LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100220\
Data File : BF121807.D
Acq On : 2 Oct 2020 21:54
Operator : JU/CG
Sample : L4213-07 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-16(9-11)

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-BF091020.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	5.381	556	560	576	rVB	1213217	1176411	28.83%	3.895%
2	6.039	668	672	676	rBV	4142650	4080930	100.00%	13.512%
3	6.204	692	700	704	rBV	333097	339832	8.33%	1.125%
4	6.398	730	733	741	rBV	1275968	1196936	29.33%	3.963%
5	6.463	741	744	746	rVV	96416	80058	1.96%	0.265%
6	6.716	783	787	790	rVB	168913	142474	3.49%	0.472%
7	6.763	791	795	804	rBV	1060690	849816	20.82%	2.814%
8	6.839	804	808	812	rBV	2991159	2777121	68.05%	9.195%
9	6.881	812	815	818	rVV	967860	715830	17.54%	2.370%
10	7.304	884	887	888	rBV	292912	235295	5.77%	0.779%
11	7.328	888	891	894	rVV	807323	784929	19.23%	2.599%
12	7.357	894	896	901	rVB	116209	96569	2.37%	0.320%
13	7.575	929	933	938	rBV	114954	97321	2.38%	0.322%
14	7.792	967	970	975	rBV2	82473	79823	1.96%	0.264%
15	7.951	993	997	1001	rBV	58412	62280	1.53%	0.206%
16	8.045	1008	1013	1015	rBV	1149312	977489	23.95%	3.236%
17	8.069	1015	1017	1032	rVB	295041	283385	6.94%	0.938%
18	8.757	1131	1134	1139	rVB2	63089	55021	1.35%	0.182%
19	8.857	1148	1151	1157	rVB	60813	50311	1.23%	0.167%
20	9.122	1191	1196	1199	rBV	1524887	1284412	31.47%	4.253%
21	9.204	1206	1210	1212	rBV	47994	45047	1.10%	0.149%
22	9.386	1236	1241	1244	rBV2	27237	41240	1.01%	0.137%
23	9.433	1245	1249	1251	rBV	58353	52112	1.28%	0.173%
24	9.516	1260	1263	1267	rVB	159085	147237	3.61%	0.488%
25	9.657	1285	1287	1290	rVB	67938	57619	1.41%	0.191%
26	9.733	1297	1300	1304	rVB	62489	53870	1.32%	0.178%
27	9.798	1304	1311	1314	rBV	1104527	967502	23.71%	3.203%
28	9.833	1314	1317	1320	rVB	101793	98301	2.41%	0.325%
29	10.004	1342	1346	1350	rBV2	57915	64769	1.59%	0.214%
30	10.227	1382	1384	1387	rVB	60917	52096	1.28%	0.172%
31	10.345	1400	1404	1410	rBV	97186	91900	2.25%	0.304%
32	10.586	1439	1445	1449	rBV	664013	582001	14.26%	1.927%
33	10.704	1462	1465	1470	rBV	97931	132163	3.24%	0.438%
34	11.151	1535	1541	1543	rBV3	51779	61845	1.52%	0.205%

LSC Area Percent Report

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Sample : L4213-07 2X
Misc :
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Instrument : BNA_F
ClientSampleId : B-16(9-11)

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-BF091020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.180	1543	1546	1552	rVB	71469	68588	1.68%	0.227%
36	11.280	1560	1563	1565	rBV	868550	806046	19.75%	2.669%
37	11.304	1565	1567	1571	rVV	741390	663064	16.25%	2.195%
38	11.357	1573	1576	1579	rVB	228804	183581	4.50%	0.608%
39	11.516	1597	1603	1610	rBV2	78858	121318	2.97%	0.402%
40	11.574	1610	1613	1616	rVB	79664	65568	1.61%	0.217%
41	11.780	1645	1648	1651	rBV	73399	69990	1.72%	0.232%
42	11.810	1651	1653	1655	rVV	125968	125753	3.08%	0.416%
43	11.833	1655	1657	1660	rVV	420107	337809	8.28%	1.118%
44	11.892	1664	1667	1670	rVV	168591	205194	5.03%	0.679%
45	11.916	1670	1671	1676	rVB	69317	53962	1.32%	0.179%
46	12.080	1696	1699	1701	rVB	63056	48846	1.20%	0.162%
47	12.110	1701	1704	1709	rBV3	50757	56986	1.40%	0.189%
48	12.321	1736	1740	1744	rBV2	164962	246568	6.04%	0.816%
49	12.368	1746	1748	1754	rVB4	64482	81357	1.99%	0.269%
50	12.421	1754	1757	1760	rBV	56272	61131	1.50%	0.202%
51	12.498	1766	1770	1773	rBV	1110810	985783	24.16%	3.264%
52	12.721	1802	1808	1814	rVV	958088	1067131	26.15%	3.533%
53	12.774	1814	1817	1821	rVB2	43412	45894	1.12%	0.152%
54	12.863	1829	1832	1837	rVB	1094015	985396	24.15%	3.263%
55	12.904	1837	1839	1841	rVB	81629	60092	1.47%	0.199%
56	12.945	1841	1846	1849	rBV2	58809	91560	2.24%	0.303%
57	13.027	1857	1860	1861	rBV3	52438	49440	1.21%	0.164%
58	13.051	1861	1864	1865	rBV	103609	86514	2.12%	0.286%
59	13.115	1873	1875	1878	rVB	80872	69833	1.71%	0.231%
60	13.157	1878	1882	1883	rBV2	88575	114559	2.81%	0.379%
61	13.221	1890	1893	1895	rBV2	146168	123789	3.03%	0.410%
62	13.274	1900	1902	1906	rVV2	47956	48998	1.20%	0.162%
63	13.357	1913	1916	1921	rVB3	140505	176106	4.32%	0.583%
64	13.562	1948	1951	1955	rVB2	109769	120004	2.94%	0.397%
65	13.668	1966	1969	1971	rBV2	95856	92977	2.28%	0.308%
66	13.698	1971	1974	1976	rVV	117766	120593	2.96%	0.399%
67	13.721	1976	1978	1983	rVV2	87658	129486	3.17%	0.429%
68	13.768	1983	1986	1993	rVB2	138928	262977	6.44%	0.871%
69	13.921	2007	2012	2015	rBV2	1111222	1418680	34.76%	4.697%
70	13.945	2015	2016	2024	rVB	498246	407172	9.98%	1.348%
71	14.027	2028	2030	2032	rVB	88809	66814	1.64%	0.221%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100220\
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Acq On : 2 Oct 2020 21:54
Operator : JU/CG
Sample : L4213-07 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-16(9-11)

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-BF091020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.310	2076	2078	2081	rVB	96206	74672	1.83%	0.247%
73	14.945	2182	2186	2190	rBV	446212	714127	17.50%	2.364%
74	15.239	2233	2236	2242	rVB	244619	292817	7.18%	0.970%
75	15.298	2243	2246	2252	rVB	361129	442963	10.85%	1.467%
76	15.362	2253	2257	2260	rBV	599143	712271	17.45%	2.358%
77	16.768	2492	2496	2505	rVB2	130554	238762	5.85%	0.791%
78	17.198	2565	2569	2576	rVB	107104	193306	4.74%	0.640%

