LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032520\
Data File : BF119523.D
Acq On : 26 Mar 2020 2:43
Operator : CG/JU
Sample : L2013-07 10X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GHD1-BC-IB-0-5

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-BF031820.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	3.898	303	308	315	rVB	19900	28660	1.23%	0.111%
2	5.440	566	570	582	rBV	848561	727313	31.16%	2.821%
3	6.451	739	742	751	rBV	852569	723729	31.00%	2.807%
4	6.839	804	808	812	rBV	2038811	1678750	71.92%	6.512%
5	6.992	831	834	838	rBV	686263	624446	26.75%	2.422%
6	7.398	897	903	907	rBV	540361	476702	20.42%	1.849%
7	8.128	1021	1027	1030	rBV	2604045	2190924	93.86%	8.498%
8	9.204	1206	1210	1213	rBV	1010561	851675	36.48%	3.304%
9	9.286	1222	1224	1229	rBV3	21342	30801	1.32%	0.119%
10	9.598	1274	1277	1282	rVB	82655	81252	3.48%	0.315%
11	9.745	1297	1302	1307	rBV	87943	84801	3.63%	0.329%
12	9.886	1322	1326	1329	rBV	2749218	2328906	99.77%	9.034%
13	9.916	1329	1331	1335	rVB	104860	86678	3.71%	0.336%
14	10.086	1357	1360	1364	rBV	48633	39590	1.70%	0.154%
15	10.204	1373	1380	1383	rBV3	50226	125694	5.38%	0.488%
16	10.427	1416	1418	1425	rVB	67282	77690	3.33%	0.301%
17	10.498	1425	1430	1432	rBV5	14893	26797	1.15%	0.104%
18	10.539	1435	1437	1440	rVB3	43925	33799	1.45%	0.131%
19	10.669	1455	1459	1465	rBV	617900	554066	23.74%	2.149%
20	10.792	1478	1480	1482	rBV3	46266	53120	2.28%	0.206%
21	10.980	1508	1512	1514	rVB2	35124	30740	1.32%	0.119%
22	11.269	1559	1561	1565	rVB2	45829	50101	2.15%	0.194%
23	11.369	1575	1578	1581	rBV	2408292	2334317	100.00%	9.055%
24	11.392	1581	1582	1586	rVV	522052	356512	15.27%	1.383%
25	11.445	1588	1591	1594	rVV	202188	166799	7.15%	0.647%
26	11.474	1594	1596	1601	rVB6	31776	39335	1.69%	0.153%
27	11.669	1627	1629	1633	rBV4	45411	33853	1.45%	0.131%
28	11.710	1633	1636	1640	rVV6	33465	50366	2.16%	0.195%
29	11.745	1640	1642	1646	rVB	29539	27647	1.18%	0.107%
30	11.874	1661	1664	1666	rBV	65898	57951	2.48%	0.225%
31	11.898	1666	1668	1672	rVV2	245808	216345	9.27%	0.839%
32	11.939	1672	1675	1679	rVB2	105655	118371	5.07%	0.459%
33	11.986	1679	1683	1688	rBV3	359625	417378	17.88%	1.619%
34	12.027	1688	1690	1692	rVB	83579	64161	2.75%	0.249%

