LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112017\
Data File : BF100745.D
Acq On : 20 Nov 2017 22:07
Operator : SJ/JU
Sample : I6304-14 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-111617-B

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:\HPCHEM1\BNA_F\METHODS\8270-BF110817.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	5.081	506	509	516	rBV	24395	24588	3.32%	0.239%
2	5.475	572	576	580	rBV	498824	410598	55.44%	3.986%
3	6.487	744	748	754	rBV	524264	430420	58.12%	4.178%
4	6.634	769	773	776	rBV	567656	442471	59.74%	4.295%
5	6.869	809	813	817	rBB	685623	539621	72.86%	5.239%
6	7.022	836	839	843	rBV	405543	336790	45.47%	3.270%
7	7.428	904	908	911	rBV	325041	254974	34.43%	2.475%
8	8.151	1027	1031	1034	rBV	903100	703508	94.99%	6.830%
9	8.963	1165	1169	1172	rBB	11572	9155	1.24%	0.089%
10	9.222	1210	1213	1217	rBV	627094	503162	67.94%	4.885%
11	9.298	1221	1226	1229	rBV	10903	9398	1.27%	0.091%
12	9.563	1265	1271	1273	rBV	31884	25801	3.48%	0.250%
13	9.616	1278	1280	1288	rVB	33861	34546	4.66%	0.335%
14	9.769	1302	1306	1309	rBV	30189	25966	3.51%	0.252%
15	9.828	1309	1316	1319	rVV	19916	19000	2.57%	0.184%
16	9.910	1326	1330	1333	rBV	785964	740619	100.00%	7.190%
17	9.939	1333	1335	1338	rVB	29381	22079	2.98%	0.214%
18	10.110	1358	1364	1368	rVB2	17702	20702	2.80%	0.201%
19	10.145	1368	1370	1375	rBV	10067	9797	1.32%	0.095%
20	10.328	1394	1401	1404	rBV2	27155	25549	3.45%	0.248%
21	10.451	1419	1422	1428	rBV	45115	43343	5.85%	0.421%
22	10.692	1459	1463	1468	rVB	309904	270442	36.52%	2.625%
23	10.804	1479	1482	1490	rBV2	17473	27511	3.71%	0.267%
24	10.998	1508	1515	1518	rBV3	11258	15399	2.08%	0.149%
25	11.251	1551	1558	1560	rBV3	9021	12227	1.65%	0.119%
26	11.286	1560	1564	1570	rVB2	20065	21606	2.92%	0.210%
27	11.392	1578	1582	1584	rBV	817026	681943	92.08%	6.620%
28	11.416	1584	1586	1589	rVV	308332	233827	31.57%	2.270%
29	11.469	1589	1595	1597	rVB	64517	54957	7.42%	0.534%
30	11.622	1618	1621	1626	rBV	17414	17177	2.32%	0.167%
31	11.722	1634	1638	1642	rVB	12821	12268	1.66%	0.119%
32	11.892	1662	1667	1670	rBV	42778	47061	6.35%	0.457%
33	11.922	1670	1672	1675	rVV	52149	41195	5.56%	0.400%
34	11.969	1677	1680	1683	rBV	16013	15774	2.13%	0.153%

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Instrument : BNA_F
ClientSampleId : CL-01-111617-B

