LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101017\
Data File : BF099322.D
Acq On : 11 Oct 2017 1:37
Operator : SJ/JU
Sample : I5748-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-100617-A

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	505	508	518	rBV	58986	66489	8.94%	0.719%
2	5.475	573	576	590	rBV	486655	464674	62.47%	5.022%
3	6.486	745	748	763	rBV	486954	451092	60.65%	4.875%
4	6.633	769	773	776	rBV	535047	485548	65.28%	5.247%
5	6.863	809	812	816	rBV	649149	519348	69.82%	5.612%
6	7.016	835	838	842	rBV	438950	375118	50.43%	4.054%
7	7.422	904	907	914	rBV	297633	254293	34.19%	2.748%
8	8.145	1026	1030	1033	rBV	793418	624315	83.93%	6.747%
9	9.216	1209	1212	1222	rBV	570684	456138	61.32%	4.929%
10	9.557	1266	1270	1273	rBV	12410	11797	1.59%	0.127%
11	9.610	1276	1279	1285	rVB	62150	53672	7.22%	0.580%
12	9.763	1300	1305	1308	rBV	28076	23382	3.14%	0.253%
13	9.898	1325	1328	1332	rBV2	660816	557592	74.96%	6.026%
14	9.933	1332	1334	1337	rVB	15265	13167	1.77%	0.142%
15	10.104	1359	1363	1367	rVB2	8970	9581	1.29%	0.104%
16	10.321	1394	1400	1402	rBV3	11259	16112	2.17%	0.174%
17	10.445	1418	1421	1426	rVB2	20219	22430	3.02%	0.242%
18	10.686	1459	1462	1469	rBV	213358	188462	25.34%	2.037%
19	10.792	1476	1480	1488	rVB6	12728	21567	2.90%	0.233%
20	10.992	1507	1514	1517	rBV3	10153	13768	1.85%	0.149%
21	11.239	1553	1556	1558	rBV2	9304	9304	1.25%	0.101%
22	11.286	1562	1564	1567	rVB	12691	9747	1.31%	0.105%
23	11.386	1578	1581	1584	rBV	619756	549286	73.85%	5.936%
24	11.410	1584	1585	1589	rVV	197713	128931	17.33%	1.393%
25	11.463	1591	1594	1597	rVB	50312	38922	5.23%	0.421%
26	11.621	1617	1621	1625	rBV3	10260	11323	1.52%	0.122%
27	11.721	1633	1638	1643	rBV3	13052	13886	1.87%	0.150%
28	11.886	1663	1666	1669	rBV	50582	46538	6.26%	0.503%
29	11.916	1669	1671	1676	rVB	65278	53711	7.22%	0.580%
30	11.963	1676	1679	1682	rBV	23557	21764	2.93%	0.235%
31	11.998	1682	1685	1688	rVV2	68624	85643	11.51%	0.926%
32	12.021	1688	1689	1693	rVB	46736	30775	4.14%	0.333%
33	12.180	1714	1716	1719	rBV	28788	24998	3.36%	0.270%
34	12.215	1719	1722	1726	rVB5	17754	19316	2.60%	0.209%

LSC Area Percent Report

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Operator : SJ/JU
Sample : I5748-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-100617-A