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Instrument : BNA_F
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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.080	1696	1699	1702	rBV2	33868	32699	1.40%	0.127%
36	12.163	1709	1713	1716	rBV2	105126	137651	5.90%	0.534%
37	12.298	1734	1736	1738	rBV3	28575	31314	1.34%	0.121%
38	12.427	1755	1758	1760	rBV	55927	56966	2.44%	0.221%
39	12.469	1760	1765	1766	rBV3	68789	87927	3.77%	0.341%
40	12.486	1766	1768	1769	rVV2	80587	59091	2.53%	0.229%
41	12.504	1769	1771	1777	rVB2	226723	231612	9.92%	0.898%
42	12.557	1777	1780	1782	rBV4	38124	48133	2.06%	0.187%
43	12.586	1782	1785	1788	rBV	1029366	818435	35.06%	3.175%
44	12.633	1790	1793	1798	rVB6	78009	90004	3.86%	0.349%
45	12.680	1798	1801	1805	rBV	271572	305460	13.09%	1.185%
46	12.727	1806	1809	1815	rVB4	65776	75633	3.24%	0.293%
47	12.816	1817	1824	1827	rBV	786881	895063	38.34%	3.472%
48	12.904	1836	1839	1841	rBV3	50550	40741	1.75%	0.158%
49	12.933	1842	1844	1845	rVV	67040	52547	2.25%	0.204%
50	12.957	1845	1848	1855	rVB	928522	955001	40.91%	3.704%
51	13.116	1873	1875	1876	rBV2	41552	32989	1.41%	0.128%
52	13.139	1877	1879	1883	rVB	171812	164450	7.04%	0.638%
53	13.180	1883	1886	1888	rBV3	83551	85367	3.66%	0.331%
54	13.210	1888	1891	1893	rVB2	129061	129663	5.55%	0.503%
55	13.245	1895	1897	1900	rVB2	78307	62930	2.70%	0.244%
56	13.333	1910	1912	1915	rVB2	84650	77259	3.31%	0.300%
57	13.368	1916	1918	1923	rBV3	81850	81763	3.50%	0.317%
58	13.439	1927	1930	1937	rVV	262003	256176	10.97%	0.994%
59	13.492	1937	1939	1942	rVB2	54195	44348	1.90%	0.172%
60	13.539	1945	1947	1954	rVV4	89343	122924	5.27%	0.477%
61	14.010	2022	2027	2030	rBV2	1782648	2304921	98.74%	8.941%
62	14.039	2030	2032	2037	rVB	333946	301610	12.92%	1.170%
63	14.186	2055	2057	2061	rVB2	91663	78222	3.35%	0.303%
64	14.474	2103	2106	2107	rBV	132964	131562	5.64%	0.510%
65	14.492	2107	2109	2112	rVB	134693	114724	4.91%	0.445%
66	14.545	2115	2118	2121	rVB2	154876	154843	6.63%	0.601%
67	14.598	2125	2127	2134	rVB	189268	173759	7.44%	0.674%
68	15.051	2200	2204	2207	rBV	304589	456513	19.56%	1.771%
69	15.351	2252	2255	2261	rVB	190807	237136	10.16%	0.920%
70	15.410	2262	2265	2270	rBV	239251	301145	12.90%	1.168%
71	15.480	2272	2277	2281	rBV	1165689	1410831	60.44%	5.473%

LSC Area Percent Report

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Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GHD1-BC-IB-0-5

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	15.968	2357	2360	2365	rVB2	97056	127915	5.48%	0.496%
73	16.933	2521	2524	2531	rVB2	122075	221594	9.49%	0.860%

