LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022620\
Data File : BF119099.D
Acq On : 26 Feb 2020 17:23
Operator : CG/JU
Sample : L1370-06 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-022520

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	3.151	179	181	196	rBV5	23939	69123	4.76%	0.385%
2	5.363	554	557	575	rBV	999513	1143315	78.77%	6.376%
3	6.387	728	731	746	rBV	1155807	1076088	74.14%	6.001%
4	6.745	788	792	800	rBV	1005544	845654	58.26%	4.716%
5	6.898	815	818	828	rBV	1231873	1055201	72.70%	5.884%
6	7.304	884	887	893	rBV	826297	690716	47.59%	3.852%
7	8.028	1006	1010	1013	rBV	1095210	1026368	70.71%	5.724%
8	8.739	1129	1131	1137	rVB	19413	18489	1.27%	0.103%
9	8.839	1145	1148	1152	rBV2	24572	28221	1.94%	0.157%
10	9.098	1188	1192	1202	rBV	1822142	1451423	100.00%	8.094%
11	9.186	1204	1207	1211	rBV2	29313	29310	2.02%	0.163%
12	9.363	1230	1237	1241	rBV	16731	25562	1.76%	0.143%
13	9.439	1246	1250	1252	rVV	28244	26765	1.84%	0.149%
14	9.492	1256	1259	1263	rBV	86625	87979	6.06%	0.491%
15	9.639	1281	1284	1288	rBV	57975	50294	3.47%	0.280%
16	9.716	1294	1297	1301	rVB	31416	29625	2.04%	0.165%
17	9.775	1301	1307	1311	rBV	1215241	1067382	73.54%	5.952%
18	9.810	1311	1313	1317	rVB	27744	26678	1.84%	0.149%
19	9.980	1338	1342	1345	rBV	26451	27919	1.92%	0.156%
20	10.186	1373	1377	1379	rBV4	16981	20958	1.44%	0.117%
21	10.210	1379	1381	1384	rVV2	26564	22359	1.54%	0.125%
22	10.322	1397	1400	1407	rBV2	38335	51290	3.53%	0.286%
23	10.433	1416	1419	1423	rVB2	24185	18854	1.30%	0.105%
24	10.563	1436	1441	1453	rBV	773696	708140	48.79%	3.949%
25	10.686	1459	1462	1470	rBV3	42676	64109	4.42%	0.358%
26	10.869	1489	1493	1496	rBV5	17227	25159	1.73%	0.140%
27	11.133	1530	1538	1540	rBV3	31489	47368	3.26%	0.264%
28	11.157	1540	1542	1547	rVB2	36983	42996	2.96%	0.240%
29	11.257	1555	1559	1562	rBV	1007572	924294	63.68%	5.154%
30	11.280	1562	1563	1567	rVV	264371	189524	13.06%	1.057%
31	11.333	1570	1572	1575	rVB	78369	65801	4.53%	0.367%
32	11.492	1596	1599	1605	rBV2	26667	46771	3.22%	0.261%
33	11.557	1607	1610	1613	rVB	32989	30324	2.09%	0.169%
34	11.592	1613	1616	1622	rBV	28209	35169	2.42%	0.196%

LSC Area Percent Report

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Operator : CG/JU
Sample : L1370-06 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-022520