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

35	12.333	1740	1742	1744	rVB2	11902	8607	1.16%	0.093%
36	12.363	1744	1747	1749	rBV	18833	13964	1.88%	0.151%
37	12.386	1749	1751	1754	rVB	15102	11766	1.58%	0.127%
38	12.439	1756	1760	1762	rBV	46291	48508	6.52%	0.524%
39	12.474	1762	1766	1768	rVV3	29856	42436	5.71%	0.459%
40	12.527	1771	1775	1779	rBV3	26070	34086	4.58%	0.368%
41	12.604	1784	1788	1791	rBV	321112	307318	41.32%	3.321%
42	12.645	1792	1795	1796	rVB2	10818	7893	1.06%	0.085%
43	12.663	1796	1798	1801	rVB2	18920	13337	1.79%	0.144%
44	12.698	1801	1804	1807	rBV	16373	14629	1.97%	0.158%
45	12.757	1810	1814	1815	rBV2	14129	12424	1.67%	0.134%
46	12.774	1815	1817	1821	rVB4	15511	14214	1.91%	0.154%
47	12.833	1821	1827	1833	rBV	314635	358778	48.23%	3.877%
48	12.880	1833	1835	1838	rVB3	23466	23691	3.19%	0.256%
49	12.968	1838	1850	1853	rBV	510278	490564	65.95%	5.301%
50	13.045	1859	1863	1869	rBV4	34182	58132	7.82%	0.628%
51	13.104	1869	1873	1875	rBV4	11533	12347	1.66%	0.133%
52	13.157	1875	1882	1885	rBV2	70676	106920	14.37%	1.155%
53	13.221	1891	1893	1896	rVB	37121	29954	4.03%	0.324%
54	13.262	1896	1900	1903	rBV2	55403	60995	8.20%	0.659%
55	13.357	1913	1916	1918	rBV	40775	35522	4.78%	0.384%
56	13.386	1918	1921	1924	rVV	41873	37965	5.10%	0.410%
57	13.668	1966	1969	1973	rVB	33196	30525	4.10%	0.330%
58	13.727	1977	1979	1983	rBV	20488	23740	3.19%	0.257%
59	13.780	1983	1988	1990	rBV2	43139	63926	8.59%	0.691%
60	13.804	1990	1992	1995	rVB	24584	21149	2.84%	0.229%
61	13.874	2003	2004	2008	rVB	37693	28873	3.88%	0.312%
62	14.027	2025	2030	2033	rBV2	672529	743813	100.00%	8.038%
63	14.057	2033	2035	2042	rVB	145560	137760	18.52%	1.489%
64	15.074	2204	2208	2214	rBV	94240	181235	24.37%	1.959%
65	15.380	2257	2260	2266	rVB	62091	73747	9.91%	0.797%
66	15.445	2267	2271	2276	rBV	83560	112666	15.15%	1.218%
67	15.504	2277	2281	2285	rBV	325587	419439	56.39%	4.533%