Sum of corrected areas: 25780190

LSC Report - Integrated Chromatogram

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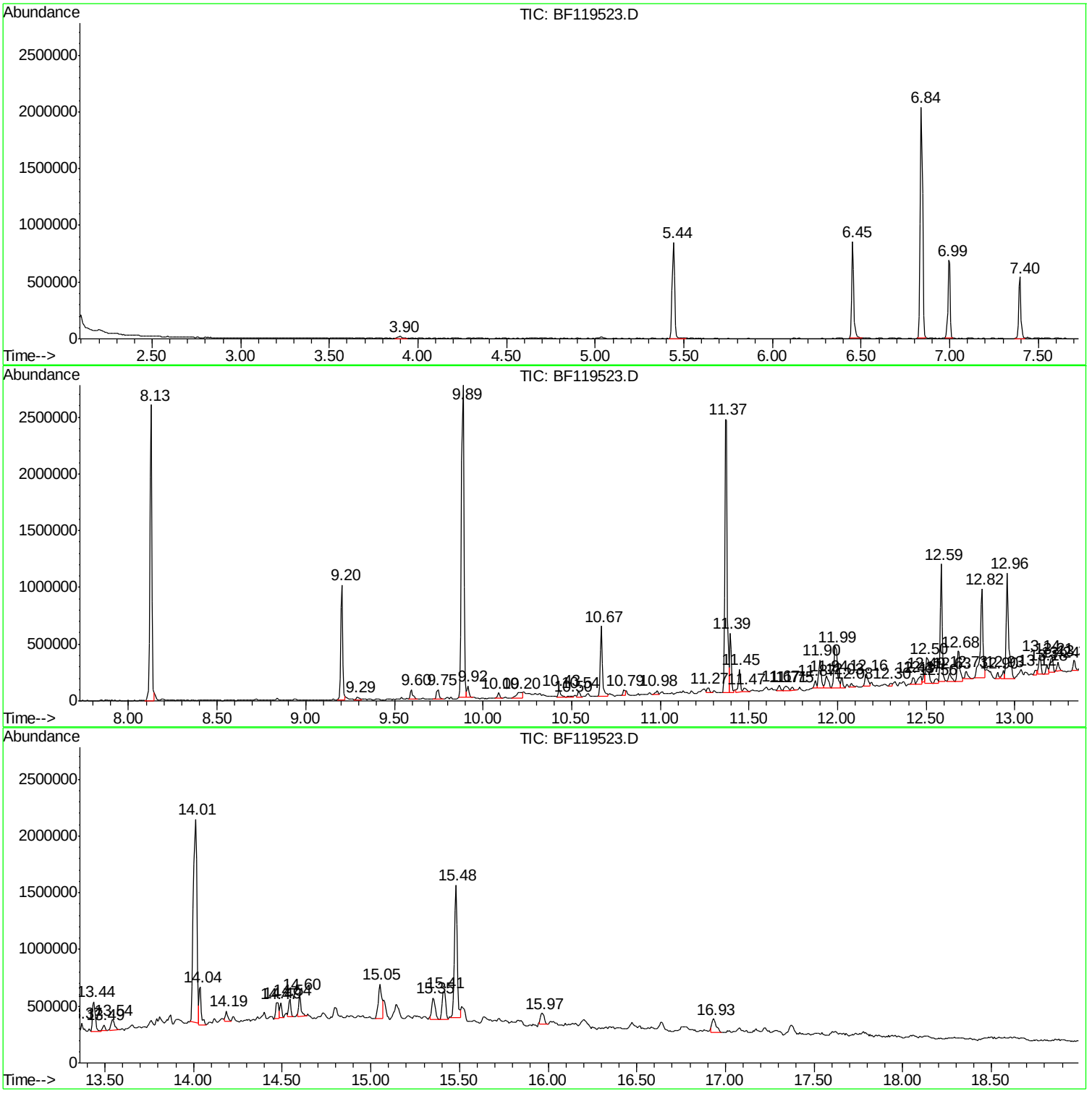
Sample : L2013-07 10X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GHD1-BC-IB-0-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032520\
Data File : BF119523.D
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Operator : CG/JU
Sample : L2013-07 10X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GHD1-BC-IB-0-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.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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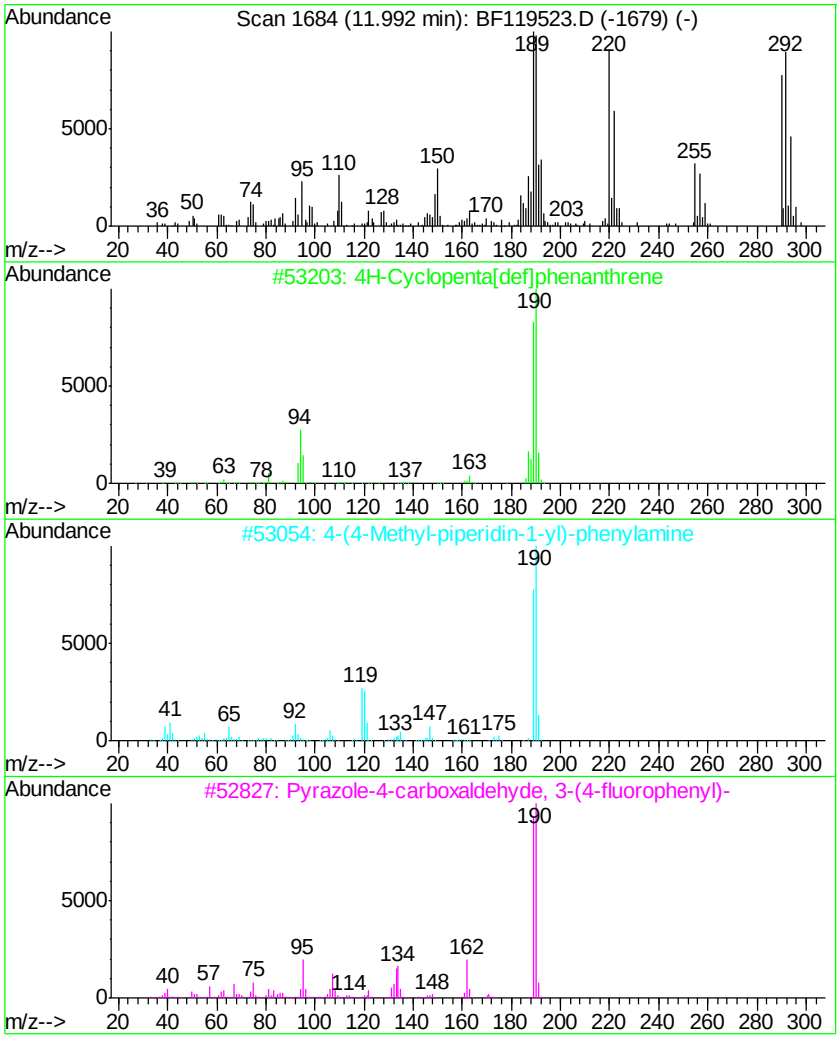
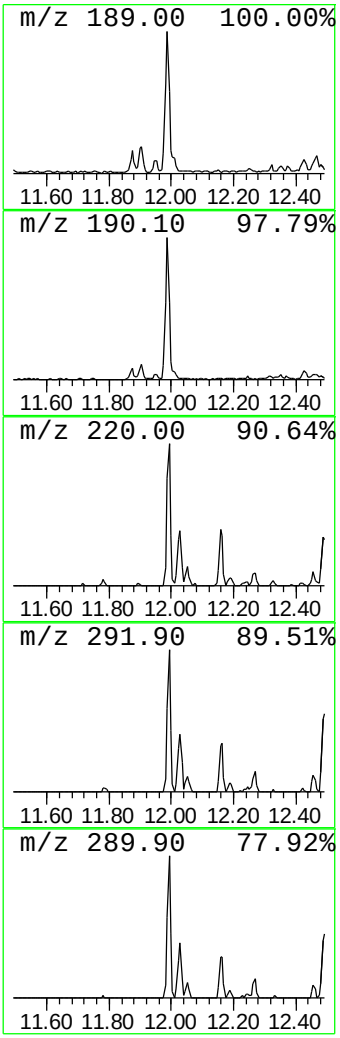
Peak Number 2 unknown11.99 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	3.58 ng	417378	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
2	4-(4-Methyl-piperidin-1-yl)-phen...	190	C12H18N2	342013-25-6	43
3	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	43
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	43
5	1H-2-Benzothiopyran-4-carbonitri...	222	C10H10N2S2	005275-11-6	22