Sum of corrected areas: 30202422

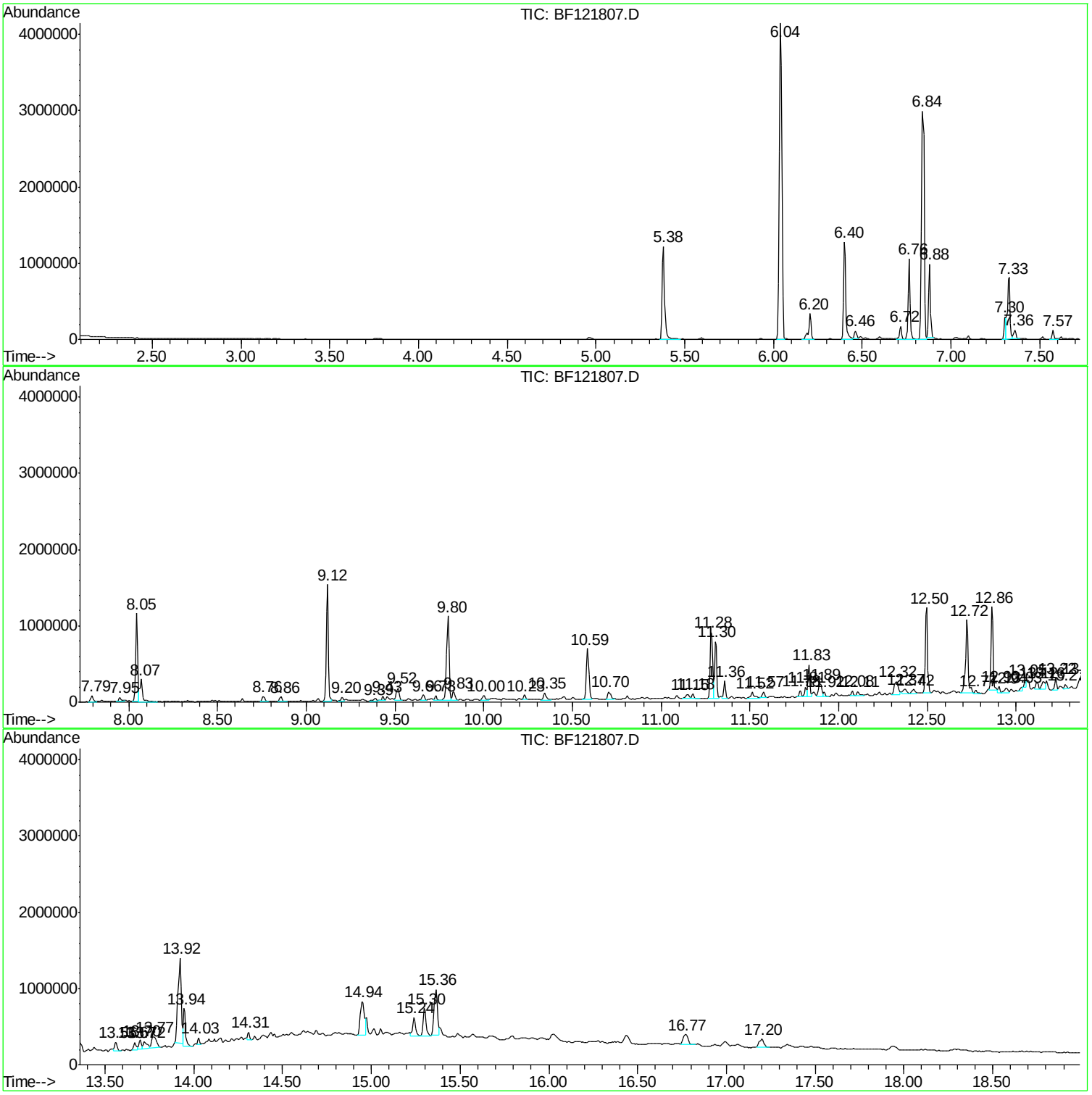
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100220\
Data File : BF121807.D
Acq On : 2 Oct 2020 21:54
Operator : JU/CG
Sample : L4213-07 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-16(9-11)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.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\BF100220\
Data File : BF121807.D
Acq On : 2 Oct 2020 21:54
Operator : JU/CG
Sample : L4213-07 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-16(9-11)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

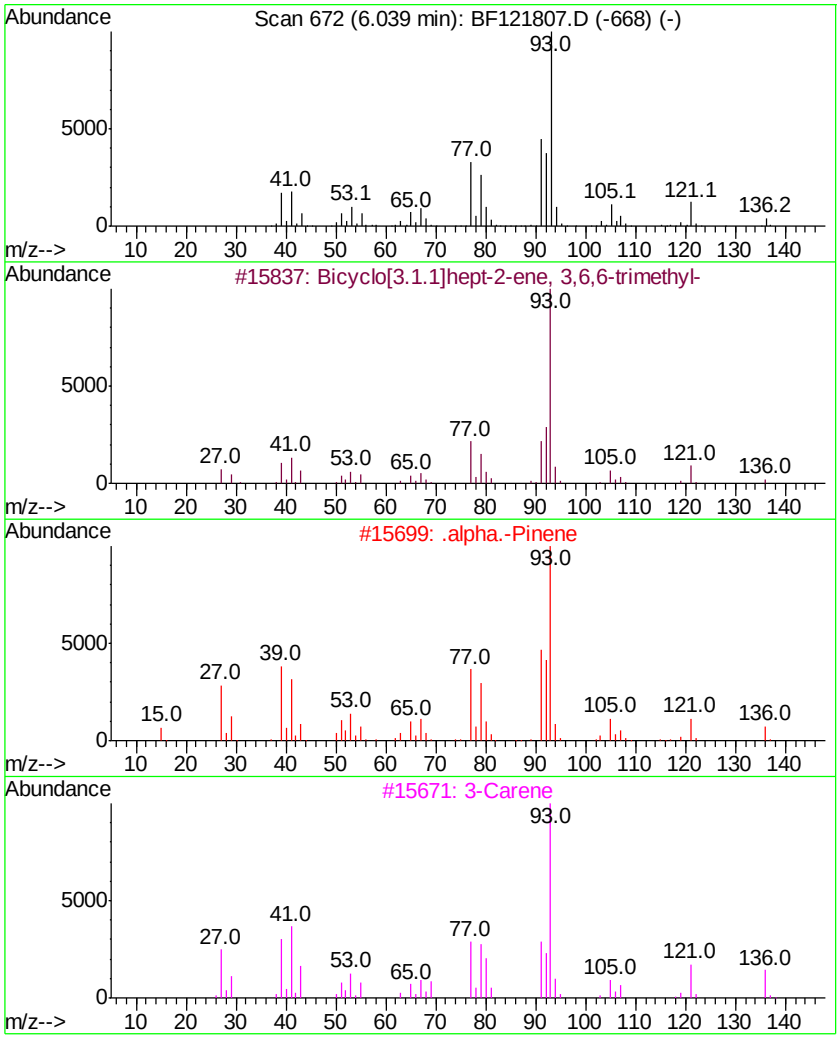
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

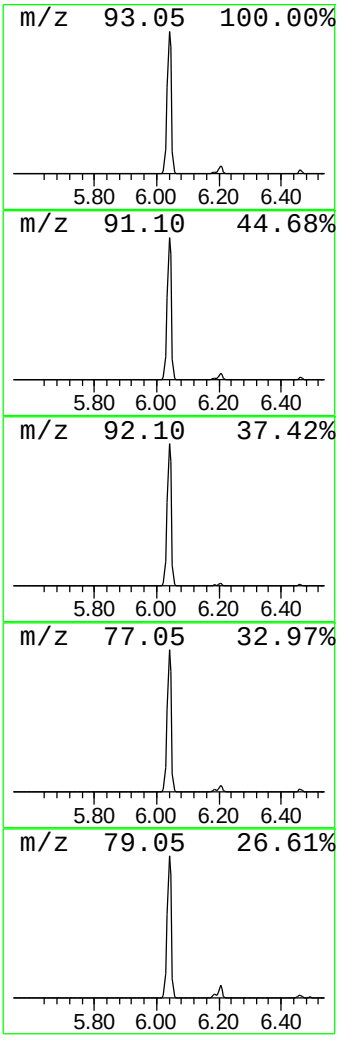
****

Peak Number 1 Bicyclo[3.1.1]hept-2-ene, 3... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.04	96.04 ng	4080930	1,4-Dichlorobenzene-d4	6.76

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





Library Search Compound Report

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Data File : BF121807.D
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Operator : JU/CG
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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-16(9-11)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

