LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041620\
Data File : BF120036.D
Acq On : 16 Apr 2020 15:14
Operator : MA/SJ
Sample : L2230-59 5X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-11-19

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-BF040820.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	5.322	546	550	560	rVB	709902	706699	11.95%	1.244%
2	5.887	641	646	650	rVB	83499	88070	1.49%	0.155%
3	6.004	661	666	669	rVB	6324976	5775715	97.64%	10.163%
4	6.169	687	694	696	rBV	354392	364439	6.16%	0.641%
5	6.198	696	699	702	rVV	306425	248138	4.19%	0.437%
6	6.351	722	725	731	rBV	801343	714686	12.08%	1.258%
7	6.428	734	738	741	rBV	2530304	2157478	36.47%	3.796%
8	6.722	785	788	791	rBV	963017	804936	13.61%	1.416%
9	6.804	796	802	805	rBV	1408689	1126852	19.05%	1.983%
10	6.845	806	809	812	rVV	1104824	865654	14.63%	1.523%
11	6.881	812	815	818	rVB	803303	677102	11.45%	1.191%
12	7.287	873	884	886	rBV	621422	674437	11.40%	1.187%
13	7.328	889	891	895	rVV2	138814	130385	2.20%	0.229%
14	7.369	895	898	902	rVB4	101481	123377	2.09%	0.217%
15	7.510	918	922	924	rBV2	103316	118653	2.01%	0.209%
16	7.651	944	946	950	rVB2	78895	97467	1.65%	0.172%
17	7.710	950	956	958	rBV6	140811	213022	3.60%	0.375%
18	7.739	958	961	969	rVB	903108	968179	16.37%	1.704%
19	7.834	975	977	982	rVB3	136990	163482	2.76%	0.288%
20	8.010	1002	1007	1010	rBV	1394519	1385863	23.43%	2.439%
21	8.063	1014	1016	1018	rBV	201752	168446	2.85%	0.296%
22	8.163	1031	1033	1036	rBV	474604	351739	5.95%	0.619%
23	8.310	1055	1058	1060	rVV3	123992	125566	2.12%	0.221%
24	8.363	1064	1067	1070	rVV2	142555	151666	2.56%	0.267%
25	8.398	1070	1073	1076	rVV5	99499	104097	1.76%	0.183%
26	8.439	1076	1080	1081	rVV2	111554	135425	2.29%	0.238%
27	8.475	1084	1086	1089	rVB2	175542	164120	2.77%	0.289%
28	8.557	1095	1100	1104	rBV4	205611	301748	5.10%	0.531%
29	8.910	1157	1160	1167	rVB6	126330	204416	3.46%	0.360%
30	9.004	1174	1176	1179	rVV2	97117	102382	1.73%	0.180%
31	9.039	1180	1182	1186	rVB4	141214	138809	2.35%	0.244%
32	9.086	1186	1190	1195	rVB	1207577	967601	16.36%	1.703%
33	9.169	1201	1204	1209	rVB3	225916	291041	4.92%	0.512%
34	9.422	1245	1247	1250	rVV	153198	133116	2.25%	0.234%

LSC Area Percent Report

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Operator : MA/SJ
Sample : L2230-59 5X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-11-19

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-BF040820.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.481	1254	1257	1263	rBV2	200089	233659	3.95%	0.411%
36	9.539	1265	1267	1273	rVB3	82277	100598	1.70%	0.177%
37	9.628	1279	1282	1285	rVV3	94243	97996	1.66%	0.172%
38	9.681	1288	1291	1293	rVB	127290	126483	2.14%	0.223%
39	9.763	1299	1305	1308	rBV	1111482	1109455	18.76%	1.952%
40	9.798	1308	1311	1315	rVB	252672	234983	3.97%	0.413%
41	9.969	1337	1340	1343	rVB	188221	154115	2.61%	0.271%
42	10.310	1395	1398	1404	rVB2	281298	277883	4.70%	0.489%
43	10.375	1404	1409	1411	rBV3	64798	92253	1.56%	0.162%
44	10.469	1423	1425	1430	rVB2	93341	98008	1.66%	0.172%
45	10.551	1436	1439	1443	rVB	589036	497969	8.42%	0.876%
46	10.680	1458	1461	1466	rVB	93084	98190	1.66%	0.173%
47	10.863	1486	1492	1494	rBV5	78835	121208	2.05%	0.213%
48	11.057	1522	1525	1529	rVB	103107	92873	1.57%	0.163%
49	11.104	1529	1533	1536	rBV2	70638	111370	1.88%	0.196%
50	11.145	1536	1540	1543	rVV	136259	126768	2.14%	0.223%
51	11.251	1554	1558	1560	rBV	940260	837626	14.16%	1.474%
52	11.275	1560	1562	1566	rVV	2132428	1968037	33.27%	3.463%
53	11.328	1566	1571	1574	rVB	585894	596726	10.09%	1.050%
54	11.480	1595	1597	1600	rVB	183000	141108	2.39%	0.248%
55	11.751	1640	1643	1646	rBV	322337	316062	5.34%	0.556%
56	11.798	1646	1651	1654	rVV2	2003341	2401479	40.60%	4.226%
57	11.827	1654	1656	1659	rVV	232191	224247	3.79%	0.395%
58	11.863	1659	1662	1665	rVV	470636	534458	9.04%	0.940%
59	11.886	1665	1666	1671	rVB	234477	165995	2.81%	0.292%
60	12.051	1691	1694	1696	rVV	211587	148023	2.50%	0.260%
61	12.075	1696	1698	1701	rVB2	135012	107455	1.82%	0.189%
62	12.198	1717	1719	1722	rVB	132805	106170	1.79%	0.187%
63	12.227	1722	1724	1727	rBV	99991	90725	1.53%	0.160%
64	12.304	1734	1737	1740	rBV	322136	299388	5.06%	0.527%
65	12.345	1740	1744	1749	rVB4	159146	296513	5.01%	0.522%
66	12.386	1749	1751	1755	rBV3	131028	156485	2.65%	0.275%
67	12.469	1760	1765	1767	rBV	2573623	2317358	39.18%	4.078%
68	12.522	1767	1774	1782	rVB	3753504	5915126	100.00%	10.408%
69	12.586	1782	1785	1789	rBV	1315759	1111500	18.79%	1.956%
70	12.698	1798	1804	1807	rBV	2198433	2395318	40.49%	4.215%
71	12.745	1810	1812	1817	rVB2	107636	153435	2.59%	0.270%

LSC Area Percent Report

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Operator : MA/SJ
Sample : L2230-59 5X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-11-19

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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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	12.816	1821	1824	1825	rVV	163063	153117	2.59%	0.269%
73	12.839	1825	1828	1836	rVB2	721462	730411	12.35%	1.285%
74	12.916	1836	1841	1844	rBV2	153978	210084	3.55%	0.370%
75	12.998	1853	1855	1857	rBV3	142542	170360	2.88%	0.300%
76	13.022	1857	1859	1862	rVB	337359	285817	4.83%	0.503%
77	13.086	1867	1870	1873	rBV2	204836	191834	3.24%	0.338%
78	13.127	1873	1877	1879	rBV2	258601	274656	4.64%	0.483%
79	13.221	1890	1893	1895	rBV	150805	167307	2.83%	0.294%
80	13.245	1895	1897	1902	rVB2	167382	176057	2.98%	0.310%
81	13.527	1942	1945	1950	rVB	212567	219809	3.72%	0.387%
82	13.639	1961	1964	1967	rBV2	196210	205192	3.47%	0.361%
83	13.669	1967	1969	1971	rVV	188772	145263	2.46%	0.256%
84	13.692	1971	1973	1979	rVV3	211301	269276	4.55%	0.474%
85	13.739	1979	1981	1985	rVB	166818	130341	2.20%	0.229%
86	13.886	2000	2006	2009	rBV2	1501308	2085665	35.26%	3.670%
87	13.921	2009	2012	2017	rVB	1098780	1092419	18.47%	1.922%
88	13.998	2023	2025	2027	rVB	169504	121349	2.05%	0.214%
89	14.121	2041	2046	2049	rBV2	79190	100055	1.69%	0.176%
90	14.280	2070	2073	2076	rVB	222918	205693	3.48%	0.362%
91	14.316	2076	2079	2082	rBV	107454	143820	2.43%	0.253%
92	14.404	2091	2094	2096	rBV	115250	109752	1.86%	0.193%
93	14.916	2176	2181	2184	rBV	866740	1355805	22.92%	2.386%
94	15.015	2195	2198	2201	rVB	174433	182855	3.09%	0.322%
95	15.198	2225	2229	2235	rVB	519653	690188	11.67%	1.214%
96	15.263	2235	2240	2245	rVB	727962	874755	14.79%	1.539%
97	15.321	2245	2250	2253	rBV	529144	676043	11.43%	1.190%
98	15.351	2253	2255	2261	rVB2	251372	298975	5.05%	0.526%
99	16.704	2480	2485	2493	rVB2	266205	511315	8.64%	0.900%
100	17.121	2551	2556	2571	rVB2	216364	450934	7.62%	0.793%

Sum of corrected areas: 56830998

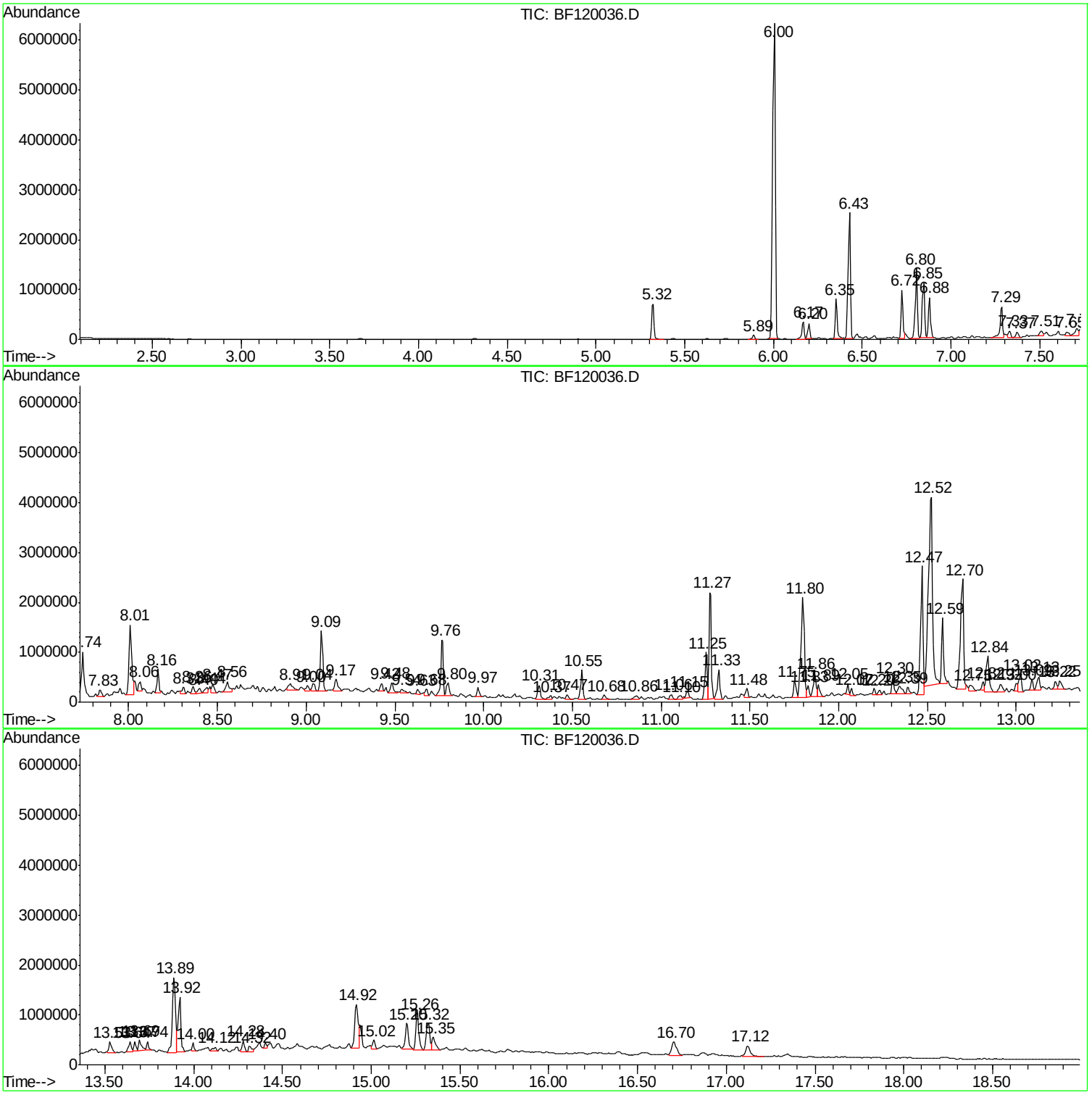
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041620\
Data File : BF120036.D
Acq On : 16 Apr 2020 15:14
Operator : MA/SJ
Sample : L2230-59 5X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-11-19