Sum of corrected areas: 9253612

LSC Report - Integrated Chromatogram

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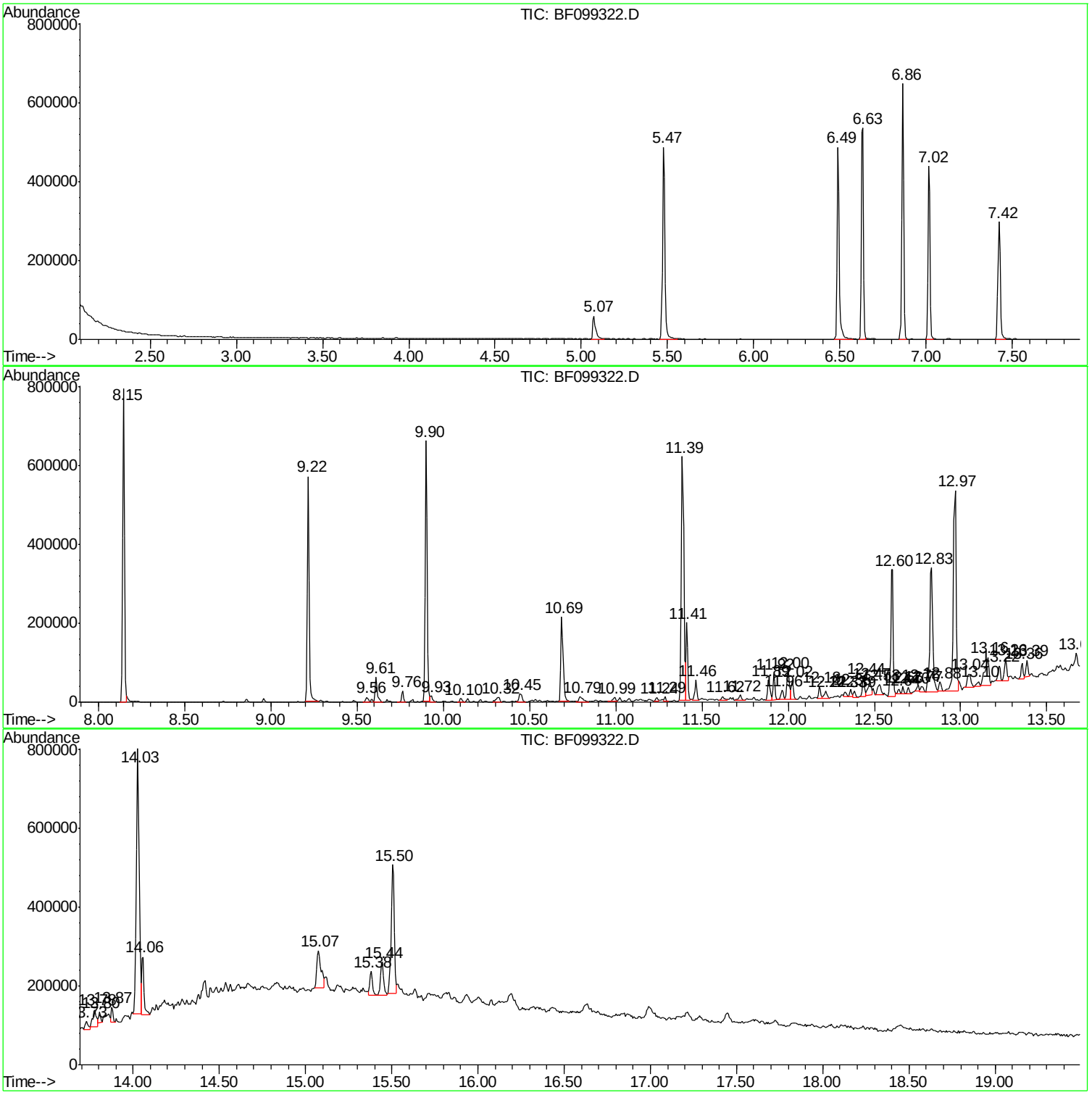
Data File : BF099322.D
Acq On : 11 Oct 2017 1:37
Operator : SJ/JU
Sample : I5748-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-100617-A

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101017\
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Acq On : 11 Oct 2017 1:37
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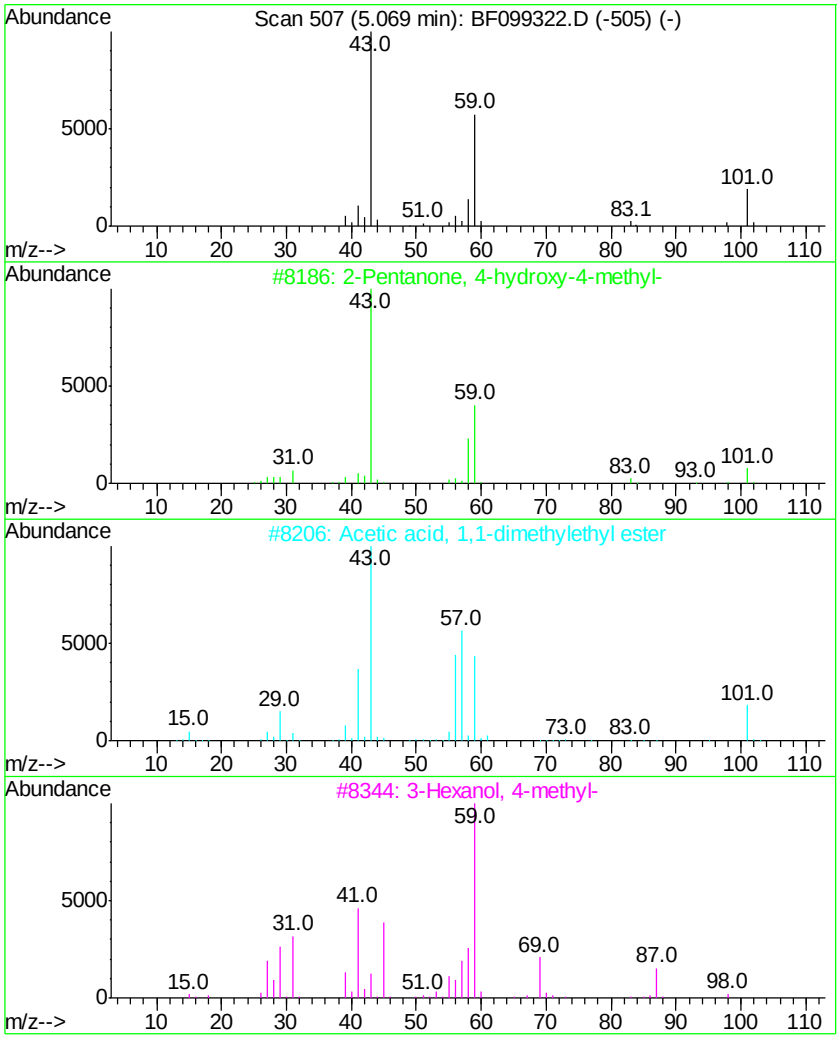
TIC Integration Parameters: LSCINT.P