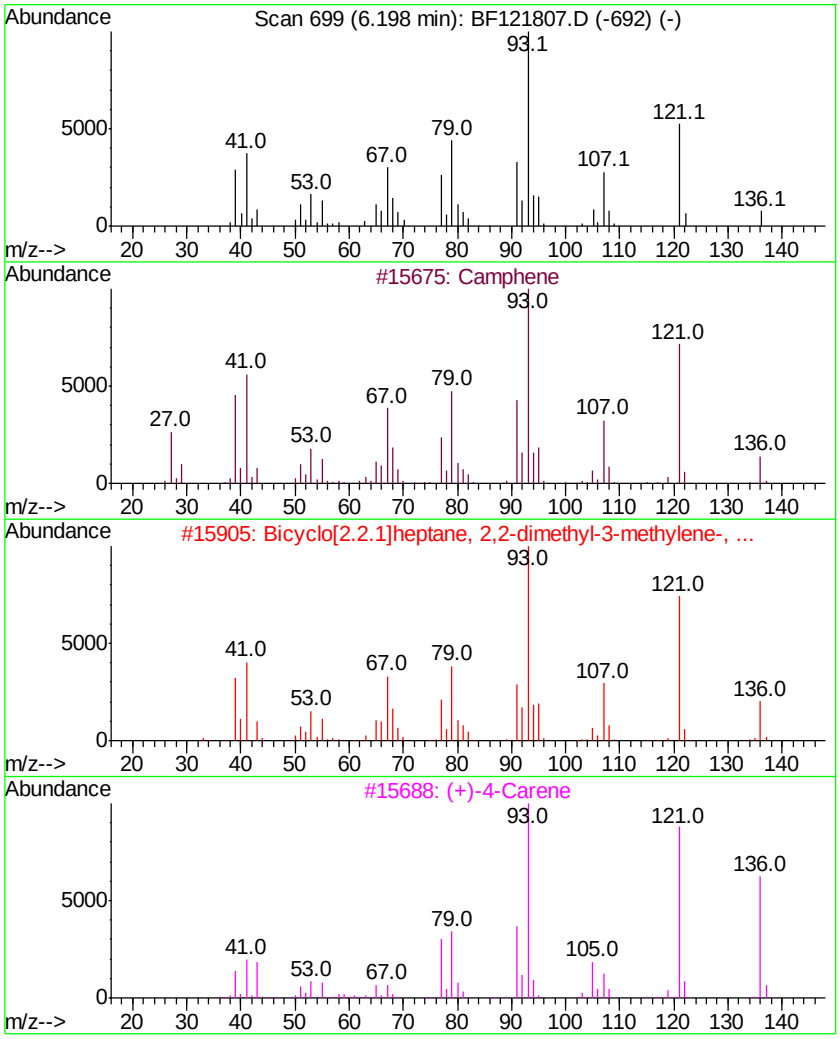
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

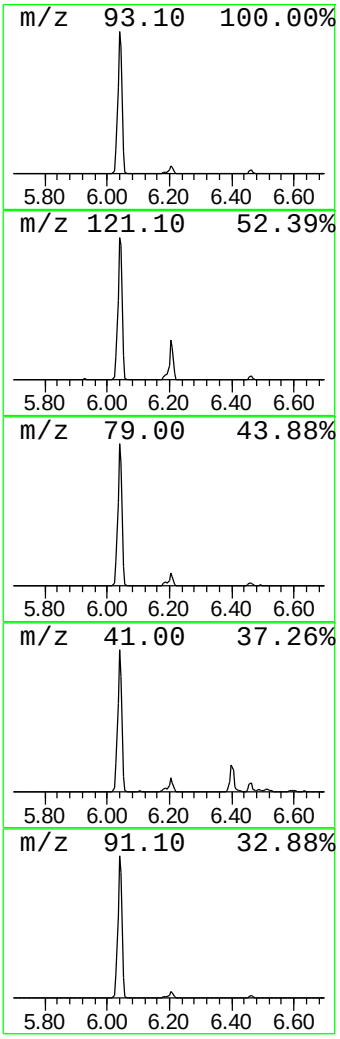
****

Peak Number 2 Camphene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.20	8.00 ng	339832	1,4-Dichlorobenzene-d4	6.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Camphene	136	C10H16	000079-92-5	95
2	Bicyclo[2.2.1]heptane, 2,2-dimet...	136	C10H16	005794-04-7	87
3	(+)-4-Carene	136	C10H16	029050-33-7	74
4	2-Carene	136	C10H16	000554-61-0	74
5	Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	000586-62-9	68





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100220\
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Misc :
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Instrument : BNA_F
ClientSampleId : B-16(9-11)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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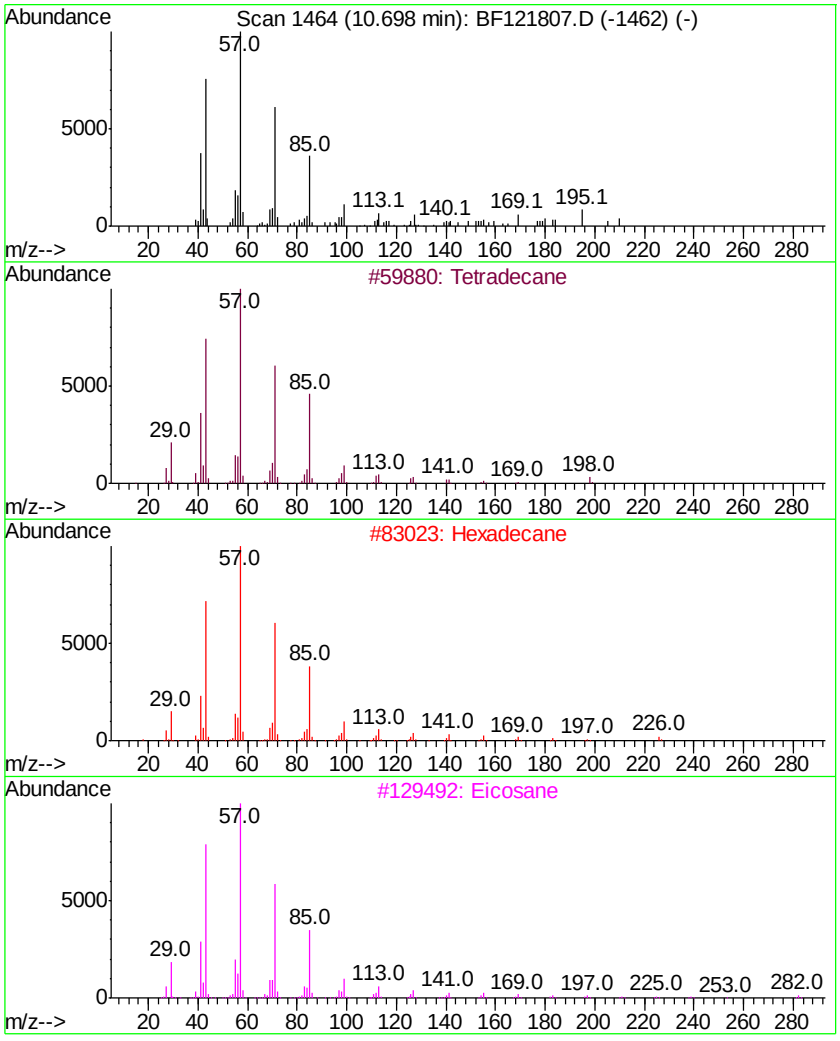
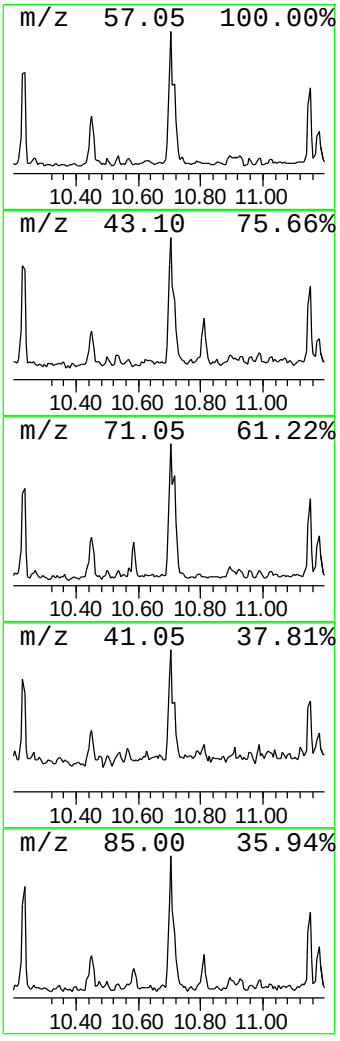
****

Peak Number 3 Tetradecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.70	3.28 ng	132163	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	93
2	Hexadecane	226	C16H34	000544-76-3	86
3	Eicosane	282	C20H42	000112-95-8	86
4	Heptadecane	240	C17H36	000629-78-7	83
5	Tridecane	184	C13H28	000629-50-5	81