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

35	11.763	1641	1645	1647	rBV	61891	61935	4.27%	0.345%
36	11.786	1647	1649	1652	rVV	122221	112987	7.78%	0.630%
37	11.869	1660	1663	1666	rBV	99499	107989	7.44%	0.602%
38	11.963	1676	1679	1682	rVB3	24229	22338	1.54%	0.125%
39	12.051	1692	1694	1697	rBV	34122	31463	2.17%	0.175%
40	12.086	1698	1700	1704	rVB2	39868	34055	2.35%	0.190%
41	12.186	1715	1717	1719	rBV	24420	29091	2.00%	0.162%
42	12.239	1723	1726	1728	rBV2	27732	30822	2.12%	0.172%
43	12.310	1735	1738	1740	rBV	86914	80638	5.56%	0.450%
44	12.345	1740	1744	1747	rVV3	58943	78153	5.38%	0.436%
45	12.398	1750	1753	1756	rBV2	46861	58035	4.00%	0.324%
46	12.469	1762	1765	1769	rBV	432355	370473	25.52%	2.066%
47	12.516	1770	1773	1775	rVV3	23273	22008	1.52%	0.123%
48	12.569	1779	1782	1786	rBV2	50481	59714	4.11%	0.333%
49	12.621	1789	1791	1794	rBV2	22351	22783	1.57%	0.127%
50	12.698	1799	1804	1807	rVV	468918	458683	31.60%	2.558%
51	12.757	1811	1814	1817	rVB3	38809	45510	3.14%	0.254%
52	12.839	1824	1828	1831	rBV	1433337	1172486	80.78%	6.538%
53	12.916	1838	1841	1848	rBV5	44861	80521	5.55%	0.449%
54	13.027	1857	1860	1863	rVB2	96530	96581	6.65%	0.539%
55	13.074	1866	1868	1869	rVV2	37536	29168	2.01%	0.163%
56	13.092	1869	1871	1874	rVB	56239	45109	3.11%	0.252%
57	13.133	1874	1878	1882	rBV2	71314	101877	7.02%	0.568%
58	13.221	1891	1893	1895	rVB	51091	37243	2.57%	0.208%
59	13.251	1896	1898	1901	rBV	52879	45859	3.16%	0.256%
60	13.645	1963	1965	1967	rBV	45676	36322	2.50%	0.203%
61	13.739	1978	1981	1986	rVB4	107481	139503	9.61%	0.778%
62	13.892	2003	2007	2010	rBV2	1063817	1223680	84.31%	6.824%
63	13.921	2010	2012	2015	rVB	210365	177199	12.21%	0.988%
64	14.921	2178	2182	2188	rVB	220070	375708	25.89%	2.095%
65	15.204	2228	2230	2235	rVB	154499	165560	11.41%	0.923%
66	15.268	2238	2241	2245	rVV	238899	288354	19.87%	1.608%
67	15.327	2247	2251	2259	rVB	916859	1221239	84.14%	6.810%