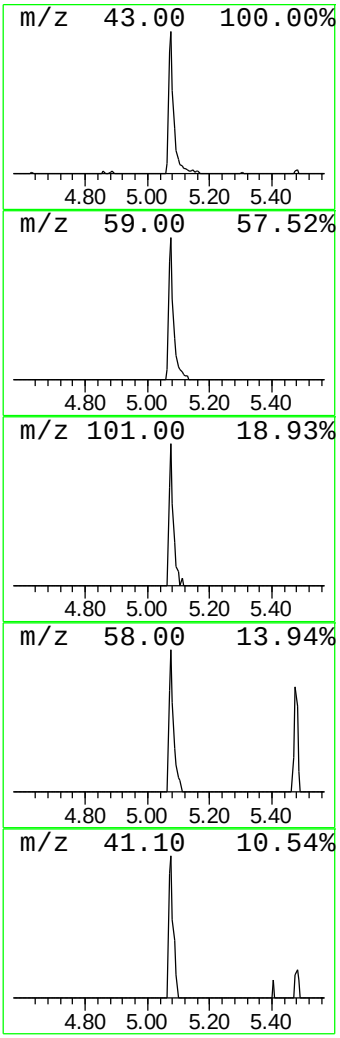
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.07	2.56 ng	66489	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	50
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





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

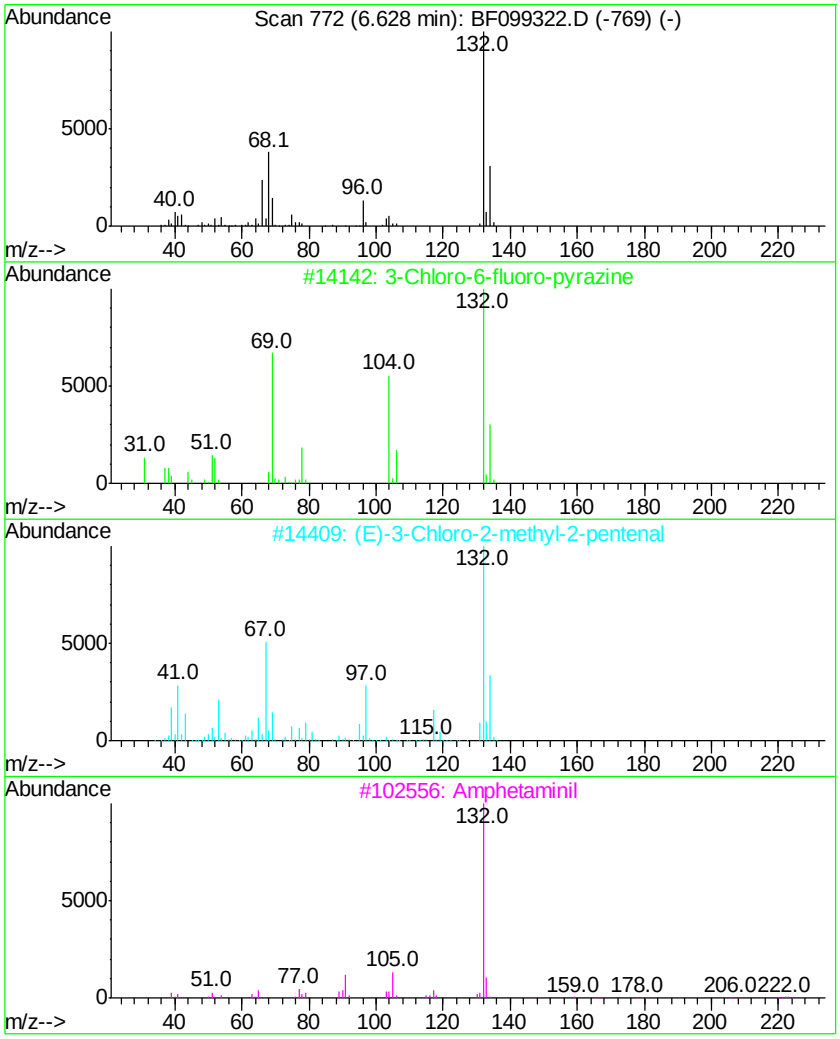
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