Library Search Compound Report

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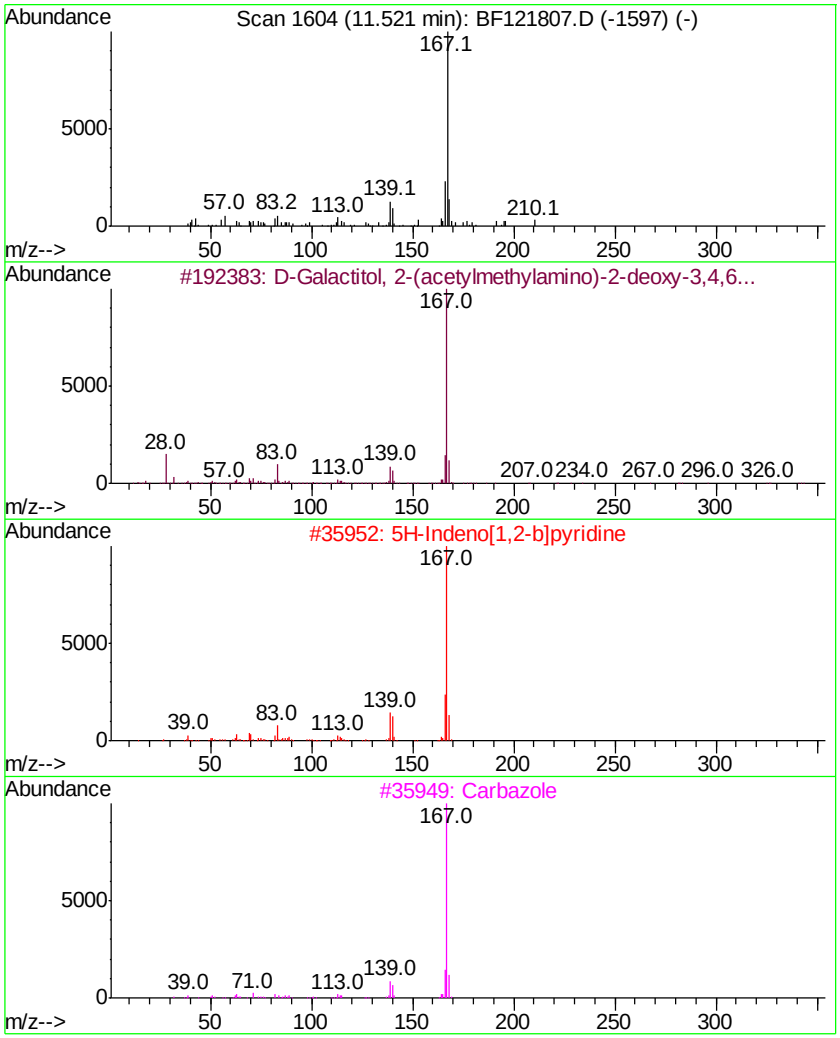
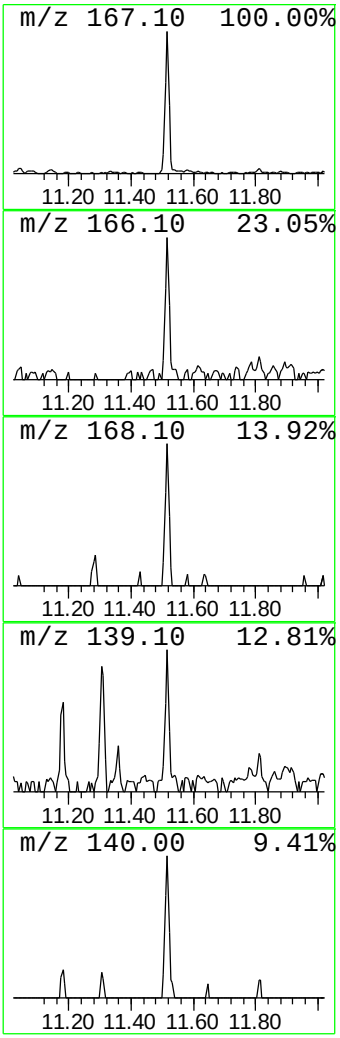
****

Peak Number 4 D-Galactitol, 2-(acetylmeth... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.52	3.01 ng	121318	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	D-Galactitol, 2-(acetylmethylami...	363	C16H29NO8	074410-42-7	90
2	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	87
3	Carbazole	167	C12H9N	000086-74-8	87
4	9H-Carbazole-9-methanol	197	C13H11NO	002409-36-1	80
5	9H-Carbazole, 9-nitroso-	196	C12H8N2O	002788-23-0	80





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Misc :
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Instrument : BNA_F
ClientSampleId : B-16(9-11)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

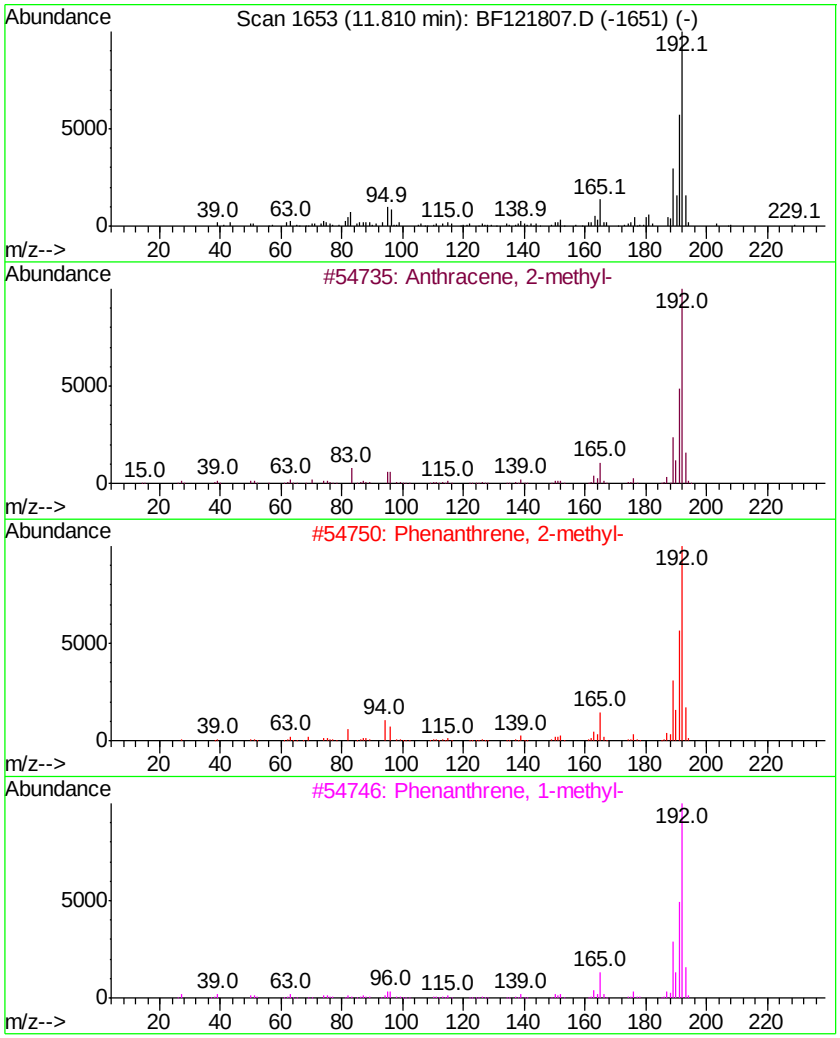
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

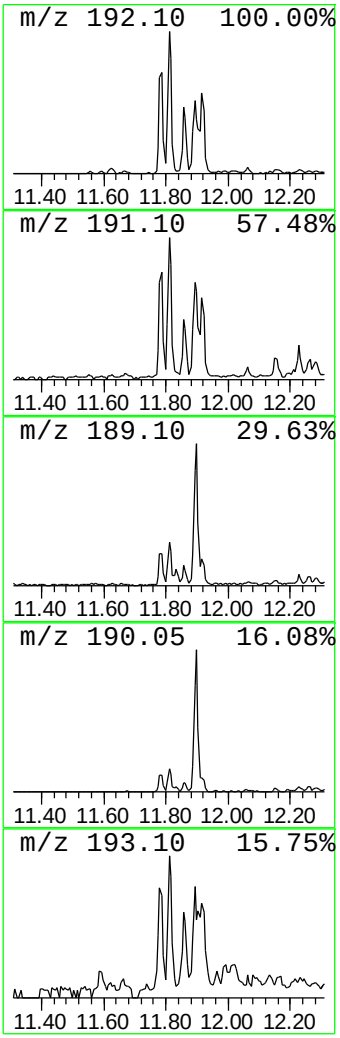
****

Peak Number 5 Anthracene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.81	3.12 ng	125753	Phenanthrene-d10	11.29

