LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
Data File : BF118985.D
Acq On : 21 Feb 2020 3:52
Operator : CG/JU
Sample : L1552-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-SF-01-008-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-BF022020.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	4.322	375	380	388	rBV	393600	486429	20.50%	1.412%
2	4.969	483	490	493	rBV	1265007	1603311	67.57%	4.655%
3	5.381	557	560	572	rVB	711642	697264	29.39%	2.024%
4	6.398	730	733	747	rBV	1681223	1598906	67.39%	4.642%
5	6.763	791	795	798	rBV	1125399	953656	40.19%	2.769%
6	6.916	817	821	825	rBV	2037273	1749149	73.72%	5.078%
7	7.322	886	890	893	rBV	1375560	1163092	49.02%	3.377%
8	8.039	1008	1012	1015	rBV	1264745	1259001	53.06%	3.655%
9	8.063	1015	1016	1020	rVB	403036	236677	9.97%	0.687%
10	8.639	1110	1114	1117	rBV2	45304	44115	1.86%	0.128%
11	8.757	1128	1134	1137	rVB	125746	132499	5.58%	0.385%
12	8.851	1147	1150	1154	rBV2	99683	97515	4.11%	0.283%
13	9.069	1184	1187	1191	rVB2	54536	48488	2.04%	0.141%
14	9.116	1191	1195	1198	rBV	2988726	2372772	100.00%	6.889%
15	9.204	1206	1210	1214	rBV2	77278	119938	5.05%	0.348%
16	9.310	1226	1228	1234	rVB	26103	32655	1.38%	0.095%
17	9.374	1236	1239	1244	rVB3	54103	80446	3.39%	0.234%
18	9.451	1244	1252	1255	rBV	103536	145099	6.12%	0.421%
19	9.480	1255	1257	1259	rVV	78556	62758	2.64%	0.182%
20	9.510	1259	1262	1266	rVV2	188368	230783	9.73%	0.670%
21	9.574	1270	1273	1277	rVB2	49328	71243	3.00%	0.207%
22	9.657	1284	1287	1291	rBV	56811	64209	2.71%	0.186%
23	9.710	1291	1296	1298	rVV3	50387	65830	2.77%	0.191%
24	9.733	1298	1300	1304	rVB	82061	66497	2.80%	0.193%
25	9.792	1304	1310	1313	rBV	1431310	1215582	51.23%	3.529%
26	9.827	1313	1316	1319	rVB	243804	225315	9.50%	0.654%
27	9.857	1319	1321	1325	rVB3	30519	34685	1.46%	0.101%
28	9.898	1325	1328	1332	rVB2	45134	57388	2.42%	0.167%
29	9.951	1332	1337	1339	rBV4	40130	60403	2.55%	0.175%
30	9.998	1342	1345	1348	rVB	226970	197267	8.31%	0.573%
31	10.039	1349	1352	1353	rBV	34729	28921	1.22%	0.084%
32	10.110	1362	1364	1367	rBV	55813	57571	2.43%	0.167%
33	10.204	1377	1380	1381	rBV2	38552	36482	1.54%	0.106%
34	10.227	1381	1384	1387	rVB2	106991	96319	4.06%	0.280%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
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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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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.339	1399	1403	1406	rBV	335675	298165	12.57%	0.866%
36	10.427	1416	1418	1419	rBV2	41295	34847	1.47%	0.101%
37	10.451	1419	1422	1425	rVV	146656	138678	5.84%	0.403%
38	10.498	1427	1430	1434	rVB2	83245	90148	3.80%	0.262%
39	10.533	1434	1436	1439	rBV3	29195	35475	1.50%	0.103%
40	10.580	1439	1444	1448	rVV3	98281	138360	5.83%	0.402%
41	10.616	1448	1450	1456	rVB6	32024	56149	2.37%	0.163%
42	10.716	1462	1467	1472	rVB2	263101	358423	15.11%	1.041%
43	10.780	1473	1478	1480	rBV5	33755	56541	2.38%	0.164%
44	10.886	1494	1496	1499	rVB4	53034	44241	1.86%	0.128%
45	10.916	1499	1501	1507	rVB4	47009	50930	2.15%	0.148%
46	11.021	1516	1519	1520	rBV2	34621	35620	1.50%	0.103%
47	11.080	1527	1529	1532	rBV2	49448	43510	1.83%	0.126%
48	11.145	1534	1540	1542	rVV3	144795	181767	7.66%	0.528%
49	11.174	1542	1545	1552	rVB2	223940	272203	11.47%	0.790%
50	11.274	1559	1562	1564	rBV	1137490	998513	42.08%	2.899%
51	11.298	1564	1566	1569	rVV	1758679	1485261	62.60%	4.312%
52	11.351	1569	1575	1578	rVV	449850	457929	19.30%	1.329%
53	11.386	1579	1581	1584	rVB2	49711	51174	2.16%	0.149%
54	11.504	1596	1601	1603	rBV2	176863	187517	7.90%	0.544%
55	11.574	1610	1613	1615	rBV	141724	116280	4.90%	0.338%
56	11.604	1616	1618	1620	rBV	39889	35729	1.51%	0.104%
57	11.733	1638	1640	1642	rBV2	33863	29214	1.23%	0.085%
58	11.774	1644	1647	1650	rVV	174479	167877	7.08%	0.487%
59	11.804	1650	1652	1655	rVB	296226	236761	9.98%	0.687%
60	11.851	1658	1660	1663	rBV	83812	61452	2.59%	0.178%
61	11.886	1663	1666	1669	rBV	307386	331553	13.97%	0.963%
62	11.980	1679	1682	1685	rVB2	131252	105880	4.46%	0.307%
63	12.010	1685	1687	1690	rBV2	40048	34768	1.47%	0.101%
64	12.068	1695	1697	1700	rVV	143785	131168	5.53%	0.381%
65	12.098	1700	1702	1706	rVB2	82695	84479	3.56%	0.245%
66	12.204	1717	1720	1721	rBV2	52486	53588	2.26%	0.156%
67	12.221	1721	1723	1725	rVB	73614	56358	2.38%	0.164%
68	12.257	1726	1729	1731	rBV2	78666	96816	4.08%	0.281%
69	12.327	1738	1741	1743	rBV	157942	154718	6.52%	0.449%
70	12.368	1745	1748	1753	rVB3	142727	178314	7.52%	0.518%
71	12.415	1753	1756	1759	rBV2	79502	88121	3.71%	0.256%

LSC Area Percent Report

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Instrument : BNA_F
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72	12.486	1764	1768	1772	rBV	1883431	1672693	70.50%	4.856%
73	12.715	1801	1807	1810	rBV	1597562	1680445	70.82%	4.879%
74	12.739	1810	1811	1813	rVB	150514	77219	3.25%	0.224%
75	12.833	1825	1827	1828	rBV2	82536	71009	2.99%	0.206%
76	12.857	1828	1831	1839	rVB	2454290	2174775	91.66%	6.314%
77	13.045	1860	1863	1866	rVB	267571	236817	9.98%	0.688%
78	13.110	1869	1874	1877	rVV2	210858	257727	10.86%	0.748%
79	13.145	1877	1880	1889	rVV3	161835	276433	11.65%	0.803%
80	13.268	1899	1901	1905	rBV	96326	114516	4.83%	0.332%
81	13.327	1909	1911	1915	rVV	153362	152069	6.41%	0.441%
82	13.762	1982	1985	1992	rVB2	256693	338021	14.25%	0.981%
83	13.909	2005	2010	2013	rBV2	1382676	1904068	80.25%	5.528%
84	13.939	2013	2015	2018	rVB	626049	496946	20.94%	1.443%
85	14.939	2181	2185	2191	rBV	505377	919953	38.77%	2.671%
86	15.286	2241	2244	2249	rVB	427002	525450	22.14%	1.525%
87	15.345	2251	2254	2263	rVB2	698555	1175606	49.55%	3.413%

Sum of corrected areas: 34444539

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
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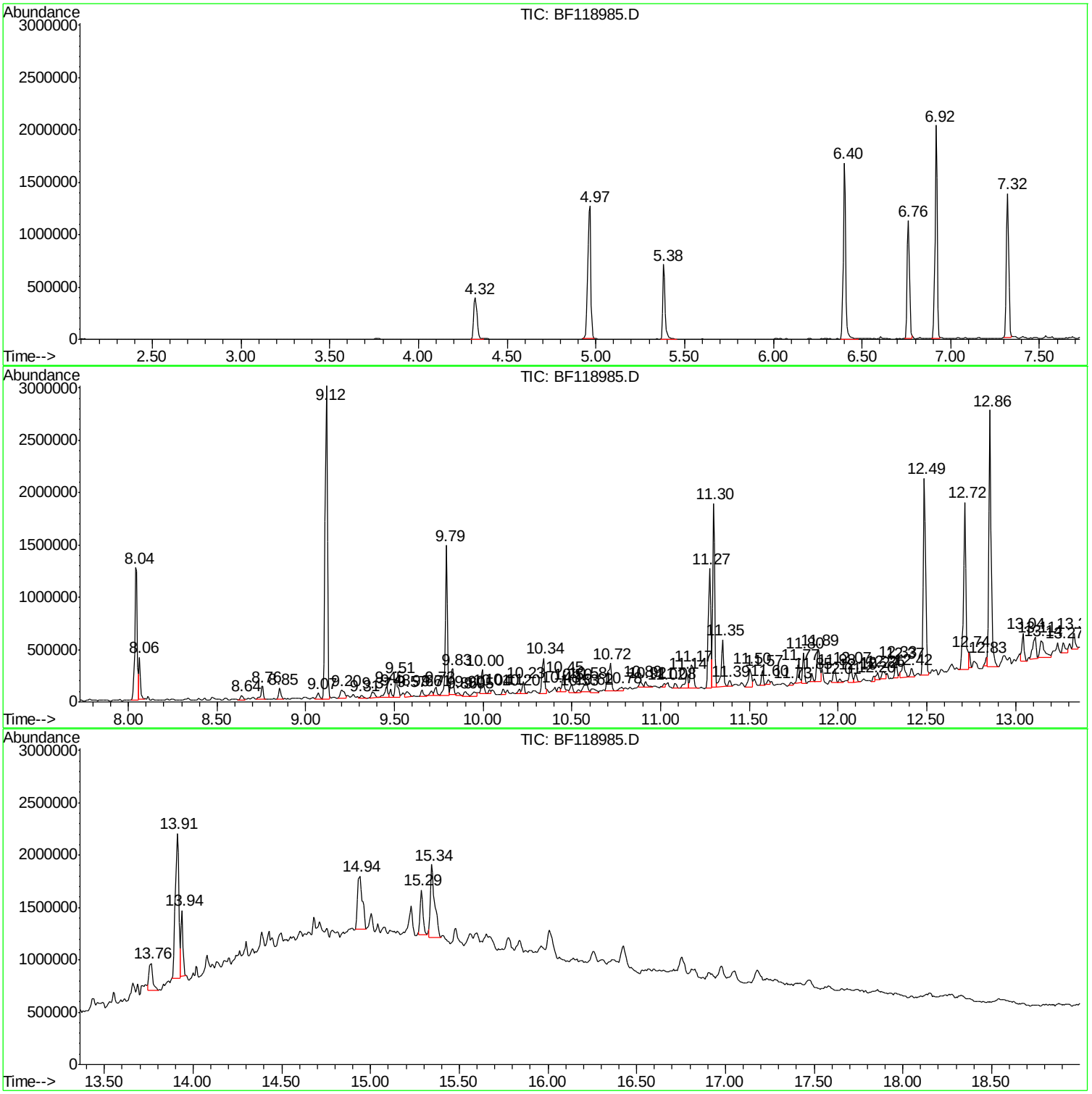
Sample : L1552-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-SF-01-008-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.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\BF022020\
Data File : BF118985.D
Acq On : 21 Feb 2020 3:52
Operator : CG/JU
Sample : L1552-01
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Instrument : BNA_F
ClientSampleId : FK-SF-01-008-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