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041620\
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Acq On : 16 Apr 2020 15:14
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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

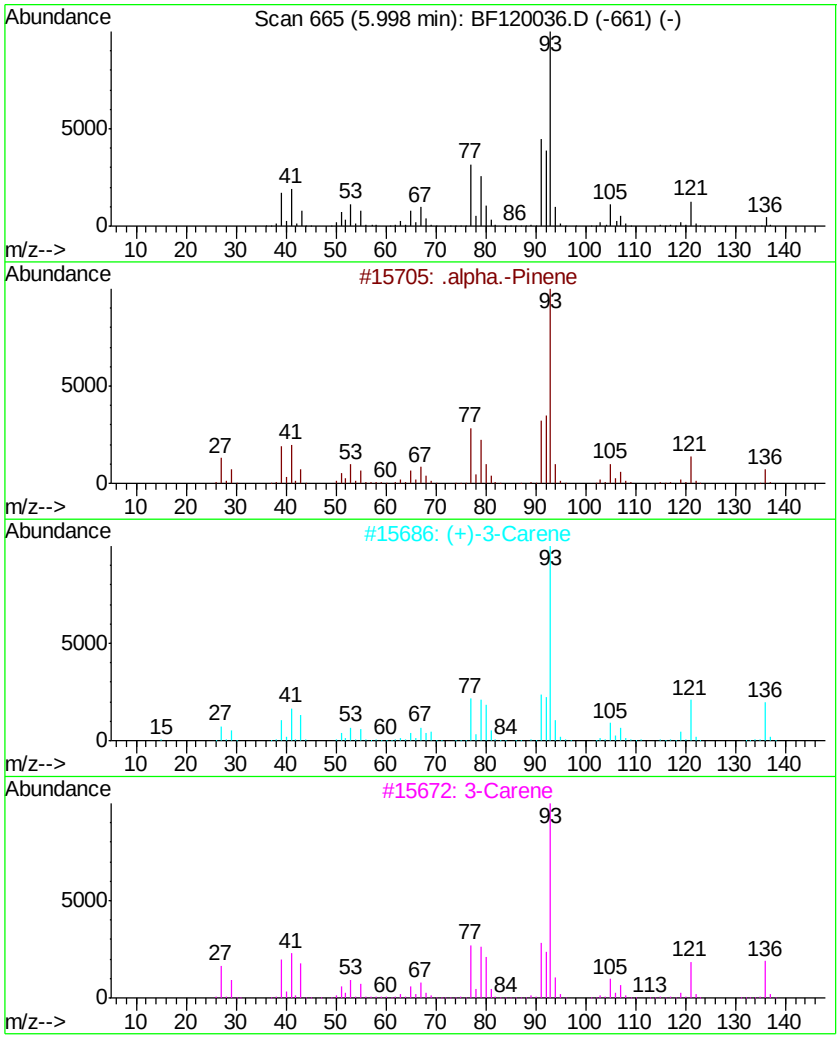
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

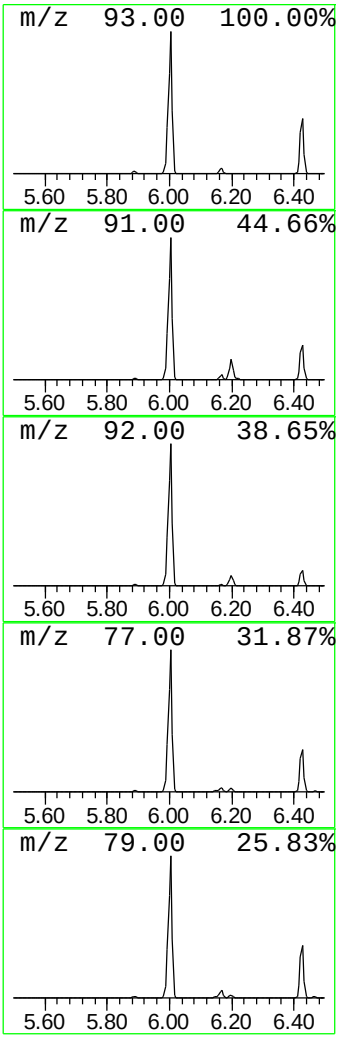
****

Peak Number 1 .alpha.-Pinene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.00	143.51 ng	5775720	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Pinene	136	C10H16	000080-56-8	94
2	(+)-3-Carene	136	C10H16	000498-15-7	91
3	3-Carene	136	C10H16	013466-78-9	91
4	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	91
5	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	91





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Instrument : BNA_F
ClientSampleId : TP-11-19

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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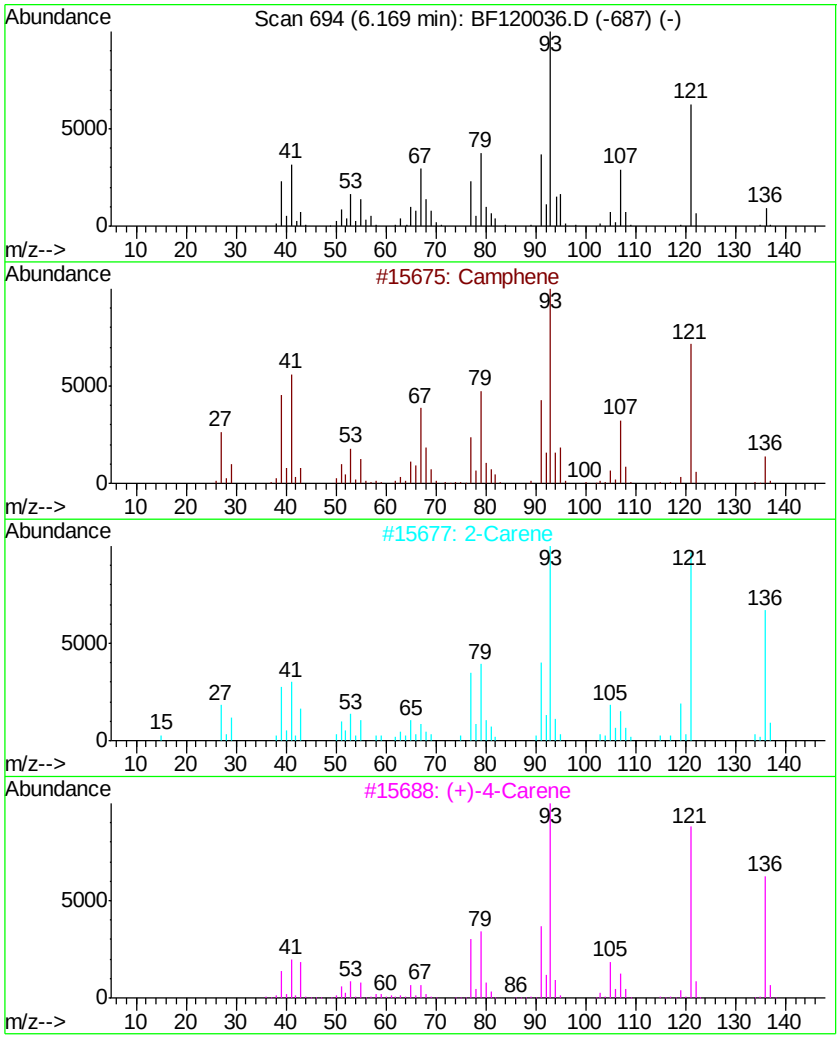
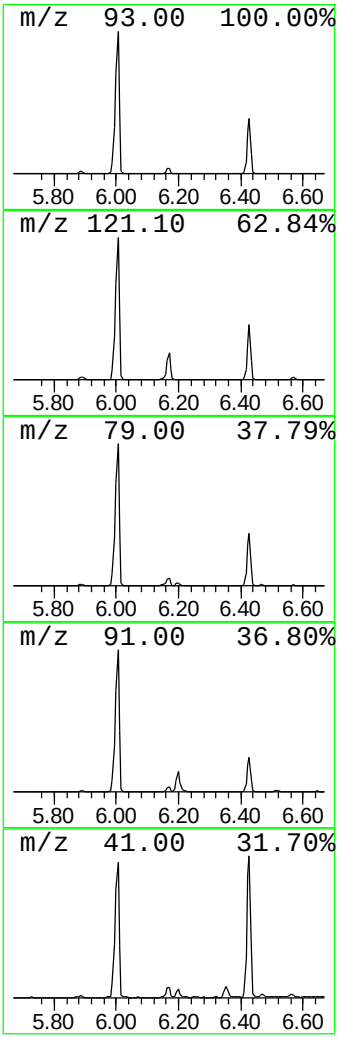
Peak Number 2 Camphene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.17	9.06 ng	364439	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Camphene	136	C10H16	000079-92-5	95
2	2-Carene	136	C10H16	000554-61-0	87
3	(+)-4-Carene	136	C10H16	029050-33-7	87
4	Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	80
5	.beta.-Pinene	136	C10H16	000127-91-3	80





