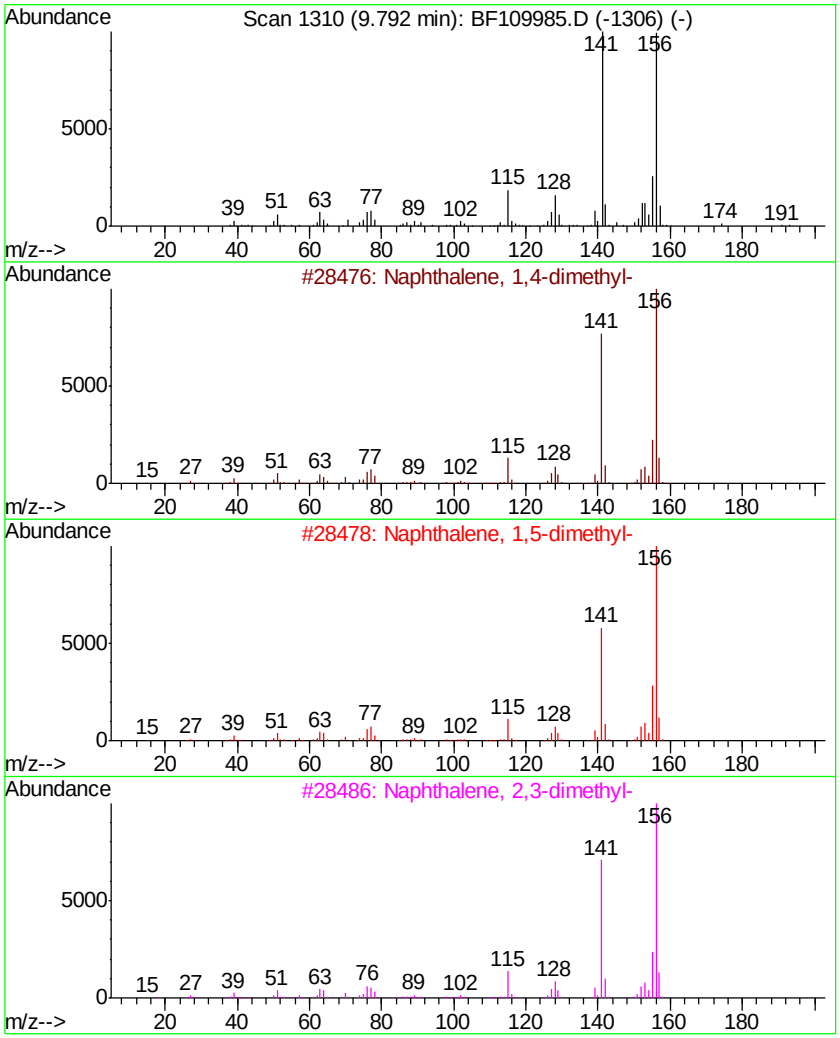
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

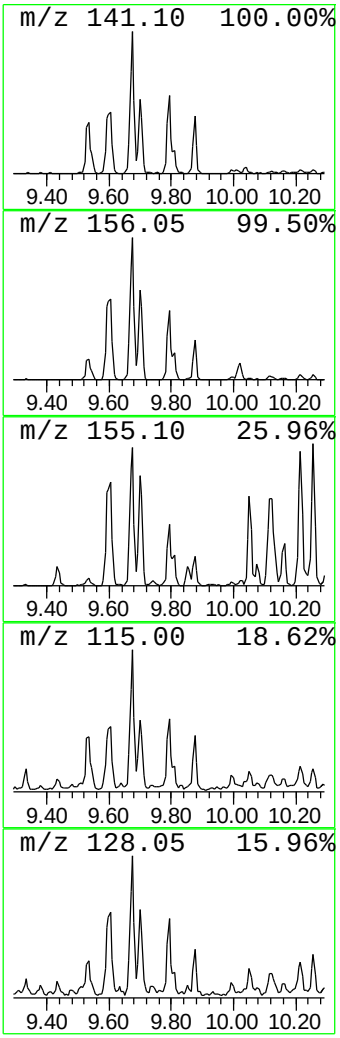
****

Peak Number 5 Naphthalene, 1,4-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.79	4.93 ng	344276	Acenaphthene-d10	10.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101818\
Data File : BF109985.D
Acq On : 19 Oct 2018 3:18
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Sample : J5204-05 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-101718-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

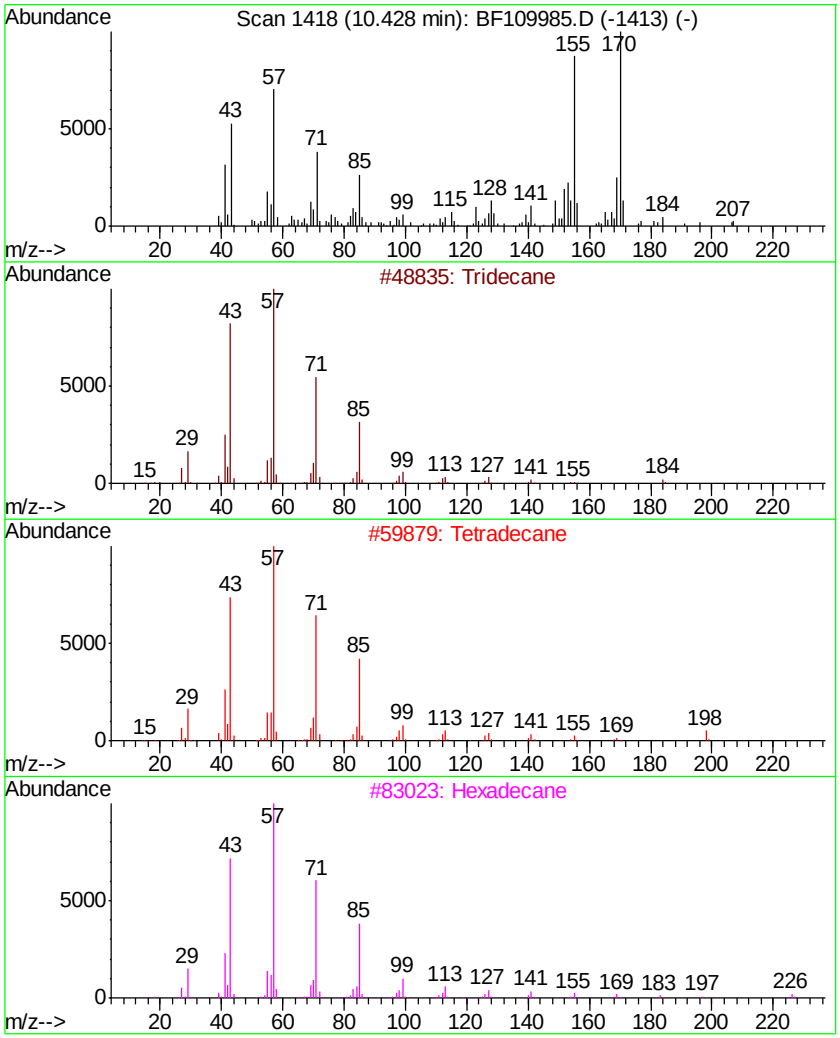
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