Sum of corrected areas: 17932314

LSC Report - Integrated Chromatogram

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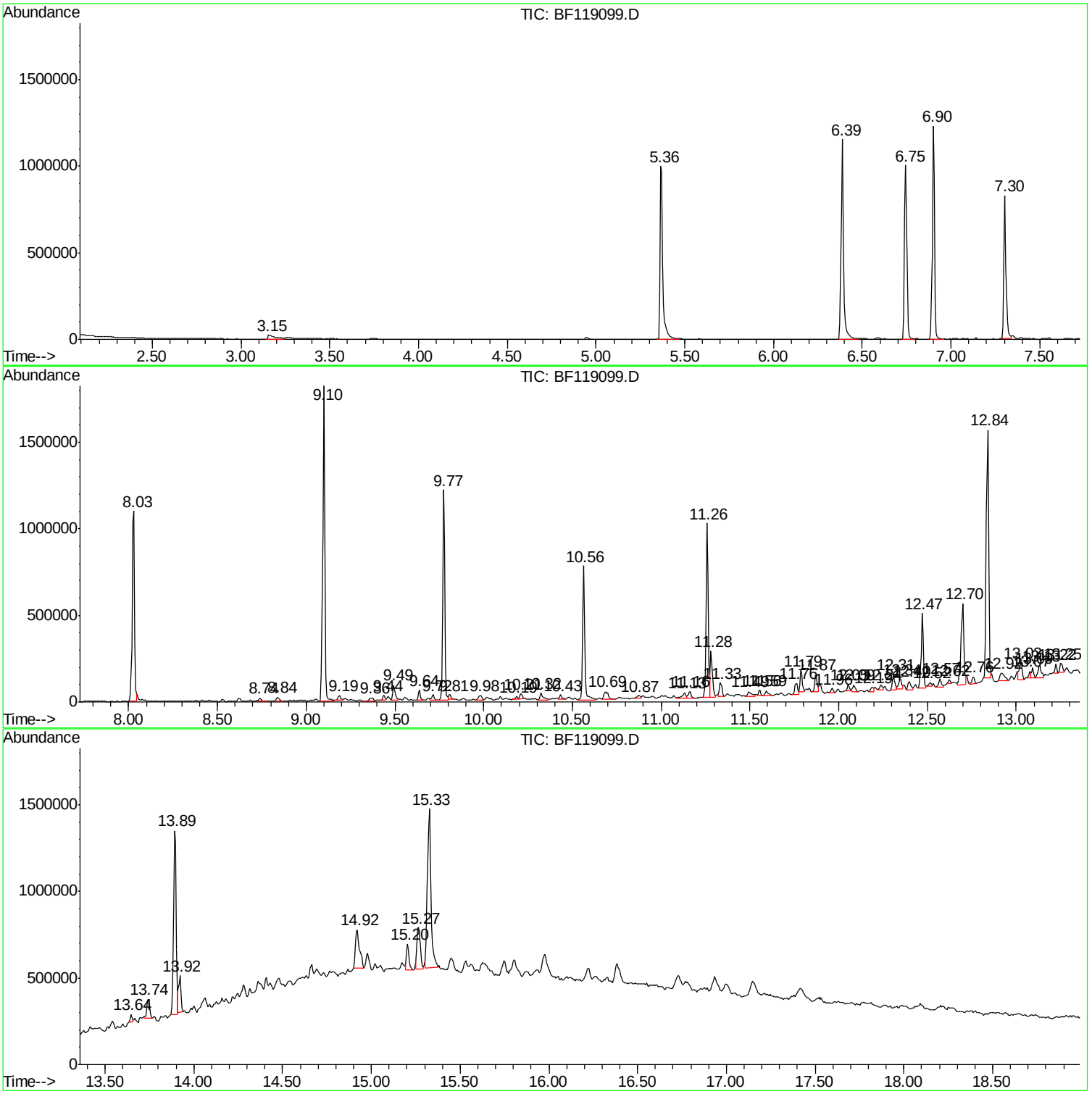
Acq On : 26 Feb 2020 17:23
Operator : CG/JU
Sample : L1370-06 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-03-022520

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\BF022620\
Data File : BF119099.D
Acq On : 26 Feb 2020 17:23
Operator : CG/JU
Sample : L1370-06 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-022520

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

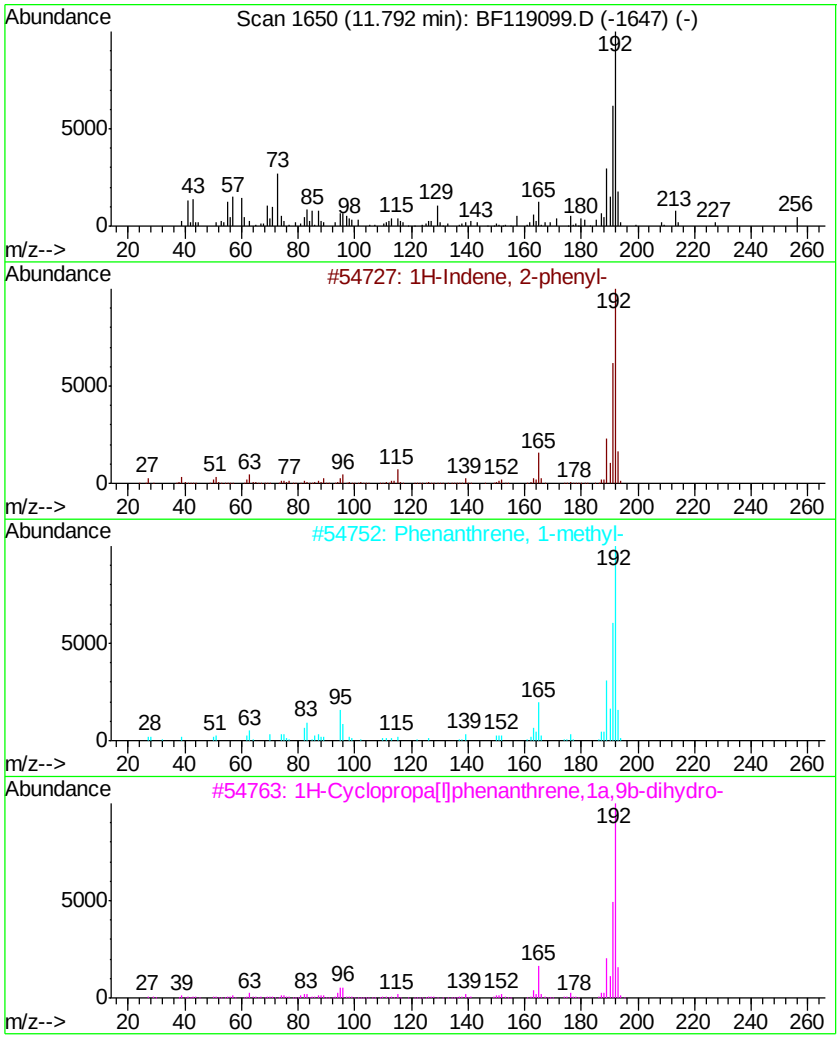
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