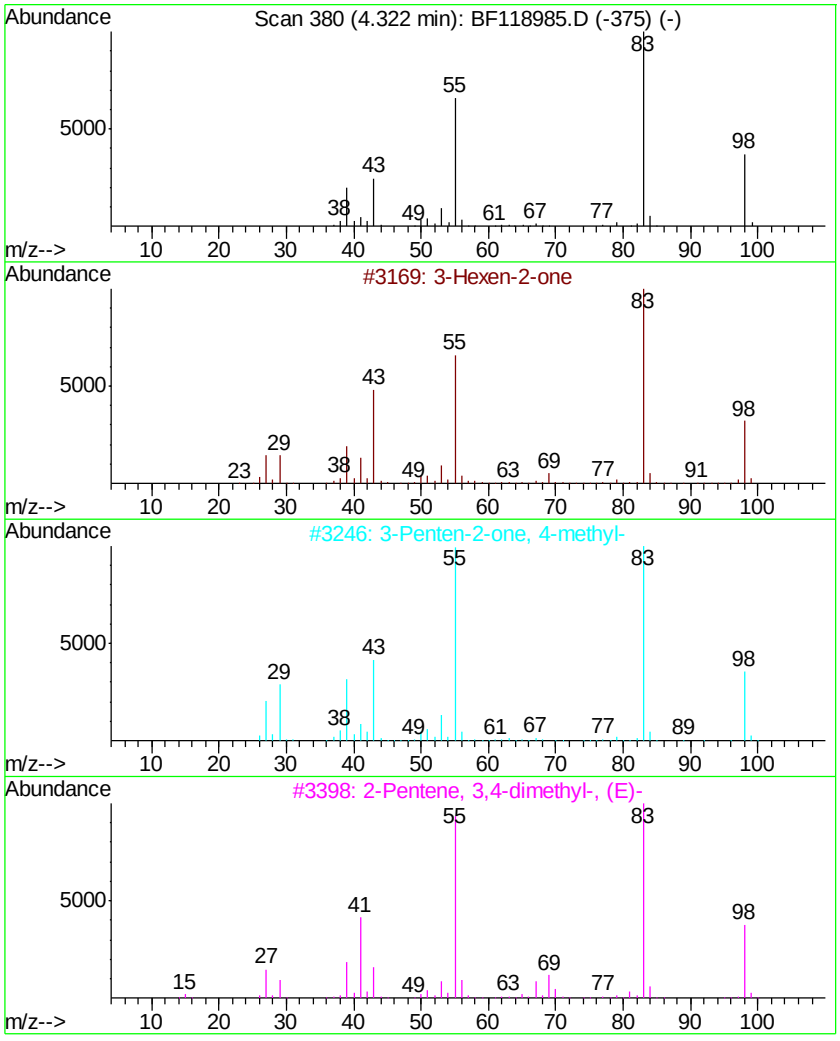
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

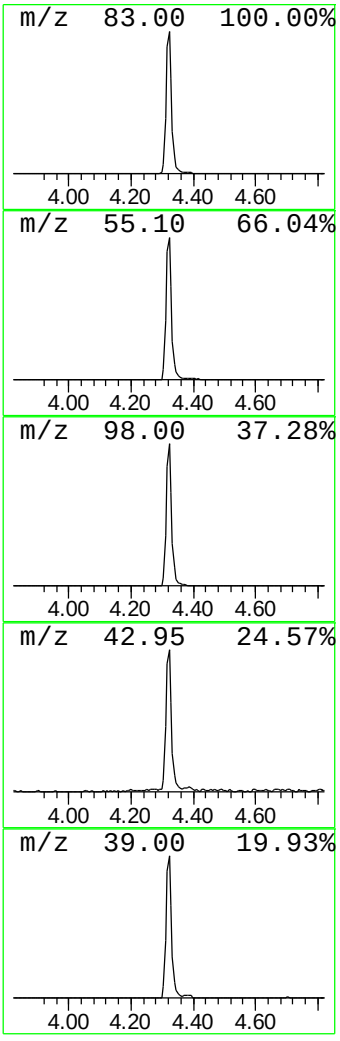
****

Peak Number 1 3-Hexen-2-one Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.32	10.20 ng	486429	1,4-Dichlorobenzene-d4	6.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexen-2-one	98	C6H10O	000763-93-9	91
2	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
3	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	86
4	Furan, 2-methoxy-	98	C5H6O2	025414-22-6	86
5	2-Pentene, 2,3-dimethyl-	98	C7H14	010574-37-5	72





Library Search Compound Report

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Data File : BF118985.D
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Operator : CG/JU
Sample : L1552-01
Misc :
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Instrument : BNA_F
ClientSampleId : FK-SF-01-008-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

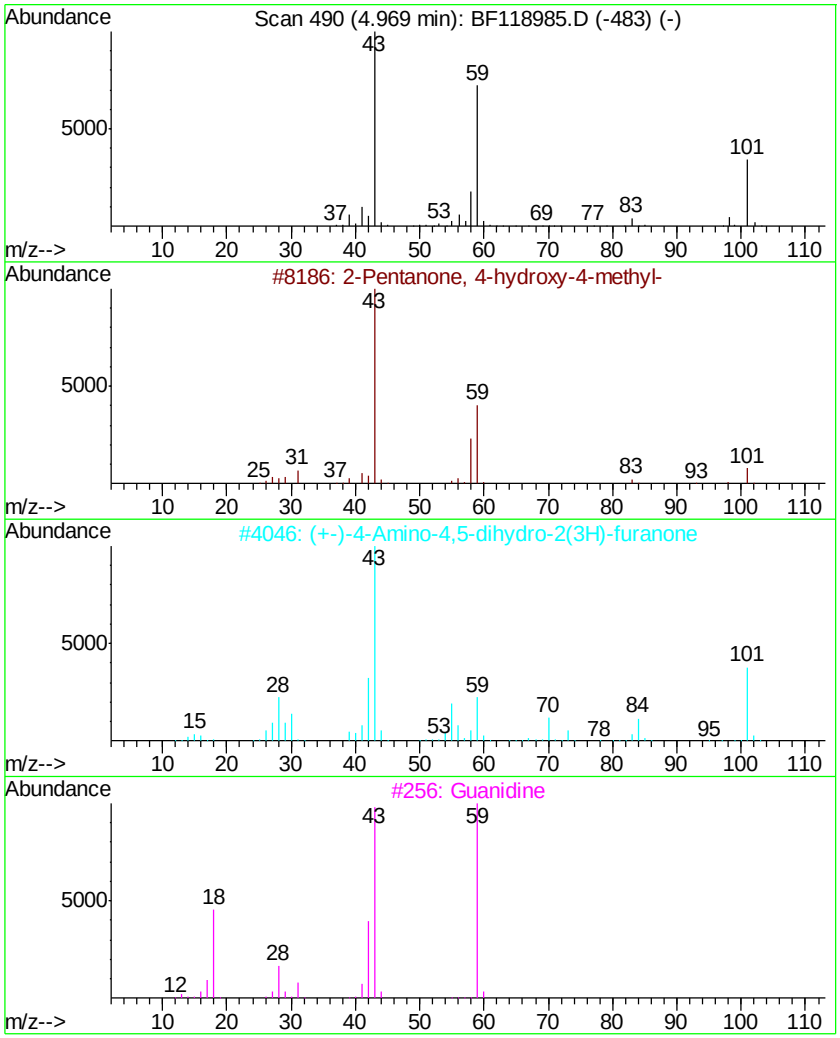
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

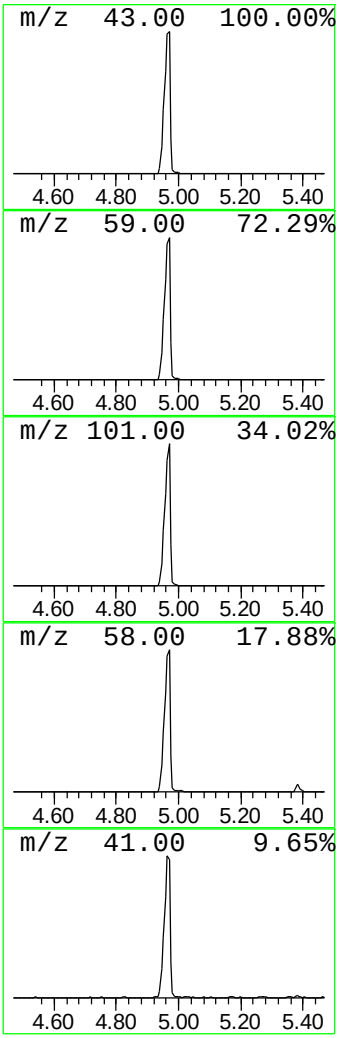
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.97	33.62 ng	1603310	1,4-Dichlorobenzene-d4	6.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	47
3	Guanidine	59	CH5N3	000113-00-8	43
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5	2-Nonanone	142	C9H18O	000821-55-6	12





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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

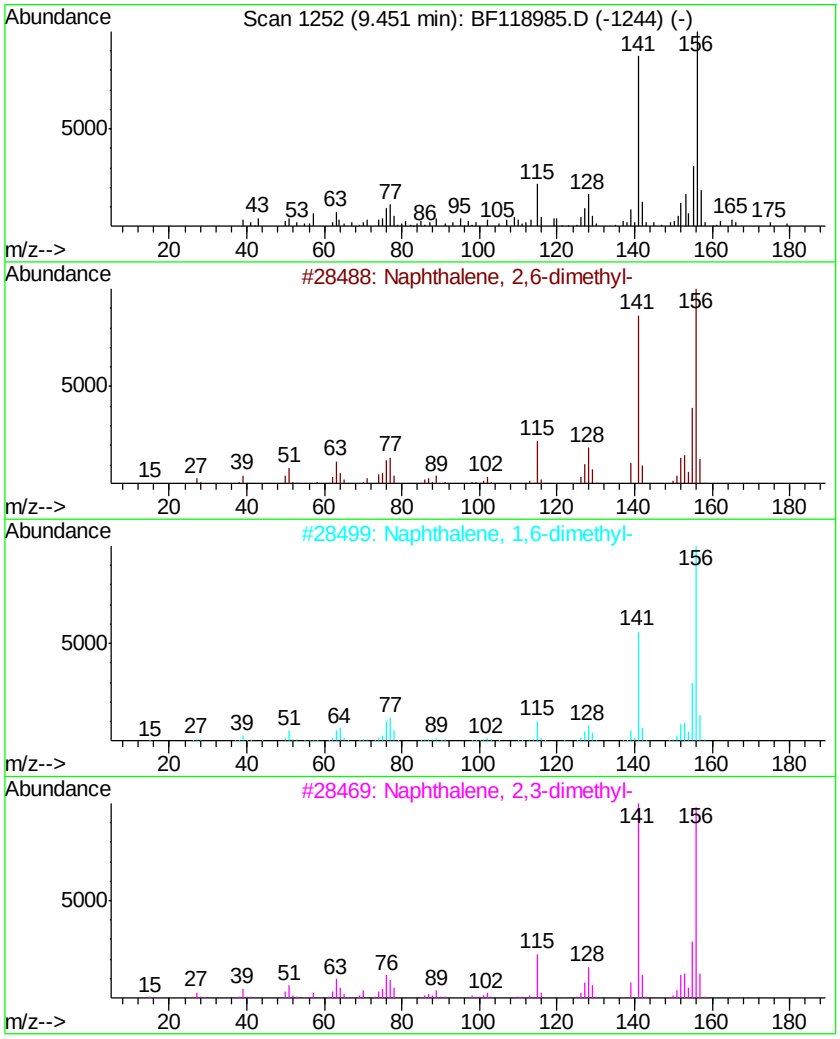
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