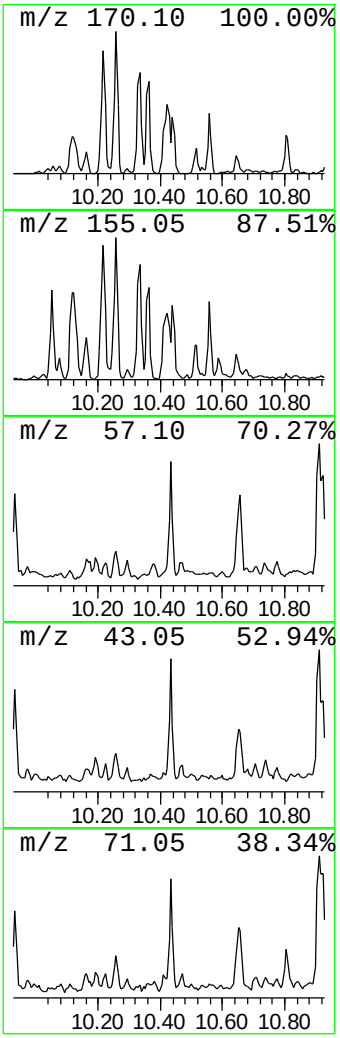
****

Peak Number 6 Tridecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.43	5.36 ng	374341	Acenaphthene-d10	10.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	90
2	Tetradecane	198	C14H30	000629-59-4	46
3	Hexadecane	226	C16H34	000544-76-3	46
4	Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	46
5	Pentadecane	212	C15H32	000629-62-9	46





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Acq On : 19 Oct 2018 3:18
Operator : JU/SJ
Sample : J5204-05 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-101718-A

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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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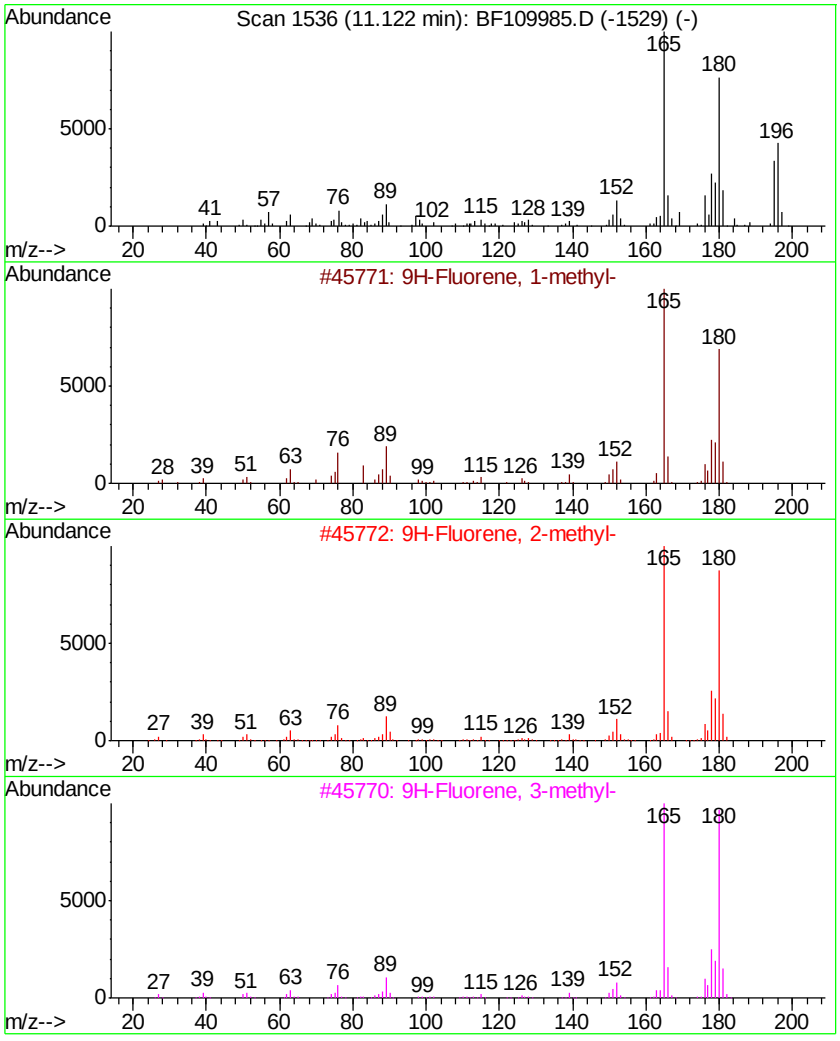
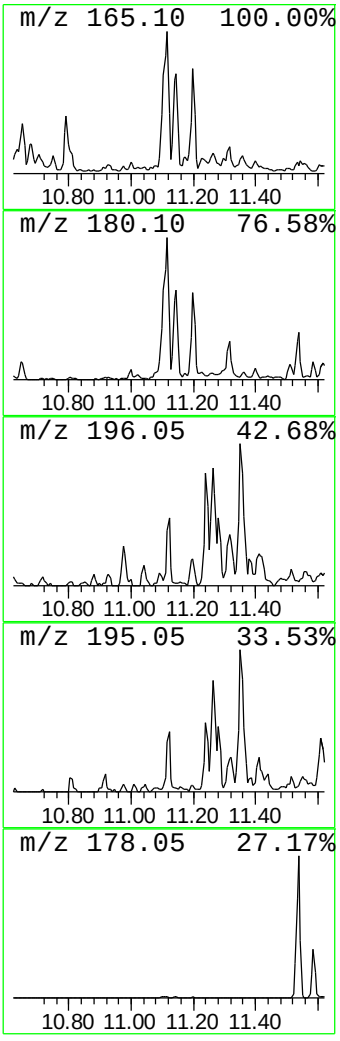
Peak Number 7 9H-Fluorene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.12	5.39 ng	355095	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	97
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	97
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	95
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	94
5	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	86





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ClientSampleId : SU-03-101718-A