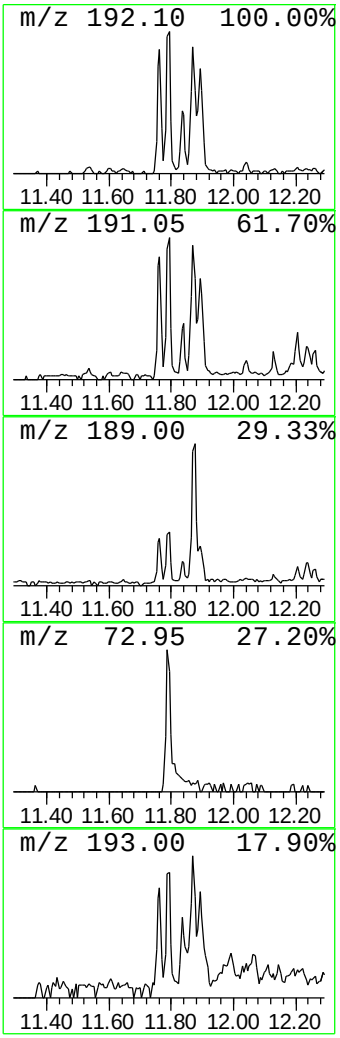
****

Peak Number 2 1H-Indene, 2-phenyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	2.44 ng	112987	Phenanthrene-d10	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	91
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	83
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	83
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	83
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	83





Library Search Compound Report

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Data File : BF119099.D
Acq On : 26 Feb 2020 17:23
Operator : CG/JU
Sample : L1370-06 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-022520