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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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.004	1683	1686	1688	rVV	66097	69732	9.42%	0.677%
36	12.027	1688	1690	1695	rVB	30675	23972	3.24%	0.233%
37	12.080	1695	1699	1704	rBV5	7544	10273	1.39%	0.100%
38	12.186	1714	1717	1719	rBV	25823	17427	2.35%	0.169%
39	12.210	1719	1721	1724	rVV3	11824	10131	1.37%	0.098%
40	12.369	1744	1748	1750	rBV2	10388	10025	1.35%	0.097%
41	12.439	1757	1760	1763	rBV	27192	29053	3.92%	0.282%
42	12.474	1763	1766	1769	rVV3	19223	27394	3.70%	0.266%
43	12.527	1772	1775	1780	rBV3	12804	18352	2.48%	0.178%
44	12.604	1784	1788	1791	rBV	359346	290408	39.21%	2.819%
45	12.698	1801	1804	1807	rBV2	15635	14406	1.95%	0.140%
46	12.757	1811	1814	1817	rVV	18002	18510	2.50%	0.180%
47	12.833	1821	1827	1833	rVV	308937	307555	41.53%	2.986%
48	12.886	1833	1836	1840	rVB2	12979	16386	2.21%	0.159%
49	12.969	1847	1850	1854	rVB	354554	317684	42.89%	3.084%
50	13.045	1858	1863	1867	rBV2	24115	41288	5.57%	0.401%
51	13.139	1875	1879	1880	rBV3	18423	22648	3.06%	0.220%
52	13.157	1880	1882	1885	rVB	47135	41013	5.54%	0.398%
53	13.227	1891	1894	1896	rVB	31827	27625	3.73%	0.268%
54	13.263	1896	1900	1903	rBV2	35676	33813	4.57%	0.328%
55	13.357	1913	1916	1918	rBV	19708	16663	2.25%	0.162%
56	13.386	1918	1921	1923	rVV	18951	18148	2.45%	0.176%
57	13.416	1923	1926	1930	rVB2	15390	18478	2.49%	0.179%
58	13.533	1943	1946	1948	rBV4	8363	11063	1.49%	0.107%
59	13.663	1966	1968	1973	rVB	23959	24910	3.36%	0.242%
60	13.757	1981	1984	1986	rBV	41083	41471	5.60%	0.403%
61	13.780	1986	1988	1990	rVV	24119	23142	3.12%	0.225%
62	13.804	1990	1992	1994	rVV	22026	18223	2.46%	0.177%
63	13.827	1994	1996	2000	rVV2	21592	29103	3.93%	0.283%
64	13.868	2000	2003	2008	rVB3	39099	53728	7.25%	0.522%
65	14.027	2025	2030	2033	rBV2	619656	710718	95.96%	6.900%
66	14.051	2033	2034	2040	rVB	132834	109597	14.80%	1.064%
67	14.133	2042	2048	2051	rBV3	32701	47724	6.44%	0.463%
68	14.174	2052	2055	2056	rBV	10370	9340	1.26%	0.091%
69	14.257	2065	2069	2072	rBV4	14071	20198	2.73%	0.196%
70	14.280	2072	2073	2076	rVB3	10767	9653	1.30%	0.094%
71	14.416	2093	2096	2099	rVB	33428	32478	4.39%	0.315%

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.445	2099	2101	2106	rBV2	20373	31437	4.24%	0.305%
73	14.486	2106	2108	2110	rVV3	19511	22236	3.00%	0.216%
74	14.539	2114	2117	2119	rVV2	26245	29569	3.99%	0.287%
75	14.563	2119	2121	2125	rVB4	19406	18747	2.53%	0.182%
76	15.068	2203	2207	2210	rBV	144887	209178	28.24%	2.031%
77	15.133	2214	2218	2222	rVV	88362	102834	13.88%	0.998%
78	15.180	2222	2226	2229	rVB	28160	37378	5.05%	0.363%
79	15.374	2256	2259	2265	rVB	86084	115803	15.64%	1.124%
80	15.439	2265	2270	2275	rBV	119968	173260	23.39%	1.682%
81	15.504	2276	2281	2291	rVB	484808	667270	90.10%	6.478%
82	15.951	2354	2357	2362	rBV	34178	44093	5.95%	0.428%
83	16.209	2397	2401	2409	rVB10	28341	44481	6.01%	0.432%
84	16.974	2526	2531	2539	rVB2	49205	98314	13.27%	0.954%
85	17.157	2557	2562	2567	rBV4	16898	25617	3.46%	0.249%
86	17.421	2603	2607	2612	rVB3	30642	54811	7.40%	0.532%

