LSC Area Percent Report

Data Path : U:\HPCHEM1\BNA F\DATA\BF082117\
Data File : BF097928.D
Acq On : 22 Aug 2017 1:53
Operator : SJ/JU
Sample : I4799-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-05-081417-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-BF081517.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	4.928	481	483	494	rVB	120692	135934	11.89%	1.097%
2	5.351	551	555	558	rBV	1205340	1056316	92.42%	8.521%
3	6.375	725	729	743	rBV	1263500	1142972	100.00%	9.220%
4	6.516	749	753	756	rBV	1210701	1060016	92.74%	8.551%
5	6.751	789	793	796	rBV	791980	710441	62.16%	5.731%
6	6.904	815	819	822	rBV	958777	781951	68.41%	6.308%
7	7.310	884	888	891	rBV	710716	591694	51.77%	4.773%
8	8.033	1007	1011	1014	rBV	1022301	848040	74.20%	6.841%
9	9.104	1189	1193	1197	rBV	1107411	901806	78.90%	7.275%
10	9.498	1257	1260	1265	rBV	135753	122293	10.70%	0.987%
11	9.645	1282	1285	1289	rBV	17809	16217	1.42%	0.131%
12	9.780	1305	1308	1312	rVB	822182	750384	65.65%	6.053%
13	10.192	1375	1378	1381	rBV2	18562	18515	1.62%	0.149%
14	10.222	1381	1383	1387	rVB2	16162	13633	1.19%	0.110%
15	10.563	1438	1441	1449	rBV	484166	443780	38.83%	3.580%
16	10.692	1460	1463	1468	rBV	25260	24644	2.16%	0.199%
