LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100717\
Data File : BF099206.D
Acq On : 7 Oct 2017 20:49
Operator : SJ/JU
Sample : I5586-09 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G54A-0-3.5

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:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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	5.075	506	508	516	rBV	33648	35717	4.25%	0.394%
2	5.481	573	577	586	rVB	194865	190418	22.66%	2.099%
3	6.492	745	749	762	rVB	206564	213880	25.45%	2.358%
4	6.634	769	773	780	rVB	262497	213358	25.39%	2.352%
5	6.863	809	812	816	rBV	797838	679467	80.86%	7.491%
6	7.022	835	839	842	rBV	200146	175446	20.88%	1.934%
7	7.422	904	907	911	rBV	128725	110220	13.12%	1.215%
8	8.145	1026	1030	1034	rBV	996005	840249	100.00%	9.264%
9	8.857	1147	1151	1157	rVB	12575	12086	1.44%	0.133%
10	8.957	1164	1168	1172	rBV	12385	9969	1.19%	0.110%
11	9.216	1209	1212	1219	rBV	277706	224436	26.71%	2.474%
12	9.492	1254	1259	1262	rBV	11718	11141	1.33%	0.123%
13	9.557	1265	1270	1273	rBV2	10715	9956	1.18%	0.110%
14	9.610	1276	1279	1282	rVB	32209	27556	3.28%	0.304%
15	9.763	1302	1305	1308	rBV	16995	13457	1.60%	0.148%
16	9.904	1325	1329	1332	rBV	841629	759085	90.34%	8.369%
17	9.933	1332	1334	1338	rVB	49115	39398	4.69%	0.434%
18	10.104	1361	1363	1367	rVB	26321	21946	2.61%	0.242%
19	10.322	1392	1400	1403	rVB3	11437	13986	1.66%	0.154%
20	10.451	1418	1422	1428	rVB	50612	49261	5.86%	0.543%
21	10.686	1459	1462	1467	rBV	64119	61390	7.31%	0.677%
22	10.804	1477	1482	1486	rBV4	14165	22779	2.71%	0.251%
23	10.998	1509	1515	1517	rBV2	10723	12939	1.54%	0.143%
24	11.198	1545	1549	1552	rBV	21260	19934	2.37%	0.220%
25	11.239	1553	1556	1559	rVV3	13944	15302	1.82%	0.169%
26	11.286	1559	1564	1569	rVB	34993	33097	3.94%	0.365%
27	11.392	1578	1582	1584	rBV	727363	714797	85.07%	7.881%
28	11.416	1584	1586	1589	rVV	607223	476172	56.67%	5.250%
29	11.463	1589	1594	1597	rVB2	36835	41046	4.88%	0.453%
