LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080317\
Data File : BF097332.D
Acq On : 3 Aug 2017 22:28
Operator : SJ/JU
Sample : I4541-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-220

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-BF072517.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	4.551	450	453	471	rBV	134469	187597	19.19%	1.646%
2	5.040	532	536	556	rBV	392572	602012	61.57%	5.281%
3	6.110	715	718	733	rBV	552772	683078	69.86%	5.992%
4	6.216	733	736	747	rVB	674685	665103	68.02%	5.834%
5	6.439	771	774	787	rBV	725656	706266	72.23%	6.196%
6	6.598	798	801	811	rBV	490785	450873	46.11%	3.955%
7	7.010	868	871	889	rBV	371730	403296	41.25%	3.538%
8	7.728	989	993	1003	rBV	1033879	929918	95.11%	8.158%
9	8.798	1172	1175	1185	rBV	803285	628230	64.25%	5.511%
10	9.198	1241	1243	1248	rBV	68933	62149	6.36%	0.545%
11	9.463	1285	1288	1292	rBV2	1089745	977738	100.00%	8.577%
12	9.498	1292	1294	1301	rVB	37773	35080	3.59%	0.308%
13	9.675	1321	1324	1329	rVB	11585	12387	1.27%	0.109%
14	9.922	1363	1366	1369	rVB	16890	12519	1.28%	0.110%
15	10.010	1379	1381	1388	rVB	27617	26554	2.72%	0.233%
16	10.251	1418	1422	1429	rBV	329453	309299	31.63%	2.713%
17	10.386	1442	1445	1448	rBV2	18754	17388	1.78%	0.153%
18	10.557	1470	1474	1477	rBV4	7476	11096	1.13%	0.097%
19	10.798	1512	1515	1517	rBV4	14154	12346	1.26%	0.108%
20	10.833	1517	1521	1524	rVV	24008	21818	2.23%	0.191%
21	10.939	1535	1539	1541	rBV	746451	726676	74.32%	6.375%
22	10.957	1541	1542	1547	rVV	220357	180315	18.44%	1.582%
23	11.016	1547	1552	1556	rVB	58306	57023	5.83%	0.500%
24	11.180	1575	1580	1583	rBV	16130	18617	1.90%	0.163%
25	11.257	1591	1593	1602	rVB5	8747	15075	1.54%	0.132%
26	11.439	1620	1624	1626	rBV	34663	29651	3.03%	0.260%
27	11.469	1626	1629	1631	rVV	40386	35342	3.61%	0.310%
28	11.516	1635	1637	1639	rVV	20266	17549	1.79%	0.154%
29	11.545	1639	1642	1645	rVV	53251	54178	5.54%	0.475%
30	11.569	1645	1646	1651	rVB2	22272	18174	1.86%	0.159%
31	11.627	1651	1656	1659	rBV7	6145	10815	1.11%	0.095%
32	11.663	1659	1662	1668	rVB5	10069	16535	1.69%	0.145%
33	11.733	1668	1674	1678	rBV	23728	31177	3.19%	0.273%
34	11.839	1689	1692	1695	rBV5	8036	13796	1.41%	0.121%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
ClientSampleId : VNJ-220