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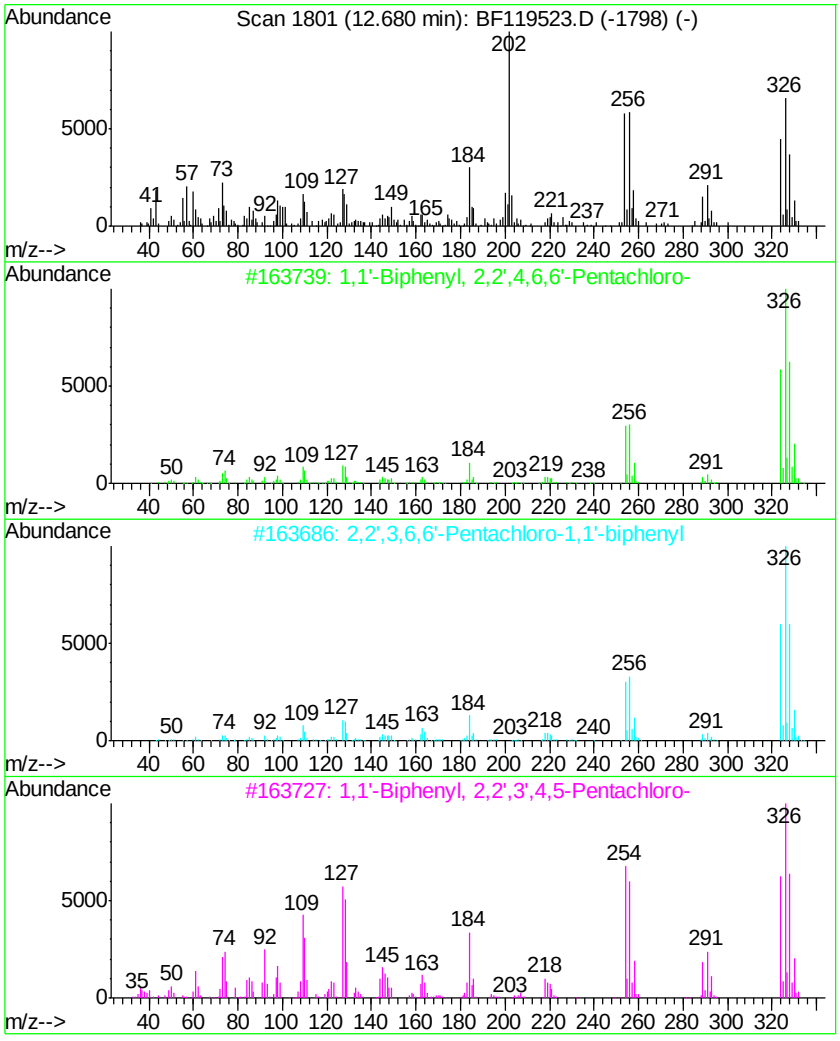
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