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TIC Library : C:\DATABASE\NIST11.L
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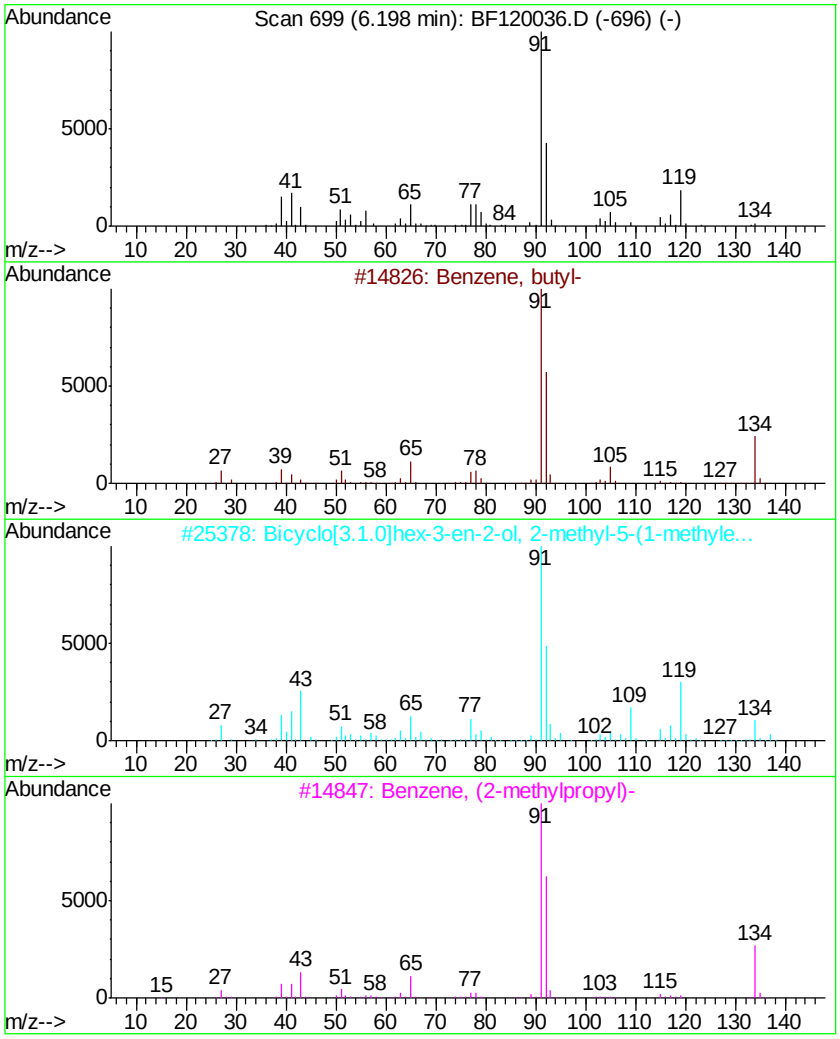
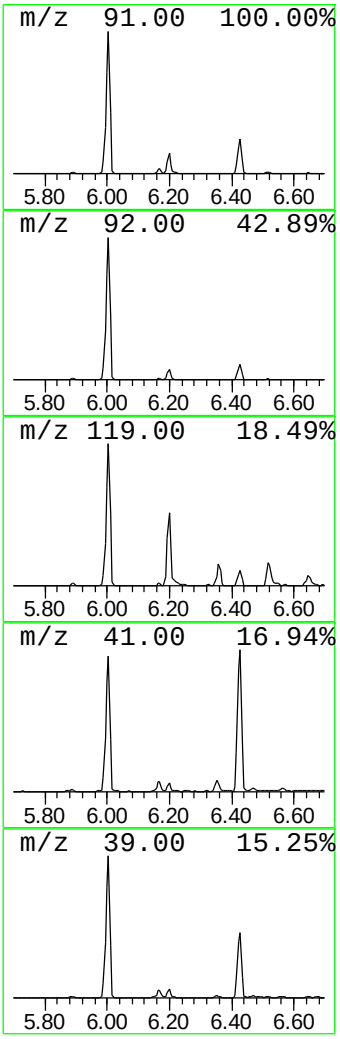
Peak Number 3 Benzene, butyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.20	6.17 ng	248138	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, butyl-	134	C10H14	000104-51-8	72
2	Bicyclo[3.1.0]hex-3-en-2-ol, 2-m...	152	C10H16O	097631-68-0	64
3	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	50
4	Toluene	92	C7H8	000108-88-3	49
5	Spiro[2,4]hepta-4,6-diene	92	C7H8	000765-46-8	47





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : TP-11-19

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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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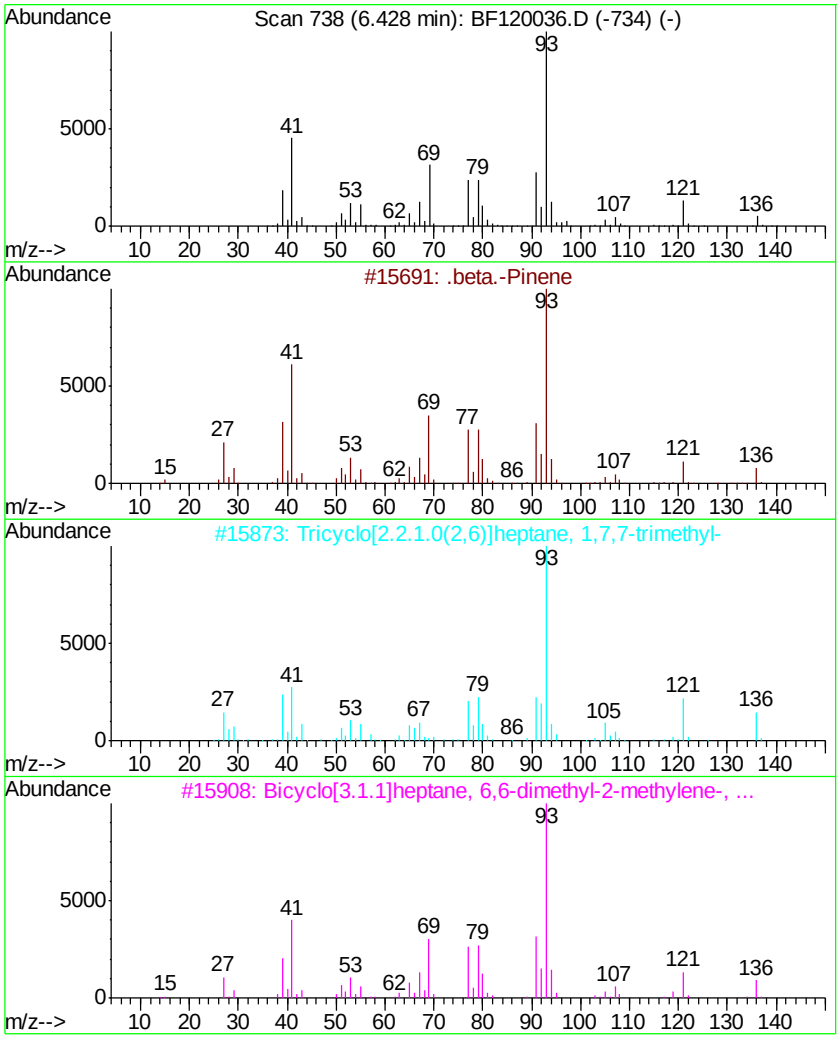
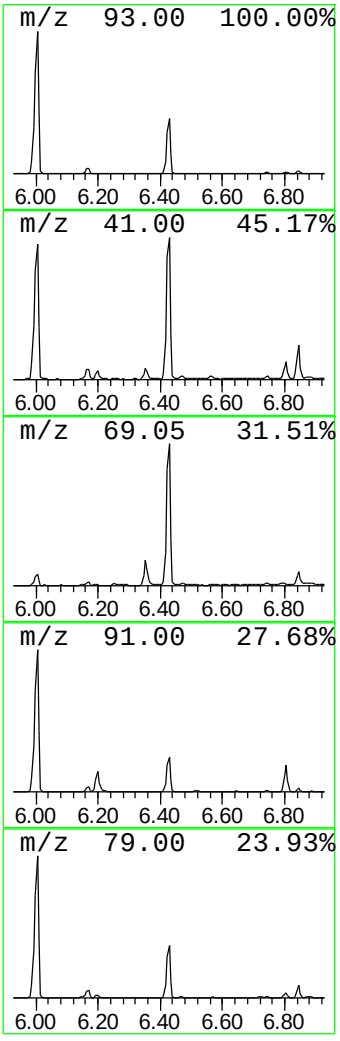
Peak Number 4 .beta.-Pinene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.43	53.61 ng	2157480	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Pinene	136	C10H16	000127-91-3	93
2	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	91
3	Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	91
4	Cyclohexene, 4-methylene-1-(1-me...	136	C10H16	000099-84-3	90
5	Bicyclo[3.1.0]hexane, 4-methylen...	136	C10H16	003387-41-5	86





Library Search Compound Report

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Data File : BF120036.D
Acq On : 16 Apr 2020 15:14
Operator : MA/SJ
Sample : L2230-59 5X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-11-19

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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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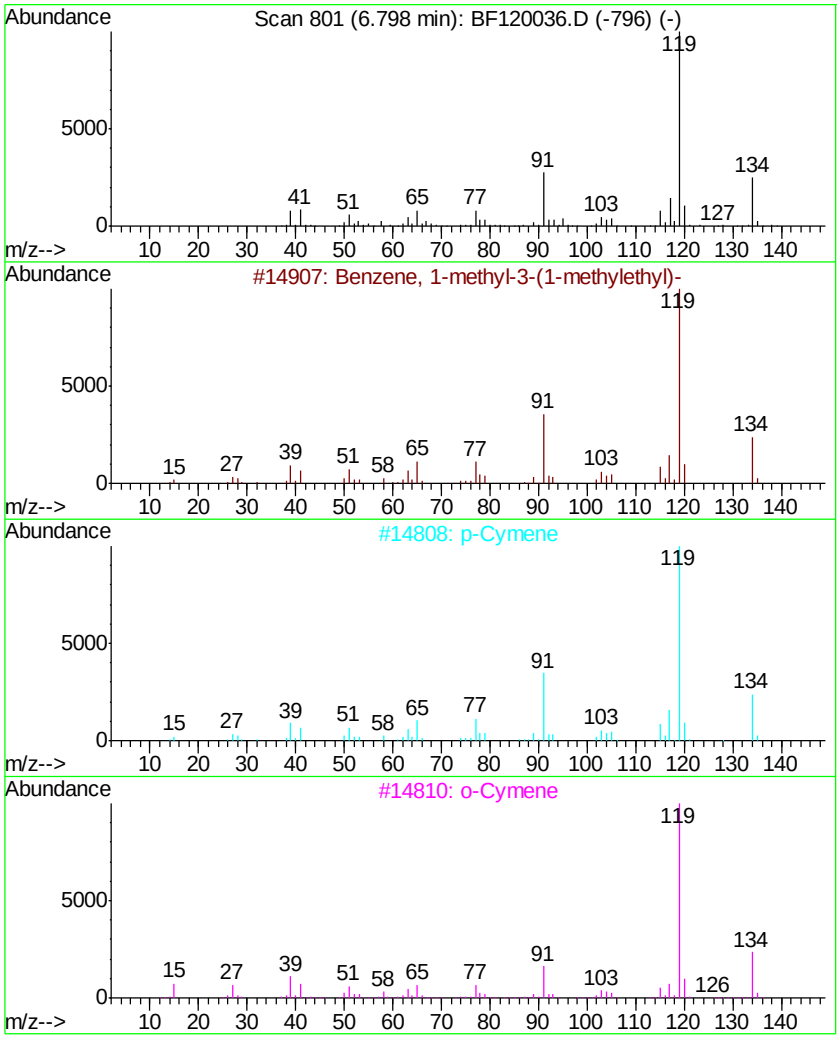
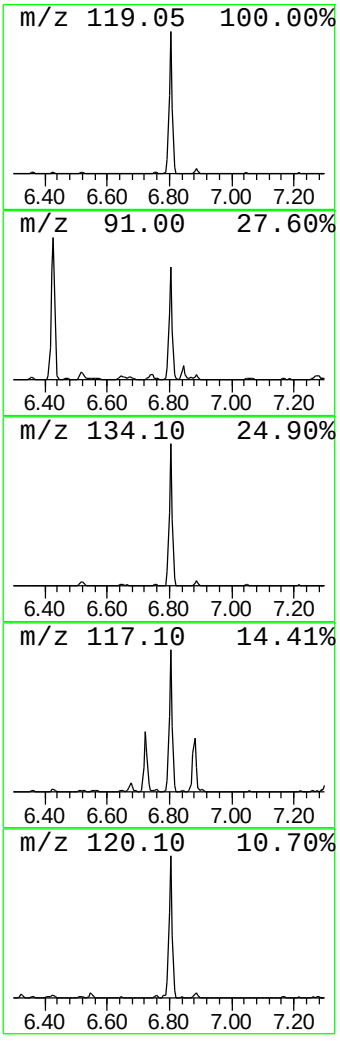
Peak Number 5 Benzene, 1-methyl-3-(1-meth... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.80	28.00 ng	1126850	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
2	p-Cymene	134	C10H14	000099-87-6	95
3	o-Cymene	134	C10H14	000527-84-4	94
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91