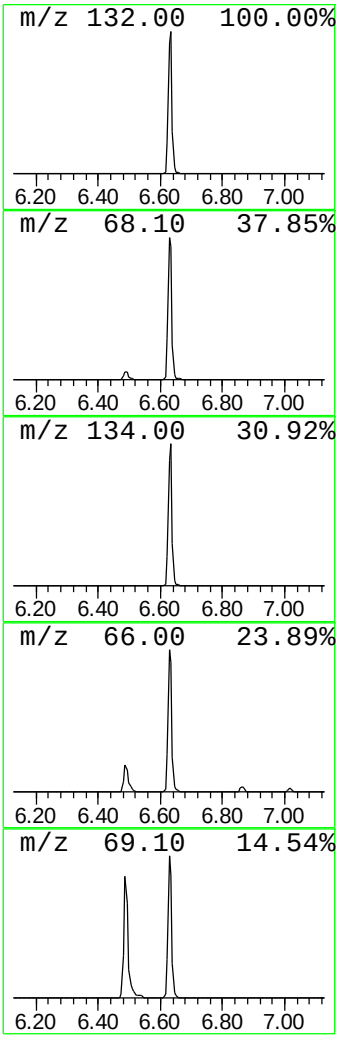
****

Peak Number 2 unknown6.63 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	18.70 ng	485548	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	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Amphetaminil	250	C17H18N2	017590-01-1	12
4	1-Aminoindan	133	C9H11N	034698-41-4	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