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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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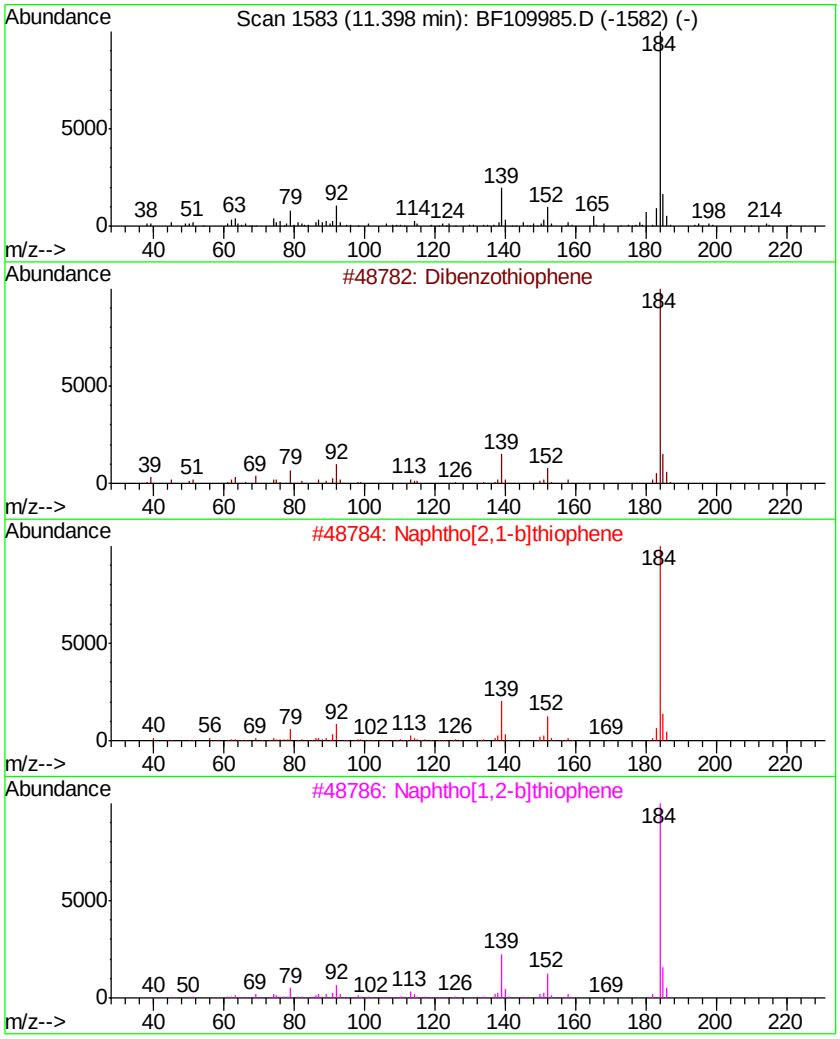
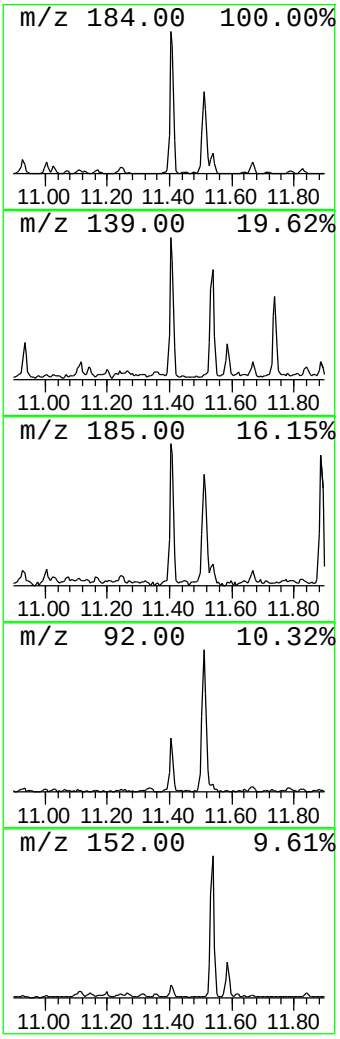
Peak Number 8 Dibenzothiophene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.40	4.86 ng	320164	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	93
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	91
5	1,1'-Biphenyl, 2-methoxy-	184	C13H12O	000086-26-0	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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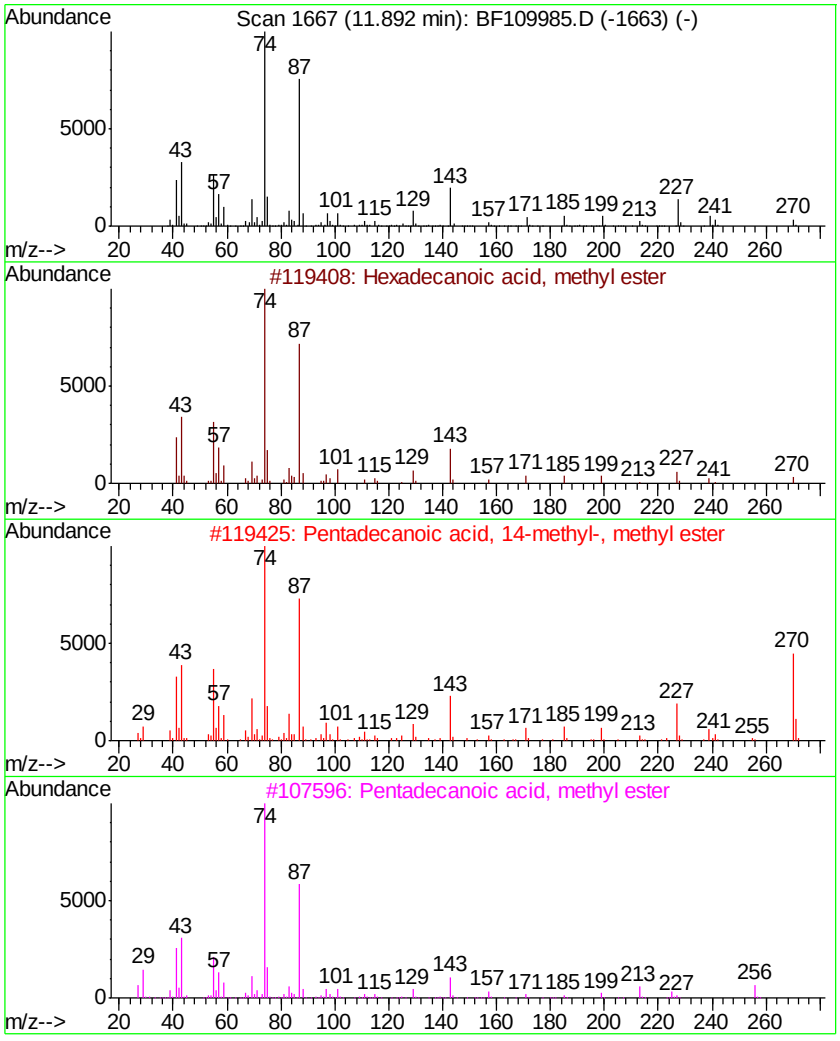
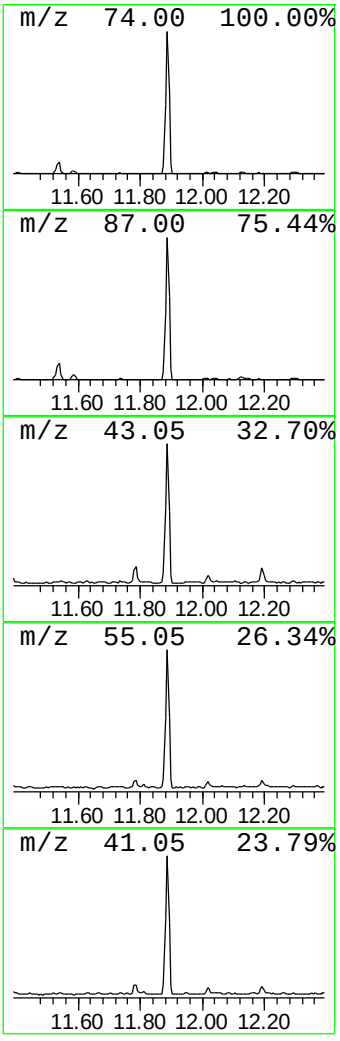
Peak Number 9 Hexadecanoic acid, methyl e... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	24.65 ng	1625510	Phenanthrene-d10	11.51

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	93
3	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	83
5	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	81





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ClientSampleId : SU-03-101718-A