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





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Data File : BF121807.D
Acq On : 2 Oct 2020 21:54
Operator : JU/CG
Sample : L4213-07 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-16(9-11)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

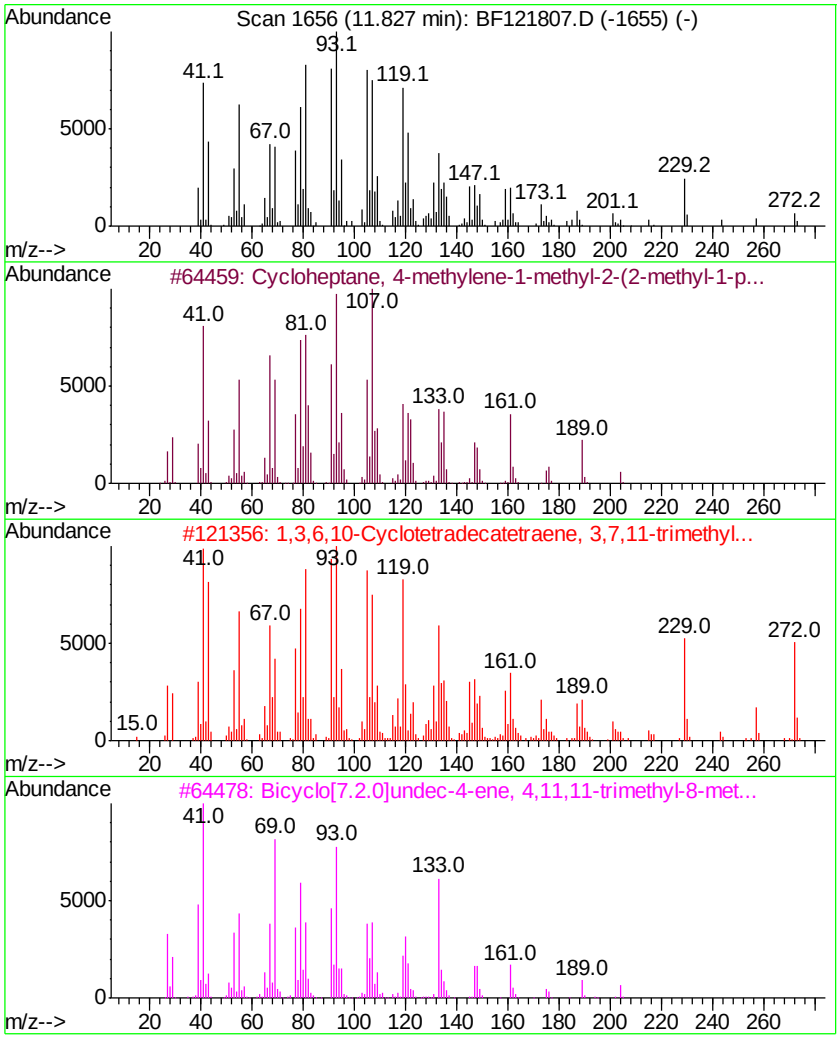
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

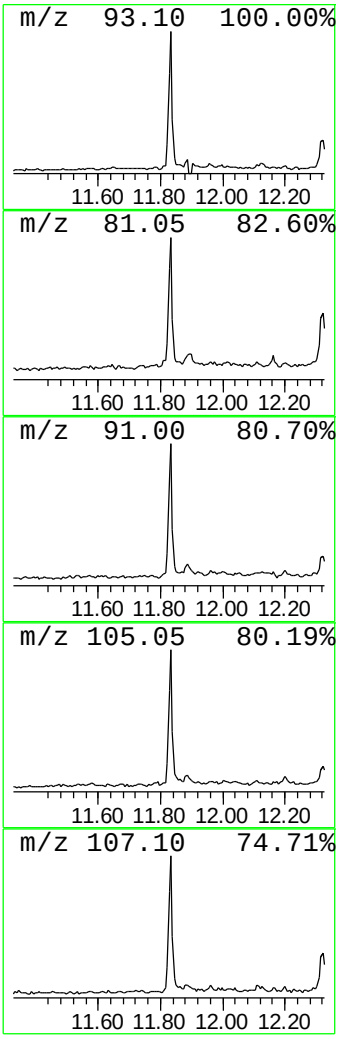
****

Peak Number 6 Cycloheptane, 4-methylene-1... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	8.38 ng	337809	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloheptane, 4-methylene-1-meth...	204	C15H24	1000159-38-5	64
2	1,3,6,10-Cyclotetradecatetraene,...	272	C20H32	001898-13-1	64
3	Bicyclo[7.2.0]undec-4-ene, 4,11,...	204	C15H24	000118-65-0	46
4	1,3,6,10-Dodecatetraene, 3,7,11-...	204	C15H24	026560-14-5	45
5	(Z,Z)-.alpha.-Farnesene	204	C15H24	1000293-03-1	43





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Data File : BF121807.D
Acq On : 2 Oct 2020 21:54
Operator : JU/CG
Sample : L4213-07 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-16(9-11)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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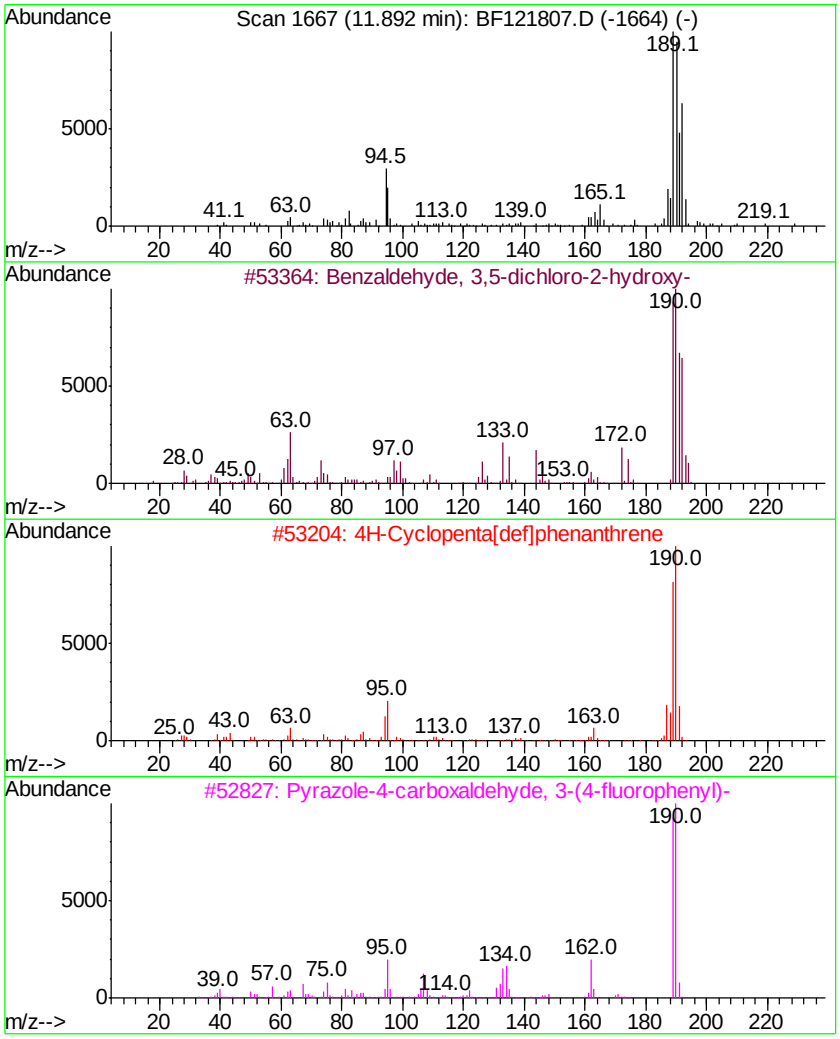
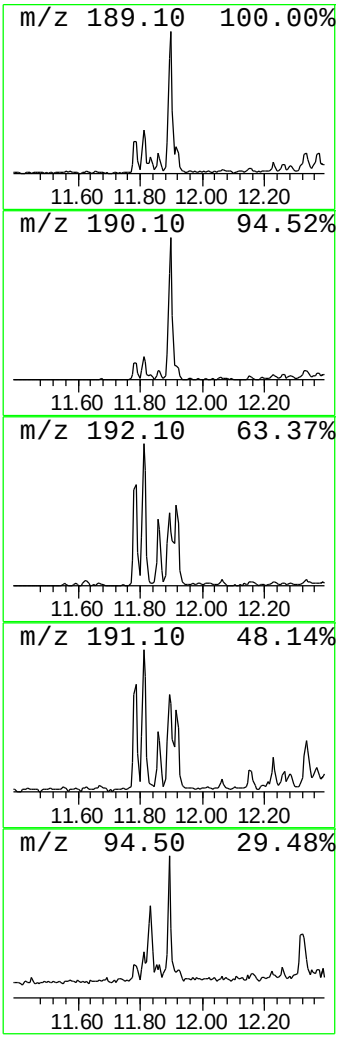
Peak Number 7 Benzaldehyde, 3,5-dichloro-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	5.09 ng	205194	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	64
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
3	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	43
4	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	25
5	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	20