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

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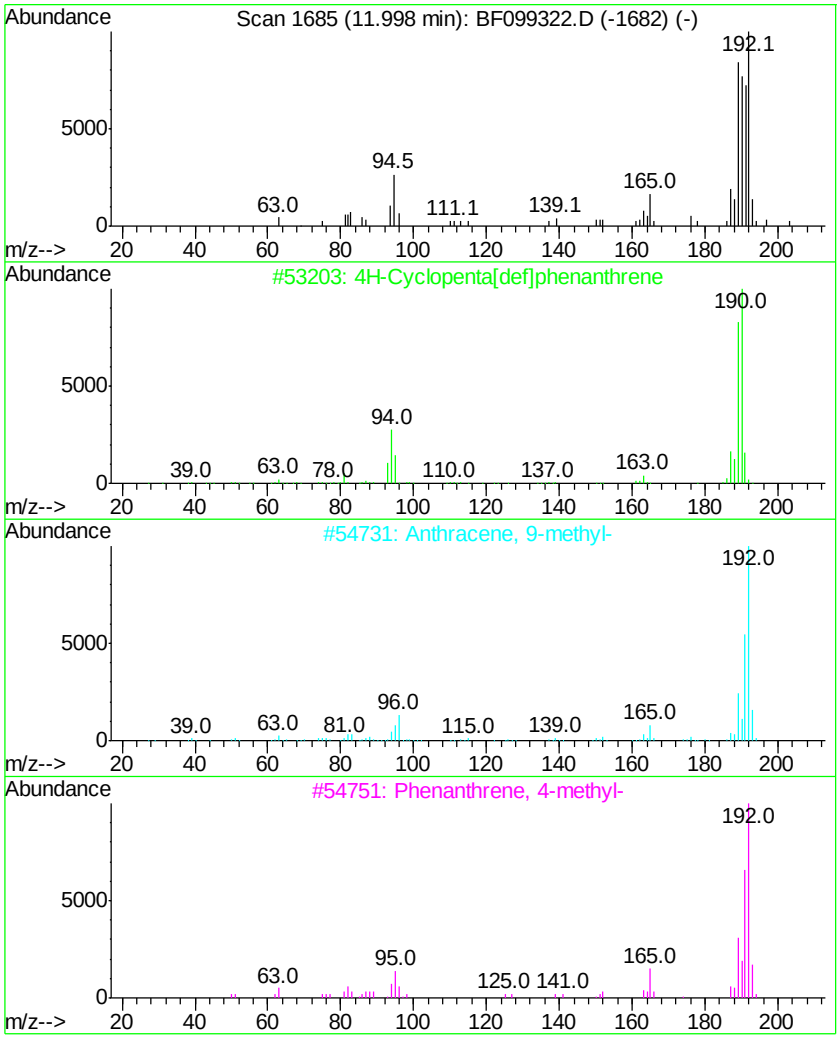
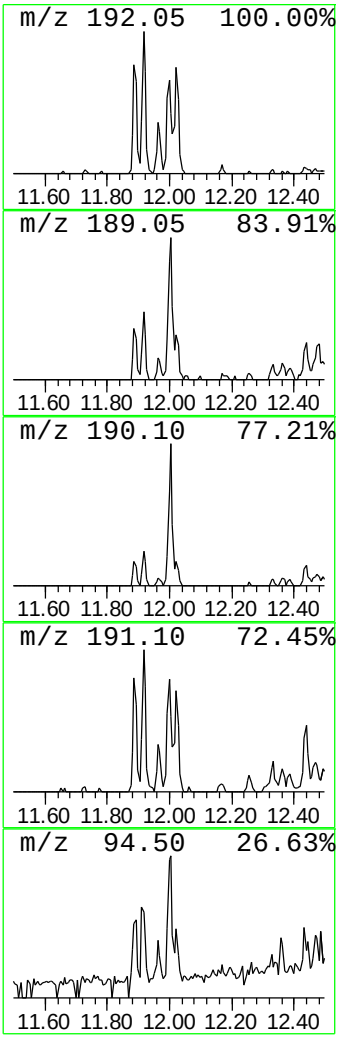
Peak Number 4 unknown12.00 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	3.12 ng	85643	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	46
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	46
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	46
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	46





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101017\
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Acq On : 11 Oct 2017 1:37
Operator : SJ/JU
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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-100617-A