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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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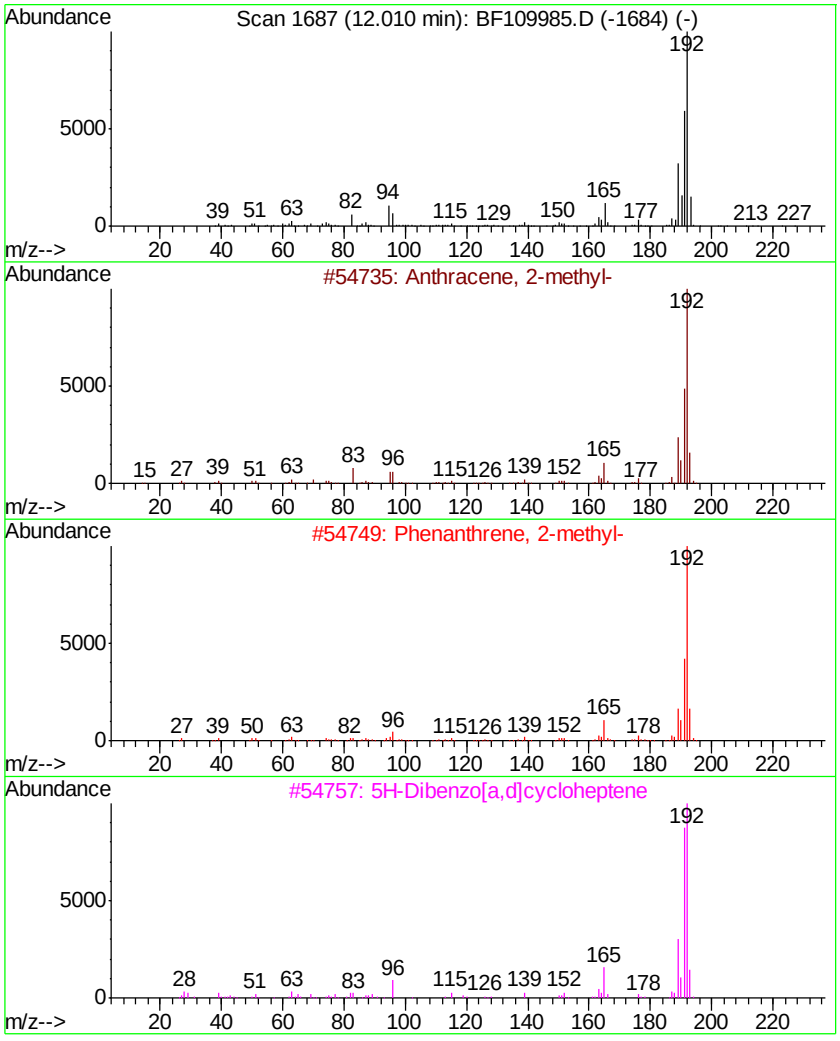
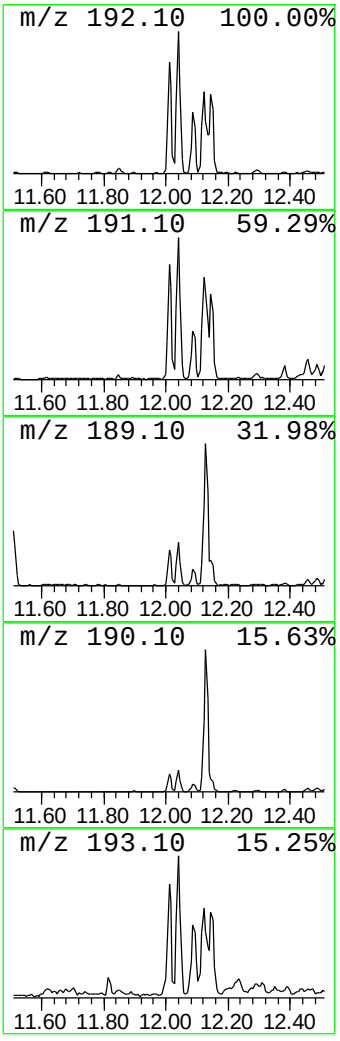
Peak Number 10 Anthracene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	8.63 ng	568822	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





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ClientSampleId : SU-03-101718-A

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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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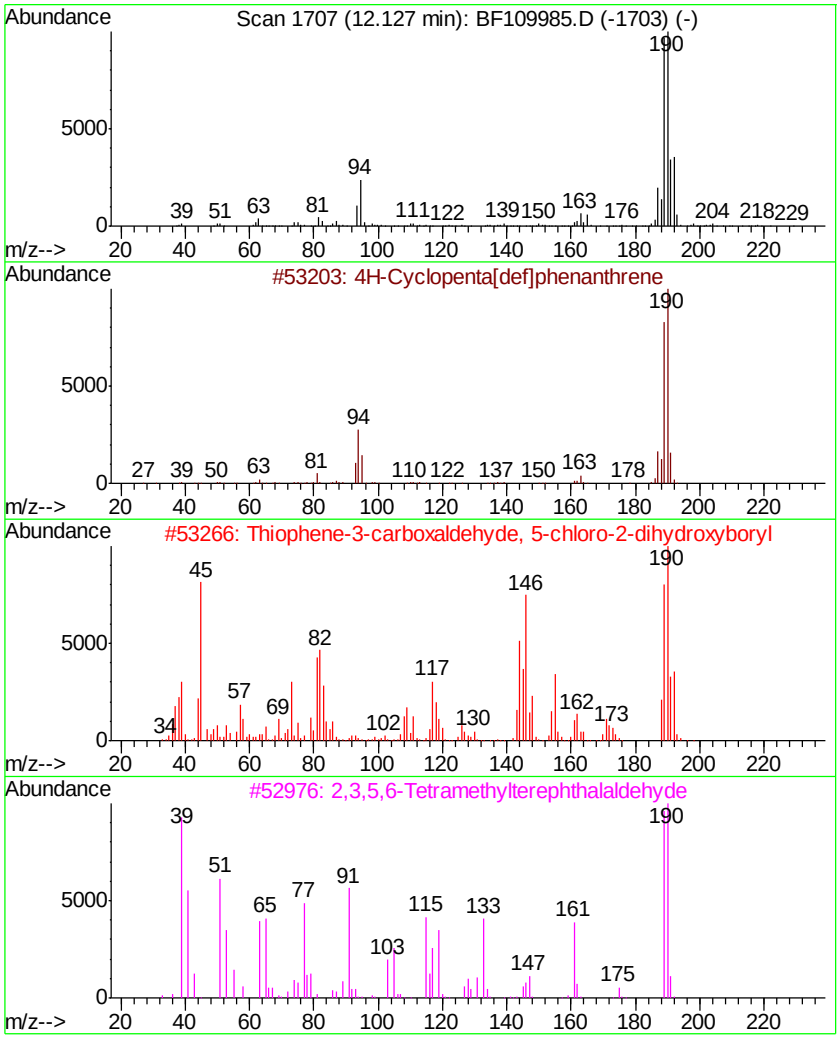
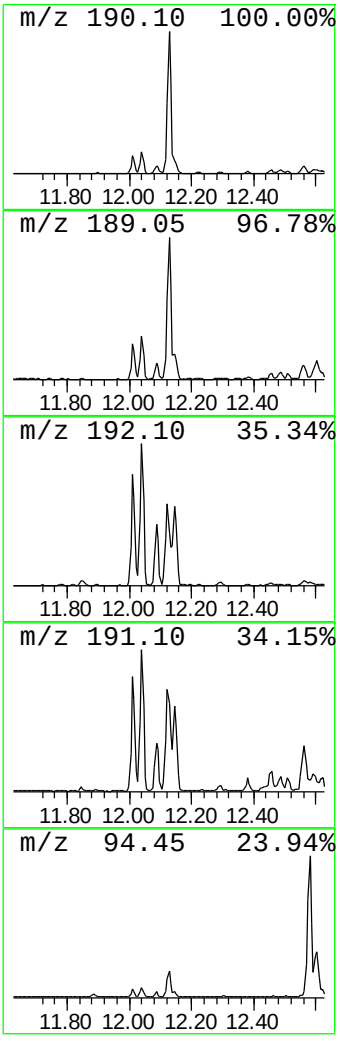
Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.13	15.82 ng	1043200	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	95
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45