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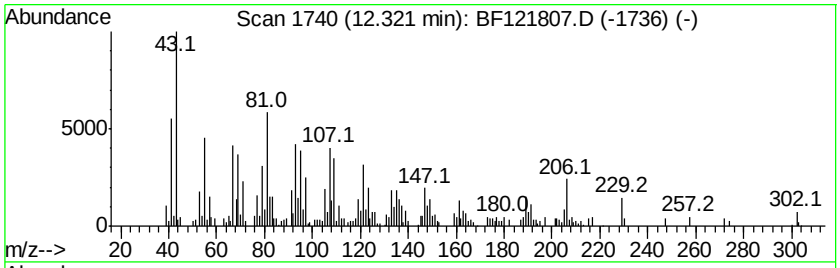
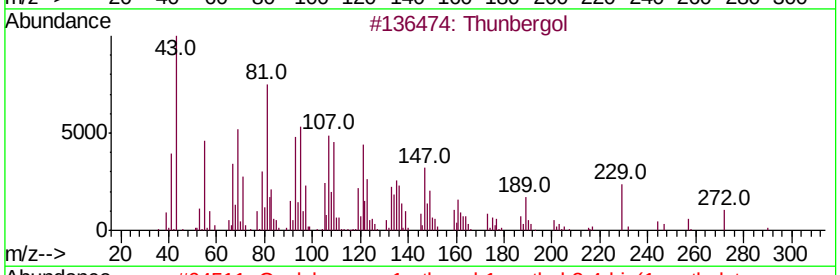
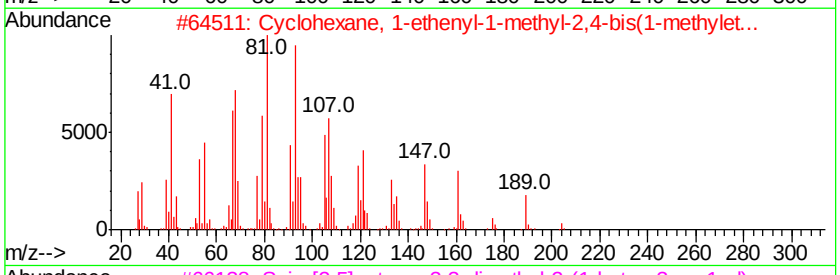
Peak Number 8 Thunbergol Concentration Rank 5

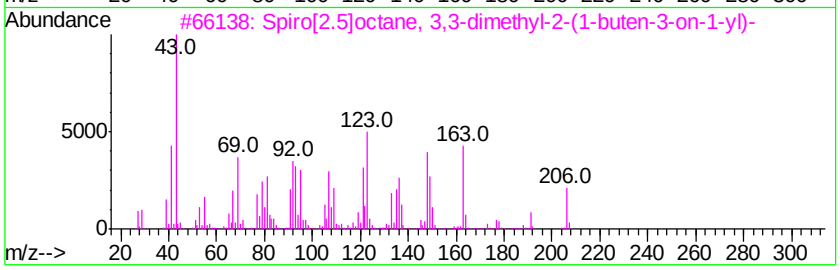
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.32	6.12 ng	246568	Phenanthrene-d10	11.29

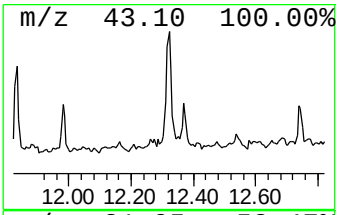
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thunbergol	290	C20H34O	025269-17-4	62
2	Cyclohexane, 1-ethenyl-1-methyl-...	204	C15H24	000515-13-9	56
3	Spiro[2.5]octane, 3,3-dimethyl-2...	206	C14H22O	1000197-07-6	30
4	2,6-Octadienal, 3,7-dimethyl-, (Z)-	152	C10H16O	000106-26-3	27
5	3-Tetradecyn-1-ol	210	C14H26O	055182-74-6	22

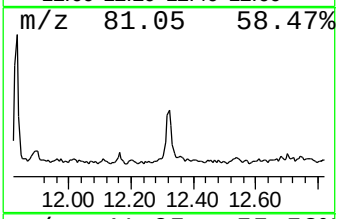


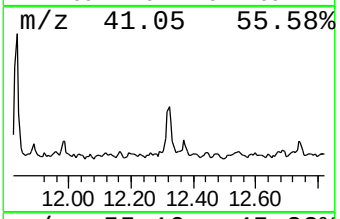


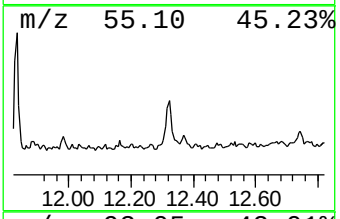


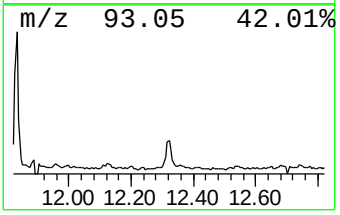












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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-16(9-11)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.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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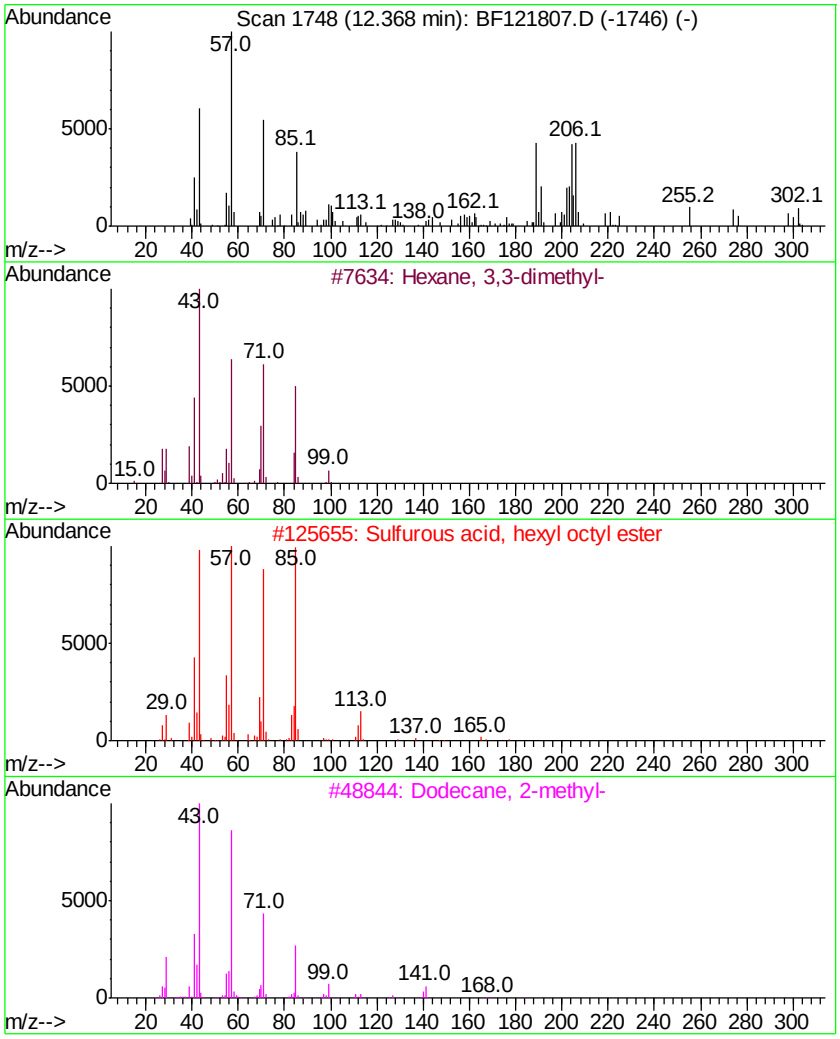
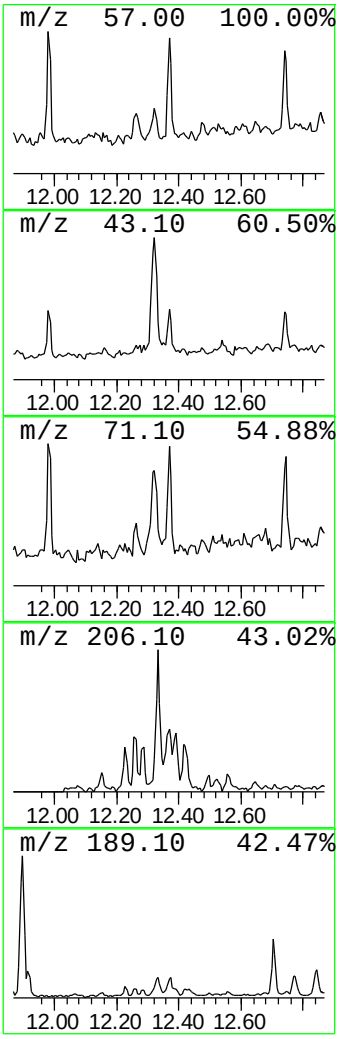
Peak Number 9 unknown12.37 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	2.02 ng	81357	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	14
2	Sulfurous acid, hexyl octyl ester	278	C14H30O3S	1000309-13-0	14
3	Dodecane, 2-methyl-	184	C13H28	001560-97-0	14
4	Octadecane	254	C18H38	000593-45-3	14
5	Hexadecane	226	C16H34	000544-76-3	14