30	11.622	1614	1621	1627	rBV2	66811	81747	9.73%	0.901%
31	11.722	1635	1638	1642	rVB4	10367	12276	1.46%	0.135%
32	11.886	1664	1666	1669	rBV	48261	46699	5.56%	0.515%
33	11.916	1669	1671	1676	rVB	72152	61157	7.28%	0.674%
34	12.004	1682	1686	1688	rBV2	89264	88051	10.48%	0.971%

LSC Area Percent Report

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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
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Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.022	1688	1689	1693	rVB	29079	21057	2.51%	0.232%
36	12.075	1695	1698	1699	rBV3	12627	11973	1.42%	0.132%
37	12.186	1713	1717	1719	rBV	50808	47654	5.67%	0.525%
38	12.210	1719	1721	1727	rVB	97811	86845	10.34%	0.957%
39	12.333	1737	1742	1744	rBV2	16164	18627	2.22%	0.205%
40	12.363	1744	1747	1749	rVV4	10961	9991	1.19%	0.110%
41	12.439	1756	1760	1761	rBV	18873	18096	2.15%	0.200%
42	12.463	1761	1764	1768	rVV4	15626	25504	3.04%	0.281%
43	12.527	1771	1775	1779	rBV2	43664	42392	5.05%	0.467%
44	12.604	1784	1788	1791	rBV	858103	723727	86.13%	7.979%
45	12.663	1797	1798	1801	rVB2	20073	13784	1.64%	0.152%
46	12.698	1801	1804	1806	rBV	14811	12784	1.52%	0.141%
47	12.733	1806	1810	1811	rBV3	18152	20016	2.38%	0.221%
48	12.757	1811	1814	1816	rVB	16720	18288	2.18%	0.202%
49	12.833	1824	1827	1833	rVB	591374	556578	66.24%	6.136%
50	12.874	1833	1834	1839	rVB2	28118	31236	3.72%	0.344%
51	12.969	1844	1850	1852	rBV2	217695	218451	26.00%	2.408%
52	12.992	1852	1854	1857	rVB	30134	26887	3.20%	0.296%
53	13.051	1859	1864	1867	rBV3	30154	45887	5.46%	0.506%
54	13.133	1875	1878	1879	rBV3	24996	22067	2.63%	0.243%
55	13.157	1879	1882	1885	rVB	51862	52622	6.26%	0.580%
56	13.221	1891	1893	1896	rVB	27379	23854	2.84%	0.263%
57	13.263	1896	1900	1902	rBV2	42440	45835	5.45%	0.505%
58	13.357	1913	1916	1918	rBV	16167	17289	2.06%	0.191%
59	13.386	1919	1921	1923	rBV2	14173	12281	1.46%	0.135%
60	13.445	1928	1931	1933	rVV	39753	32668	3.89%	0.360%