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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-BF072517.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.986	1714	1717	1719	rBV	24947	24848	2.54%	0.218%
36	12.021	1719	1723	1725	rVV5	11956	19226	1.97%	0.169%
37	12.074	1729	1732	1735	rVB3	20384	20474	2.09%	0.180%
38	12.139	1740	1743	1749	rBV	341849	306335	31.33%	2.687%
39	12.292	1765	1769	1772	rBV	17507	21069	2.15%	0.185%
40	12.363	1776	1781	1785	rBV	315784	305173	31.21%	2.677%
41	12.421	1788	1791	1797	rVB4	19030	26842	2.75%	0.235%
42	12.492	1800	1803	1804	rBV3	13561	14142	1.45%	0.124%
43	12.515	1804	1807	1810	rBV	458411	409939	41.93%	3.596%
44	12.592	1815	1820	1822	rBV5	21080	30515	3.12%	0.268%
45	12.692	1831	1837	1841	rVB2	39800	56871	5.82%	0.499%
46	12.763	1846	1849	1852	rBV2	31359	35706	3.65%	0.313%
47	12.798	1852	1855	1859	rBV	34839	38478	3.94%	0.338%
48	12.886	1868	1870	1873	rVB2	13602	11433	1.17%	0.100%
49	12.921	1874	1876	1878	rVB2	14791	11674	1.19%	0.102%
50	13.110	1906	1908	1912	rVB4	21817	26624	2.72%	0.234%
51	13.210	1923	1925	1928	rBV	18346	15621	1.60%	0.137%
52	13.315	1940	1943	1944	rBV2	19035	22004	2.25%	0.193%
53	13.421	1958	1961	1962	rBV	21678	24831	2.54%	0.218%
54	13.439	1962	1964	1968	rVB2	45066	47063	4.81%	0.413%
55	13.557	1979	1984	1987	rBV2	720366	775815	79.35%	6.806%
56	13.580	1987	1988	1992	rVB	128103	95271	9.74%	0.836%
57	13.945	2048	2050	2054	rVB2	30269	24920	2.55%	0.219%
58	14.204	2091	2094	2097	rBV	61433	56254	5.75%	0.493%
59	14.551	2149	2153	2162	rBV	134943	218440	22.34%	1.916%
60	14.798	2192	2195	2199	rVB	63369	66351	6.79%	0.582%
61	14.851	2200	2204	2207	rBV	101882	109034	11.15%	0.956%
62	14.898	2208	2212	2216	rBV	434748	482605	49.36%	4.234%
63	16.098	2413	2416	2420	rBV	37834	52717	5.39%	0.462%
64	16.451	2473	2476	2486	rVB2	32762	69570	7.12%	0.610%