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Operator : MA/SJ
Sample : L2230-59 5X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-11-19

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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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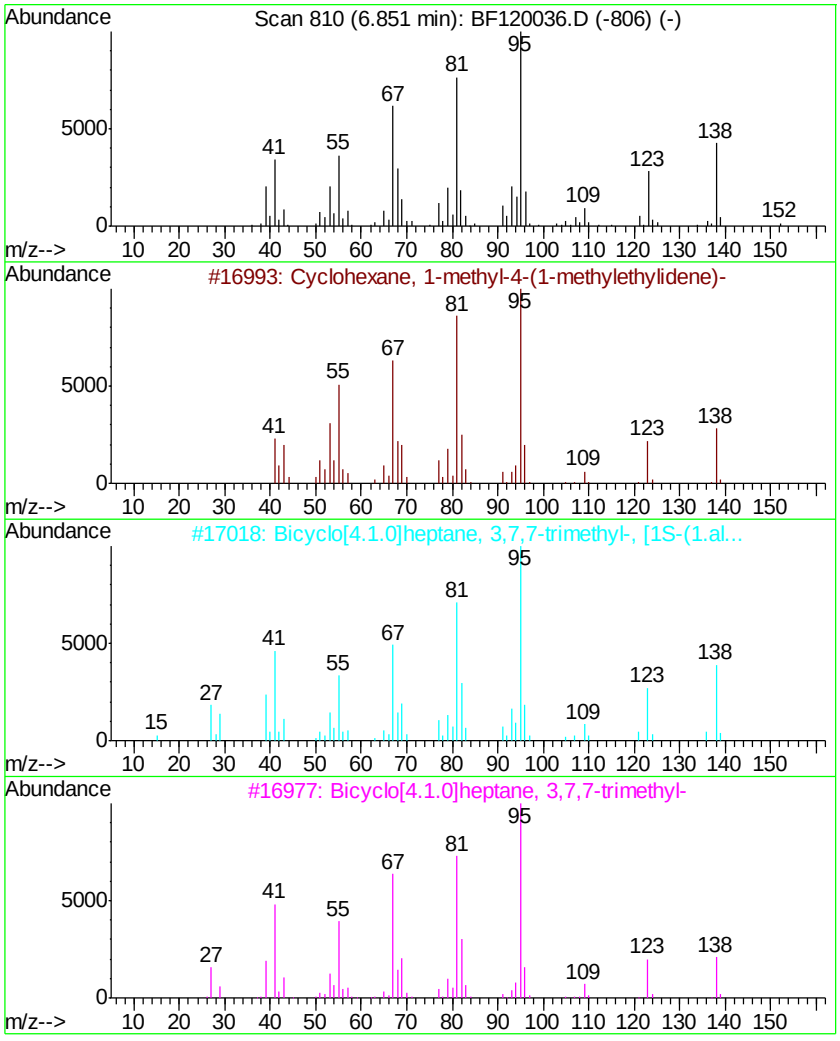
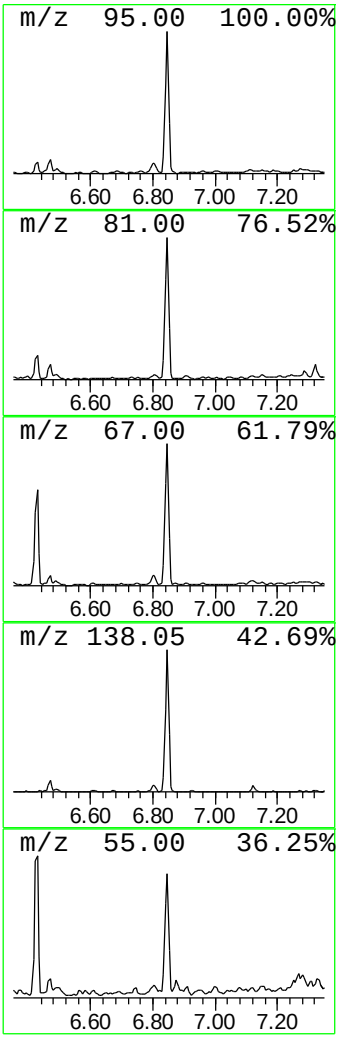
Peak Number 6 Cyclohexane, 1-methyl-4-(1-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.85	21.51 ng	865654	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-4-(1-methy...	138	C10H18	001124-27-2	95
2	Bicyclo[4.1.0]heptane, 3,7,7-tri...	138	C10H18	002778-68-9	87
3	Bicyclo[4.1.0]heptane, 3,7,7-tri...	138	C10H18	000554-59-6	87
4	Cyclohexene, 4-methyl-1-(1-methy...	138	C10H18	000500-00-5	86
5	4-Acetyl-1-methylcyclohexene	138	C9H14O	006090-09-1	70





Library Search Compound Report

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Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-11-19

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

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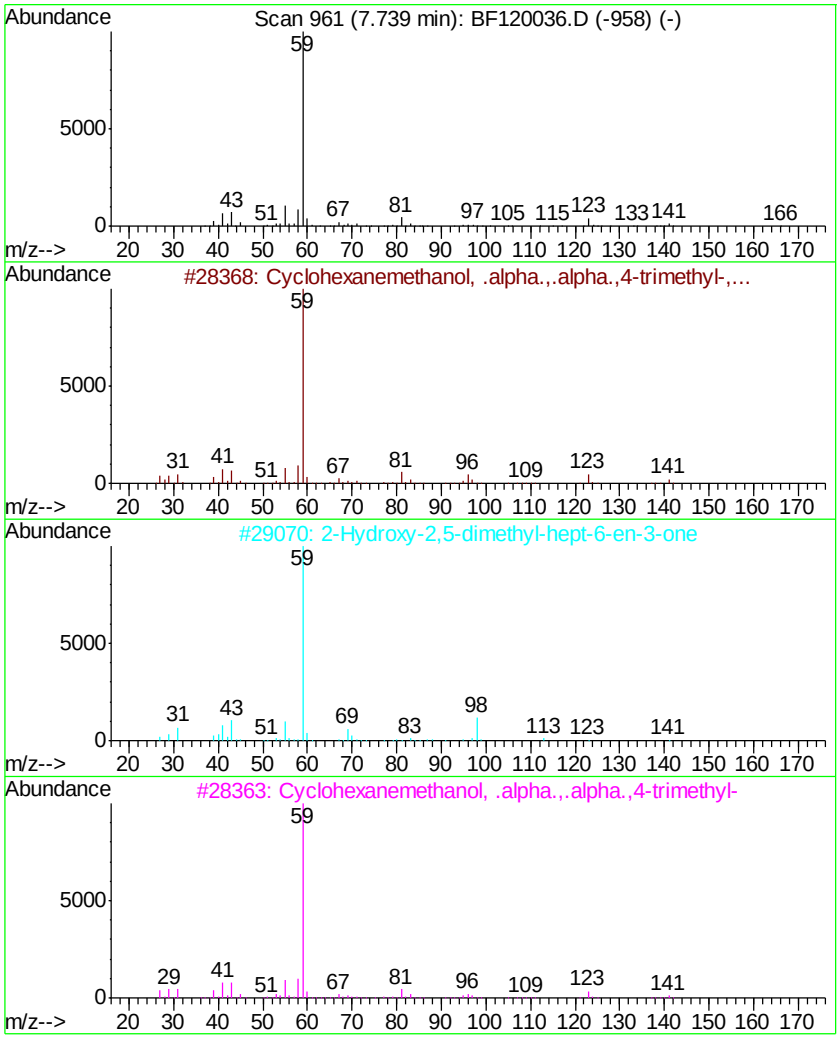
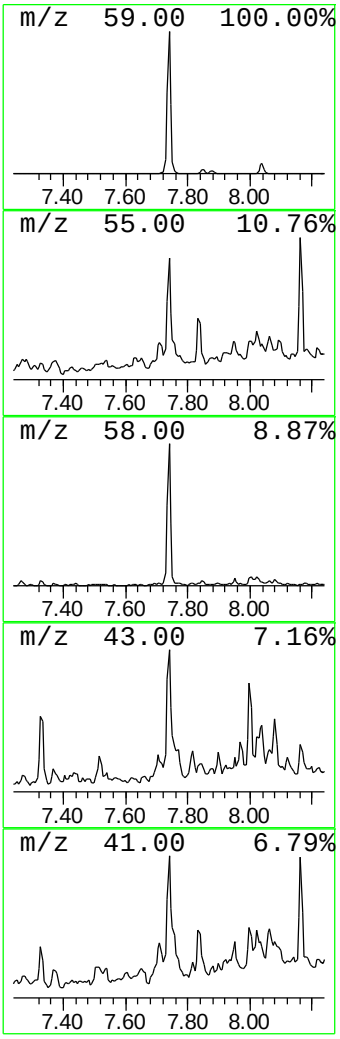
Peak Number 8 Cyclohexanemethanol, .alpha... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.74	13.97 ng	968179	Naphthalene-d8	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	007322-63-6	64
2	2-Hydroxy-2,5-dimethyl-hept-6-en...	156	C9H16O2	1000192-55-8	59
3	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	000498-81-7	56
4	6-Methyl-2-heptanol, methyl ether	144	C9H20O	1000365-52-0	39
5	Butane, 2-methoxy-3-methyl-	102	C6H14O	062016-49-3	39





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ClientSampleId : TP-11-19

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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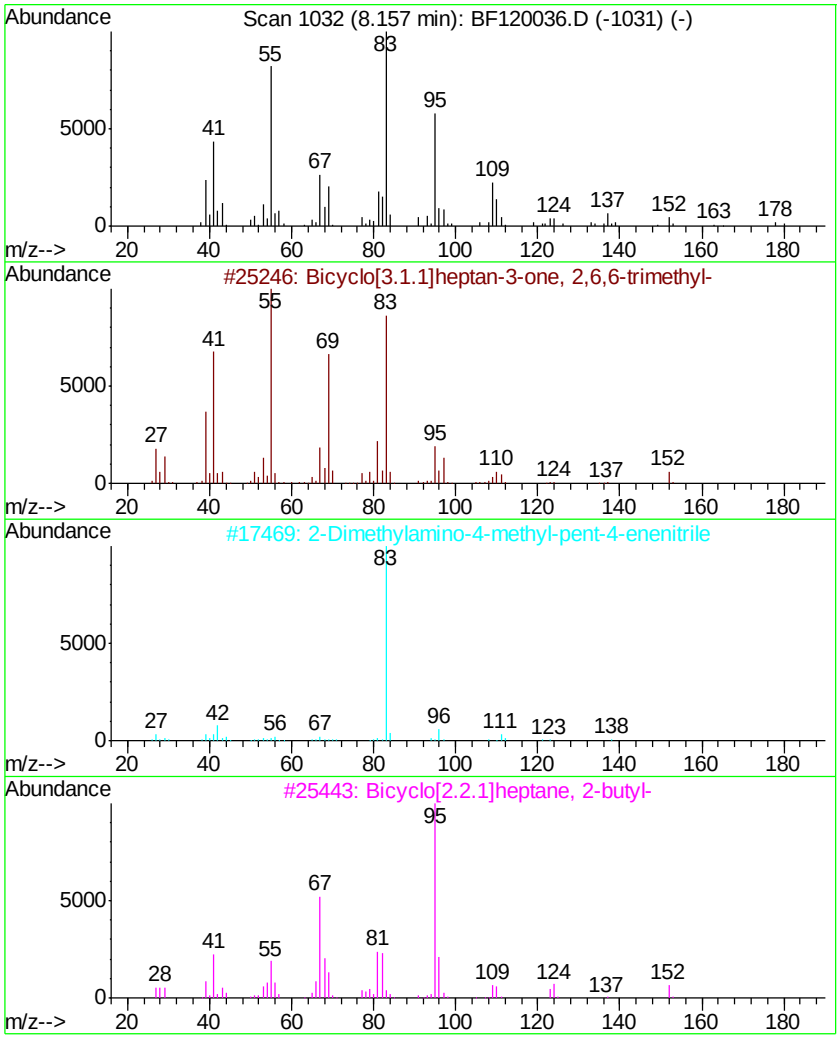
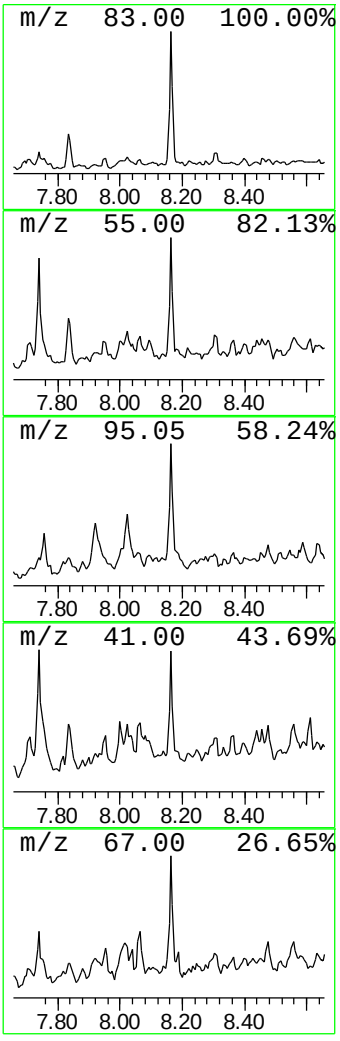
Peak Number 9 unknown8.16 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.16	5.08 ng	351739	Naphthalene-d8	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	018358-53-7	49
2	2-Dimethylamino-4-methyl-pent-4-...	138	C8H14N2	094492-10-1	27
3	Bicyclo[2.2.1]heptane, 2-butyl-	152	C11H20	061177-16-0	25
4	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	20
5	1,4-Hexadiene, 2,3-dimethyl-	110	C8H14	018669-52-8	20