Library Search Compound Report

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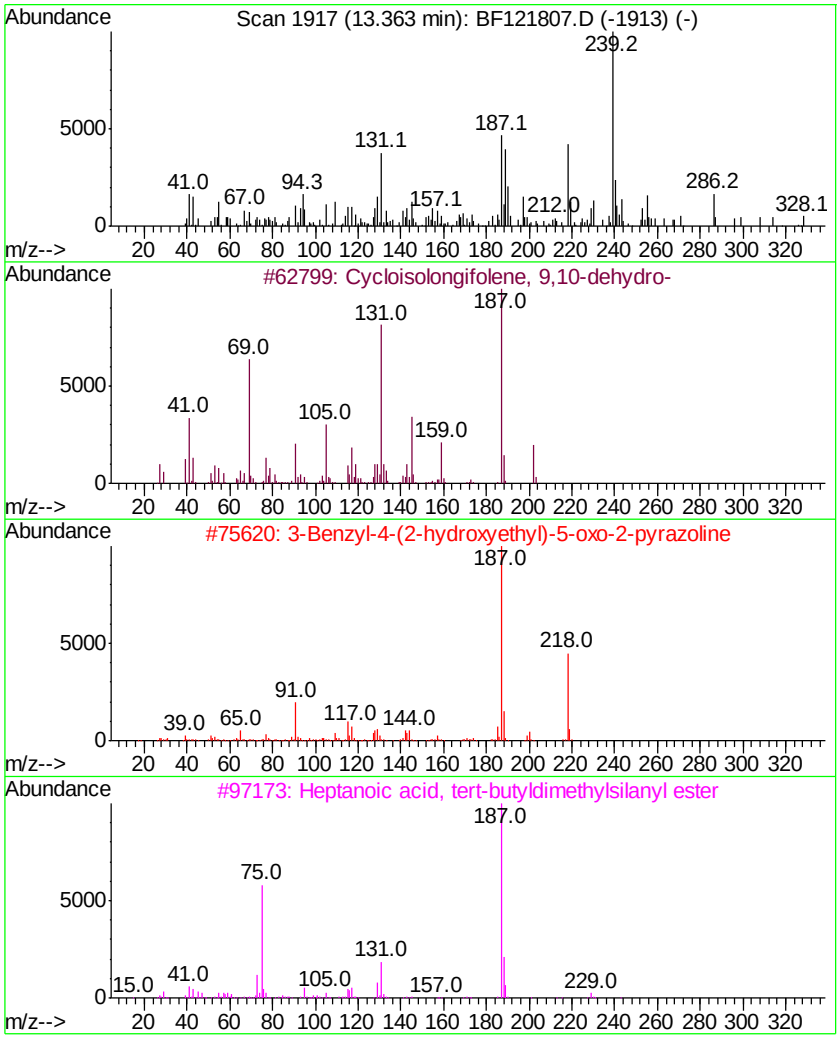
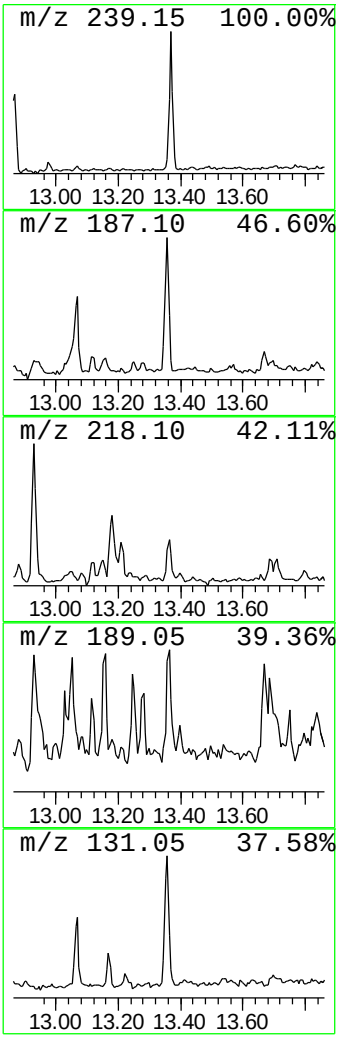
Peak Number 10 unknown13.36 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.36	2.48 ng	176106	Chrysene-d12	13.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloisolongifolene, 9,10-dehydro-	202	C15H22	1000156-81-6	47
2	3-Benzyl-4-(2-hydroxyethyl)-5-ox...	218	C12H14N2O2	095750-71-3	27
3	Heptanoic acid, tert-butyldimeth...	244	C13H28O2Si	054251-63-7	27
4	Phenol, 4-chloro-5-methyl-2-nitro-	187	C7H6ClNO3	007147-89-9	22
5	Dimethylmalonic acid, di(2-chlor...	388	C17H12Cl2F2O4	1000361-96-9	22





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ClientSampleId : B-16(9-11)