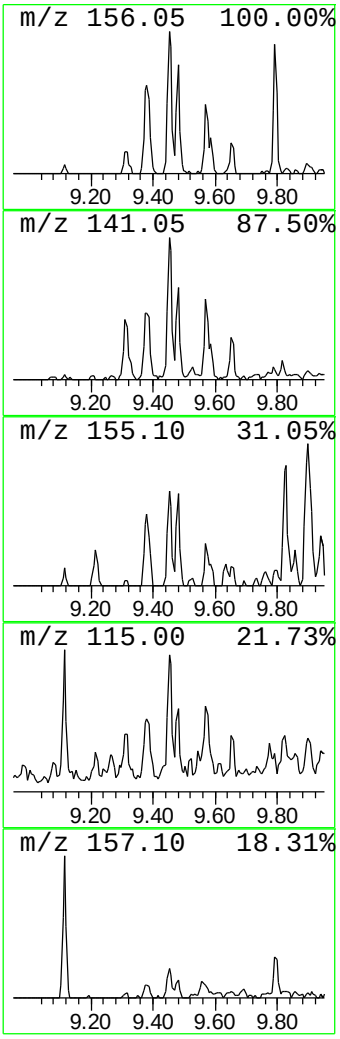
****

Peak Number 4 Naphthalene, 2,6-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.45	2.39 ng	145099	Acenaphthene-d10	9.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95





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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

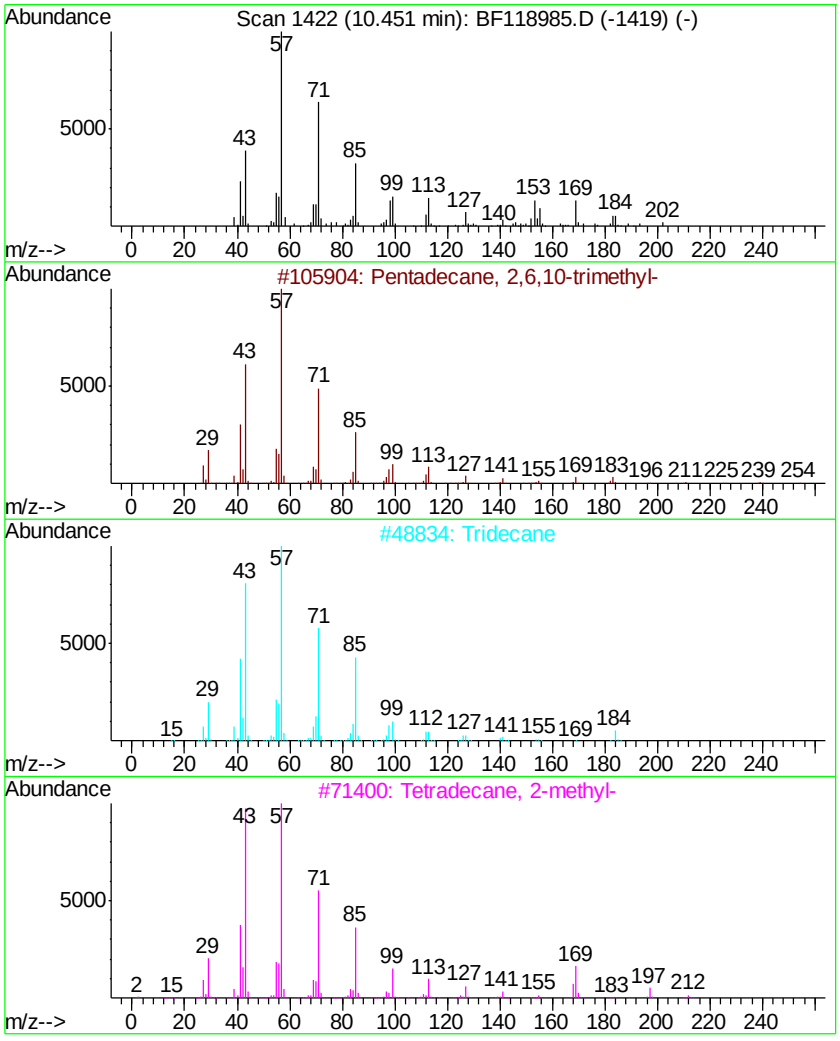
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

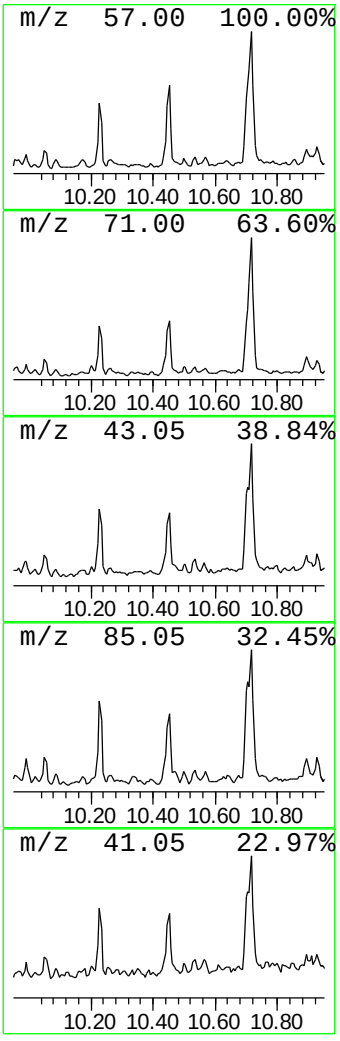
****

Peak Number 5 Pentadecane, 2,6,10-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.45	2.28 ng	138678	Acenaphthene-d10	9.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	72
2	Tridecane	184	C13H28	000629-50-5	64
3	Tetradecane, 2-methyl-	212	C15H32	001560-95-8	64
4	Dodecane	170	C12H26	000112-40-3	62
5	Decane, 2-methyl-	156	C11H24	006975-98-0	58





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Instrument : BNA_F
ClientSampleId : FK-SF-01-008-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

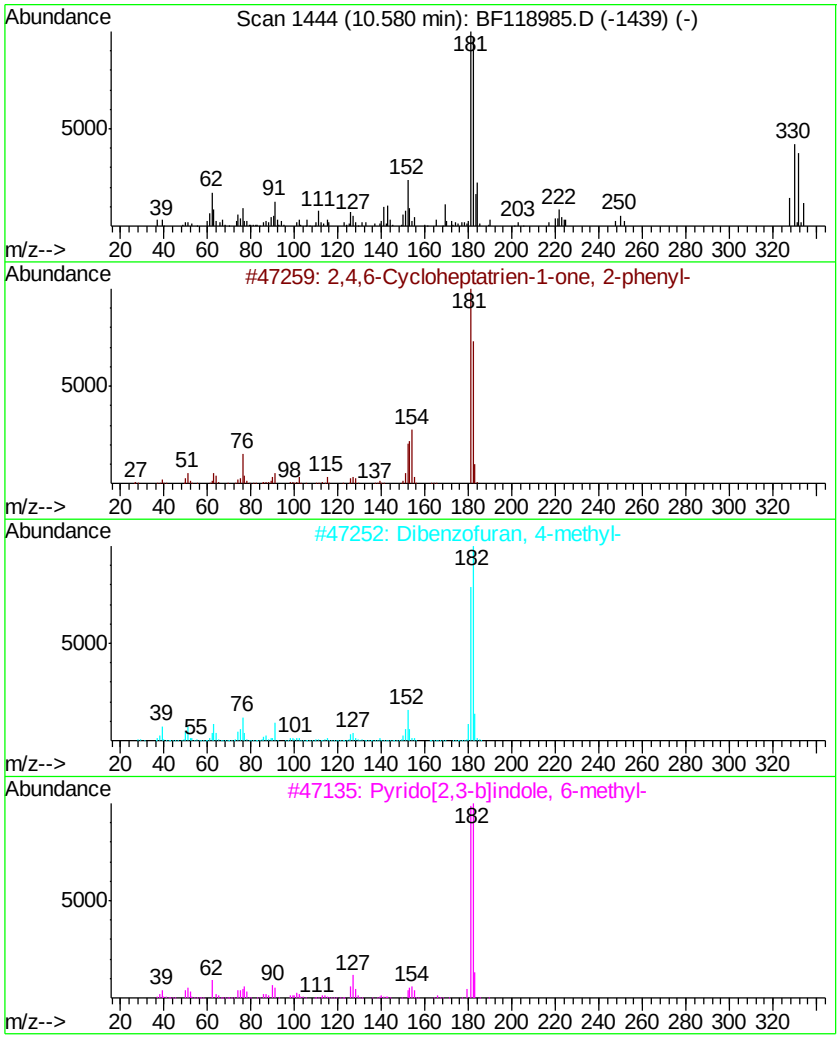
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

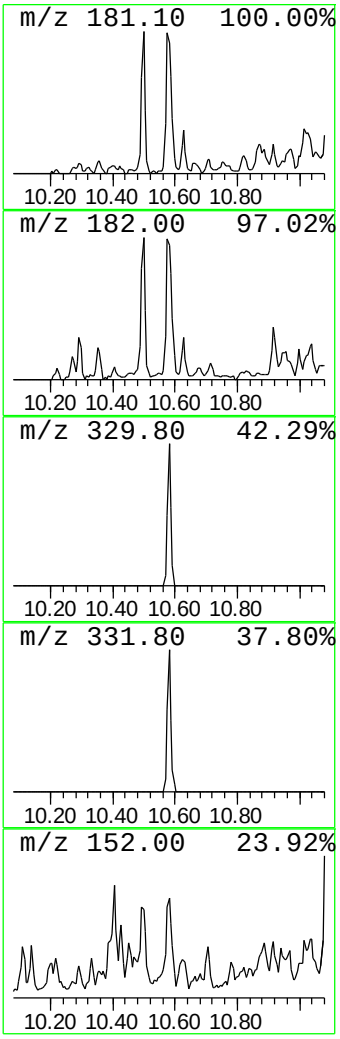
****

Peak Number 6 2,4,6-Cycloheptatrien-1-one... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.58	2.77 ng	138360	Phenanthrene-d10	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	55
2	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	46
3	Pyrido[2,3-b]indole, 6-methyl-	182	C12H10N2	108349-67-3	43
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	43
5	Pyridine, 4,4'-(1,2-ethenediyl)bis-	182	C12H10N2	001135-32-6	43





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ClientSampleId : FK-SF-01-008-A