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Sample : L2230-59 5X
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ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-11-19

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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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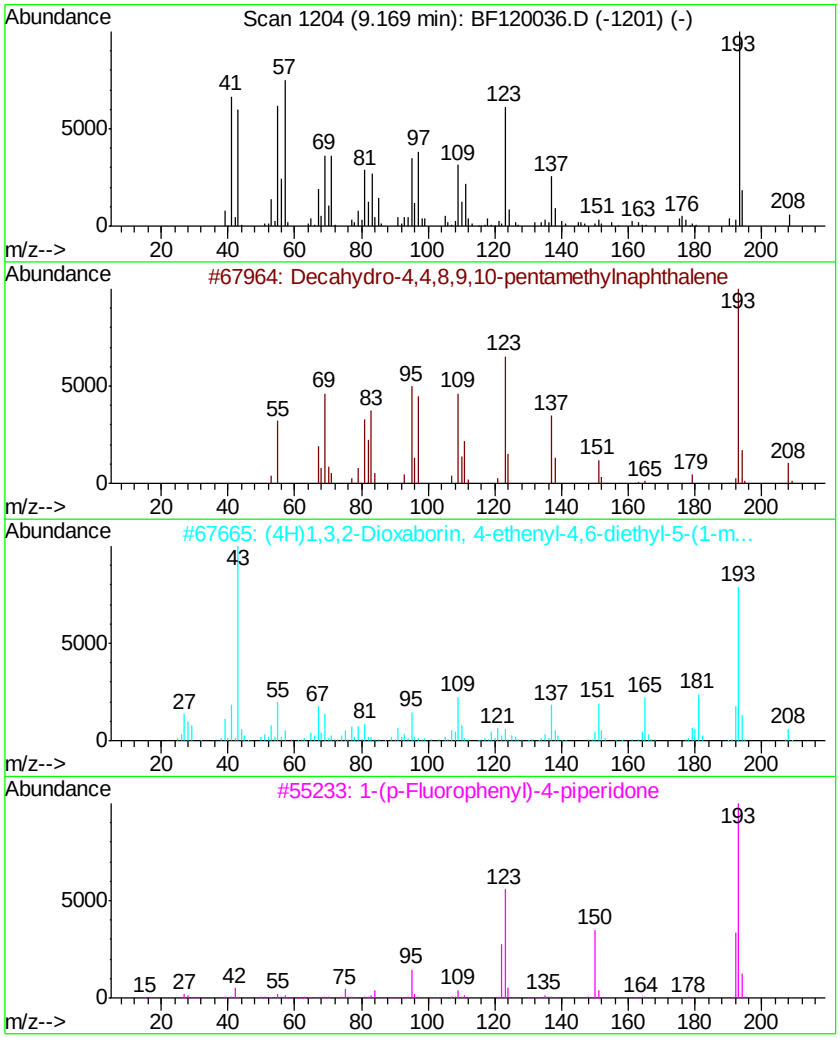
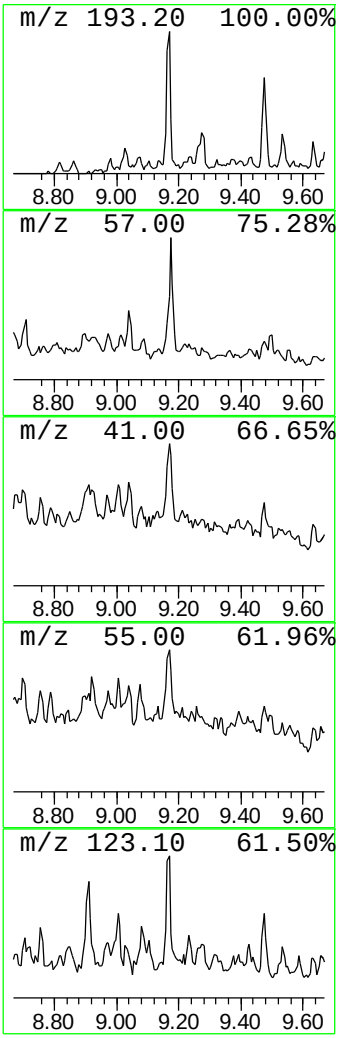
Peak Number 10 Decahydro-4,4,8,9,10-pentam... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.17	5.25 ng	291041	Acenaphthene-d10	9.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	83
2	(4H)1,3,2-Dioxaborin, 4-ethenyl-...	208	C12H21BO2	1000062-14-4	47
3	1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	43
4	2-Anthracenamine	193	C14H11N	000613-13-8	38
5	Pyrazole, 5-methyl-3-(5-nitro-2-...	193	C8H7N3O3	016239-90-0	25





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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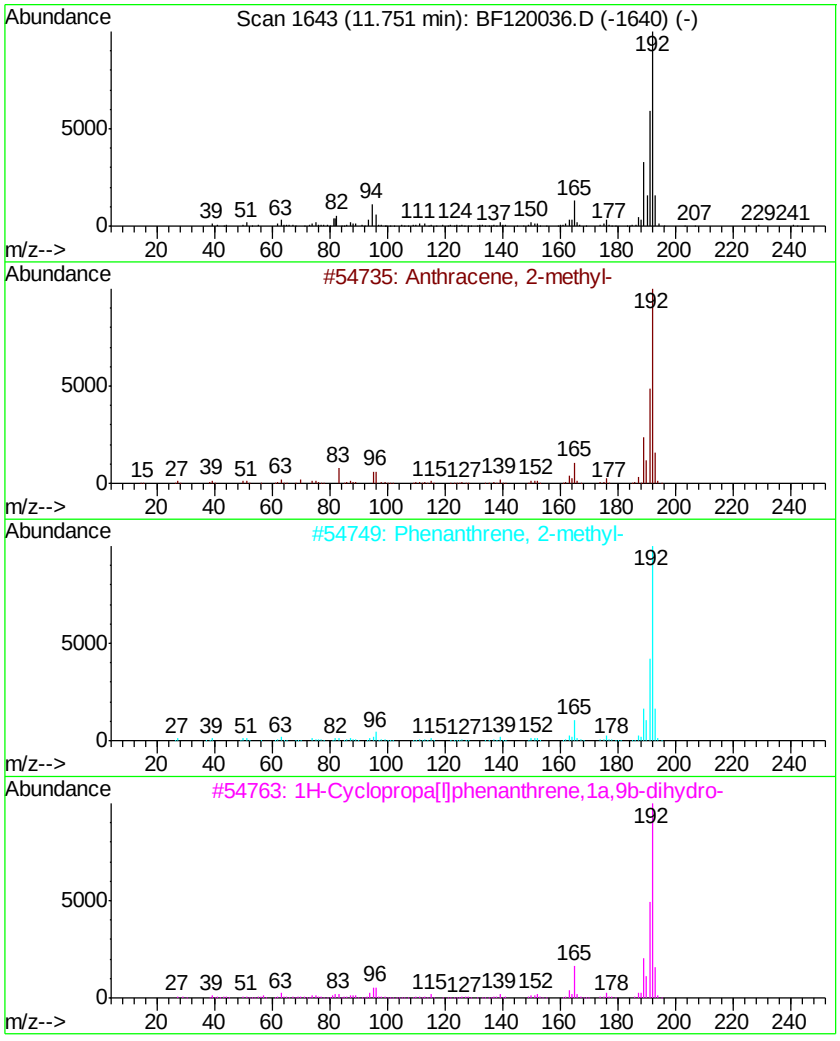
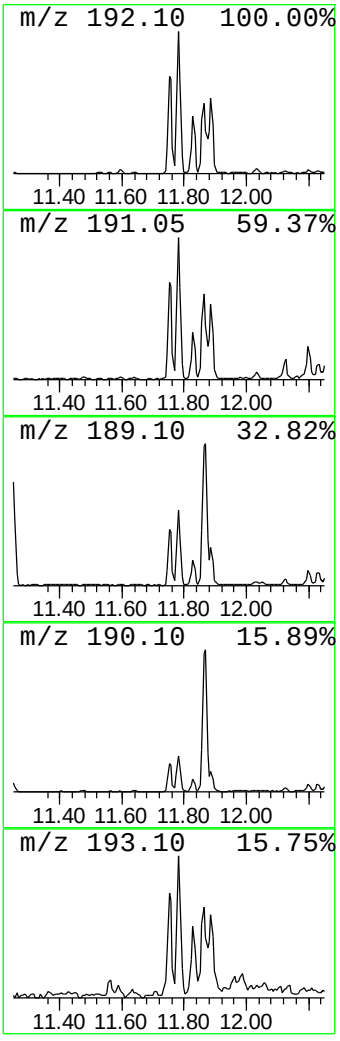
Peak Number 11 Anthracene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	7.55 ng	316062	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93





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Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-11-19