Sum of corrected areas: 11399515

LSC Report - Integrated Chromatogram

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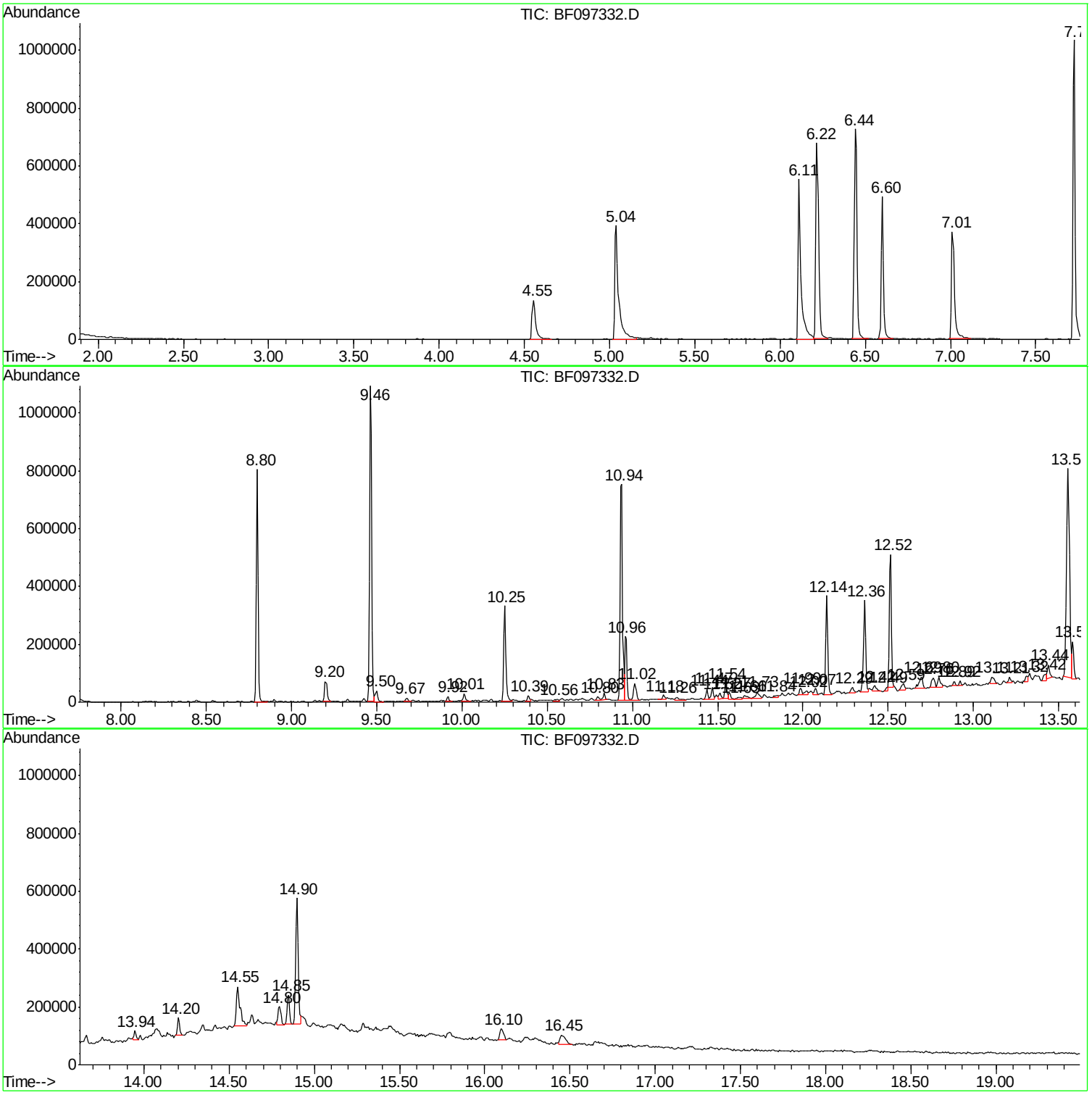
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-220

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.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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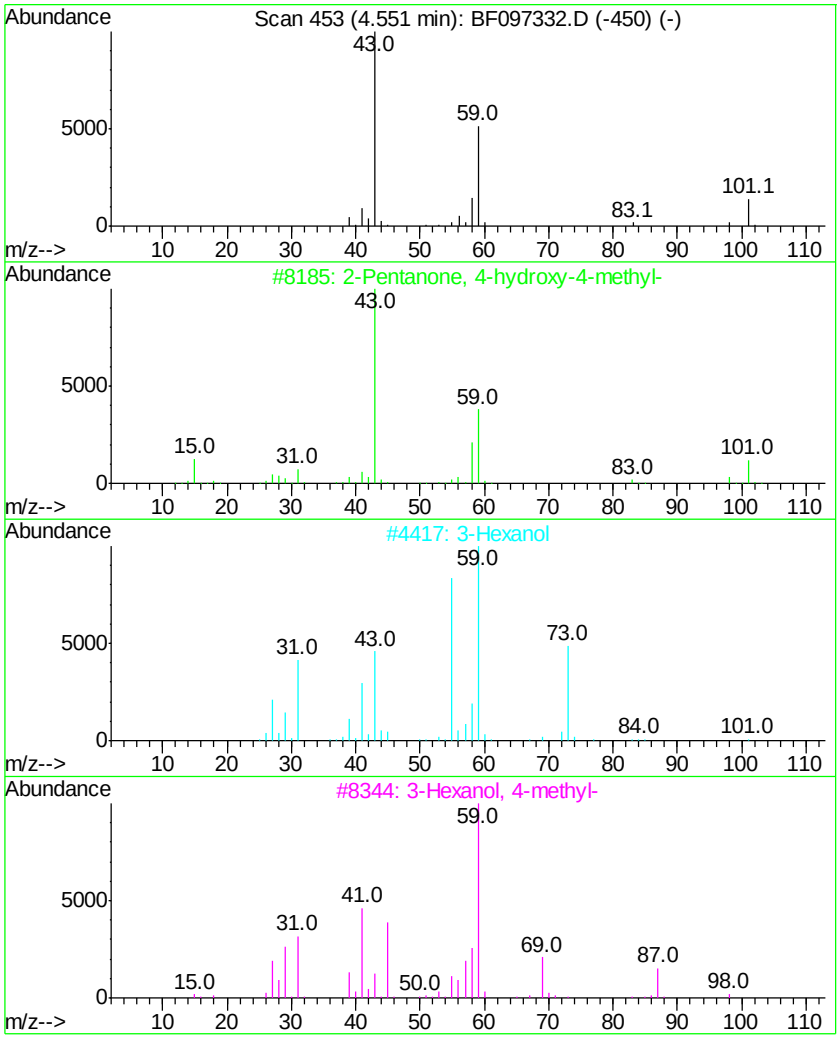
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