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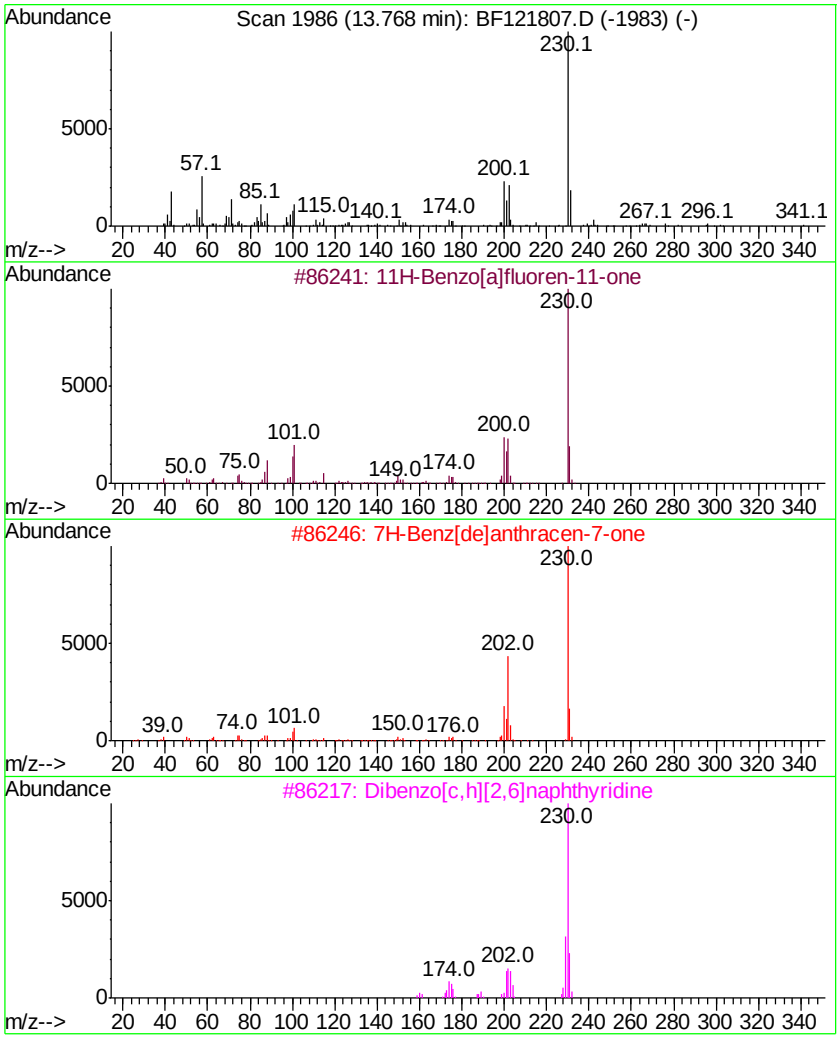
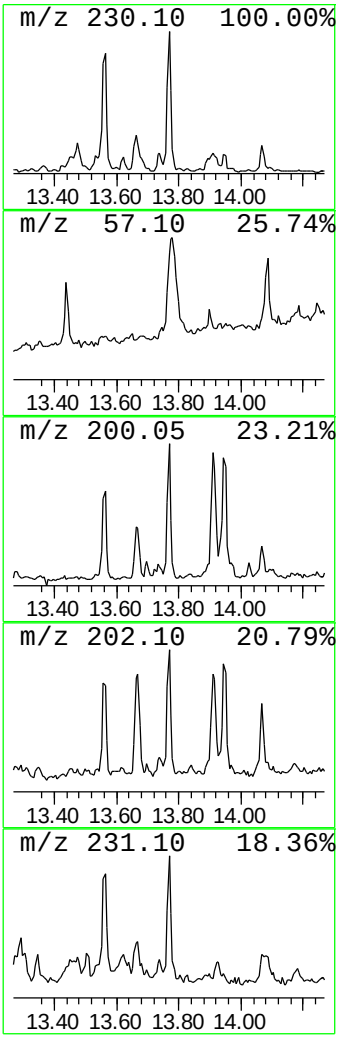
Peak Number 11 11H-Benzo[a]fluoren-11-one Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	3.71 ng	262977	Chrysene-d12	13.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	94
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	93
3	Dibenzo[c,h][2,6]naphthyridine	230	C16H10N2	000218-30-4	59
4	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	53
5	9-Chloro-1-phenazinol	230	C12H7ClN2O	091268-03-0	53





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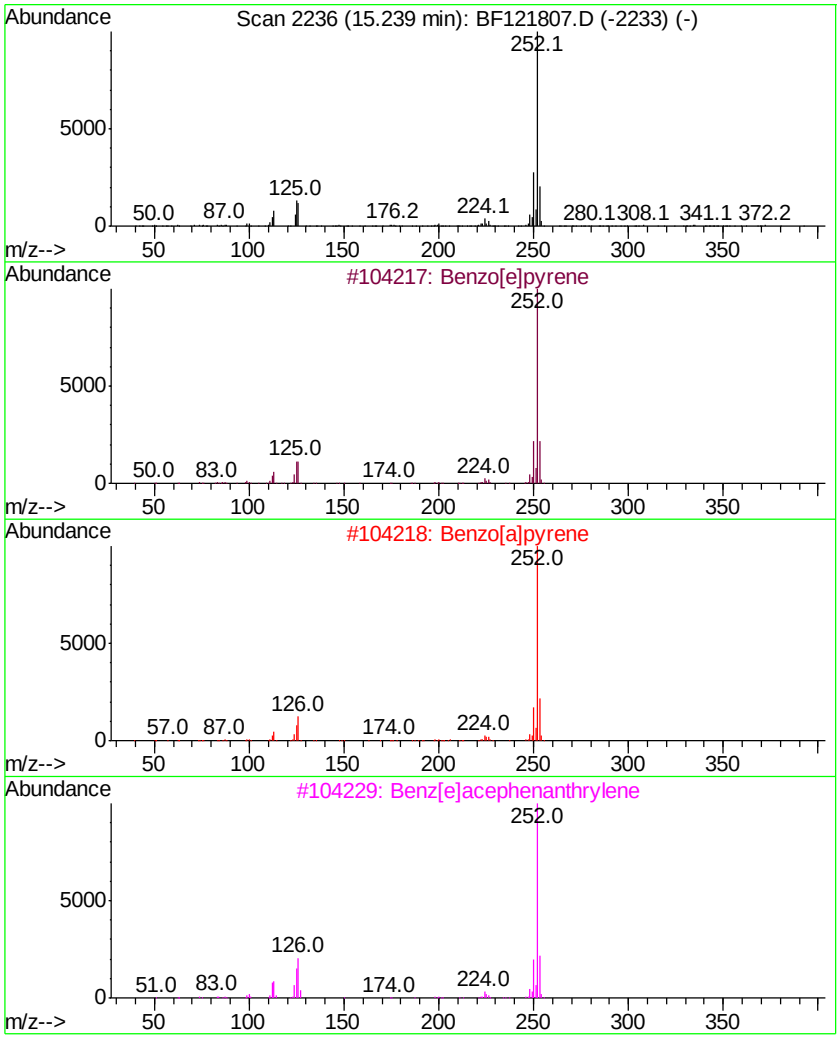
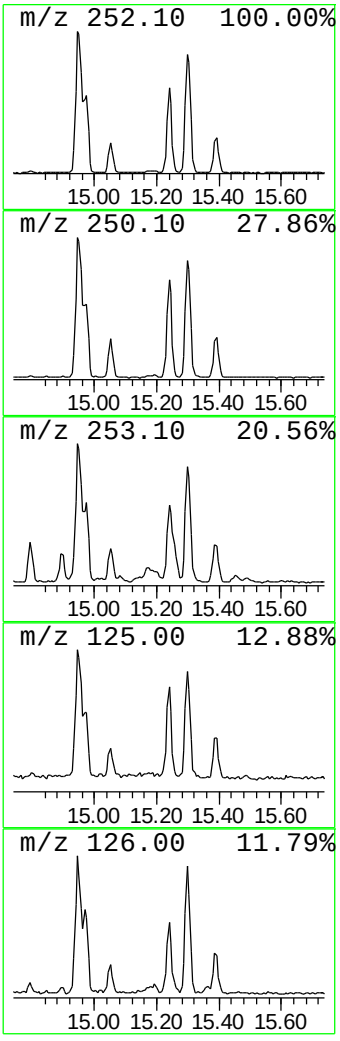
Peak Number 12 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.24	8.22 ng	292817	Perylene-d12	15.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[a]pyrene	252	C20H12	000050-32-8	97
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
4	Perylene	252	C20H12	000198-55-0	94
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Bicyclo[3.1.1]hep...	6.04	96.0	ng	4080930	1	6.76	849816	20.0
Camphene	6.20	8.0	ng	339832	1	6.76	849816	20.0
Tetradecane	10.70	3.3	ng	132163	4	11.29	806046	20.0
D-Galactitol, 2-(...	11.52	3.0	ng	121318	4	11.29	806046	20.0
Anthracene, 2-met...	11.81	3.1	ng	125753	4	11.29	806046	20.0
Cycloheptane, 4-m...	11.83	8.4	ng	337809	4	11.29	806046	20.0
Benzaldehyde, 3,5...	11.89	5.1	ng	205194	4	11.29	806046	20.0
Thunbergol	12.32	6.1	ng	246568	4	11.29	806046	20.0
unknown12.37	12.37	2.0	ng	81357	4	11.29	806046	20.0
unknown13.36	13.36	2.5	ng	176106	5	13.92	1418680	20.0
11H-Benzo[a]fluor...	13.77	3.7	ng	262977	5	13.92	1418680	20.0
Benzo[e]pyrene	15.24	8.2	ng	292817	6	15.36	712271	20.0