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

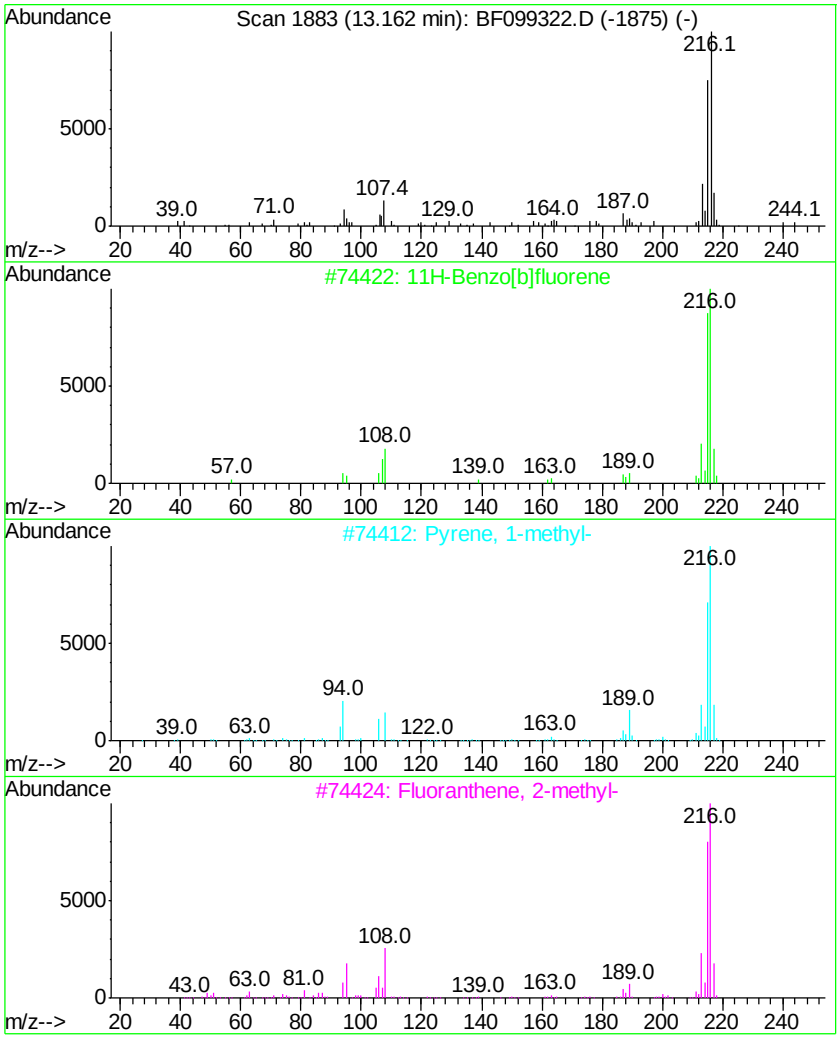
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

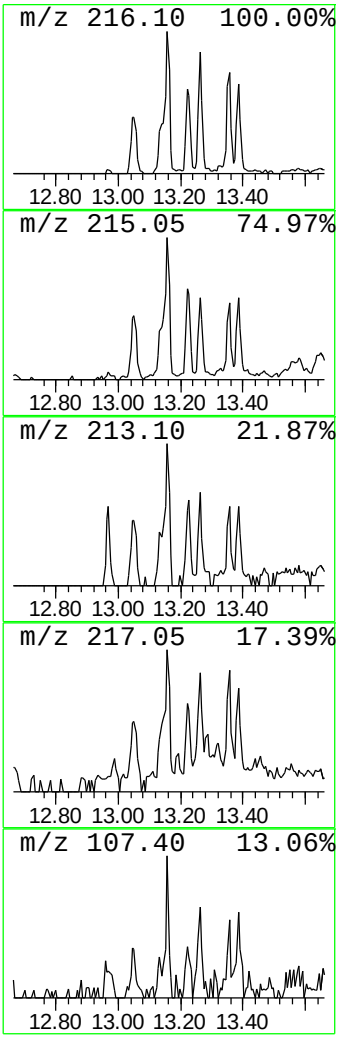
****

Peak Number 5 11H-Benzo[b]fluorene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.16	2.87 ng	106920	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	58





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Instrument : BNA_F
ClientSampleId : CL-01-100617-A