17	11.139	1536	1539	1541	rBV	17204	12645	1.11%	0.102%
18	11.263	1556	1560	1563	rBV	809937	678710	59.38%	5.475%
19	11.286	1563	1564	1567	rVV	63508	37280	3.26%	0.301%
20	11.339	1571	1573	1576	rVB	38060	28489	2.49%	0.230%
21	11.874	1660	1664	1667	rBV2	21021	23529	2.06%	0.190%
22	12.316	1736	1739	1742	rBV2	13765	13396	1.17%	0.108%
23	12.392	1750	1752	1759	rBV5	10474	15467	1.35%	0.125%
24	12.474	1762	1766	1769	rBV	154441	138957	12.16%	1.121%
25	12.680	1797	1801	1802	rBV2	95609	82927	7.26%	0.669%
26	12.698	1802	1804	1807	rVV	162999	137485	12.03%	1.109%
27	12.727	1807	1809	1812	rVV4	13851	19997	1.75%	0.161%
28	12.757	1812	1814	1818	rVB2	26903	25096	2.20%	0.202%
29	12.845	1826	1829	1837	rVB	762557	691184	60.47%	5.576%
30	12.921	1838	1842	1845	rBV3	17785	28216	2.47%	0.228%
31	13.010	1854	1857	1858	rBV3	14780	16527	1.45%	0.133%
32	13.027	1858	1860	1864	rVB2	31101	28561	2.50%	0.230%
33	13.092	1868	1871	1874	rVB3	24980	25363	2.22%	0.205%
34	13.133	1874	1878	1881	rBV2	35925	42610	3.73%	0.344%

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.221	1891	1893	1896	rVB	29496	22041	1.93%	0.178%
36	13.257	1896	1899	1900	rBV	21350	17960	1.57%	0.145%