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TIC Library : C:\DATABASE\NIST11.L
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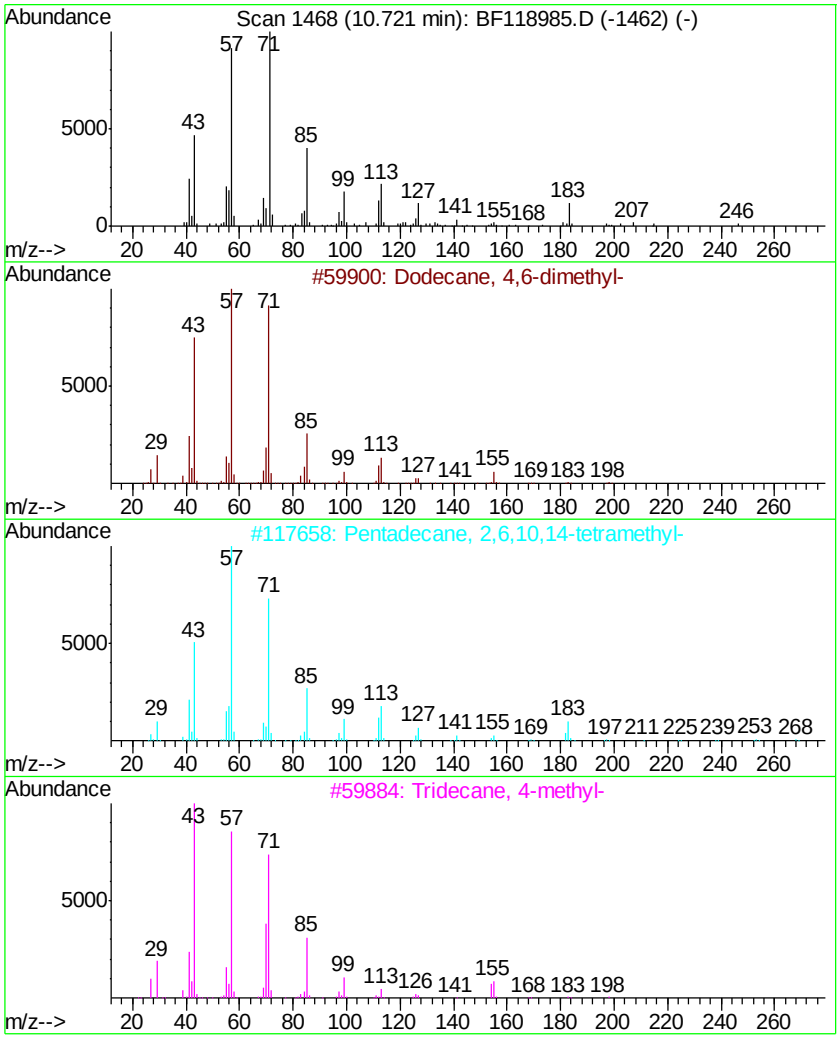
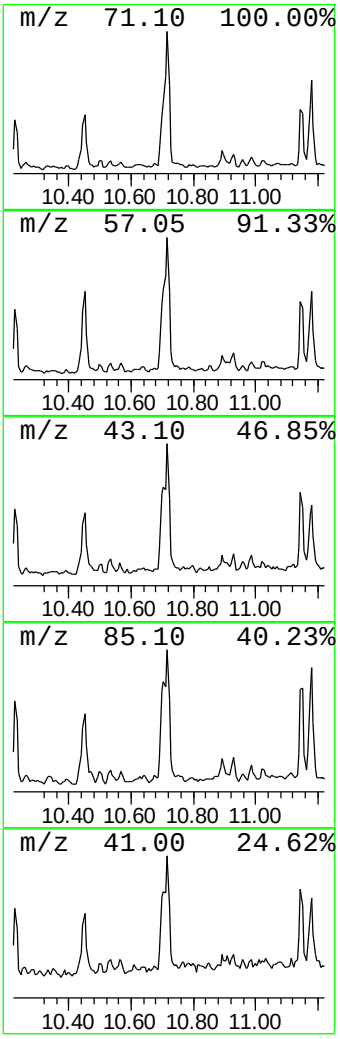
****

Peak Number 7 Dodecane, 4,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.72	7.18 ng	358423	Phenanthrene-d10	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	90
2	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	80
3	Tridecane, 4-methyl-	198	C14H30	026730-12-1	76
4	Sulfurous acid, 2-ethylhexyl tet...	390	C22H46O3S	1000309-19-7	58
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	50





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Sample : L1552-01
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ClientSampleId :
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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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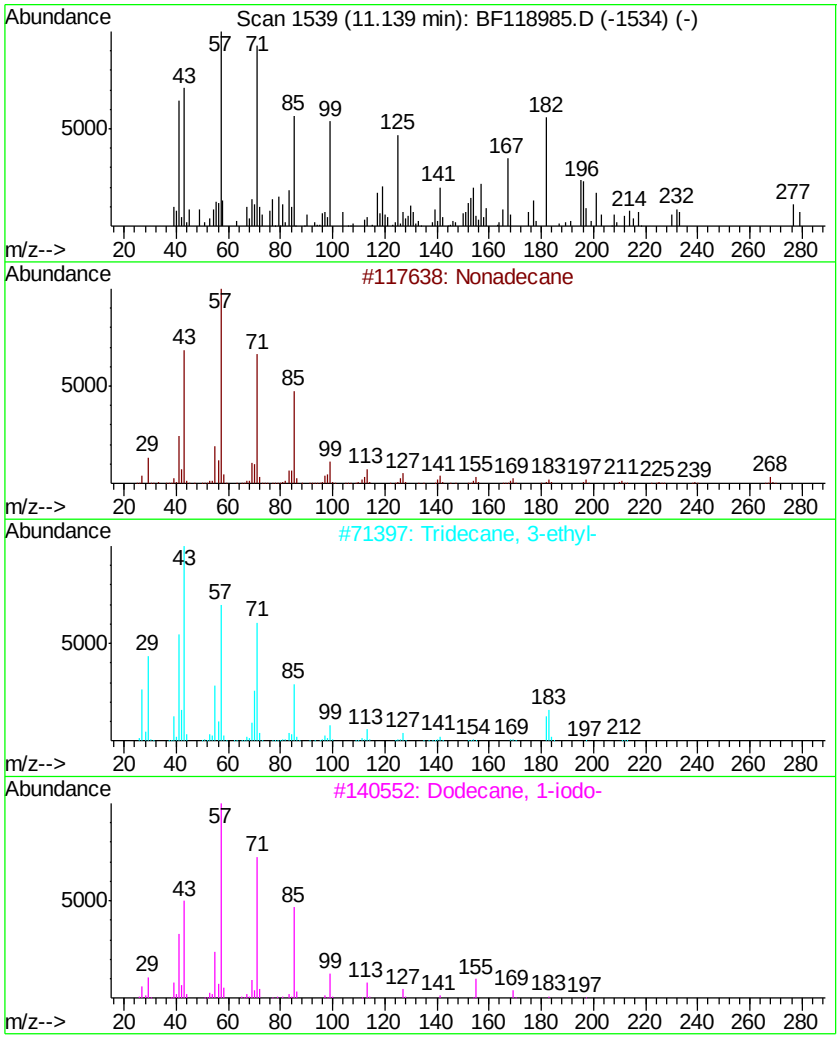
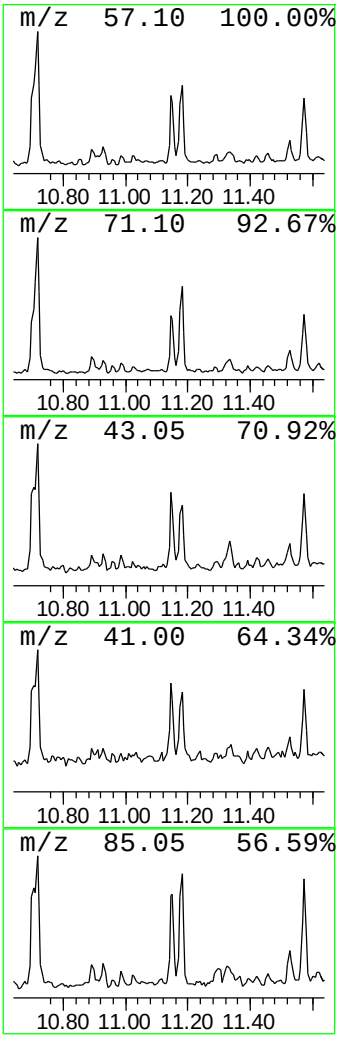
Peak Number 8 Nonadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.14	3.64 ng	181767	Phenanthrene-d10	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	80
2	Tridecane, 3-ethyl-	212	C15H32	013286-73-2	72
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72
4	Octane, 5-ethyl-2-methyl-	156	C11H24	062016-18-6	64
5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	58





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

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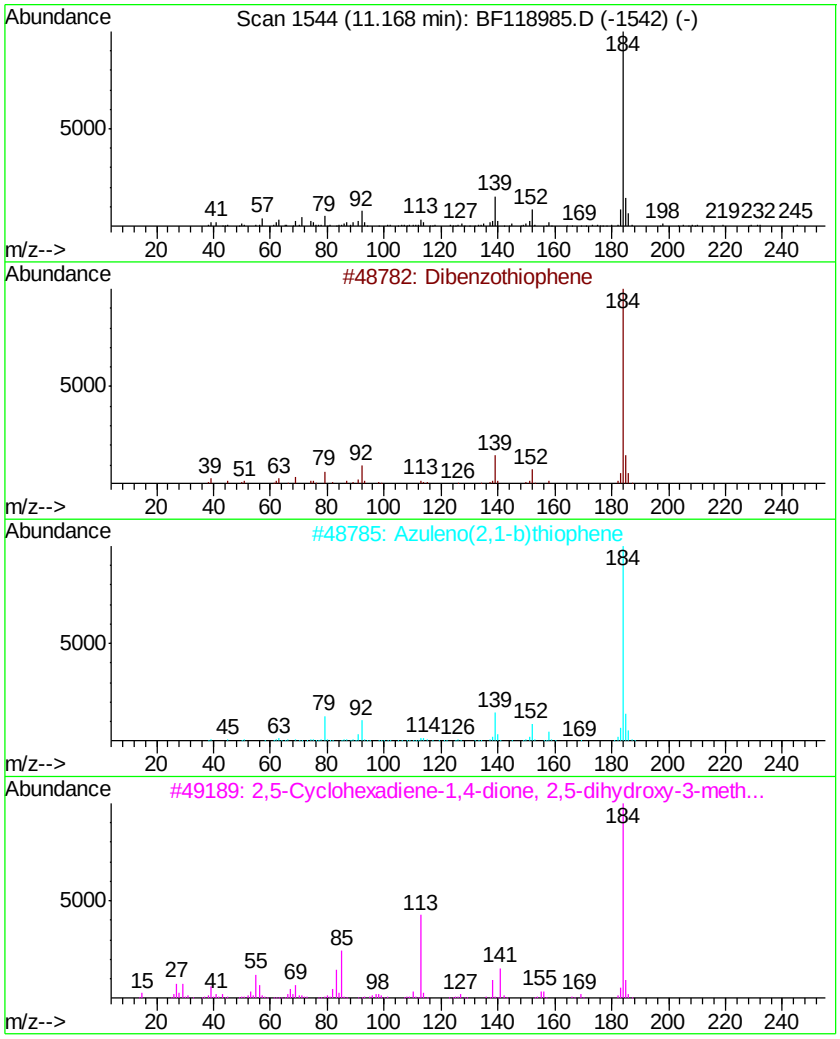
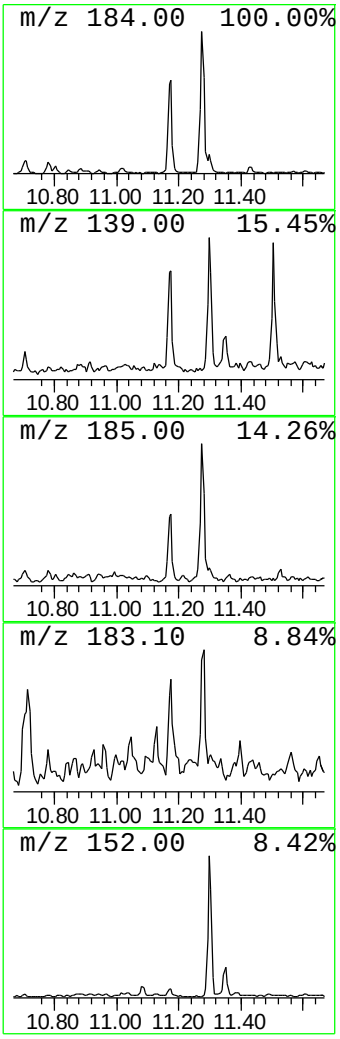
Peak Number 9 Dibenzothiophene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.17	5.45 ng	272203	Phenanthrene-d10	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	64
2	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	62
3	2,5-Cyclohexadiene-1,4-dione, 2,...	184	C8H8O5	000085-23-4	59
4	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	58
5	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	52