Sum of corrected areas: 10300834

LSC Report - Integrated Chromatogram

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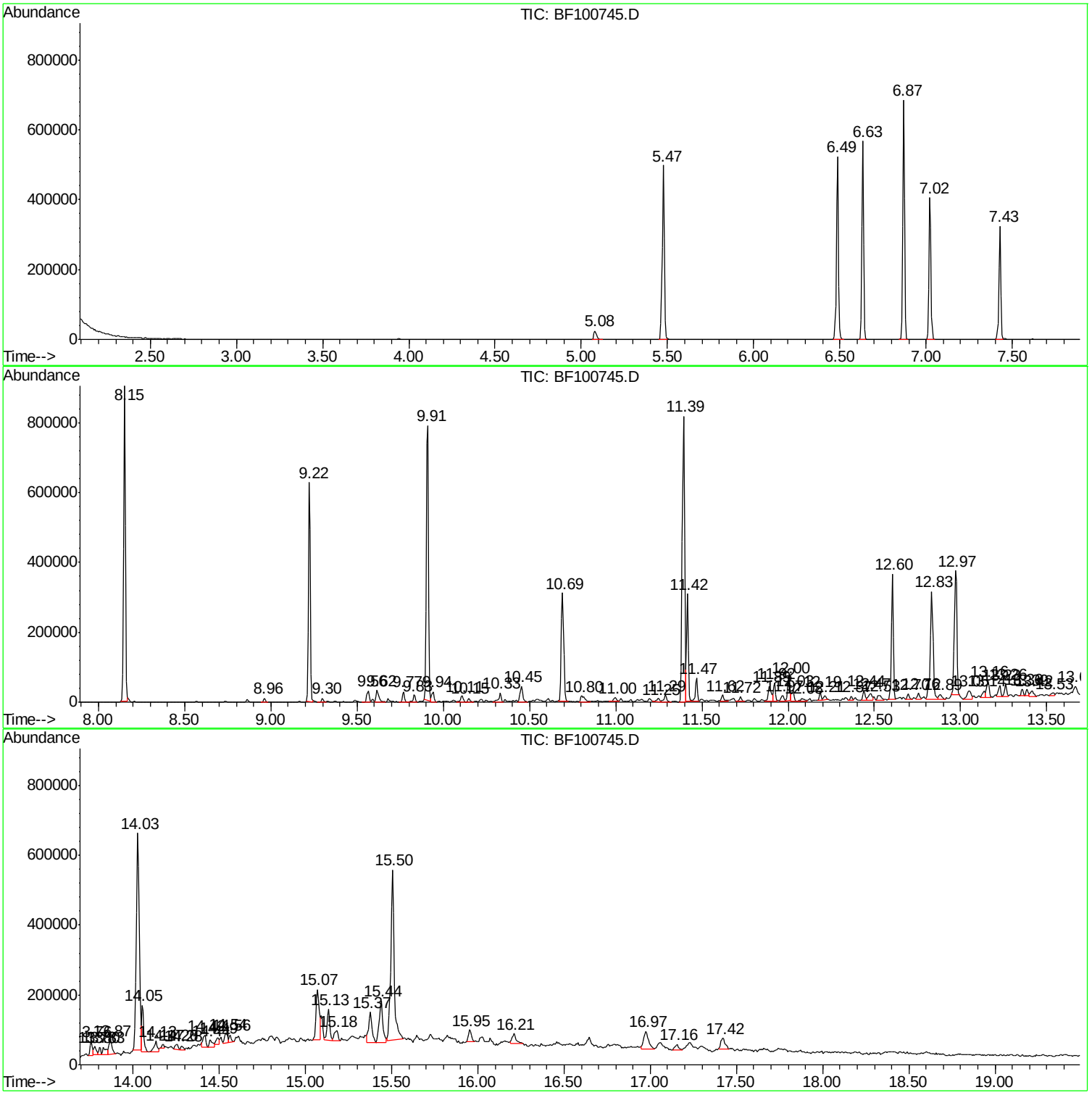
Instrument :
BNA_F
ClientSampleId :
CL-01-111617-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.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:\HPCHEM1\BNA F\DATA\BF112017\
Data File : BF100745.D
Acq On : 20 Nov 2017 22:07
Operator : SJ/JU
Sample : I6304-14 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-111617-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