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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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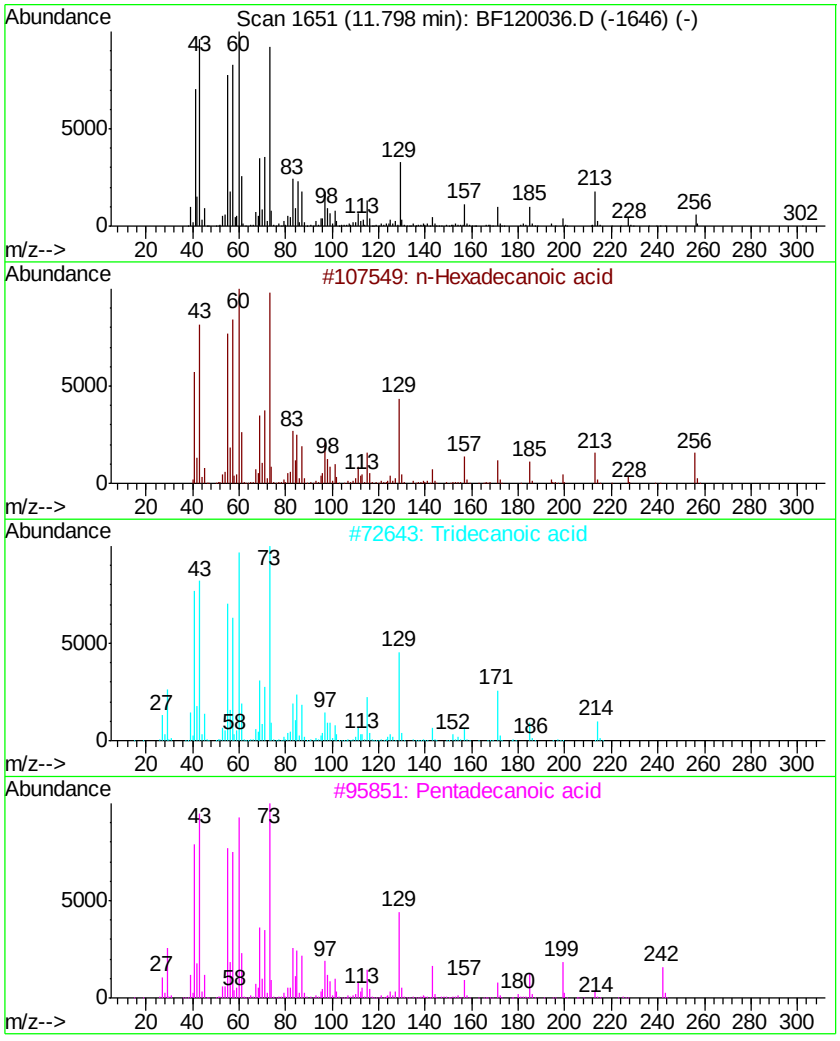
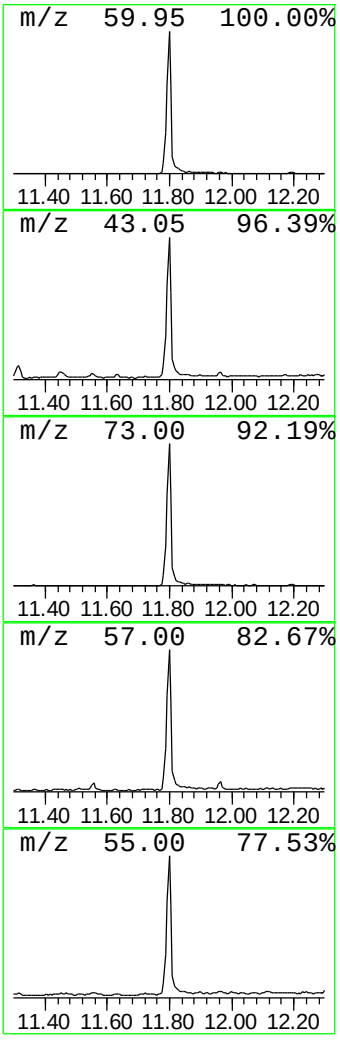
Peak Number 12 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	57.34 ng	2401480	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2	Tridecanoic acid	214	C13H26O2	000638-53-9	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	Dodecanoic acid	200	C12H24O2	000143-07-7	53





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Sample : L2230-59 5X
Misc :
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Instrument : BNA_F
ClientSampleId : TP-11-19

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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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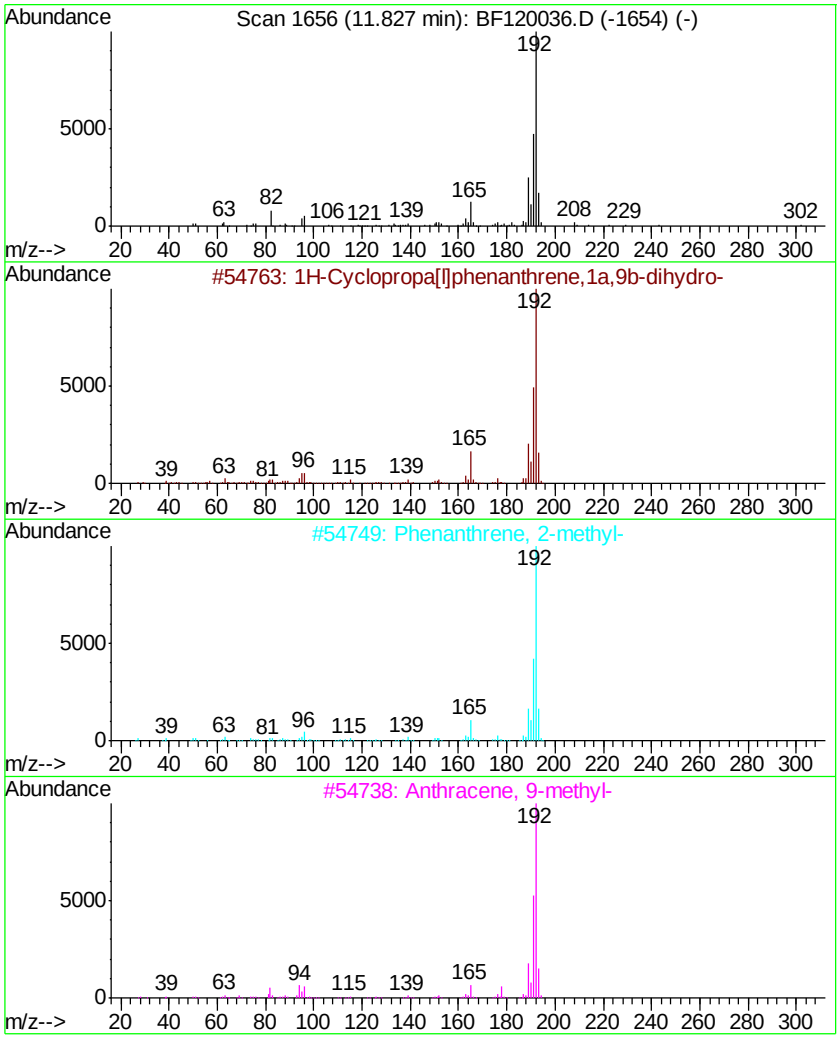
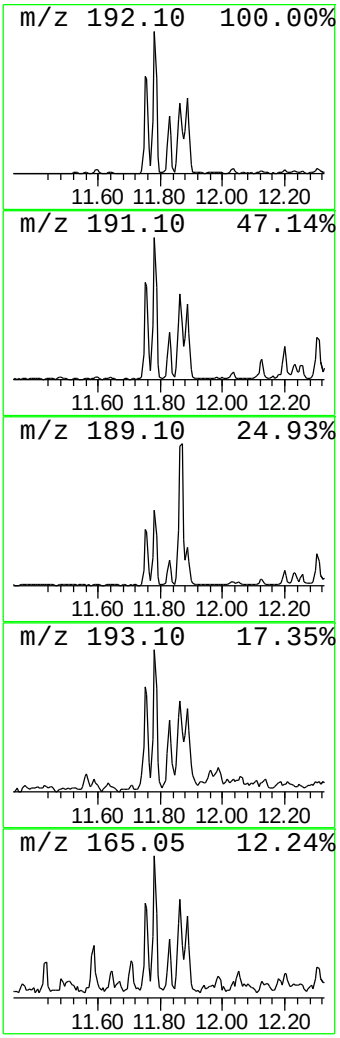
Peak Number 13 1H-Cyclopropa[l]phenanthren... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	5.35 ng	224247	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	96
4	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	95
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95





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Sample : L2230-59 5X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-11-19

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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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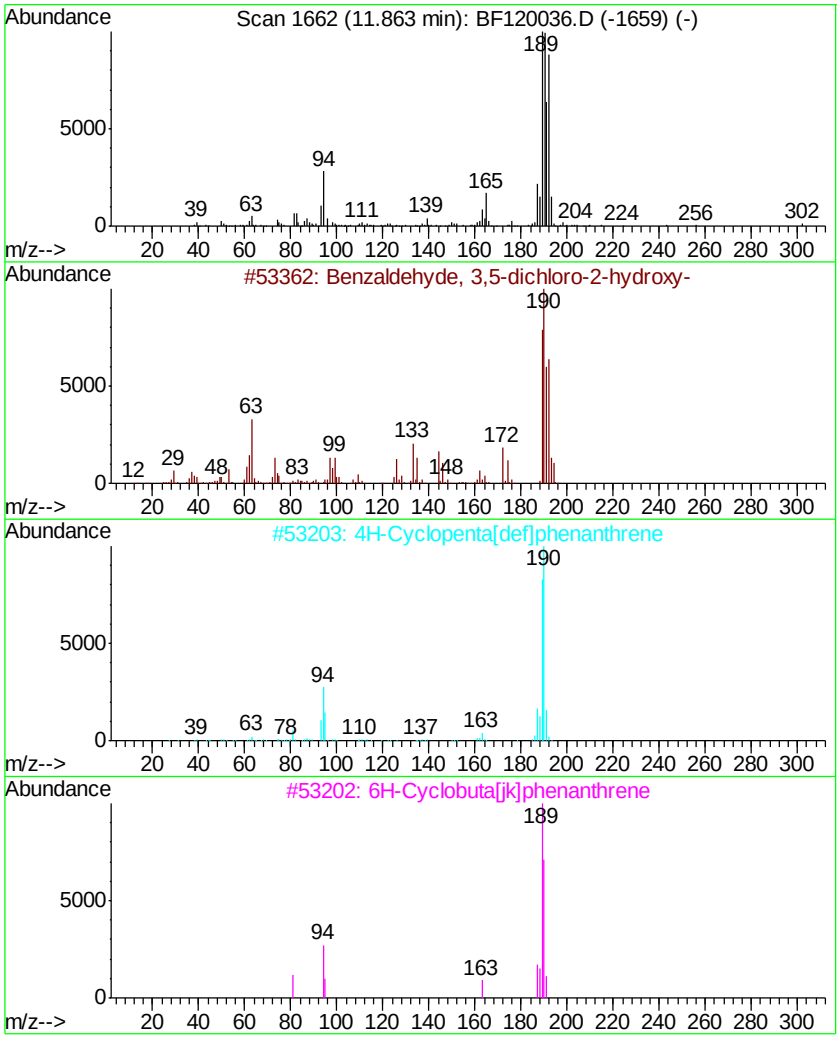
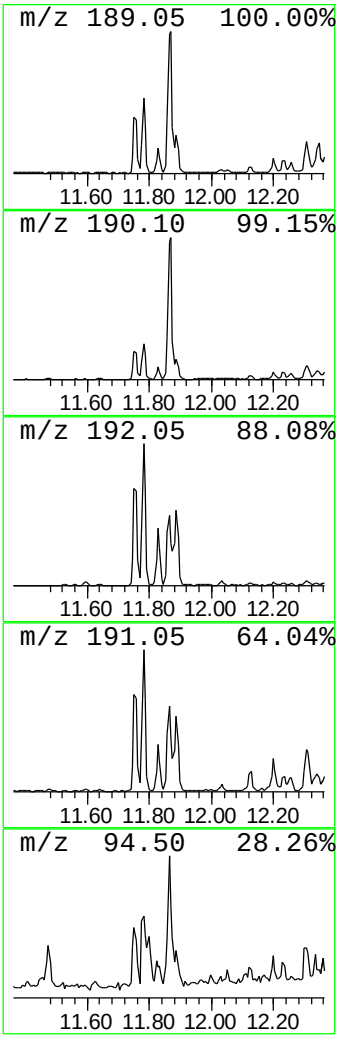
Peak Number 14 Benzaldehyde, 3,5-dichloro-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	12.76 ng	534458	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	42
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	42





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Sample : L2230-59 5X
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ClientSampleId : TP-11-19