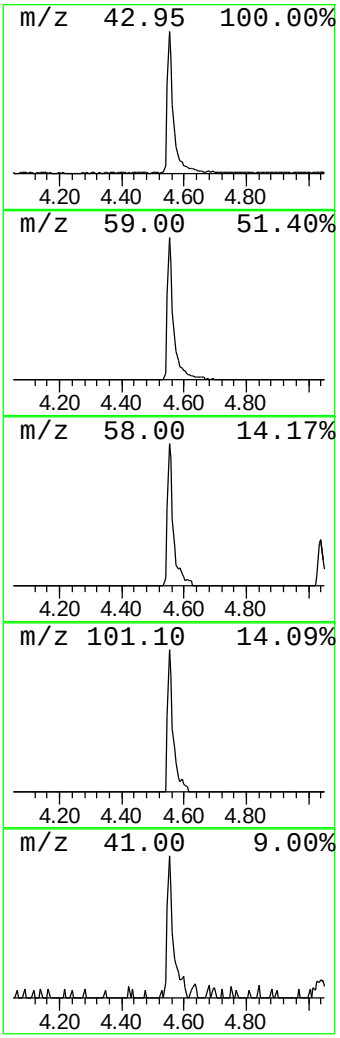
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.55	5.31 ng	187597	1,4-Dichlorobenzene-d4	6.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	3-Hexanol	102	C6H14O	000623-37-0	33
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25





Library Search Compound Report

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
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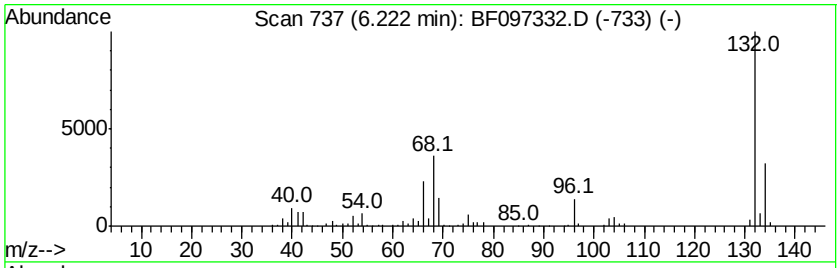
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