61	13.669	1966	1969	1973	rVB	45334	47121	5.61%	0.520%
62	13.774	1985	1987	1990	rVB2	39327	34932	4.16%	0.385%
63	13.804	1990	1992	1994	rBV	27901	22038	2.62%	0.243%
64	13.874	2002	2004	2007	rVB	54054	46564	5.54%	0.513%
65	14.027	2026	2030	2033	rBV	693505	720069	85.70%	7.939%
66	14.051	2033	2034	2042	rVB	148418	133048	15.83%	1.467%
67	15.074	2205	2208	2214	rVB	67370	105136	12.51%	1.159%
68	15.510	2277	2282	2287	rBV	356722	466306	55.50%	5.141%

Sum of corrected areas: 9070025

LSC Report - Integrated Chromatogram

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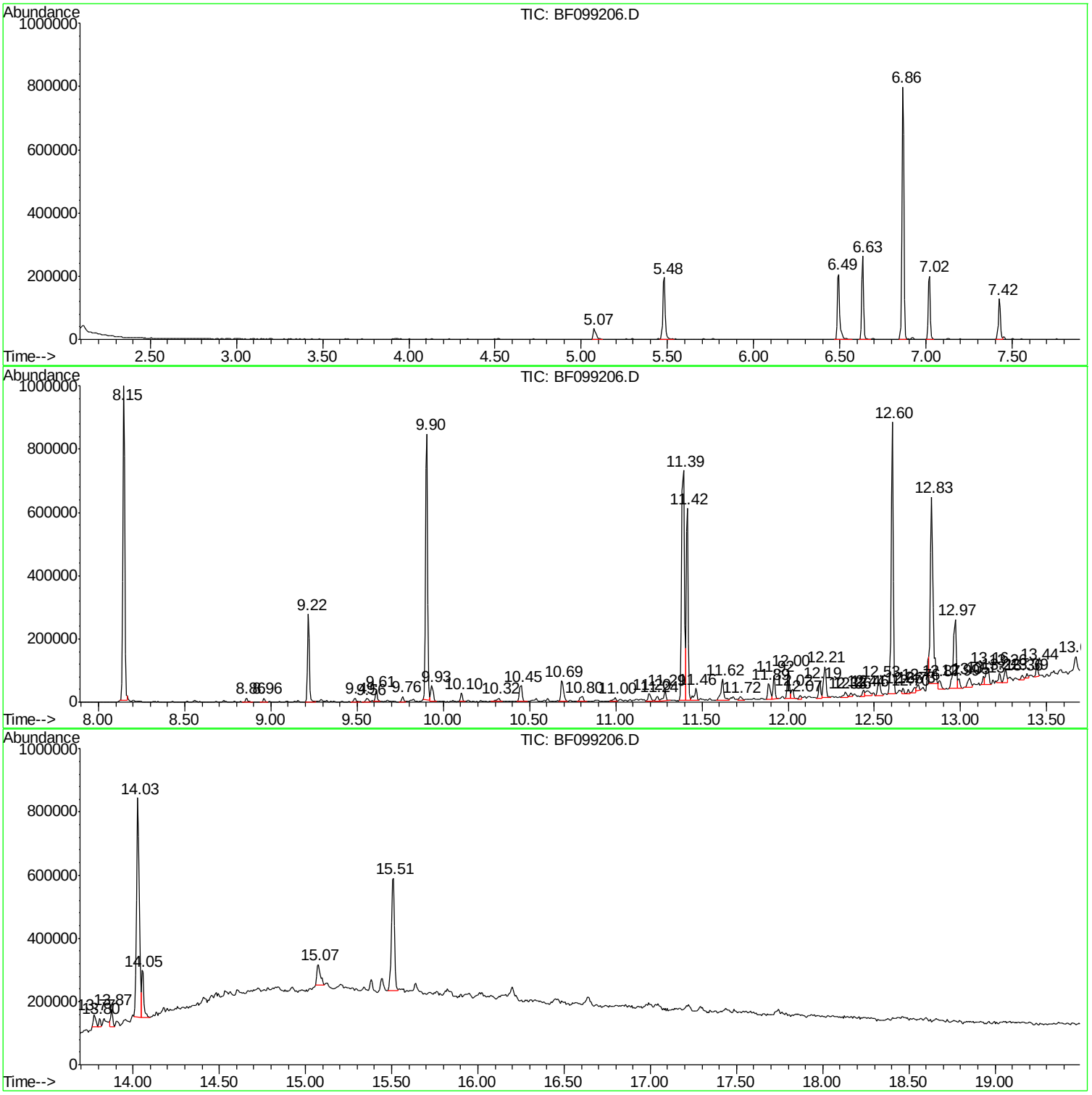
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G54A-0-3.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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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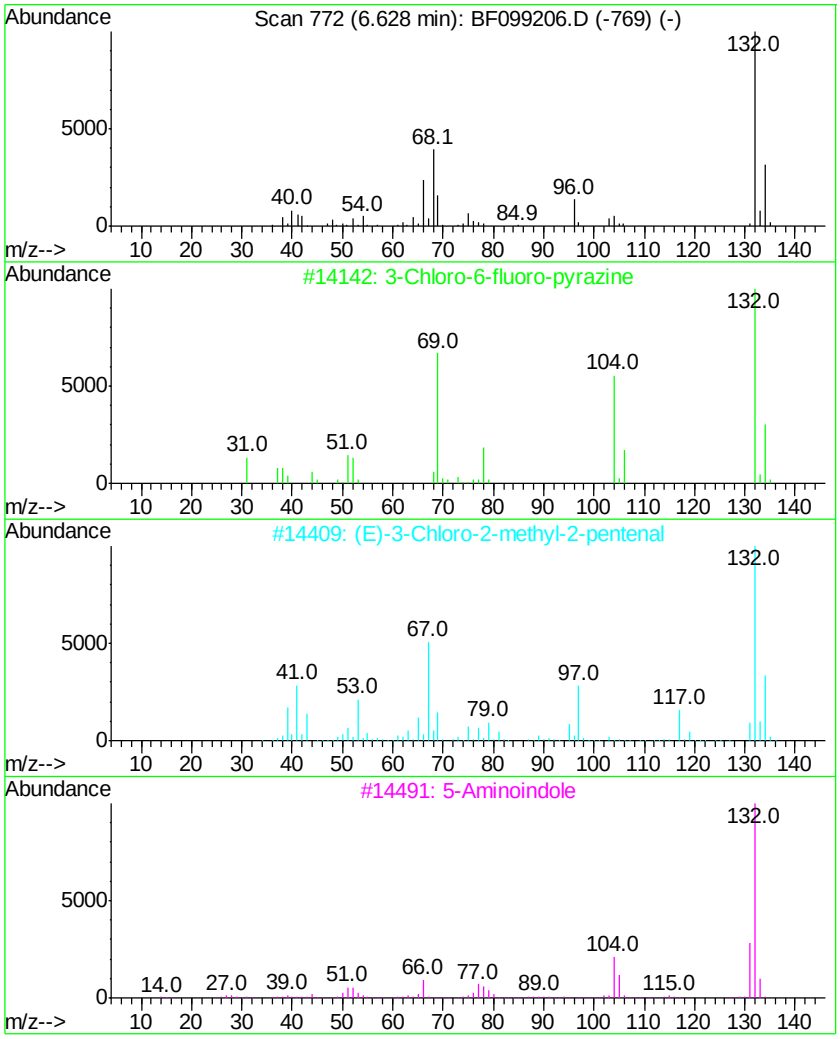
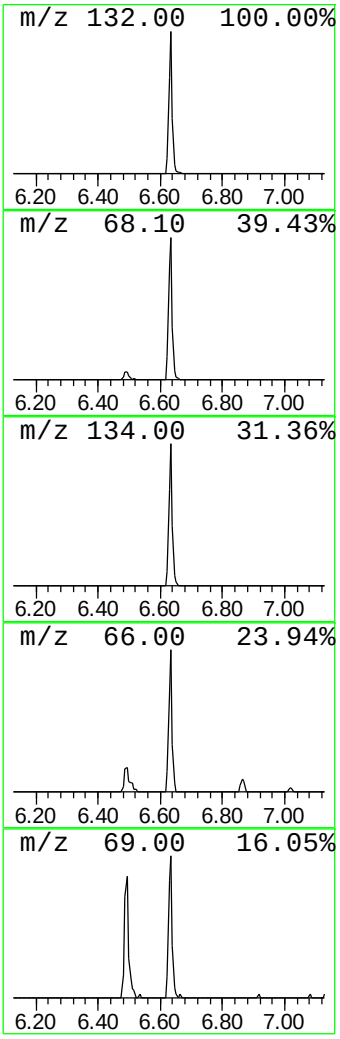