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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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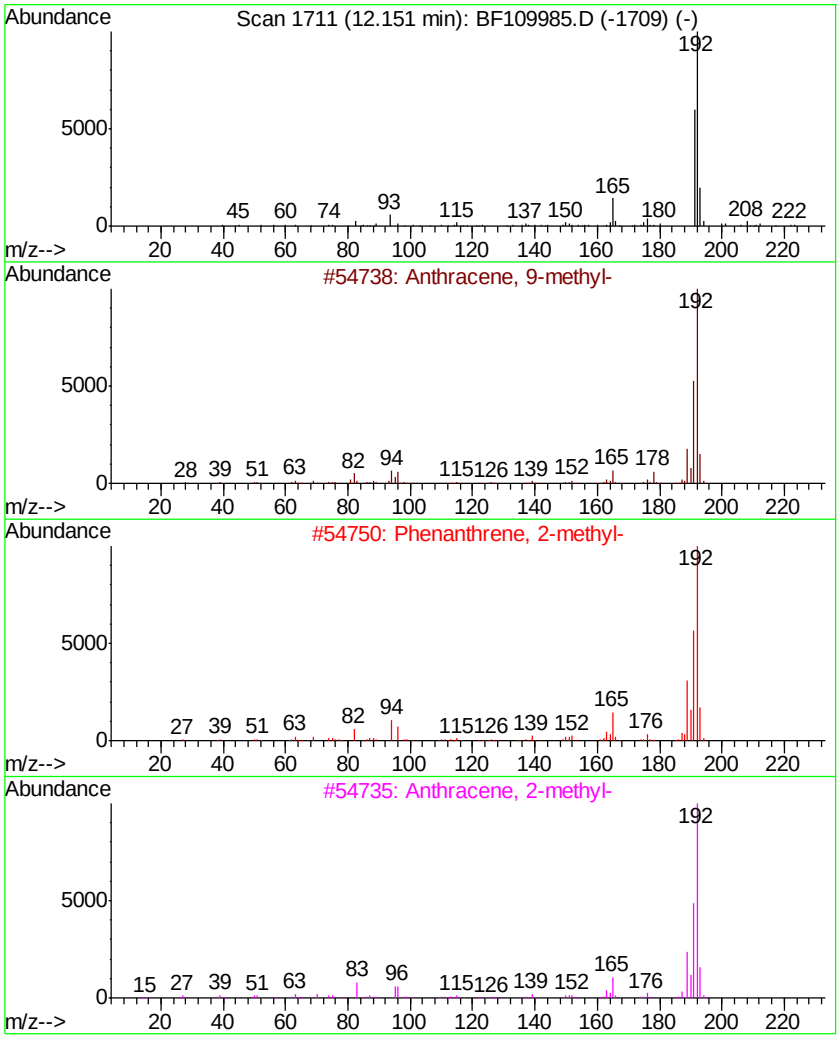
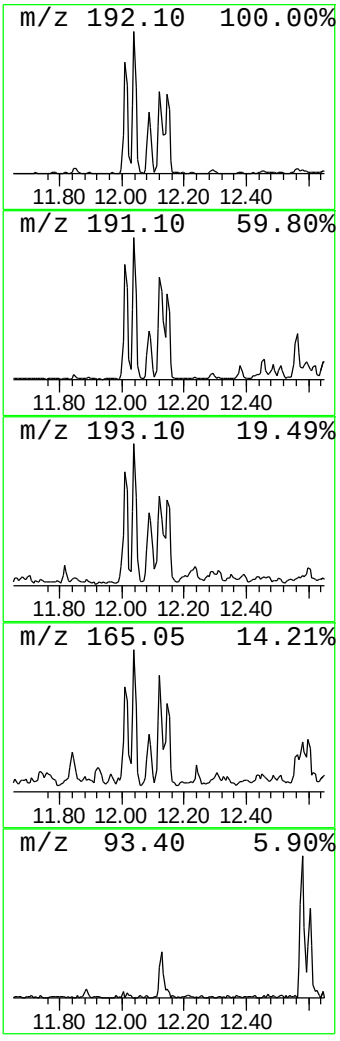
Peak Number 13 Anthracene, 9-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.15	4.31 ng	284259	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90





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Instrument : BNA_F
ClientSampleId : SU-03-101718-A

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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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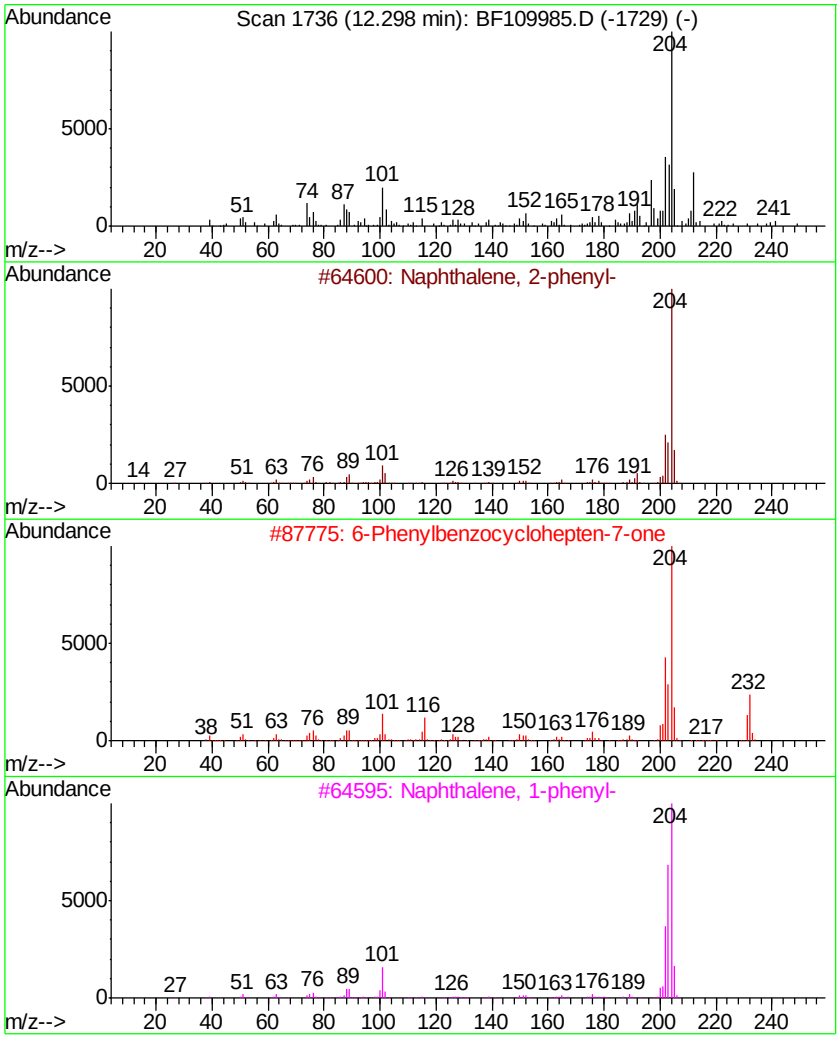
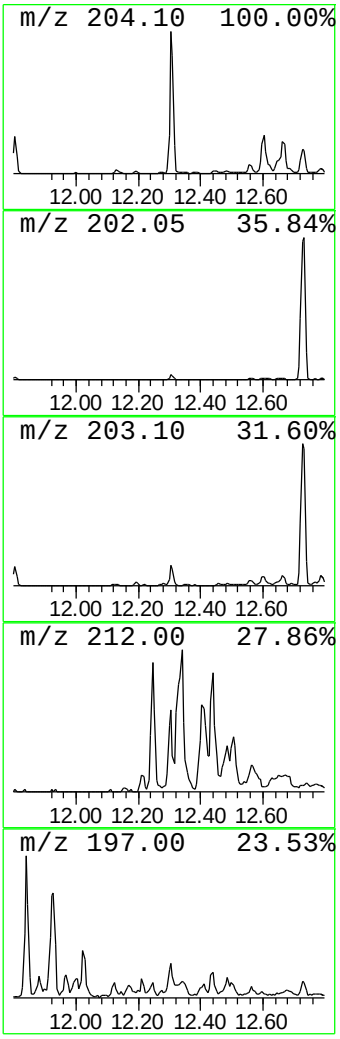
Peak Number 14 Naphthalene, 2-phenyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	5.63 ng	371166	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	94
2	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	80
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	78
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	70
5	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	50