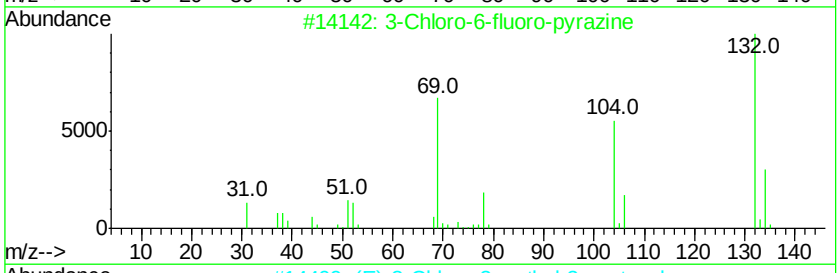
****

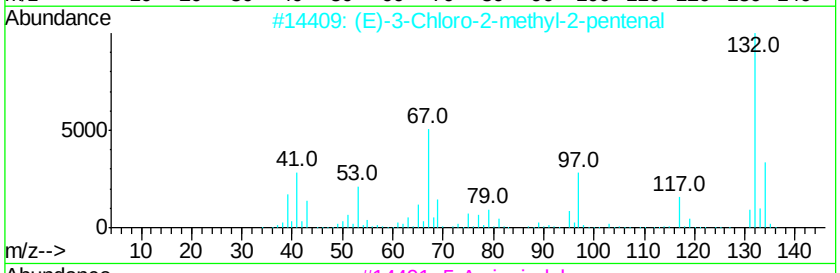
Peak Number 2 unknown6.22 Concentration Rank 1

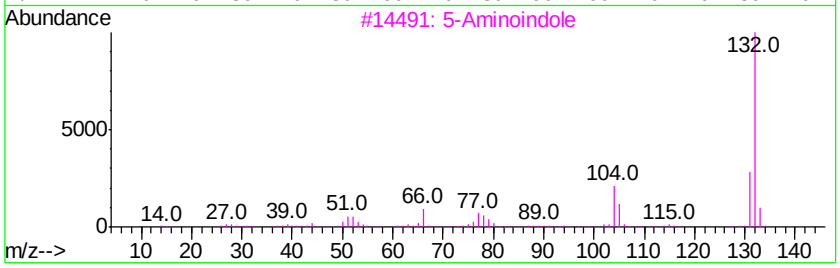
R.T.	EstConc	Area	Relative to ISTD	R.T.
6.22	18.83 ng	665103	1,4-Dichlorobenzene-d4	6.44

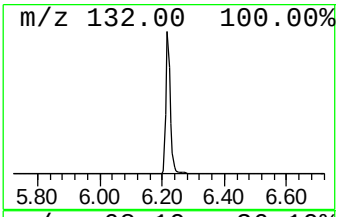
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9

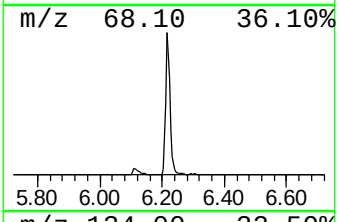


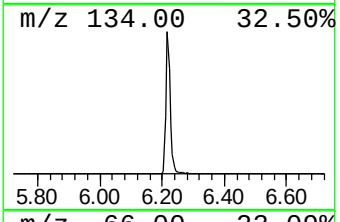


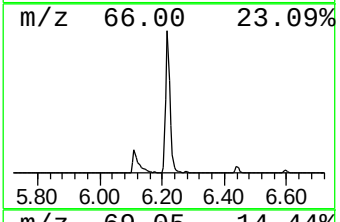


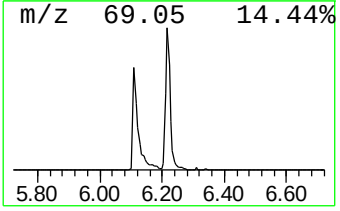












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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