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

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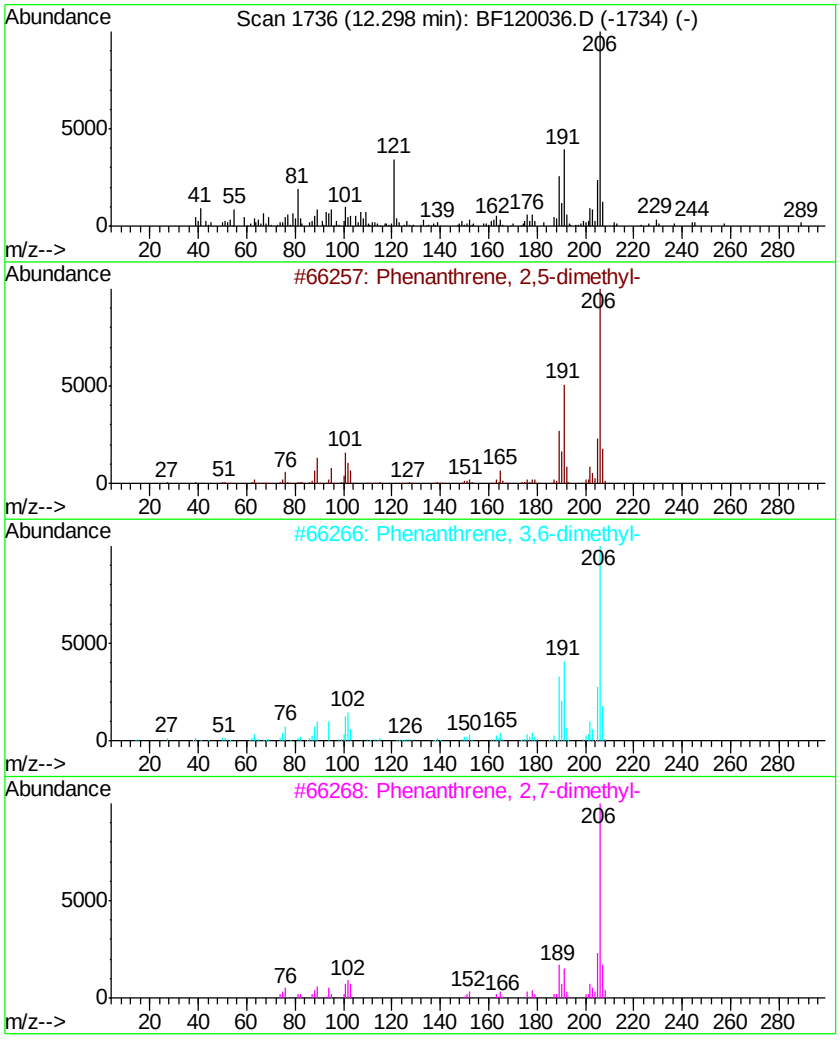
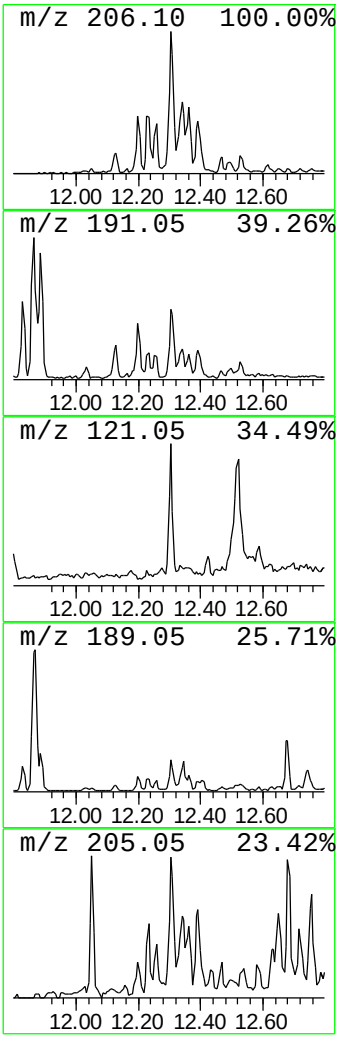
Peak Number 15 Phenanthrene, 2,5-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	7.15 ng	299388	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	87
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	86





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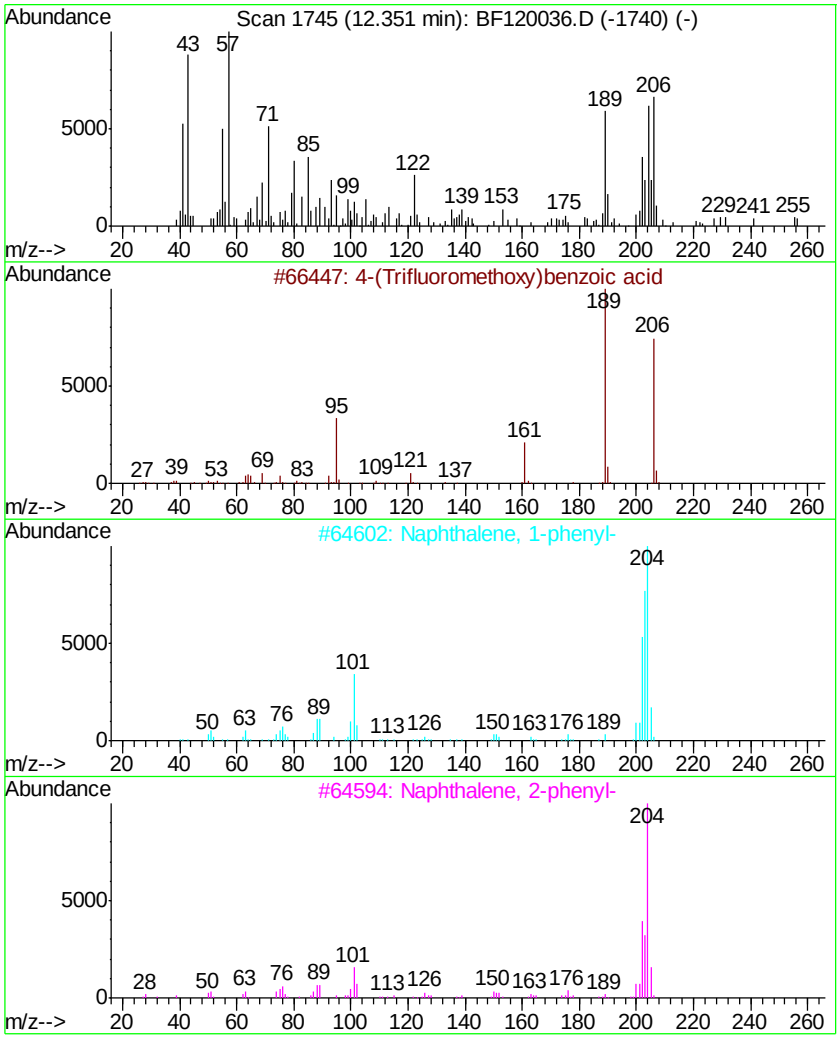
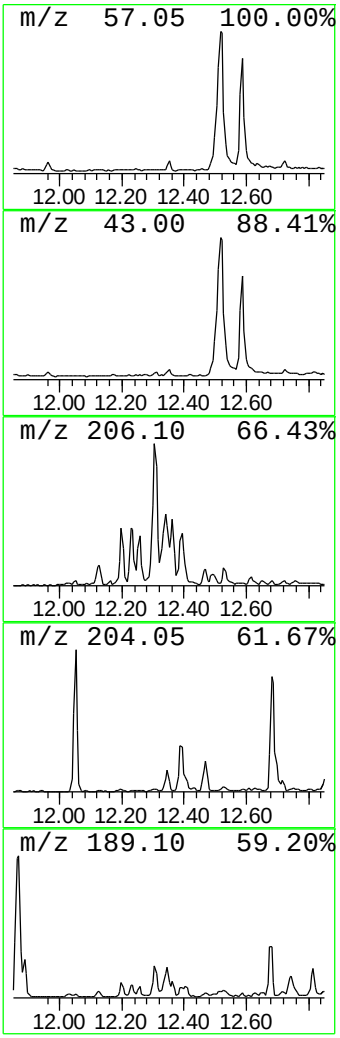
Peak Number 16 unknown12.35 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	7.08 ng	296513	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(Trifluoromethoxy)benzoic acid	206	C8H5F3O3	000330-12-1	38
2	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	35
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	35
4	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	35
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	30





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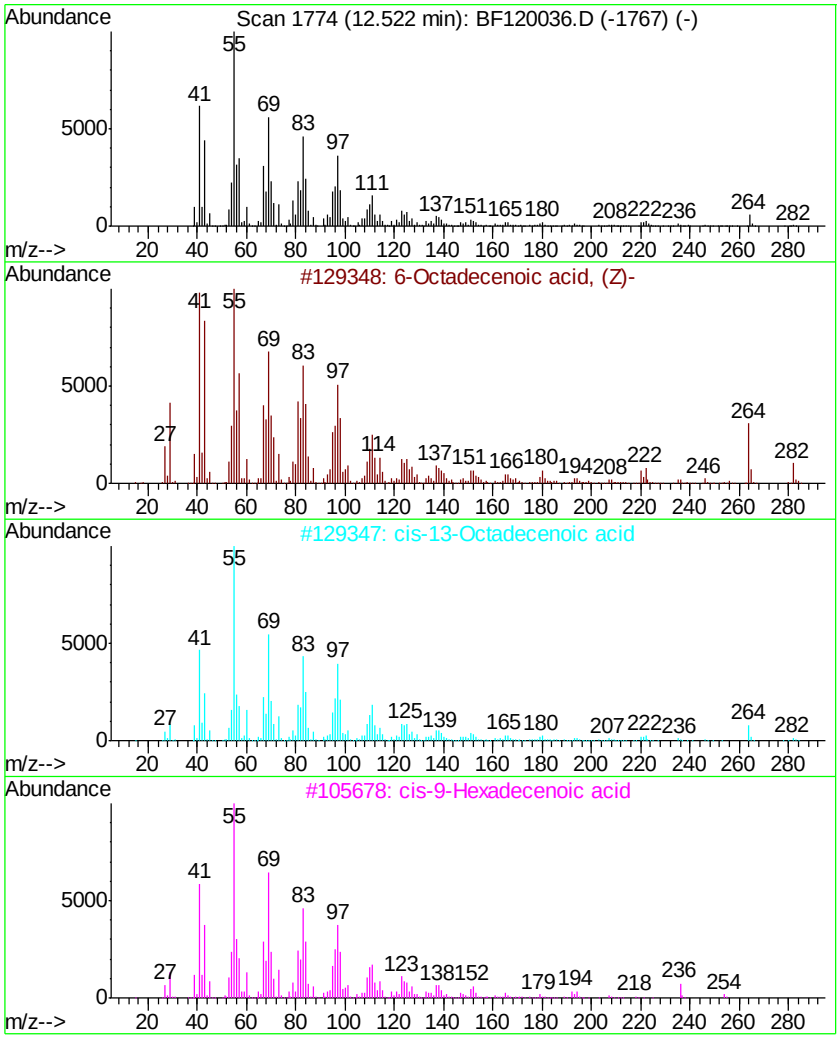
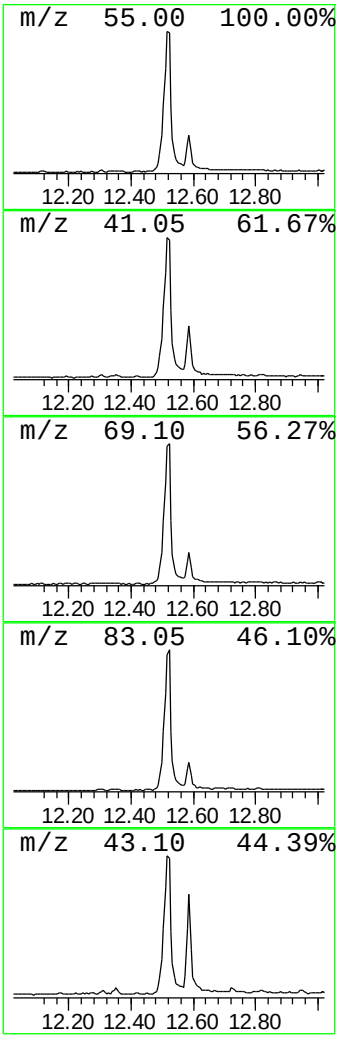
Peak Number 17 6-Octadecenoic acid, (Z)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	141.24 ng	5915130	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Octadecenoic acid, (Z)-	282	C18H34O2	000593-39-5	93
2	cis-13-Octadecenoic acid	282	C18H34O2	013126-39-1	91
3	cis-9-Hexadecenoic acid	254	C16H30O2	1000333-19-5	91
4	cis-10-Nonadecenoic acid	296	C19H36O2	073033-09-7	91
5	cis-Vaccenic acid	282	C18H34O2	000506-17-2	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041620\
Data File : BF120036.D
Acq On : 16 Apr 2020 15:14
Operator : MA/SJ
Sample : L2230-59 5X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-11-19