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

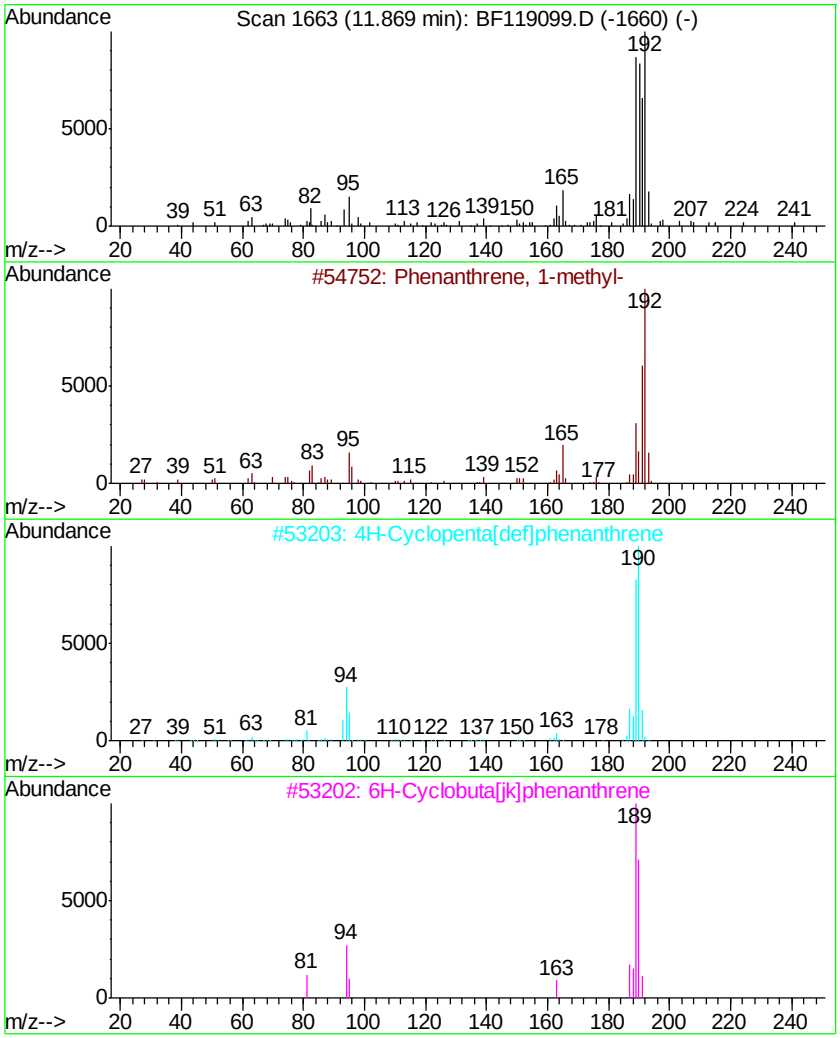
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

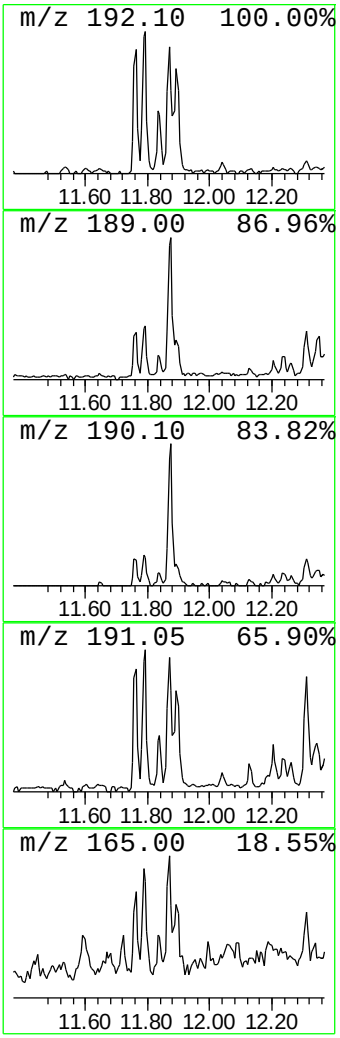
****

Peak Number 3 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	2.34 ng	107989	Phenanthrene-d10	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	83
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	46
5	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	46





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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-022520