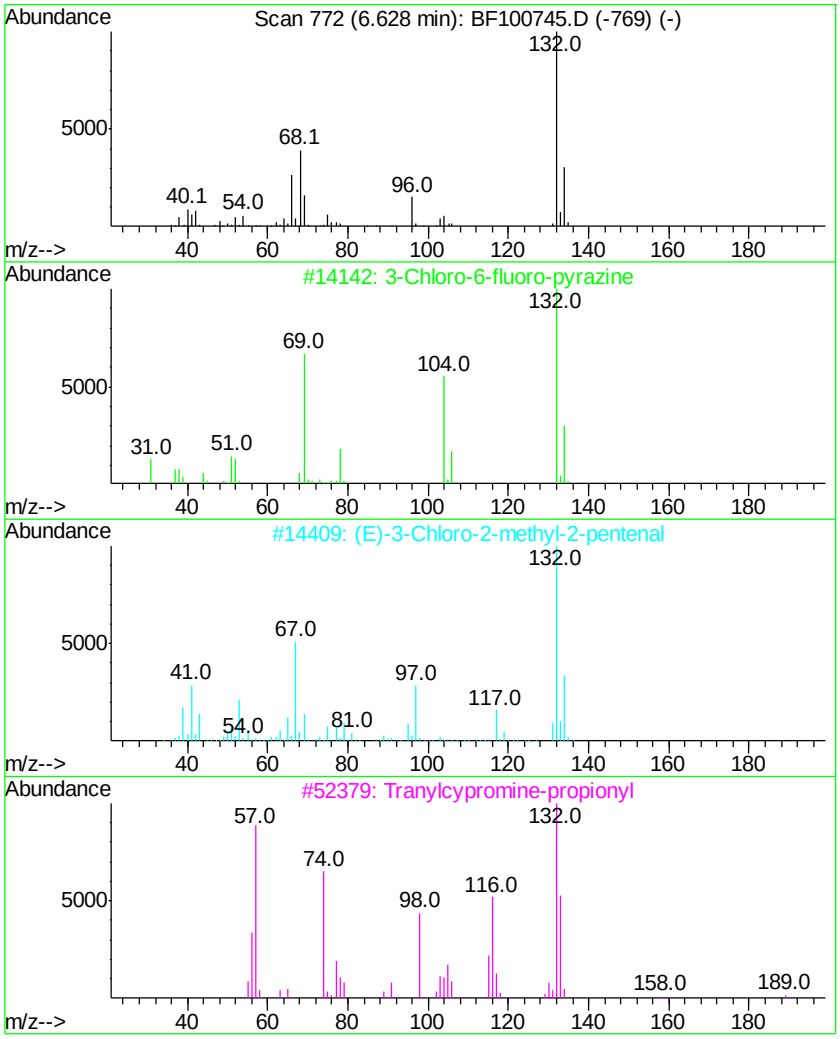
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

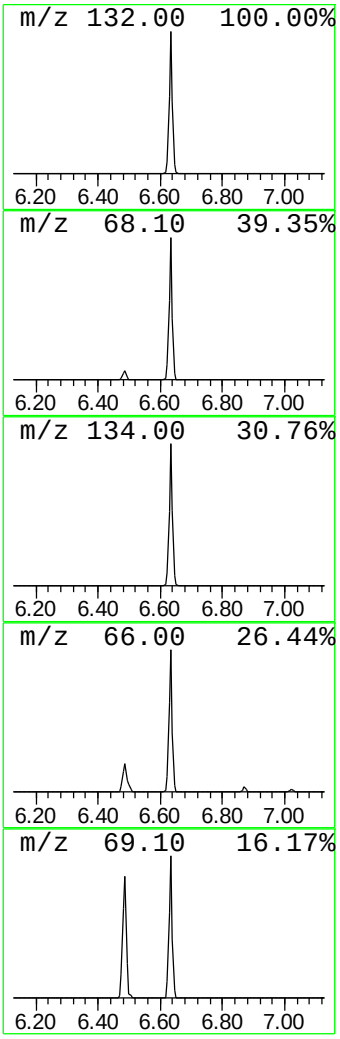
****

Peak Number 1 unknown6.63 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	16.40 ng	442471	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	35
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