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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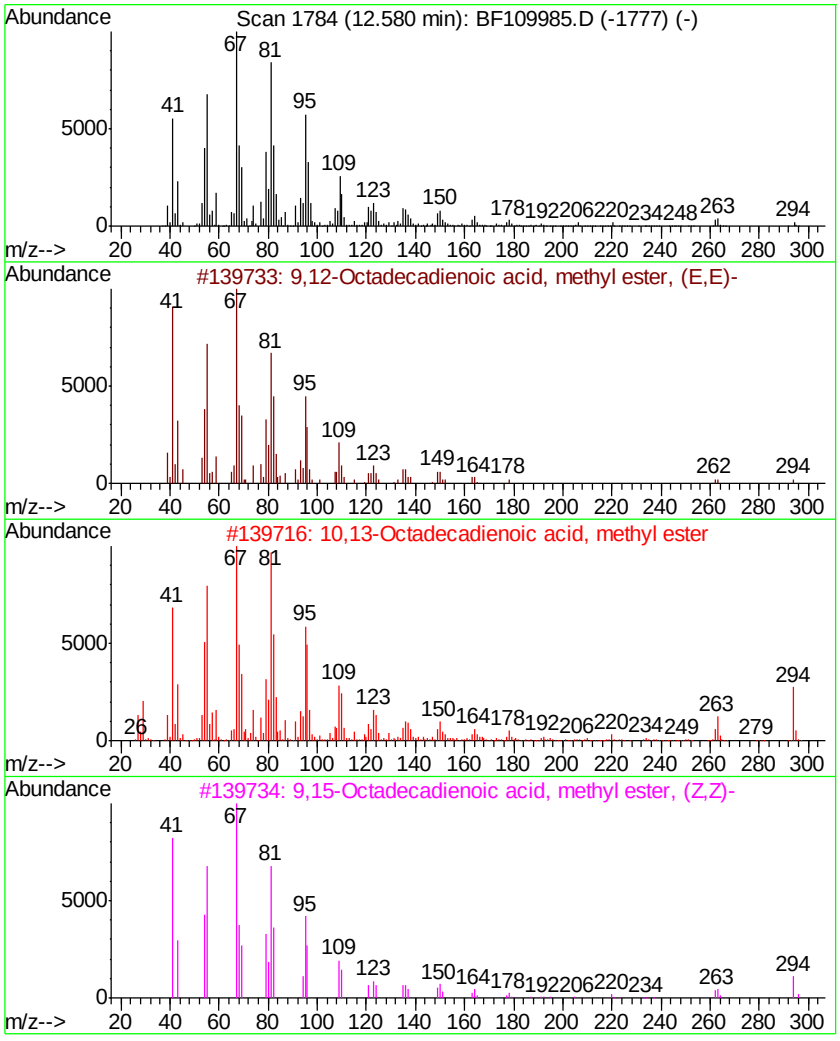
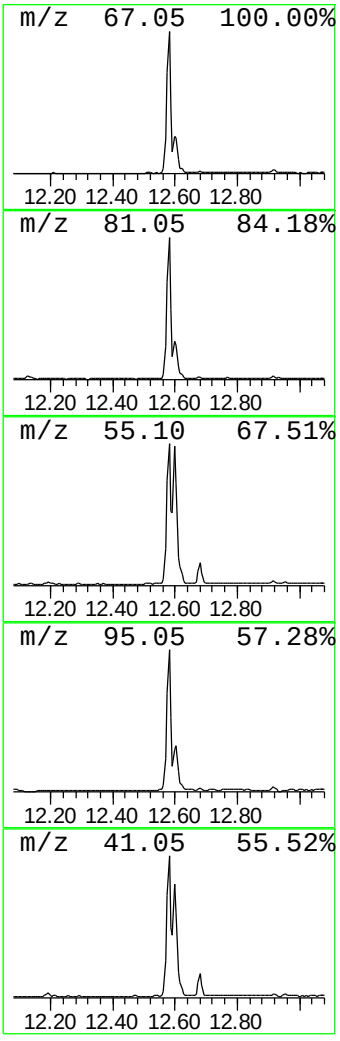
Peak Number 15 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.58	92.34 ng	6088560	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
3	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
4	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	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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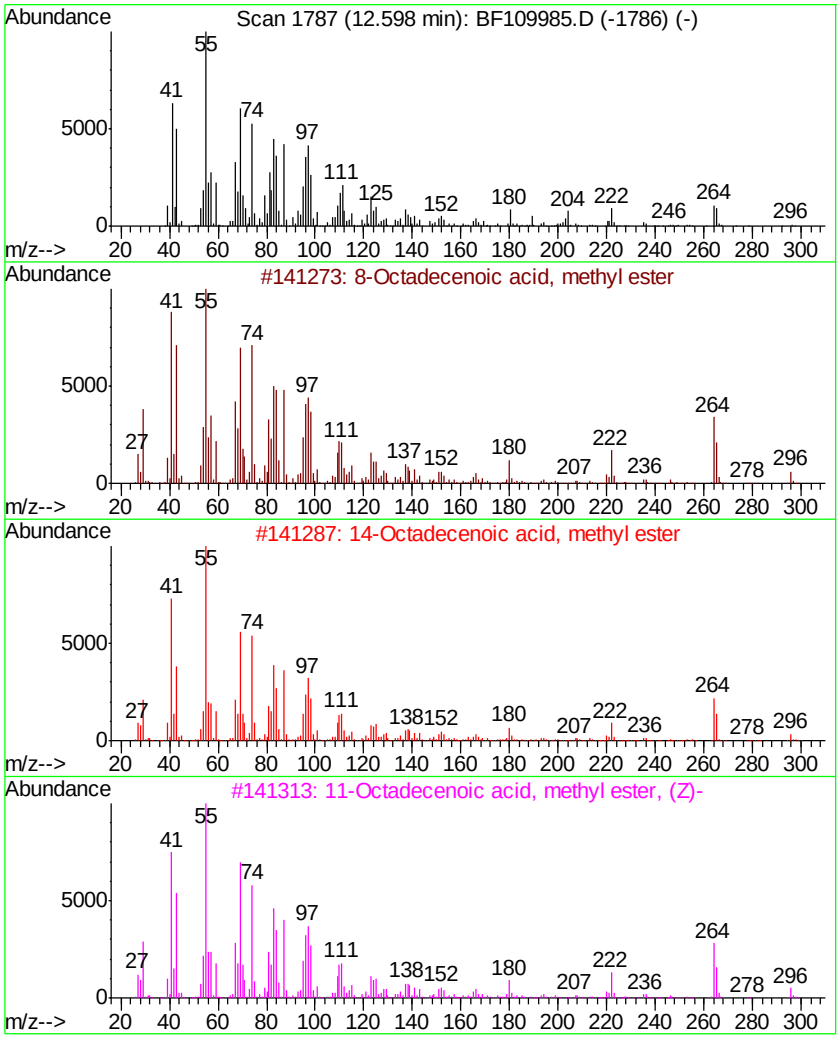
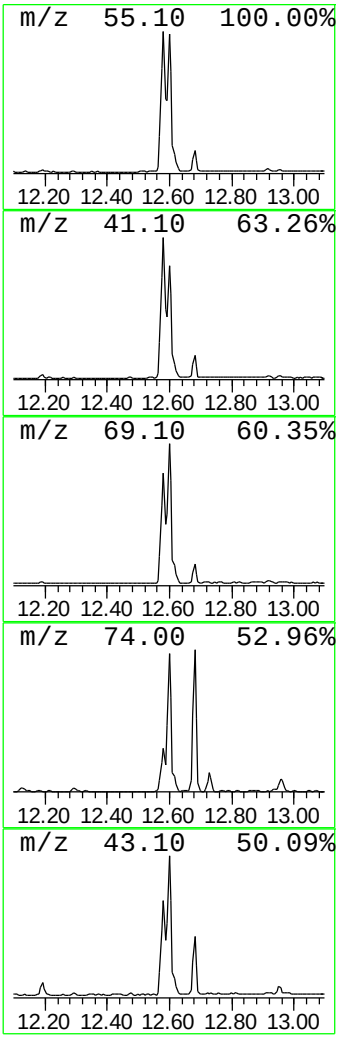
Peak Number 16 8-Octadecenoic acid, methyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.60	54.01 ng	3561130	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	99
2	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99
3	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	99
4	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	98
5	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	98