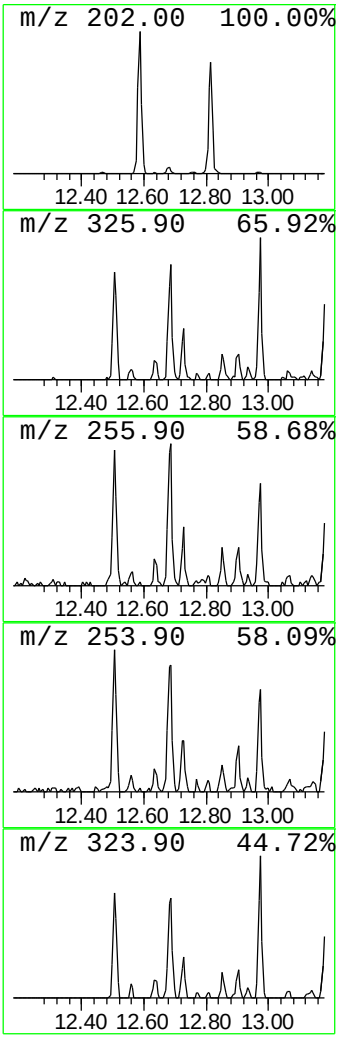
****

Peak Number 3 1,1'-Biphenyl, 2,2',4,6,6'-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.68	2.62 ng	305460	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	99
2	2,2',3,6,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-54-9	99
3	1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	99
4	1,1'-Biphenyl, 2,2',4,5',6-Penta...	324	C12H5Cl5	060145-21-3	99
5	2,3,3',5,6-Pentachloro-1,1'-biph...	324	C12H5Cl5	074472-36-9	98