****

Peak Number 1 unknown6.63 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	6.28 ng	213358	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3	5-Aminoindole	132	C8H8N2	005192-03-0	10
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





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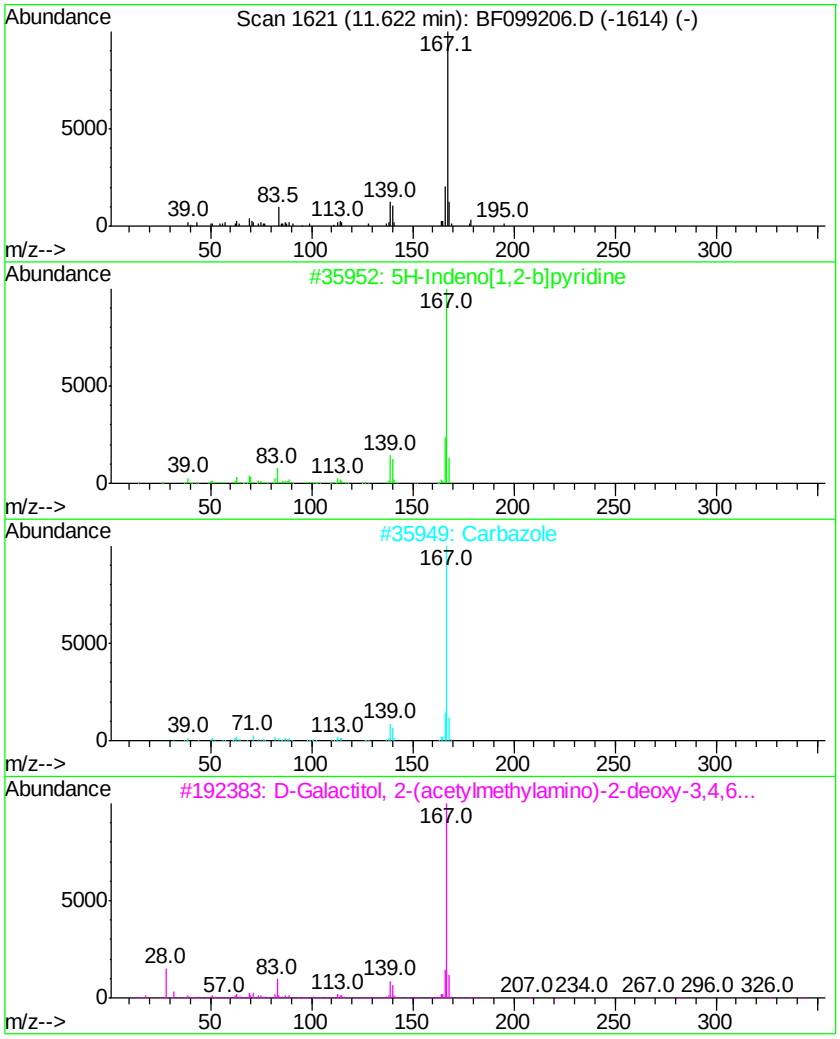
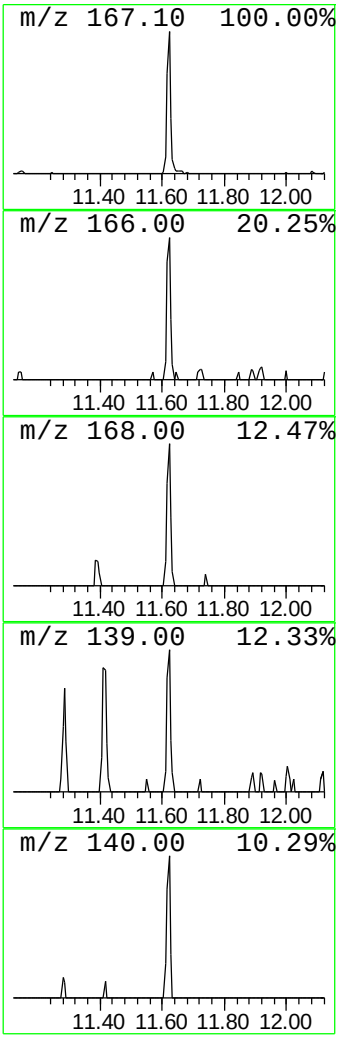
Peak Number 3 5H-Indeno[1,2-b]pyridine Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.62	2.29 ng	81747	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	95
2	Carbazole	167	C12H9N	000086-74-8	93
3	D-Galactitol, 2-(acetylmethylami...	363	C16H29NO8	074410-42-7	83
4	9H-Carbazole, 9-nitroso-	196	C12H8N2O	002788-23-0	80
5	2-Azafluorene	167	C12H9N	000244-40-6	72





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Instrument : BNA_F
ClientSampleId : G54A-0-3.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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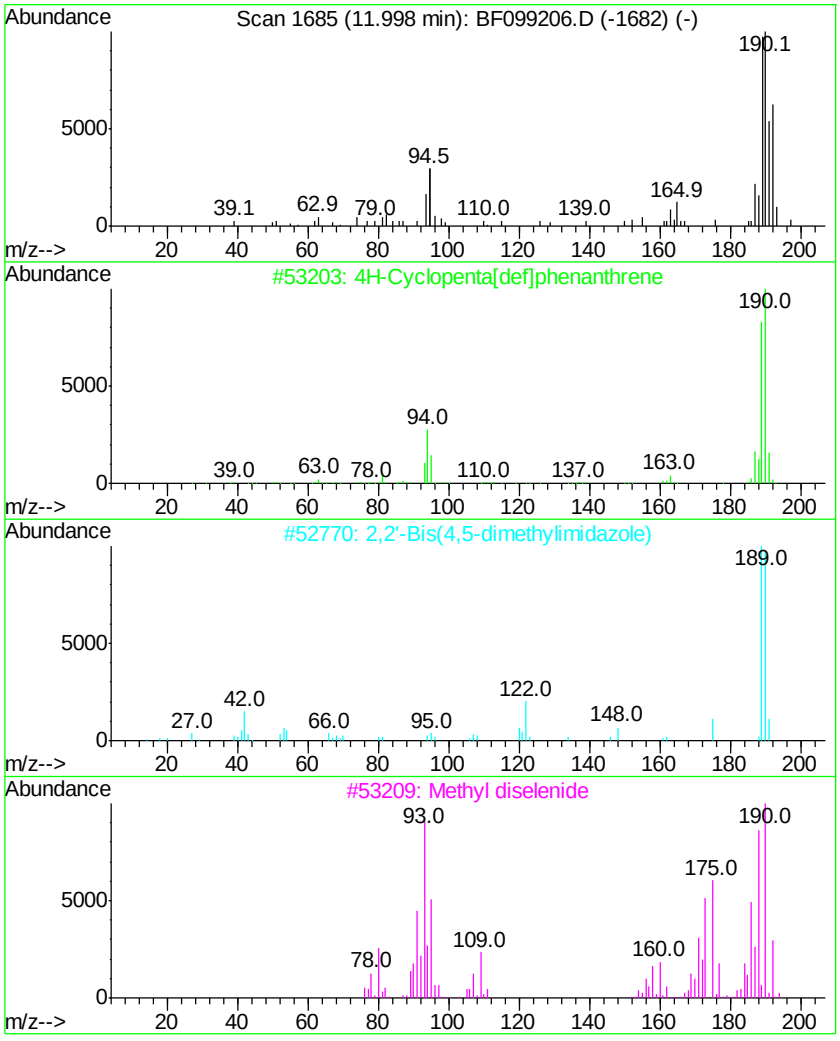
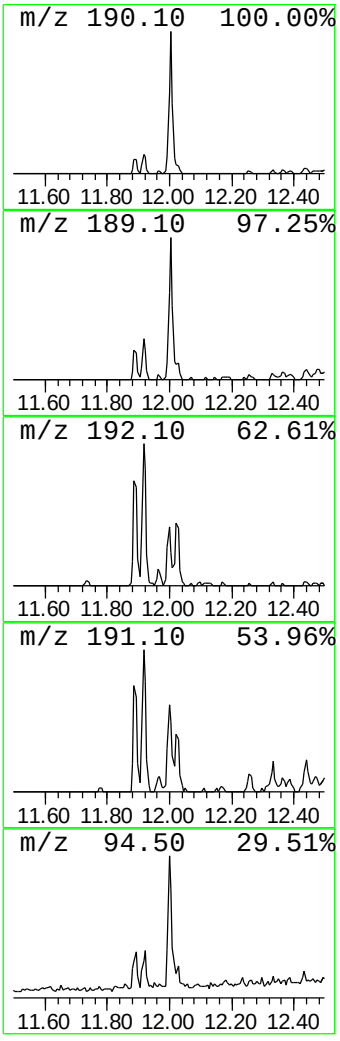
Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	2.46 ng	88051	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	50
3	Methyl diselenide	190	C2H6Se2	007101-31-7	49
4	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	40
5	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	25





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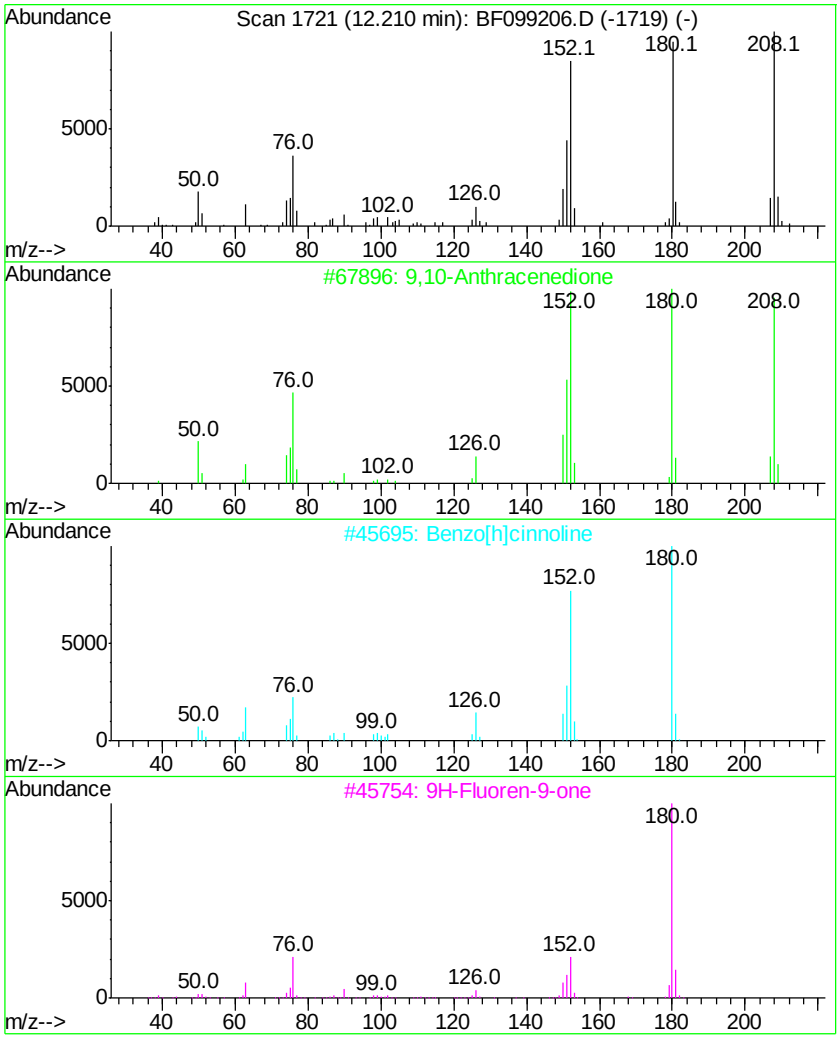
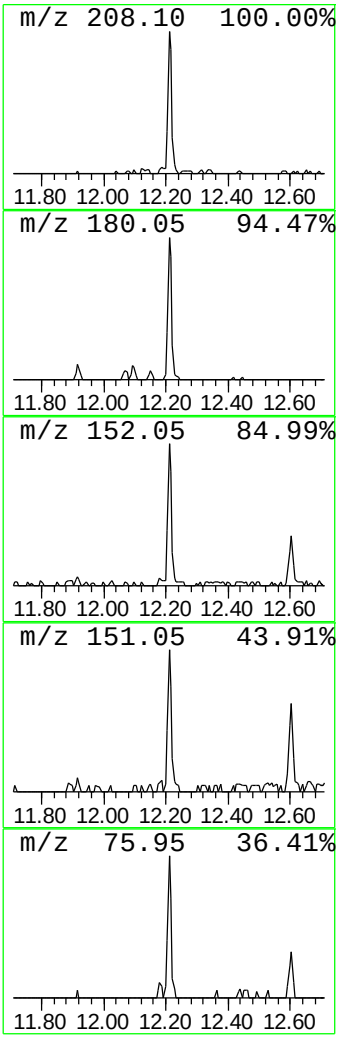
Peak Number 5 9,10-Anthracenedione Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.21	2.43 ng	86845	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	83
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	64
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	60





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	6.3	ng	213358	1	6.86	679467	20.0
5H-Indeno[1,2-b]p...	11.62	2.3	ng	81747	4	11.39	714797	20.0
4H-Cyclopenta[def...	12.00	2.5	ng	88051	4	11.39	714797	20.0
9,10-Anthracenedione	12.21	2.4	ng	86845	4	11.39	714797	20.0