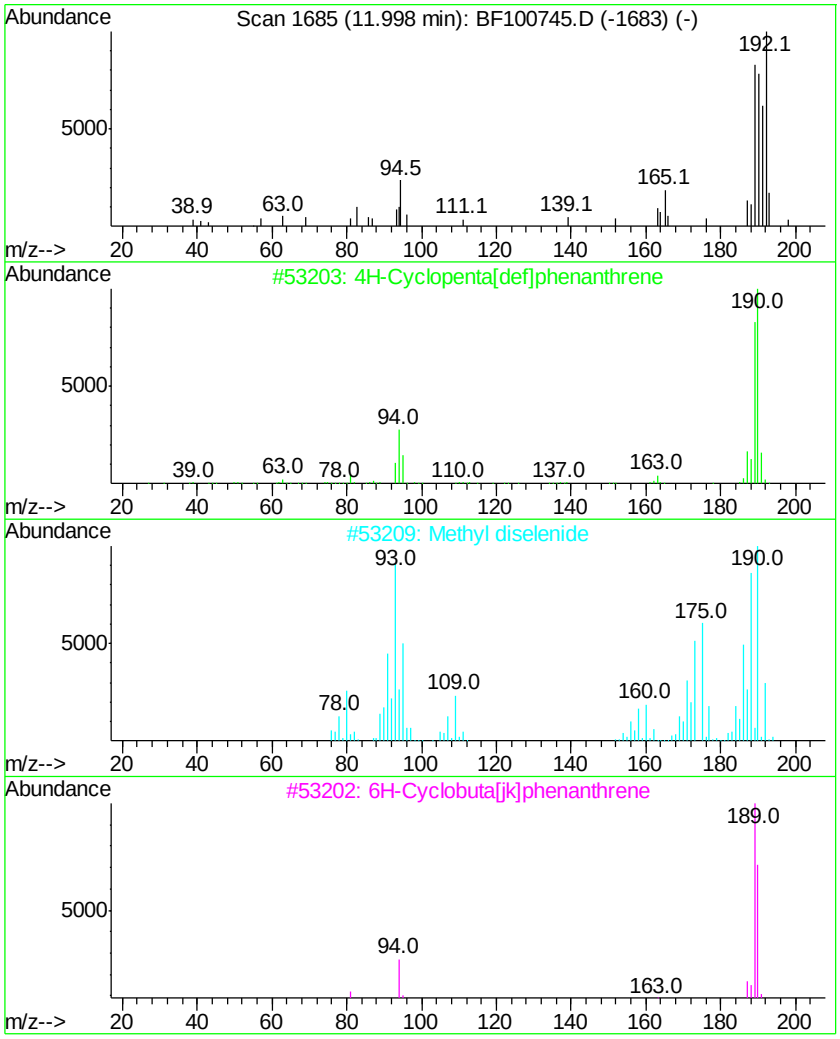
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

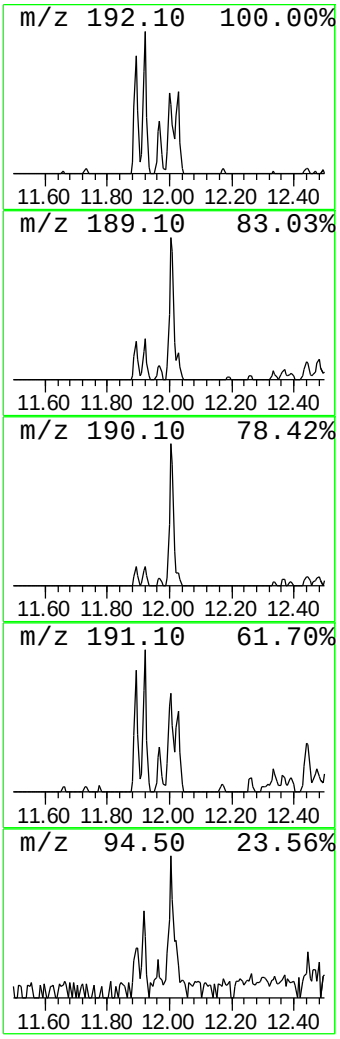
****

Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	2.05 ng	69732	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	Methyl diselenide	190	C2H6Se2	007101-31-7	45
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	42
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40
5	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	33