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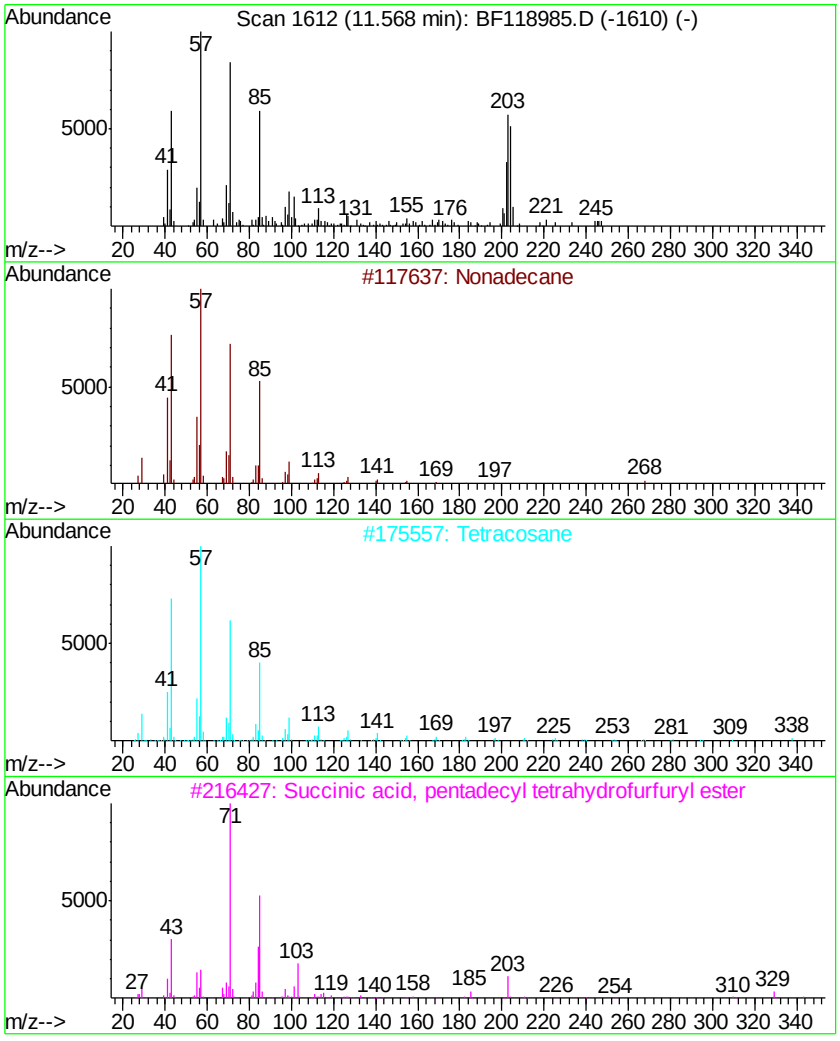
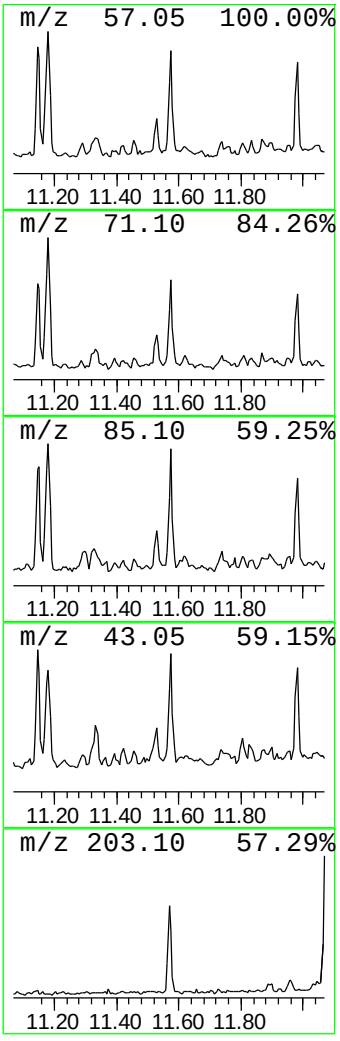
Peak Number 10 Tetracosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	2.33 ng	116280	Phenanthrene-d10	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	76
2	Tetracosane	338	C24H50	000646-31-1	53
3	Succinic acid, pentadecyl tetrah...	412	C24H44O5	1000329-87-1	52
4	Heneicosane	296	C21H44	000629-94-7	49
5	Heptadecane	240	C17H36	000629-78-7	49





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

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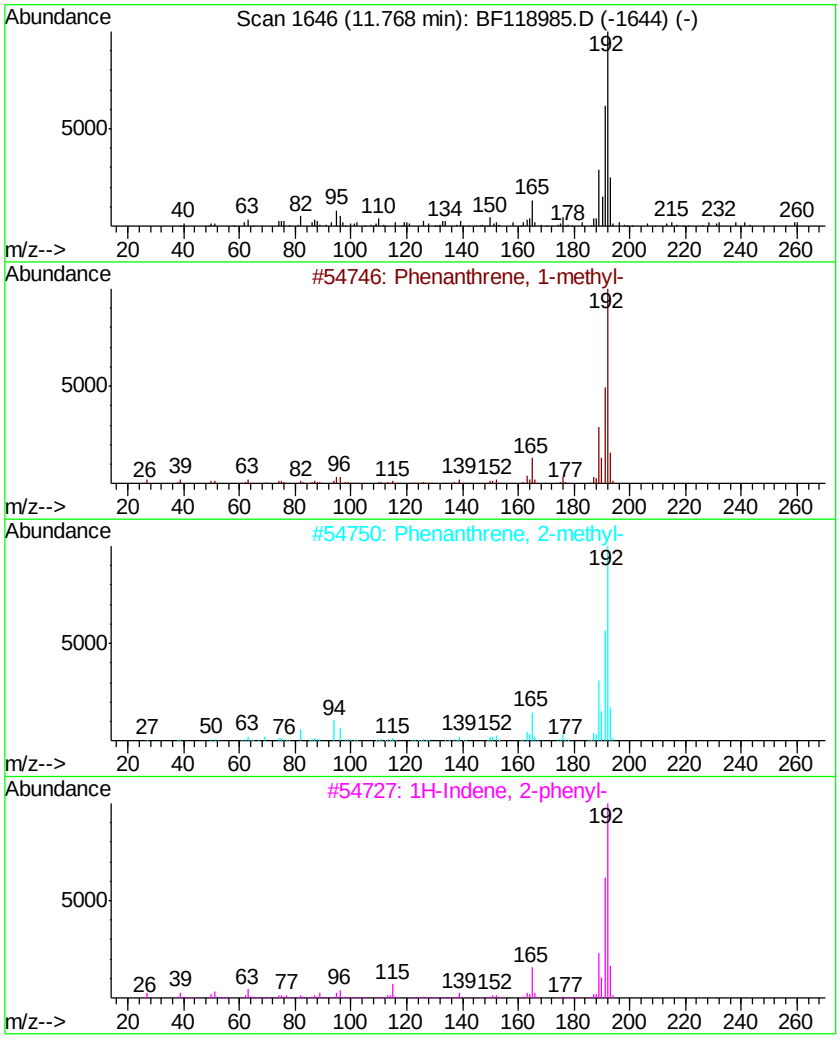
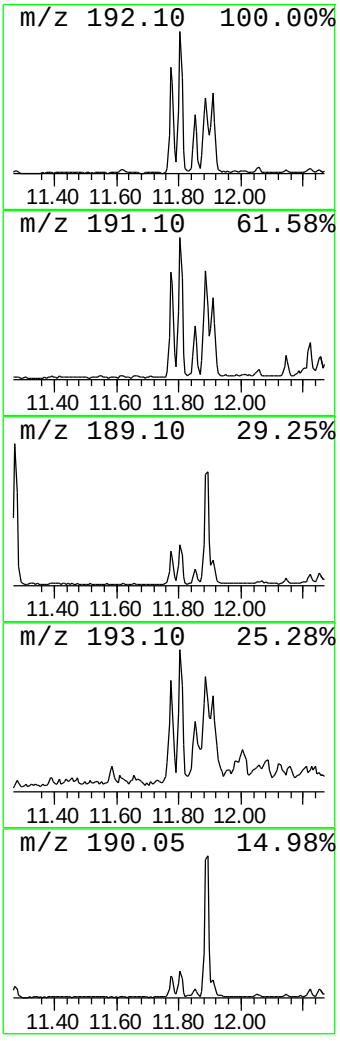
Peak Number 11 Phenanthrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	3.36 ng	167877	Phenanthrene-d10	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	91
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	90
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	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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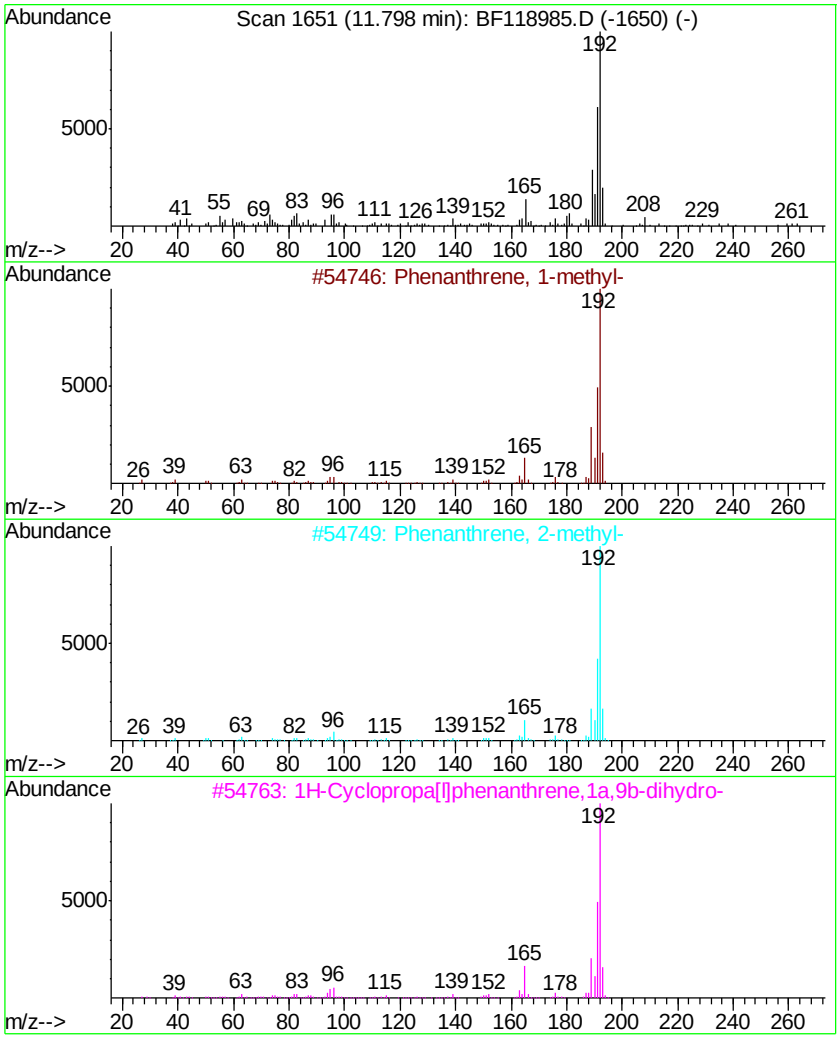
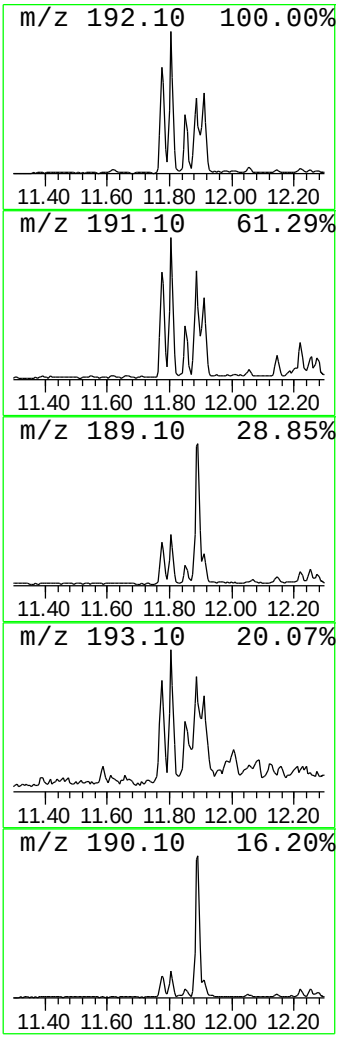
Peak Number 12 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	4.74 ng	236761	Phenanthrene-d10	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94