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

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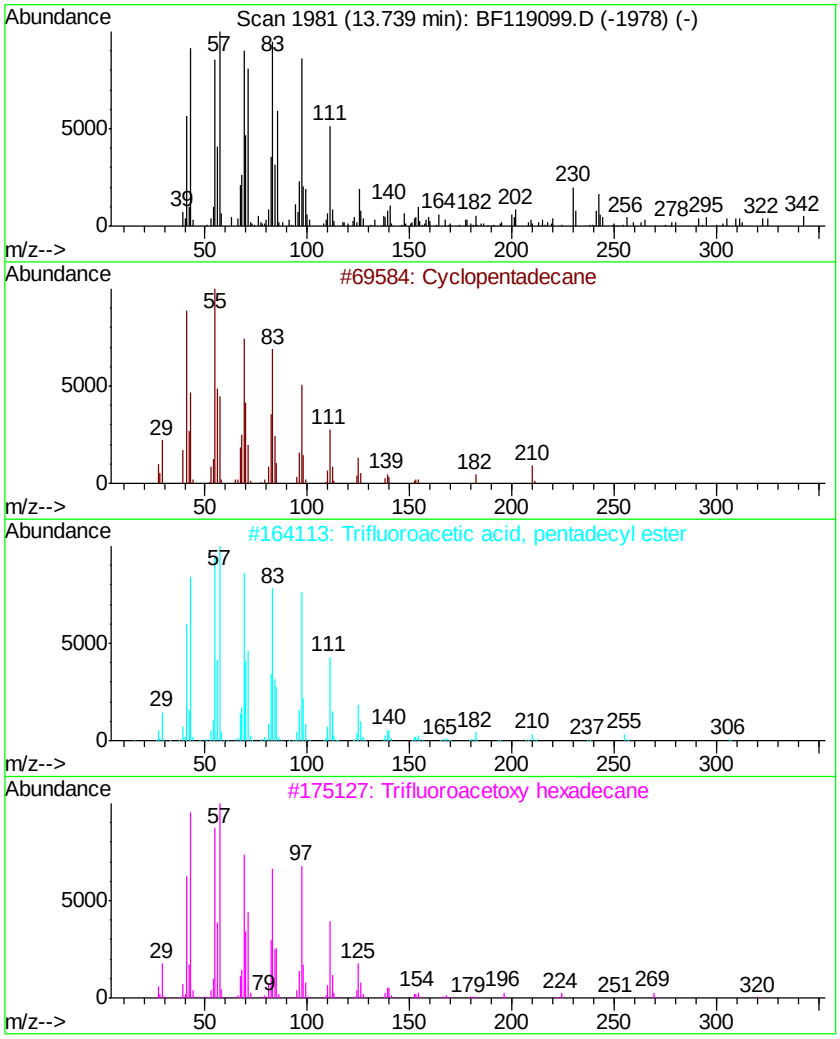
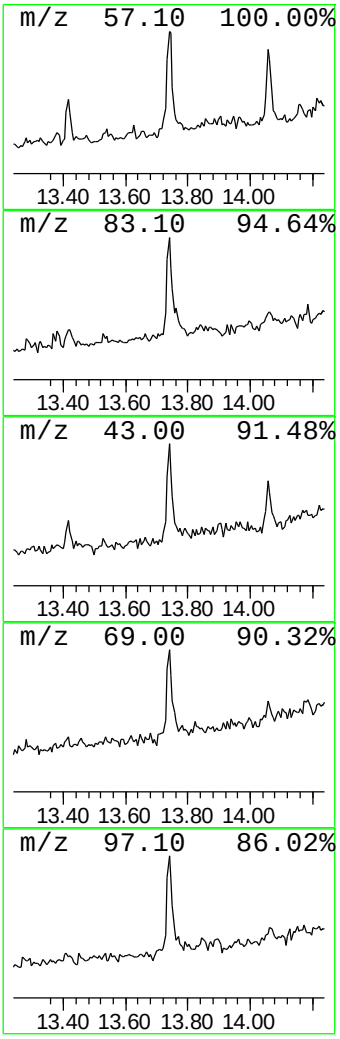
Peak Number 4 Cyclopentadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.74	2.28 ng	139503	Chrysene-d12	13.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	97
2	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	76
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	76
4	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	76
5	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	76





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Sample : L1370-06 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-022520