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TIC Library : C:\DATABASE\NIST11.L
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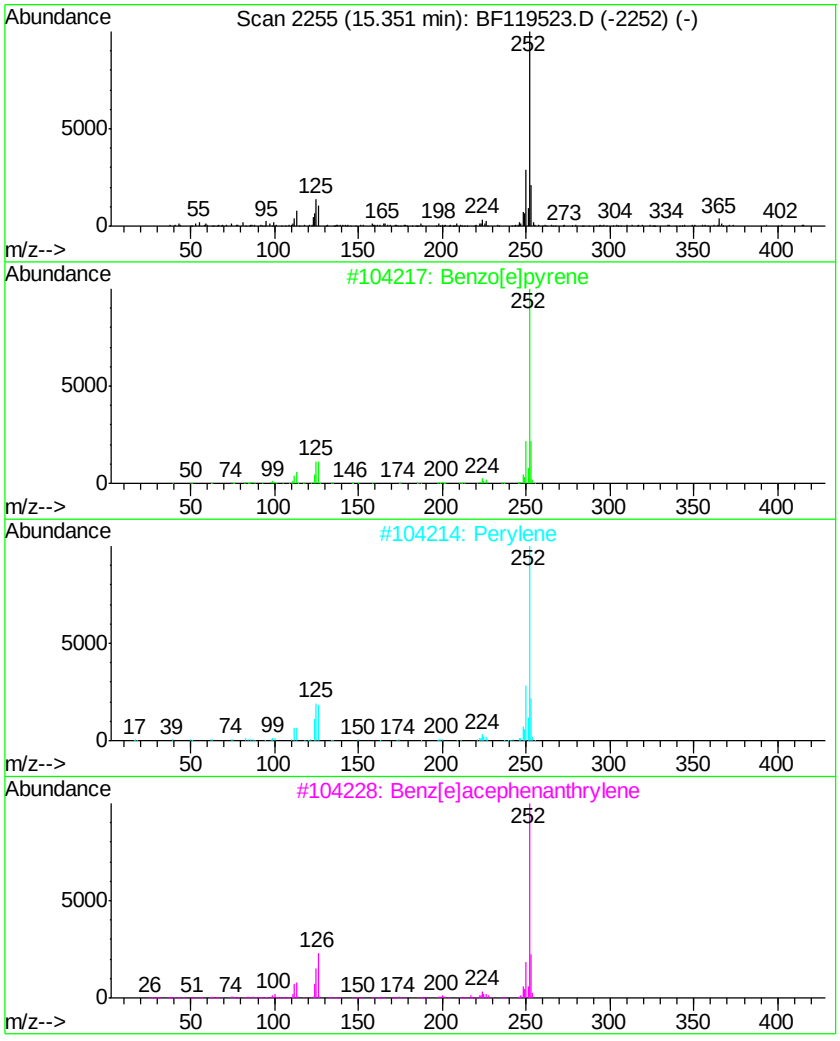
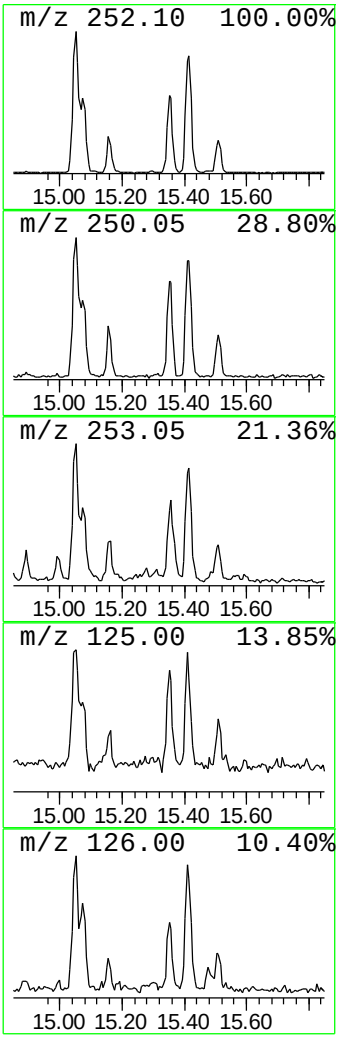
Peak Number 4 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.35	3.36 ng	237136	Perylene-d12	15.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Perylene	252	C20H12	000198-55-0	96
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	86





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown11.99	11.99	3.6	ng	417378	4	11.37	2334320	20.0
1,1'-Biphenyl, 2,...	12.68	2.6	ng	305460	4	11.37	2334320	20.0
Benzo[e]pyrene	15.35	3.4	ng	237136	6	15.48	1410830	20.0