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

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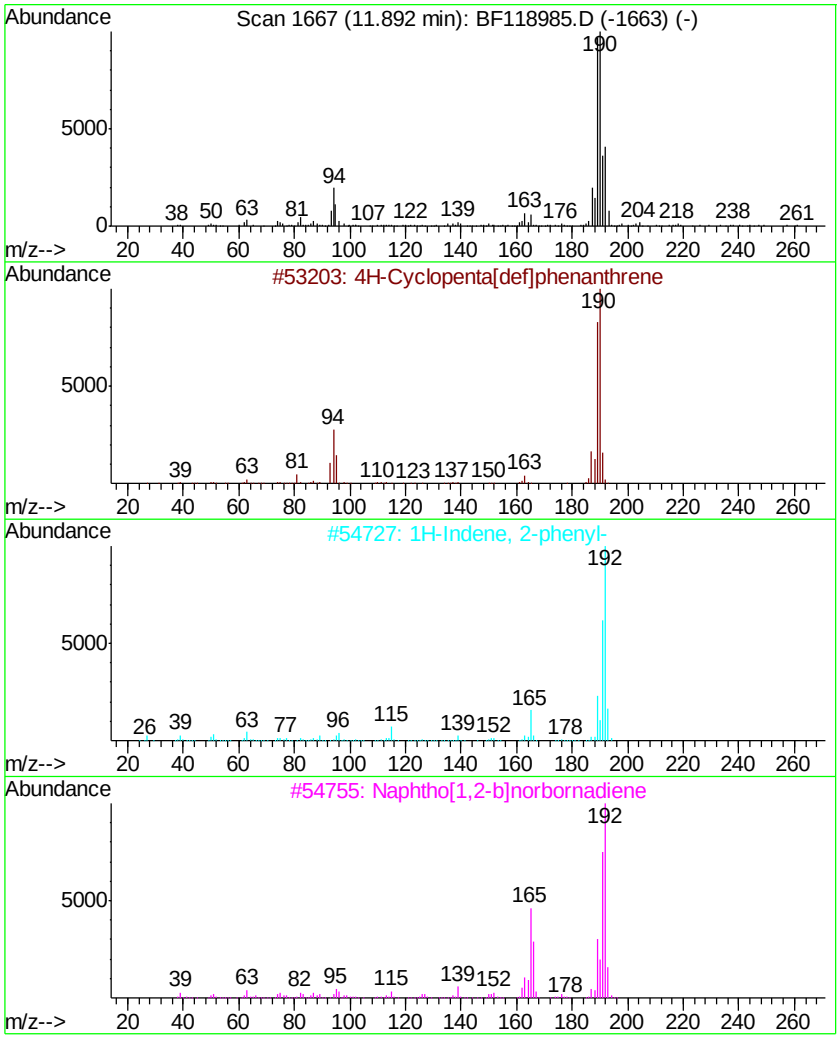
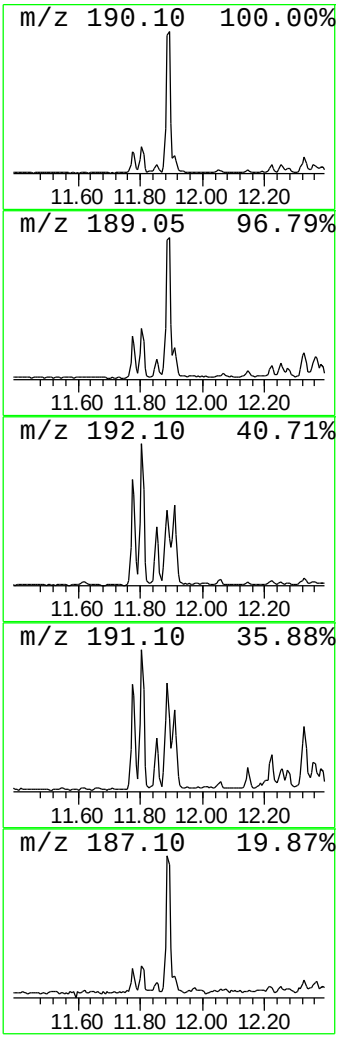
Peak Number 13 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	6.64 ng	331553	Phenanthrene-d10	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	38
3	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	38
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	35
5	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	30





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

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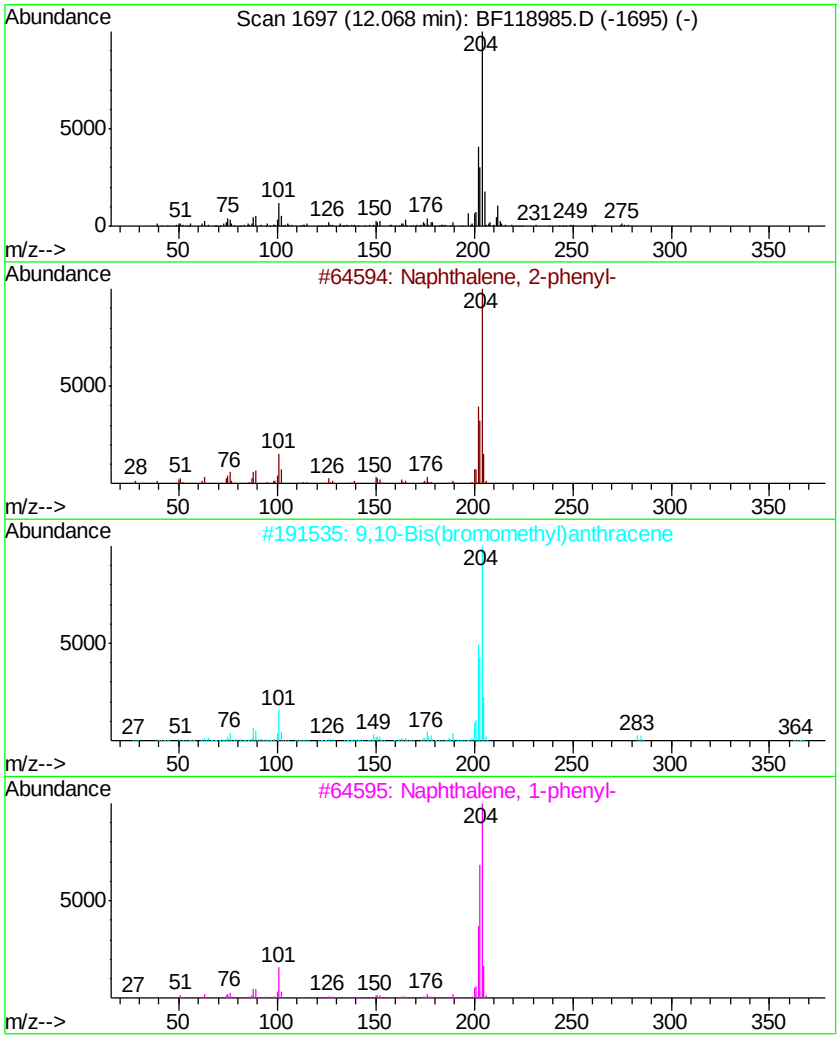
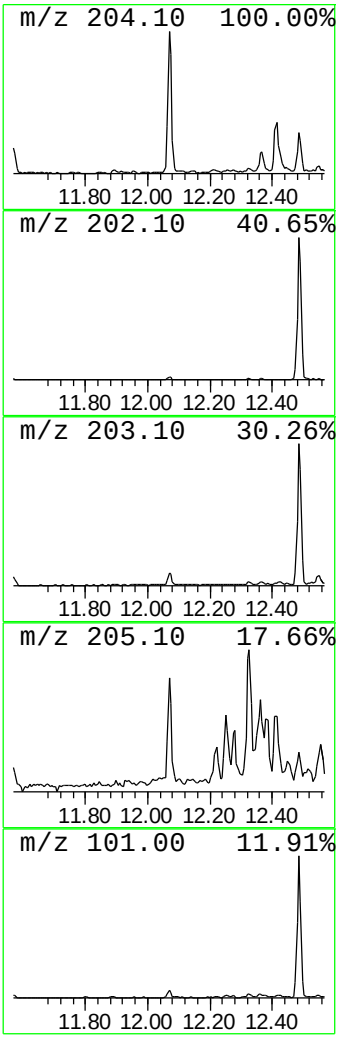
Peak Number 14 Naphthalene, 2-phenyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.07	2.63 ng	131168	Phenanthrene-d10	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83
2	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	83
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	70
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	64
5	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	49





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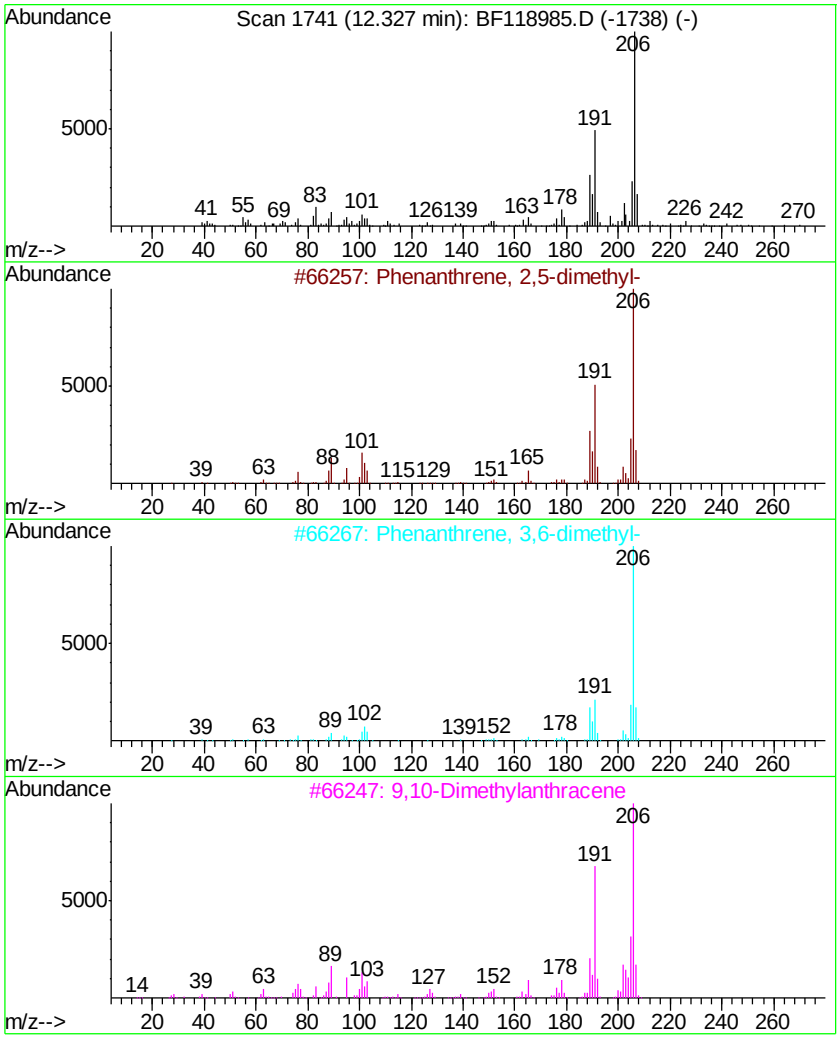
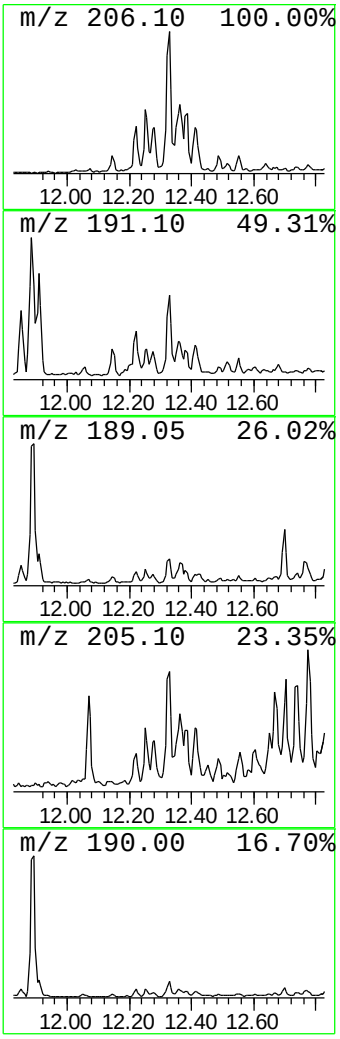
Peak Number 15 Phenanthrene, 2,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.33	3.10 ng	154718	Phenanthrene-d10	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87