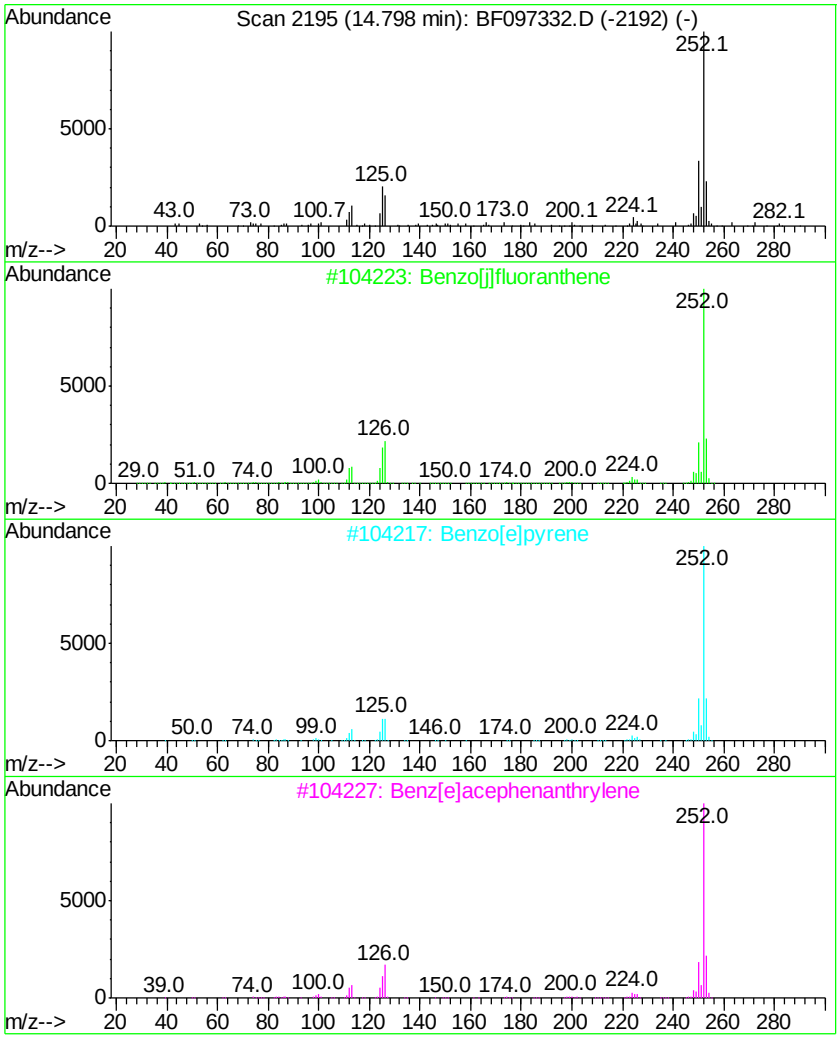
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

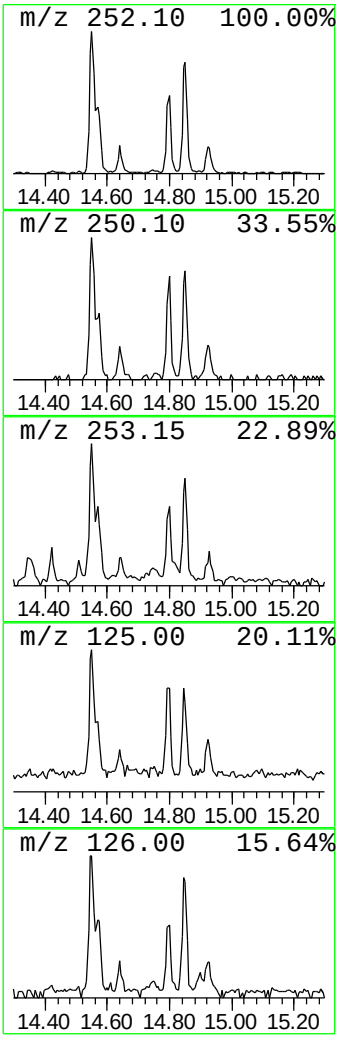
****

Peak Number 4 Benzo[j]fluoranthene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	2.75 ng	66351	Perylene-d12	14.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[j]fluoranthene	252	C20H12	000205-82-3	97
2	Benzo[e]pyrene	252	C20H12	000192-97-2	96
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
4	Perylene	252	C20H12	000198-55-0	91
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.55	5.3	ng	187597	1	6.44	706266	20.0
unknown6.22	6.22	18.8	ng	665103	1	6.44	706266	20.0
Benzo[j]fluoranthene	14.80	2.8	ng	66351	6	14.90	482605	20.0