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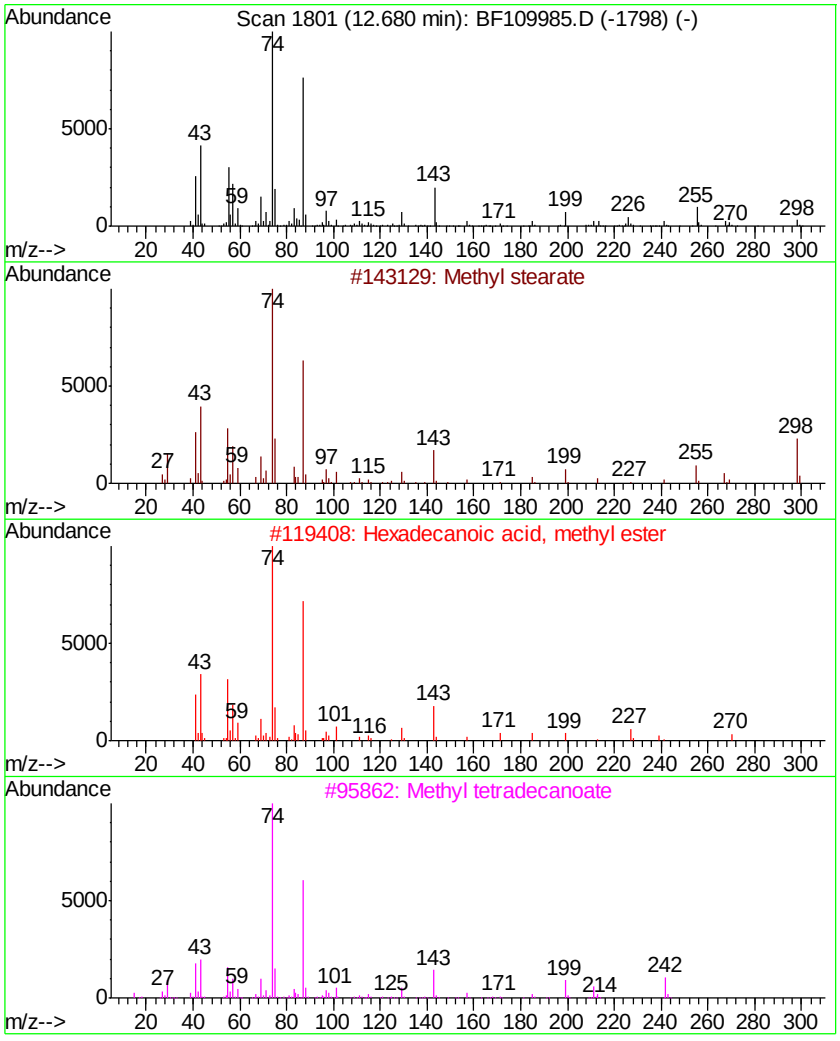
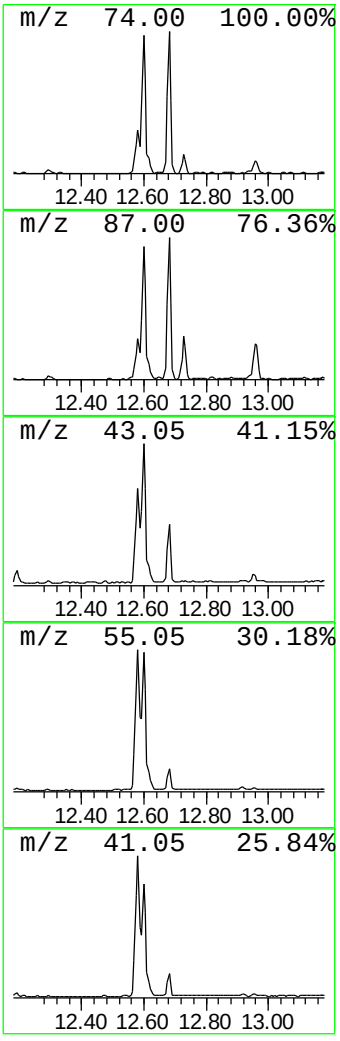
Peak Number 17 Methyl stearate Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.68	12.20 ng	804759	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	94
2	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	90
3	Methyl tetradecanoate	242	C15H30O2	000124-10-7	90
4	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	89
5	Heptadecanoic acid, 15-methyl-, ...	298	C19H38O2	054833-55-5	87





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

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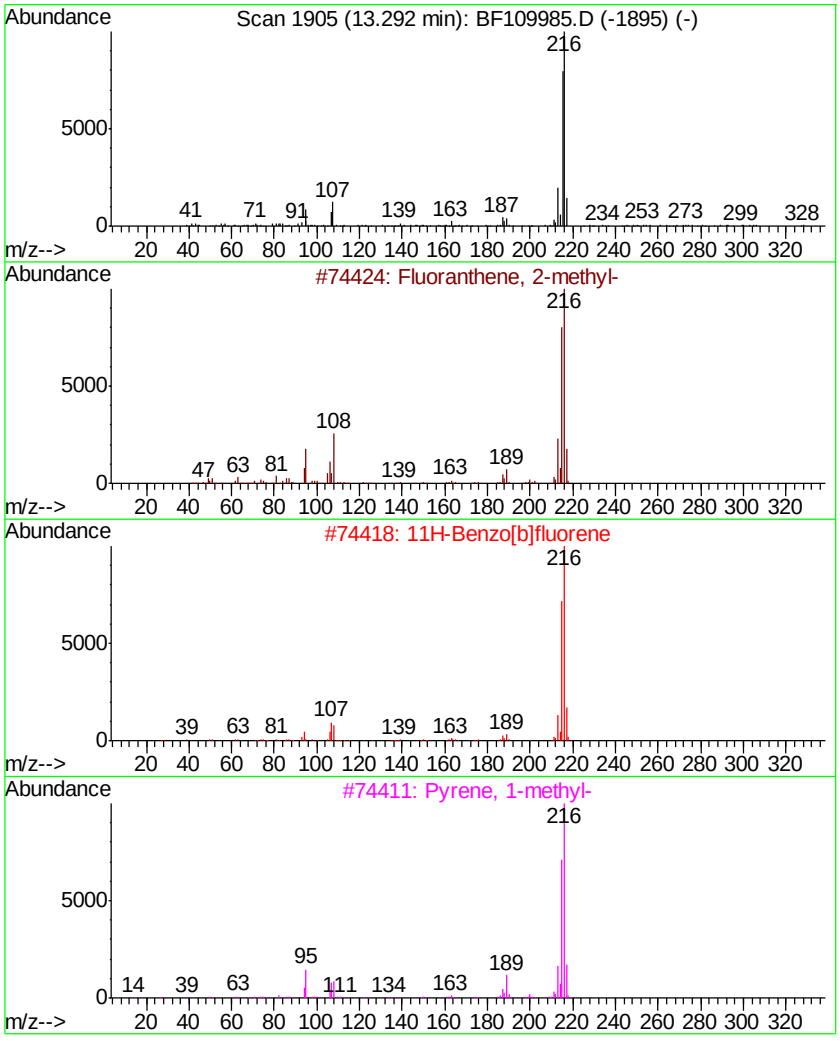
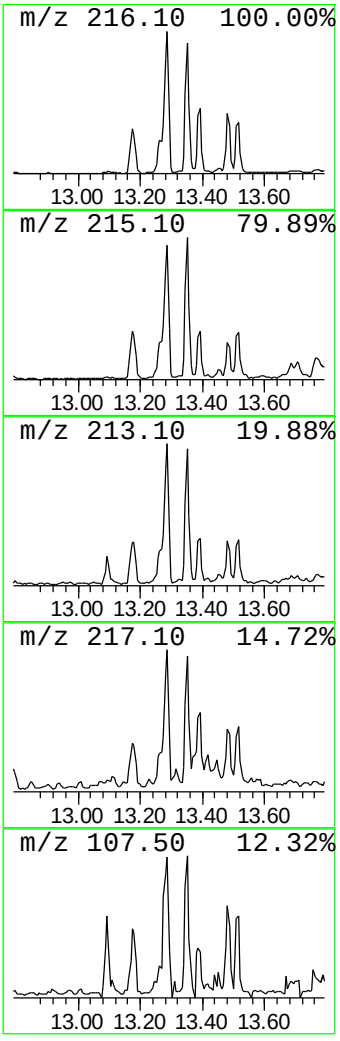
Peak Number 18 Fluoranthene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.29	7.26 ng	835062	Chrysene-d12	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74