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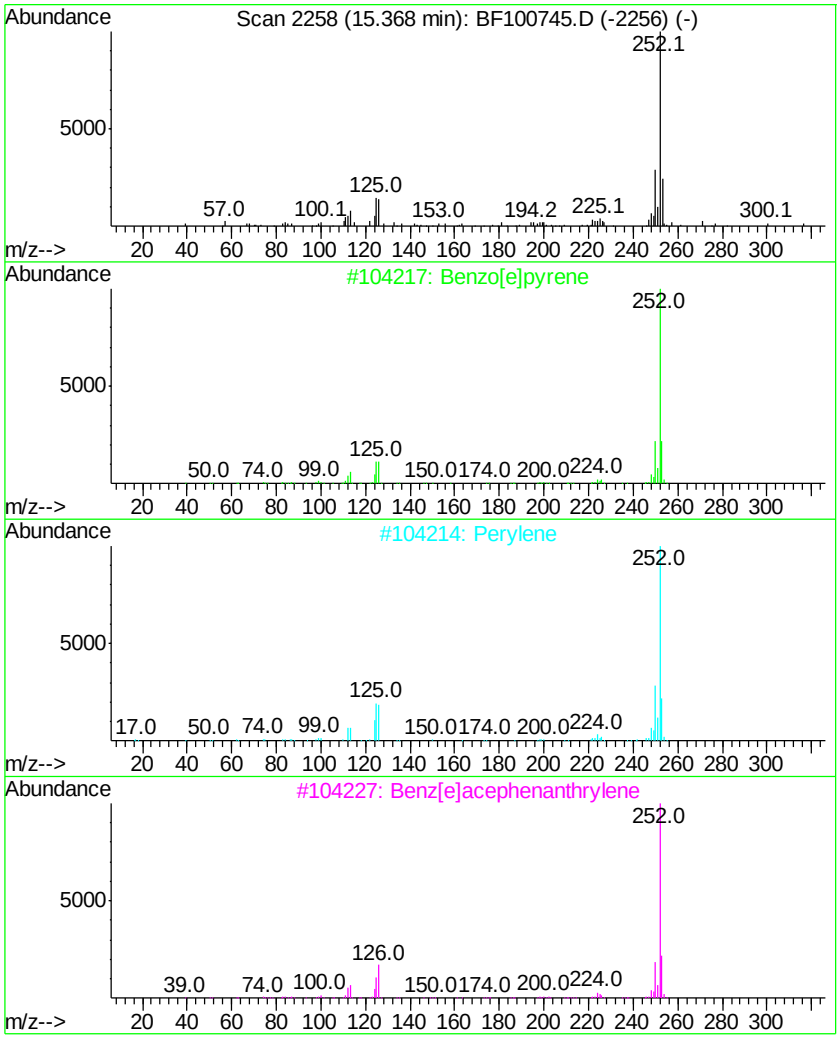
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

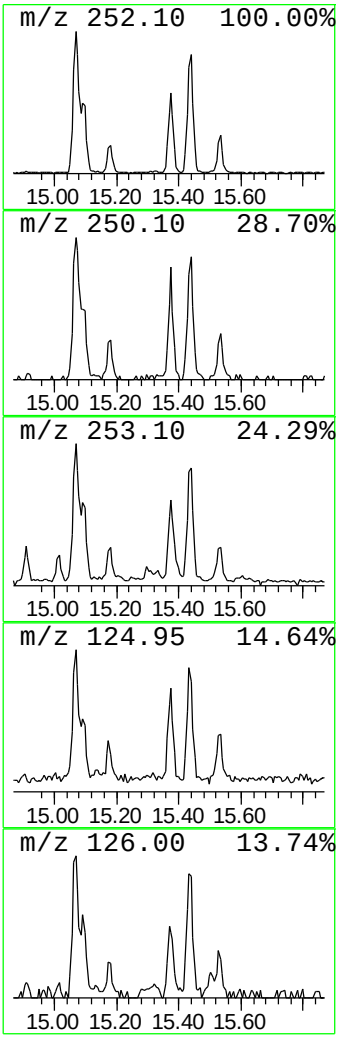
****

Peak Number 4 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.37	3.47 ng	115803	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	95
2	Perylene	252	C20H12	000198-55-0	94
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	89





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
unknown6.63	6.63	16.4	ng	442471	1	6.87	539621	20.0
4H-Cyclopenta[def...	12.00	2.0	ng	69732	4	11.39	681943	20.0
Benzo[e]pyrene	15.37	3.5	ng	115803	6	15.50	667270	20.0