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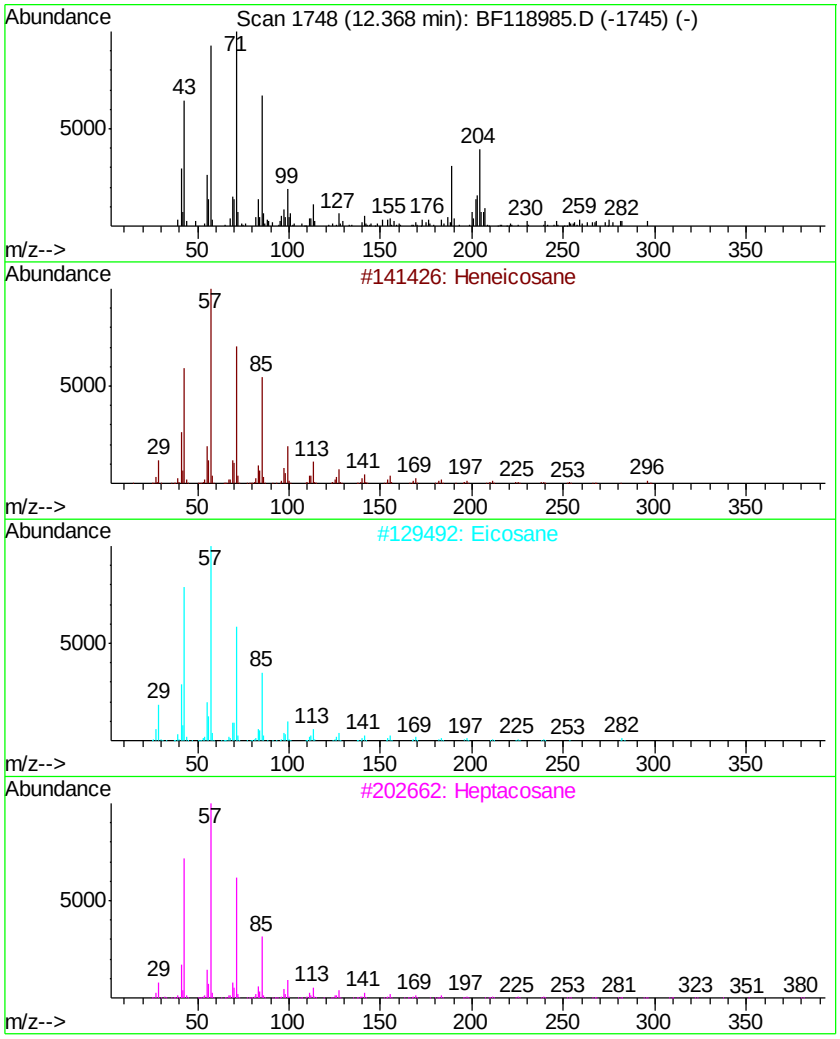
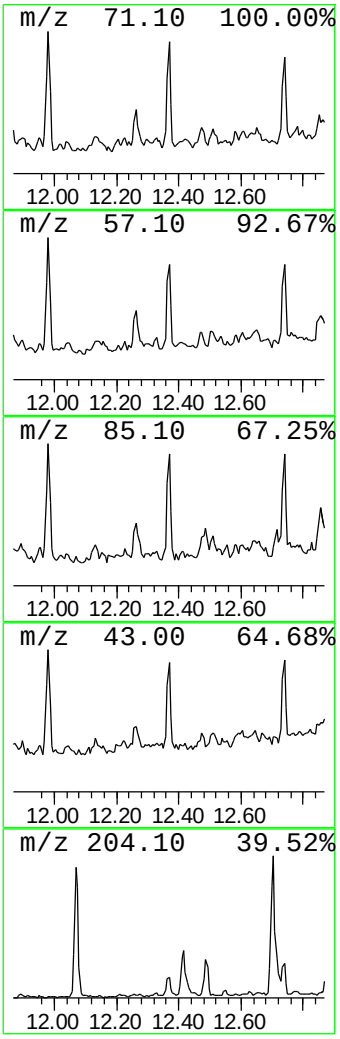
Peak Number 16 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	3.57 ng	178314	Phenanthrene-d10	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	94
2	Eicosane	282	C20H42	000112-95-8	78
3	Heptacosane	380	C27H56	000593-49-7	53
4	Nonadecane	268	C19H40	000629-92-5	51
5	5,5-Diethylheptadecane	296	C21H44	1000360-41-7	49





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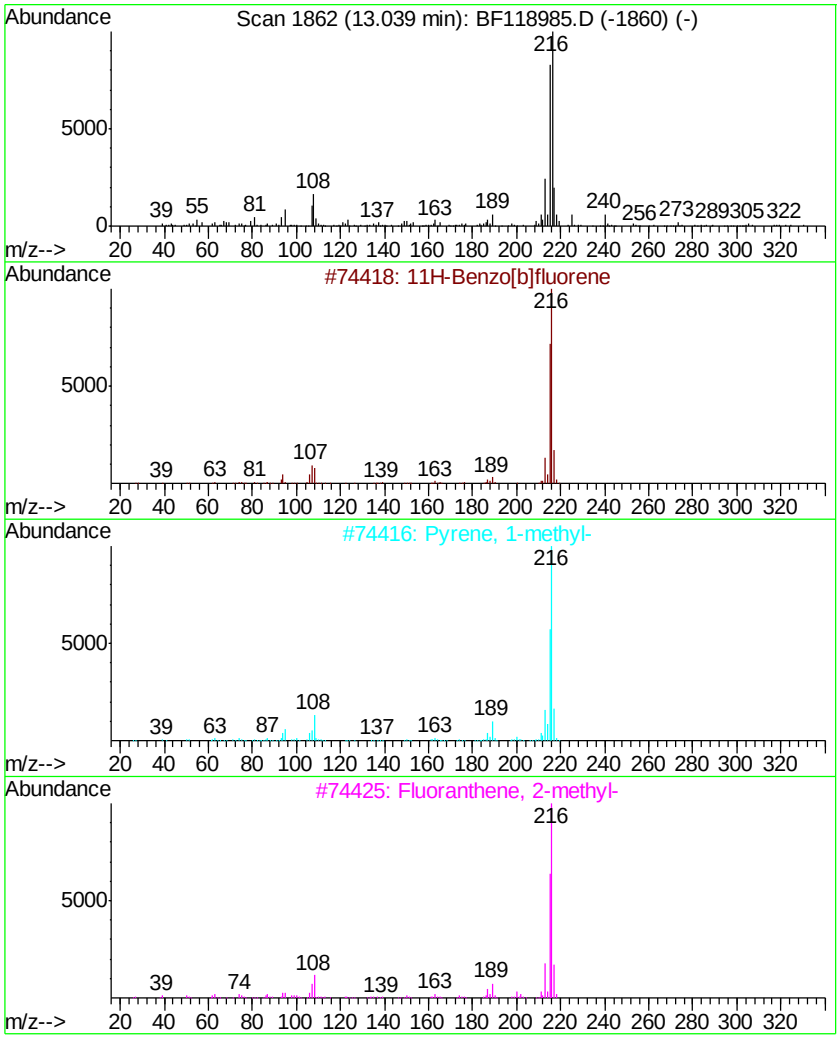
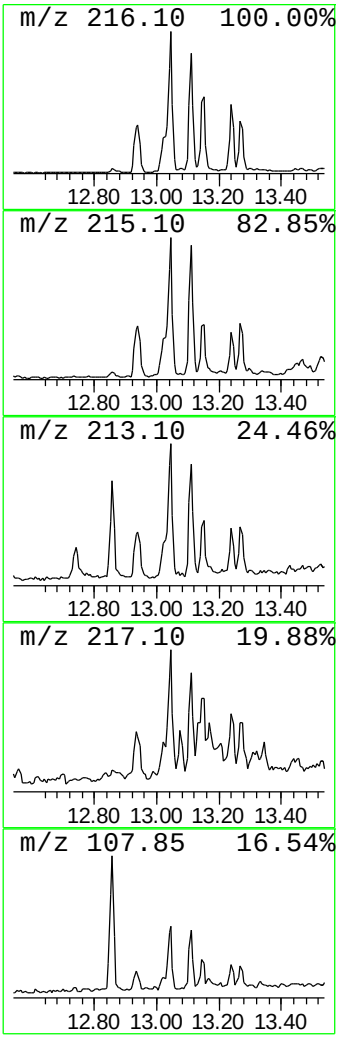
Peak Number 17 11H-Benzo[b]fluorene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.04	2.49 ng	236817	Chrysene-d12	13.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	53





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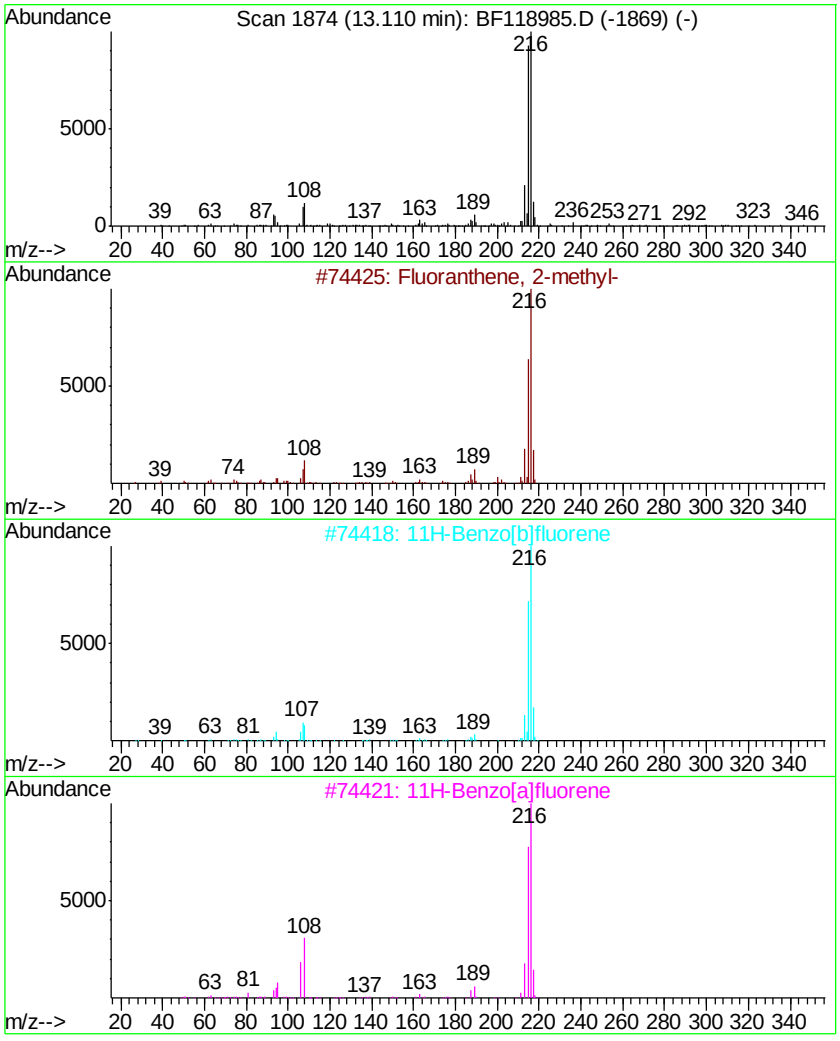
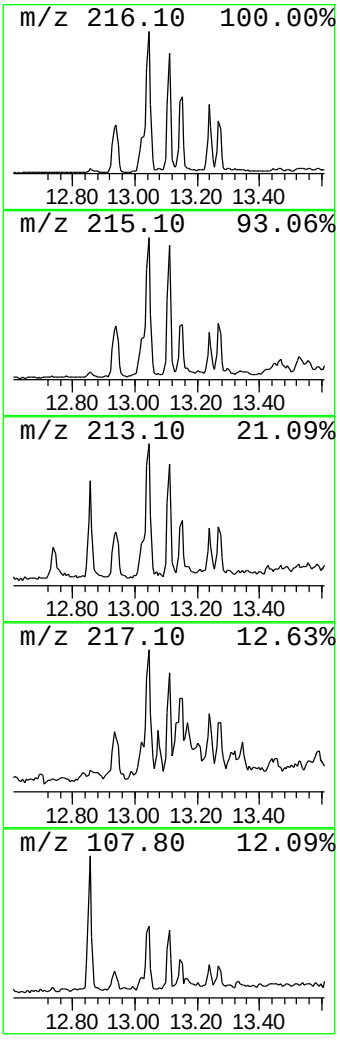
Peak Number 18 7H-Benzanthrene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.11	2.71 ng	257727	Chrysene-d12	13.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	76
5	7H-Benzanthrene	216	C17H12	000199-94-0	53