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
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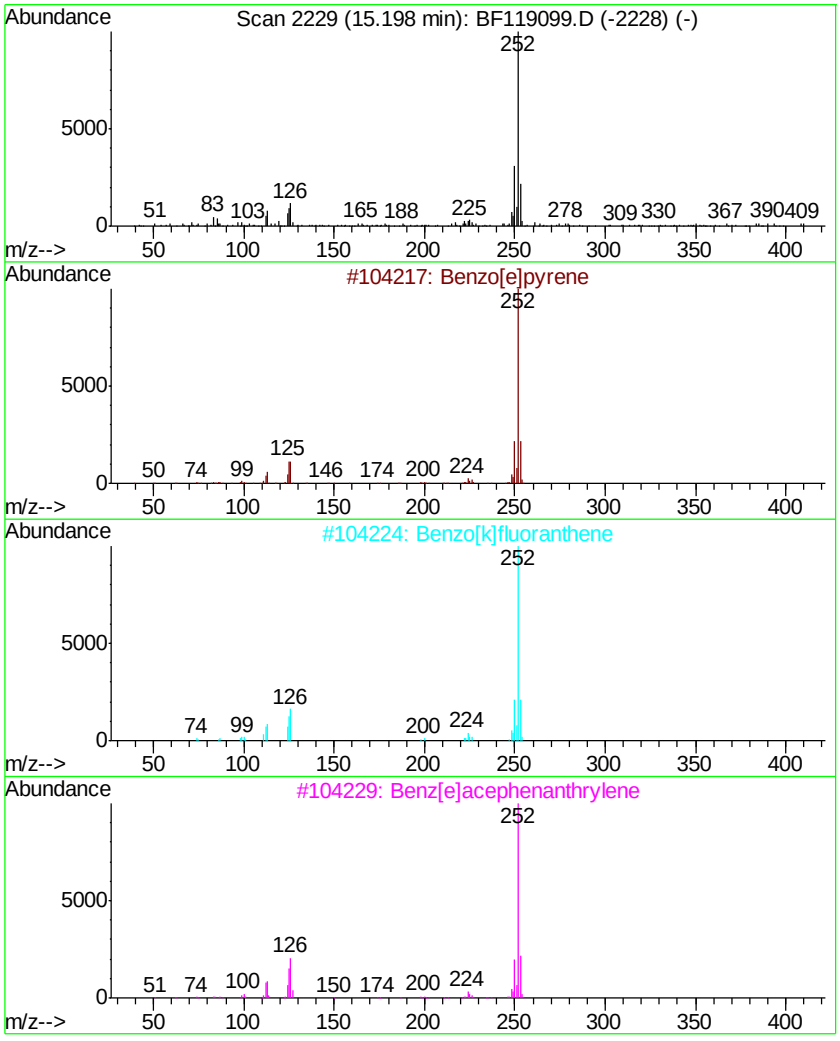
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

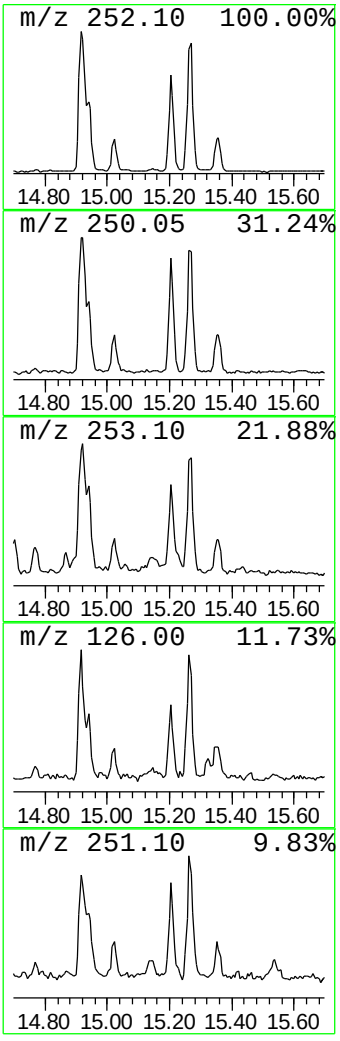
****

Peak Number 5 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.20	2.71 ng	165560	Perylene-d12	15.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
4	Perylene	252	C20H12	000198-55-0	94
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	81





Tentatively Identified Compound (LSC) summary

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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
1H-Indene, 2-phenyl-	11.79	2.4	ng	112987	4	11.26	924294	20.0
Phenanthrene, 1-m...	11.87	2.3	ng	107989	4	11.26	924294	20.0
Cyclopentadecane	13.74	2.3	ng	139503	5	13.90	1223680	20.0
Benzo[e]pyrene	15.20	2.7	ng	165560	6	15.33	1221240	20.0