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Acq On : 19 Oct 2018 3:18
Operator : JU/SJ
Sample : J5204-05 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-101718-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

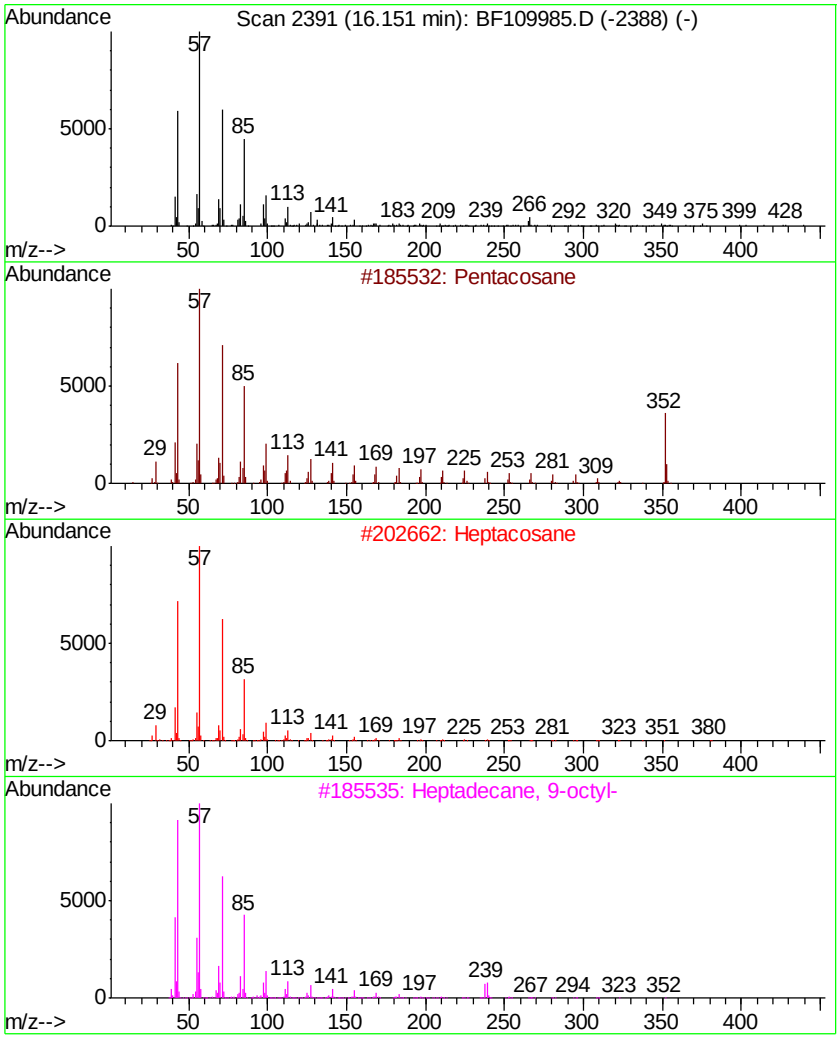
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

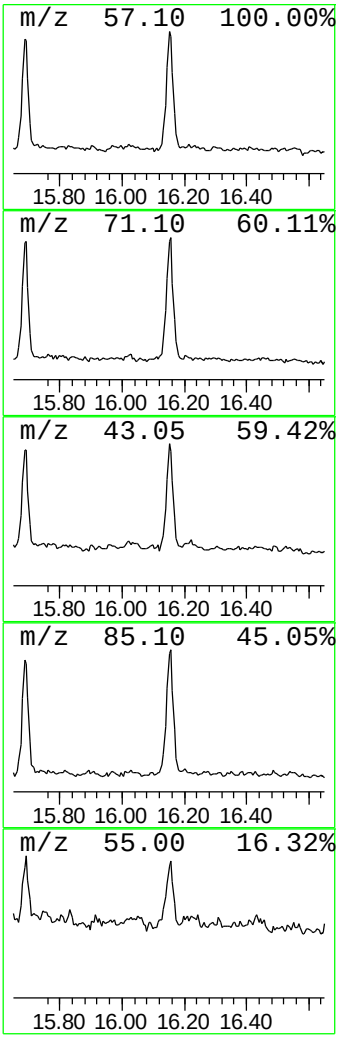
****

Peak Number 20 Pentacosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.15	6.07 ng	340602	Perylene-d12	15.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	90
2	Heptacosane	380	C27H56	000593-49-7	87
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
4	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	86
5	Hexacosane	366	C26H54	000630-01-3	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101818\
Data File : BF109985.D
Acq On : 19 Oct 2018 3:18
Operator : JU/SJ
Sample : J5204-05 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-101718-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	2.30	6.4	ng	401640	1	6.97	1259580	20.0
unknown6.75	6.75	37.1	ng	2338860	1	6.97	1259580	20.0
Naphthalene, 2,6-...	9.60	8.6	ng	598800	3	10.02	1396790	20.0
Naphthalene, 1,4-...	9.79	4.9	ng	344276	3	10.02	1396790	20.0
Tridecane	10.43	5.4	ng	374341	3	10.02	1396790	20.0
9H-Fluorene, 1-me...	11.12	5.4	ng	355095	4	11.51	1318740	20.0
Dibenzothiophene	11.40	4.9	ng	320164	4	11.51	1318740	20.0
Hexadecanoic acid...	11.89	24.6	ng	1625510	4	11.51	1318740	20.0
Anthracene, 2-met...	12.01	8.6	ng	568822	4	11.51	1318740	20.0
4H-Cyclopenta[def...	12.13	15.8	ng	1043200	4	11.51	1318740	20.0
Anthracene, 9-met...	12.15	4.3	ng	284259	4	11.51	1318740	20.0
Naphthalene, 2-ph...	12.30	5.6	ng	371166	4	11.51	1318740	20.0
9,12-Octadecadien...	12.58	92.3	ng	6088560	4	11.51	1318740	20.0
8-Octadecenoic ac...	12.60	54.0	ng	3561130	4	11.51	1318740	20.0
Methyl stearate	12.68	12.2	ng	804759	4	11.51	1318740	20.0
Fluoranthene, 2-m...	13.29	7.3	ng	835062	5	14.16	2299970	20.0
Pentacosane	16.15	6.1	ng	340602	6	15.69	1122880	20.0