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
Data File : BF118985.D
Acq On : 21 Feb 2020 3:52
Operator : CG/JU
Sample : L1552-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-SF-01-008-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

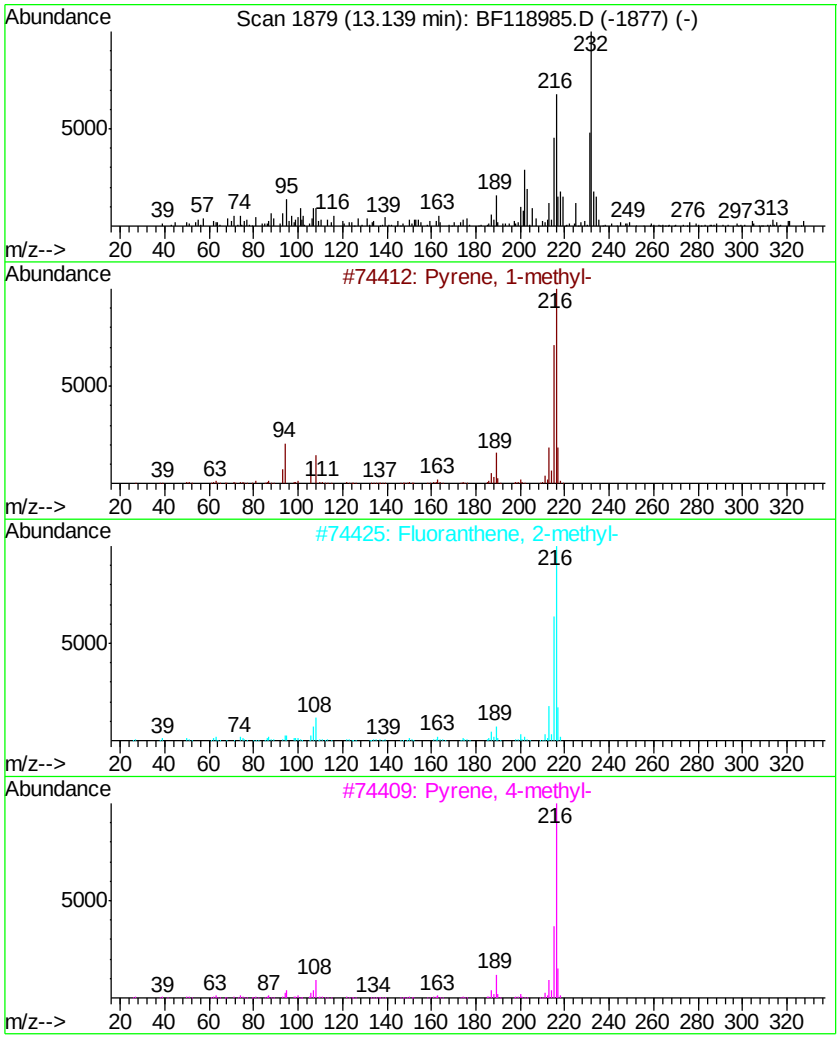
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

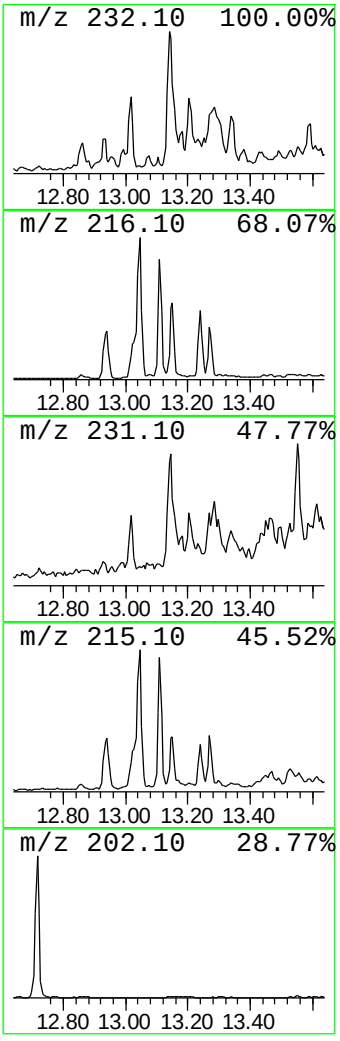
****

Peak Number 19 Pyrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.14	2.90 ng	276433	Chrysene-d12	13.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	86
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
Data File : BF118985.D
Acq On : 21 Feb 2020 3:52
Operator : CG/JU
Sample : L1552-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-SF-01-008-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

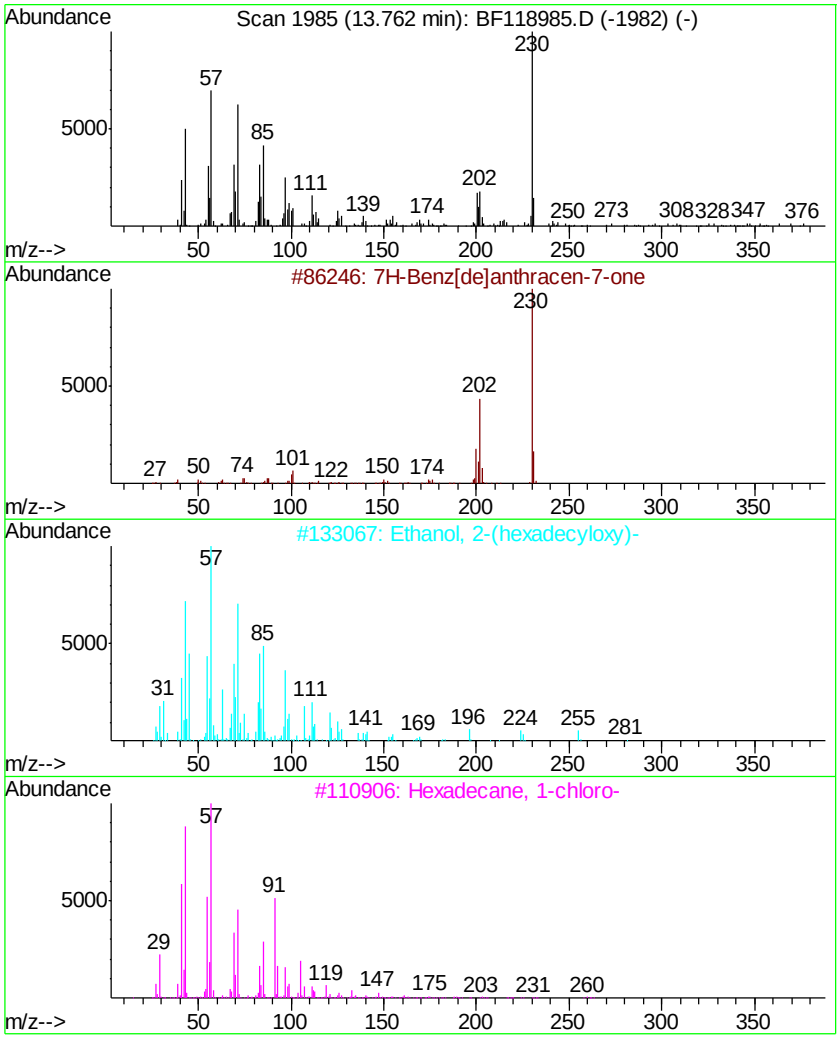
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

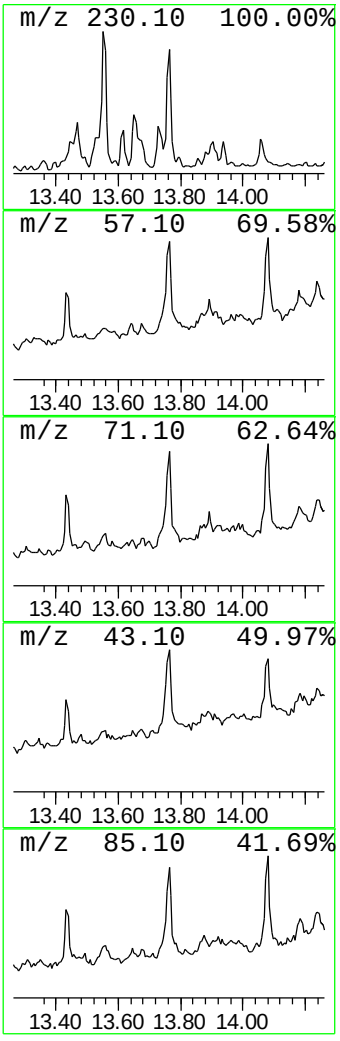
****

Peak Number 20 unknown13.76 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	3.55 ng	338021	Chrysene-d12	13.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Benz[delanthracen-7-one	230	C17H10O	000082-05-3	46
2	Ethanol, 2-(hexadecyloxy)-	286	C18H38O2	002136-71-2	41
3	Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	41
4	Heneicosane	296	C21H44	000629-94-7	38
5	Dodecane	170	C12H26	000112-40-3	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF022020\
Data File : BF118985.D
Acq On : 21 Feb 2020 3:52
Operator : CG/JU
Sample : L1552-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-SF-01-008-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.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
3-Hexen-2-one	4.32	10.2	ng	486429	1	6.76	953656	20.0
2-Pentanone, 4-hy...	4.97	33.6	ng	1603310	1	6.76	953656	20.0
Naphthalene, 2,6-...	9.45	2.4	ng	145099	3	9.79	1215580	20.0
Pentadecane, 2,6,...	10.45	2.3	ng	138678	3	9.79	1215580	20.0
2,4,6-Cycloheptat...	10.58	2.8	ng	138360	4	11.27	998513	20.0
Dodecane, 4,6-dim...	10.72	7.2	ng	358423	4	11.27	998513	20.0
Nonadecane	11.14	3.6	ng	181767	4	11.27	998513	20.0
Dibenzothiophene	11.17	5.5	ng	272203	4	11.27	998513	20.0
Tetracosane	11.57	2.3	ng	116280	4	11.27	998513	20.0
Phenanthrene, 1-m...	11.77	3.4	ng	167877	4	11.27	998513	20.0
Phenanthrene, 2-m...	11.80	4.7	ng	236761	4	11.27	998513	20.0
4H-Cyclopenta[def...	11.89	6.6	ng	331553	4	11.27	998513	20.0
Naphthalene, 2-ph...	12.07	2.6	ng	131168	4	11.27	998513	20.0
Phenanthrene, 2,5...	12.33	3.1	ng	154718	4	11.27	998513	20.0
Heneicosane	12.37	3.6	ng	178314	4	11.27	998513	20.0
11H-Benzo[b]fluorene	13.04	2.5	ng	236817	5	13.92	1904070	20.0
7H-Benzanthrene	13.11	2.7	ng	257727	5	13.92	1904070	20.0
Pyrene, 1-methyl-	13.14	2.9	ng	276433	5	13.92	1904070	20.0
unknown13.76	13.76	3.5	ng	338021	5	13.92	1904070	20.0