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

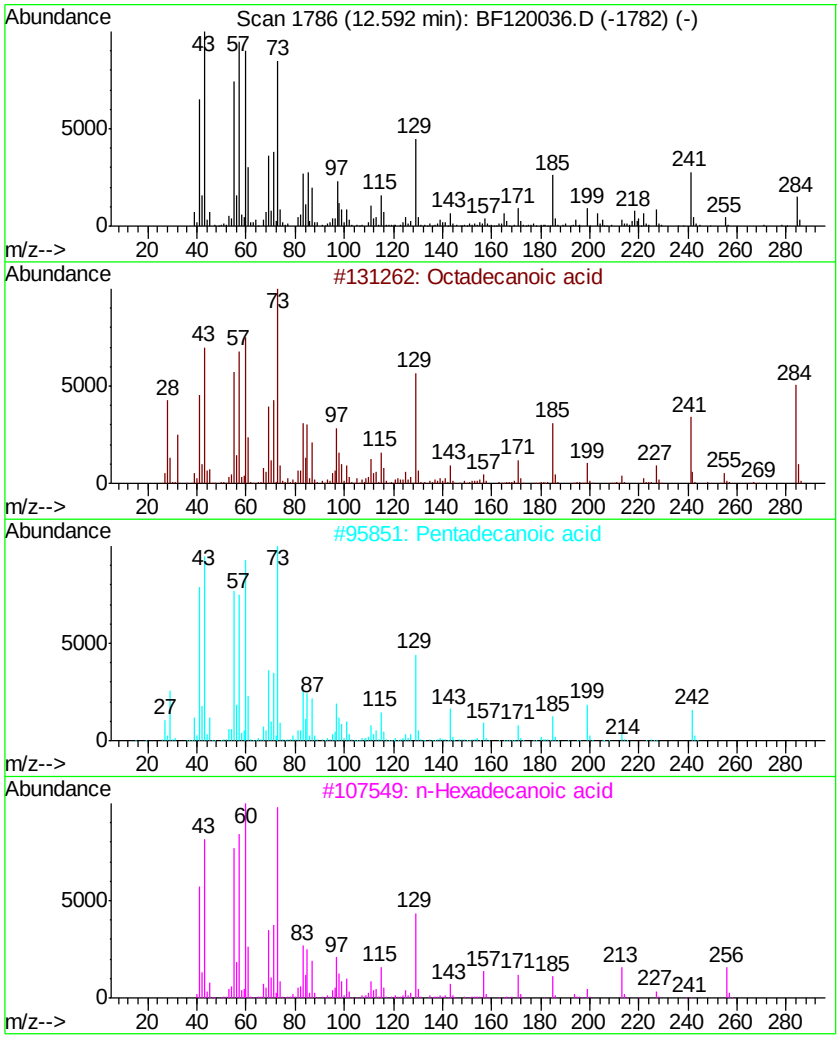
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

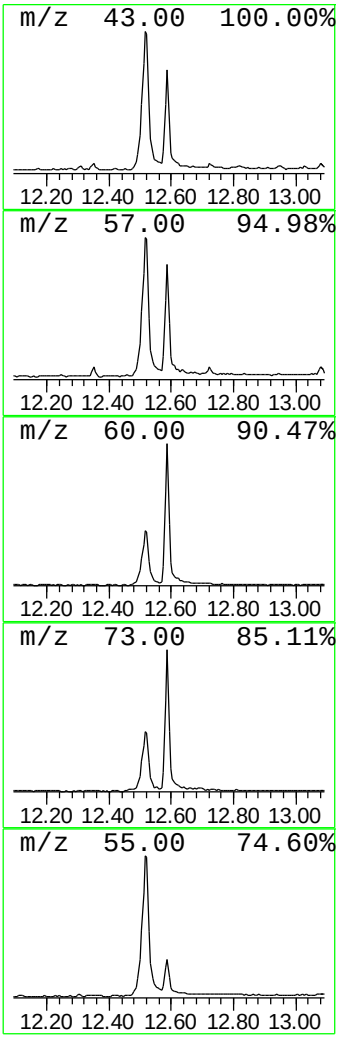
****

Peak Number 18 Octadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.59	10.66 ng	1111500	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5	Undecanoic acid	186	C11H22O2	000112-37-8	58





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041620\
Data File : BF120036.D
Acq On : 16 Apr 2020 15:14
Operator : MA/SJ
Sample : L2230-59 5X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-11-19

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

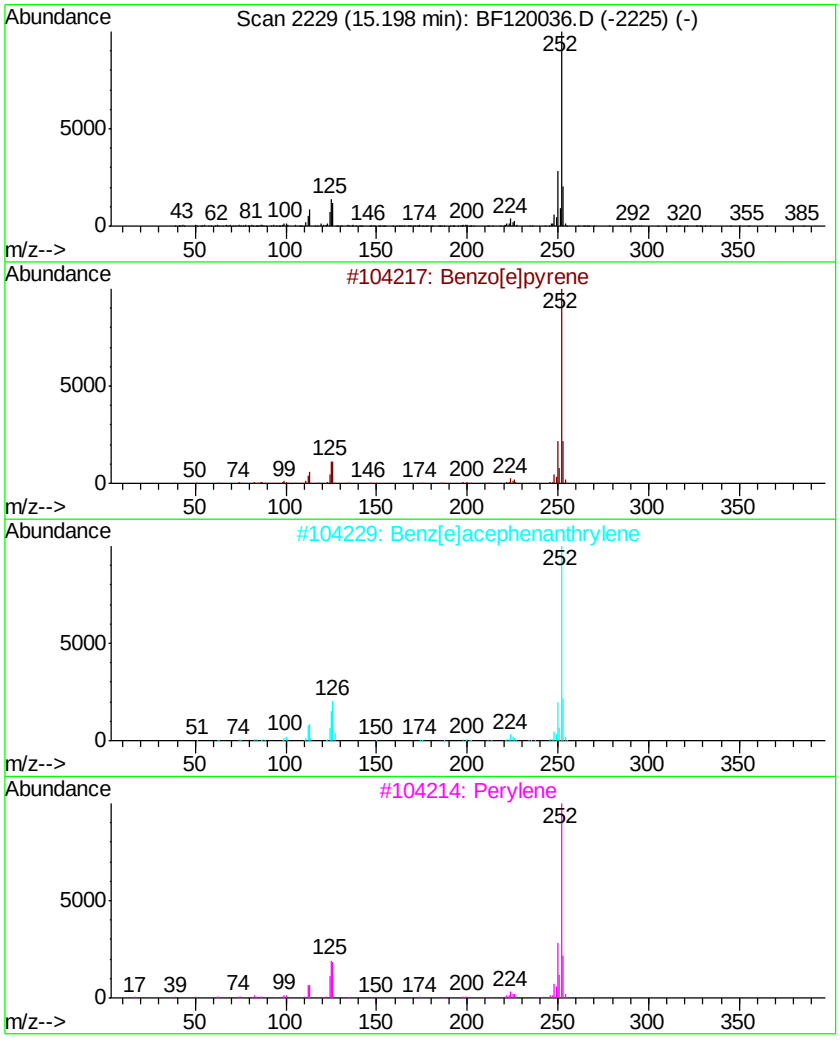
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

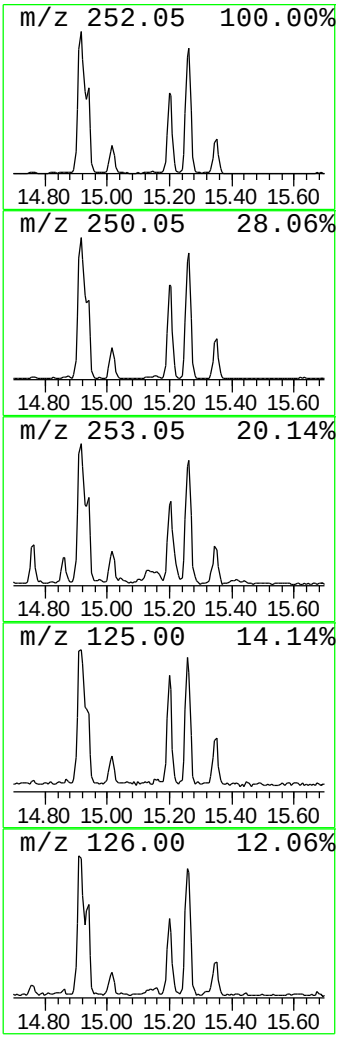
****

Peak Number 20 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.20	20.42 ng	690188	Perylene-d12	15.32

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	94
3	Perylene	252	C20H12	000198-55-0	94
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041620\
Data File : BF120036.D
Acq On : 16 Apr 2020 15:14
Operator : MA/SJ
Sample : L2230-59 5X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-11-19

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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
.alpha.-Pinene	6.00	143.5	ng	5775720	1	6.72	804936	20.0
Camphene	6.17	9.1	ng	364439	1	6.72	804936	20.0
Benzene, butyl-	6.20	6.2	ng	248138	1	6.72	804936	20.0
.beta.-Pinene	6.43	53.6	ng	2157480	1	6.72	804936	20.0
Benzene, 1-methyl...	6.80	28.0	ng	1126850	1	6.72	804936	20.0
Cyclohexane, 1-me...	6.85	21.5	ng	865654	1	6.72	804936	20.0
Cyclohexanemethan...	7.74	14.0	ng	968179	2	8.01	1385860	20.0
unknown8.16	8.16	5.1	ng	351739	2	8.01	1385860	20.0
Decahydro-4,4,8,9...	9.17	5.3	ng	291041	3	9.77	1109460	20.0
Anthracene, 2-met...	11.75	7.5	ng	316062	4	11.25	837626	20.0
n-Hexadecanoic acid	11.80	57.3	ng	2401480	4	11.25	837626	20.0
1H-Cyclopropa[l]p...	11.83	5.3	ng	224247	4	11.25	837626	20.0
Benzaldehyde, 3,5...	11.86	12.8	ng	534458	4	11.25	837626	20.0
Phenanthrene, 2,5...	12.30	7.2	ng	299388	4	11.25	837626	20.0
unknown12.35	12.35	7.1	ng	296513	4	11.25	837626	20.0
6-Octadecenoic ac...	12.52	141.2	ng	5915130	4	11.25	837626	20.0
Octadecanoic acid	12.59	10.7	ng	1111500	5	13.89	2085670	20.0
Benzo[e]pyrene	15.20	20.4	ng	690188	6	15.32	676043	20.0