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

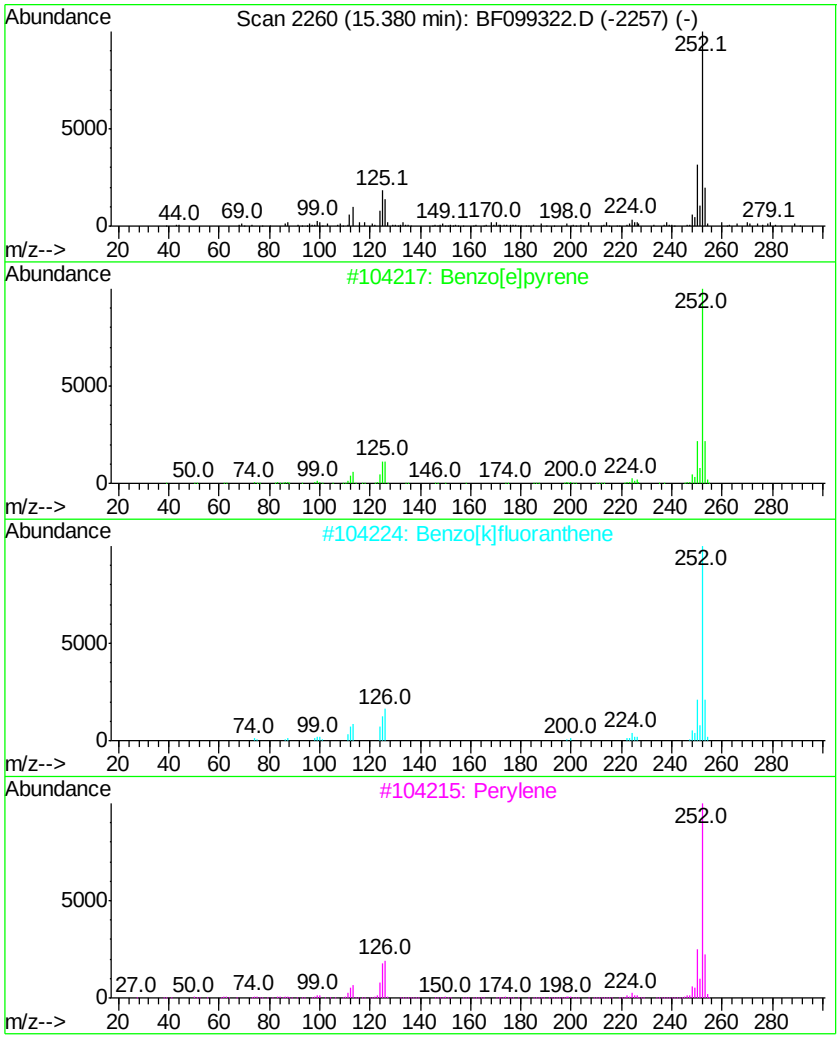
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

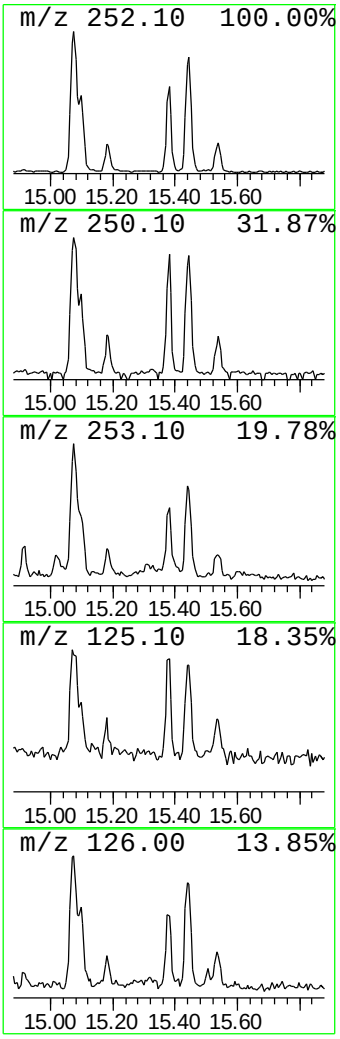
****

Peak Number 6 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.38	3.52 ng	73747	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	91
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	91
3	Perylene	252	C20H12	000198-55-0	91
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
5	Benzo[a]pyrene	252	C20H12	000050-32-8	80





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
2-Pentanone, 4-hy...	5.07	2.6	ng	66489	1	6.86	519348	20.0
unknown6.63	6.63	18.7	ng	485548	1	6.86	519348	20.0
unknown12.00	12.00	3.1	ng	85643	4	11.39	549286	20.0
11H-Benzo[b]fluorene	13.16	2.9	ng	106920	5	14.03	743813	20.0
Benzo[e]pyrene	15.38	3.5	ng	73747	6	15.50	419439	20.0