37	13.327	1909	1911	1916	rBV5	16237	15290	1.34%	0.123%
38	13.386	1918	1921	1923	rBV	52607	43513	3.81%	0.351%
39	13.433	1923	1929	1930	rBV6	27466	44408	3.89%	0.358%
40	13.898	2003	2008	2011	rBV	707457	779960	68.24%	6.292%
41	13.921	2011	2012	2014	rVB	73947	36735	3.21%	0.296%
42	13.998	2023	2025	2029	rVB	26992	20772	1.82%	0.168%
43	14.909	2177	2180	2187	rBV	90709	176653	15.46%	1.425%
44	15.198	2227	2229	2235	rVB	72700	79859	6.99%	0.644%
45	15.256	2236	2239	2242	rBV	87500	95627	8.37%	0.771%
46	15.315	2245	2249	2253	rBV	335341	398397	34.86%	3.214%

Sum of corrected areas: 12396290

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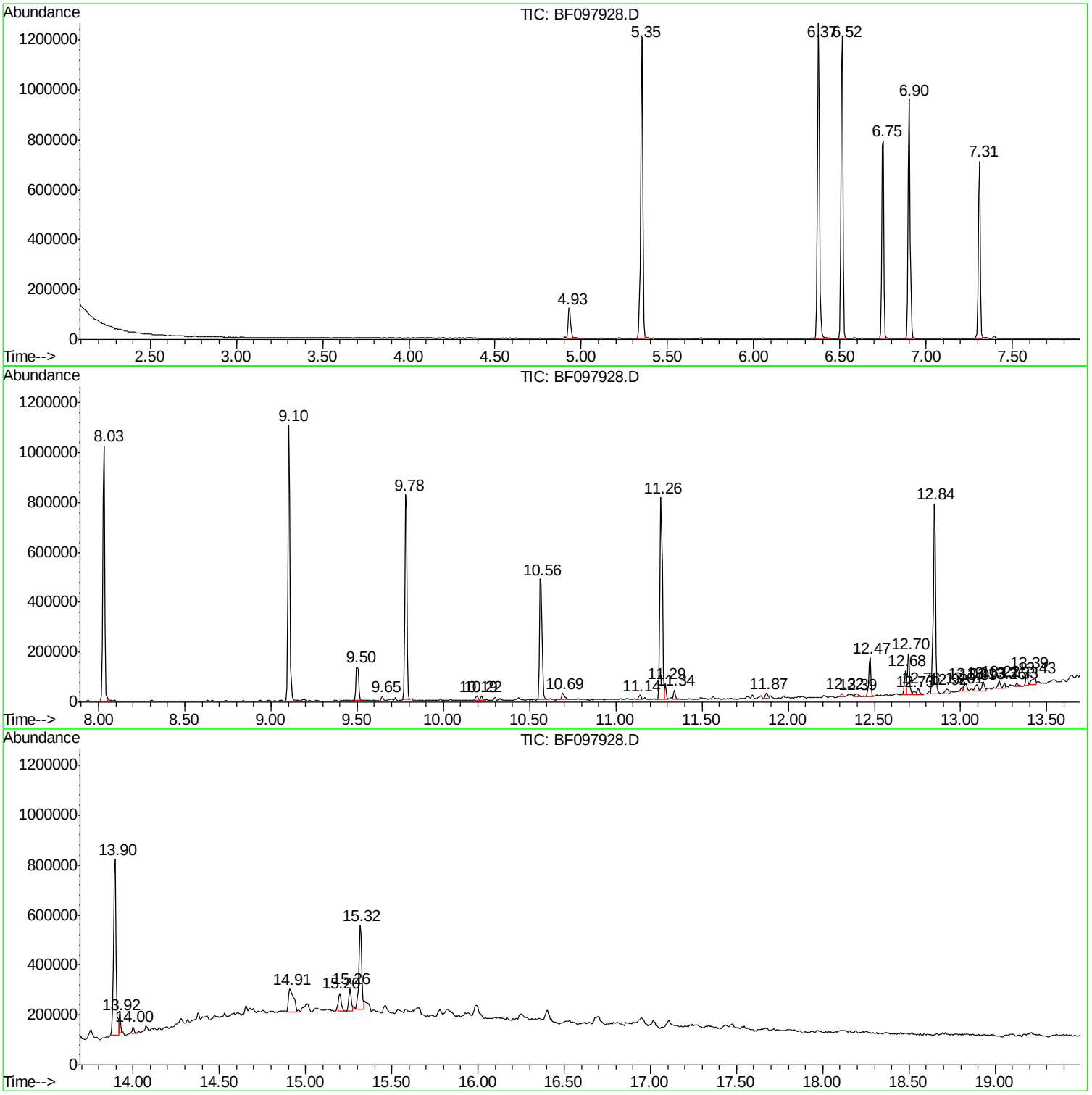
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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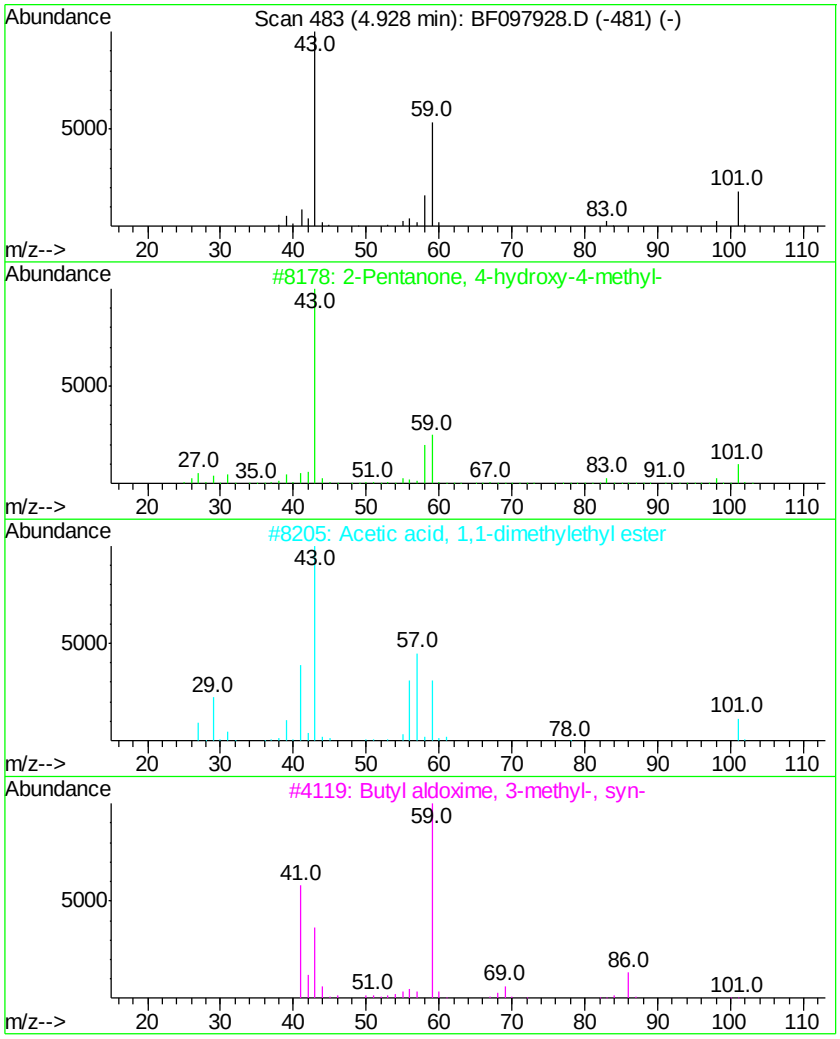
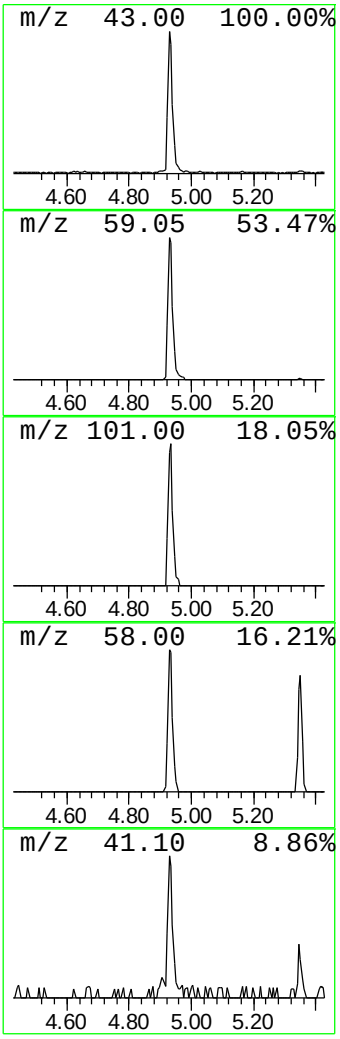
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.93	3.83 ng	135934	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
3	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	23
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	10
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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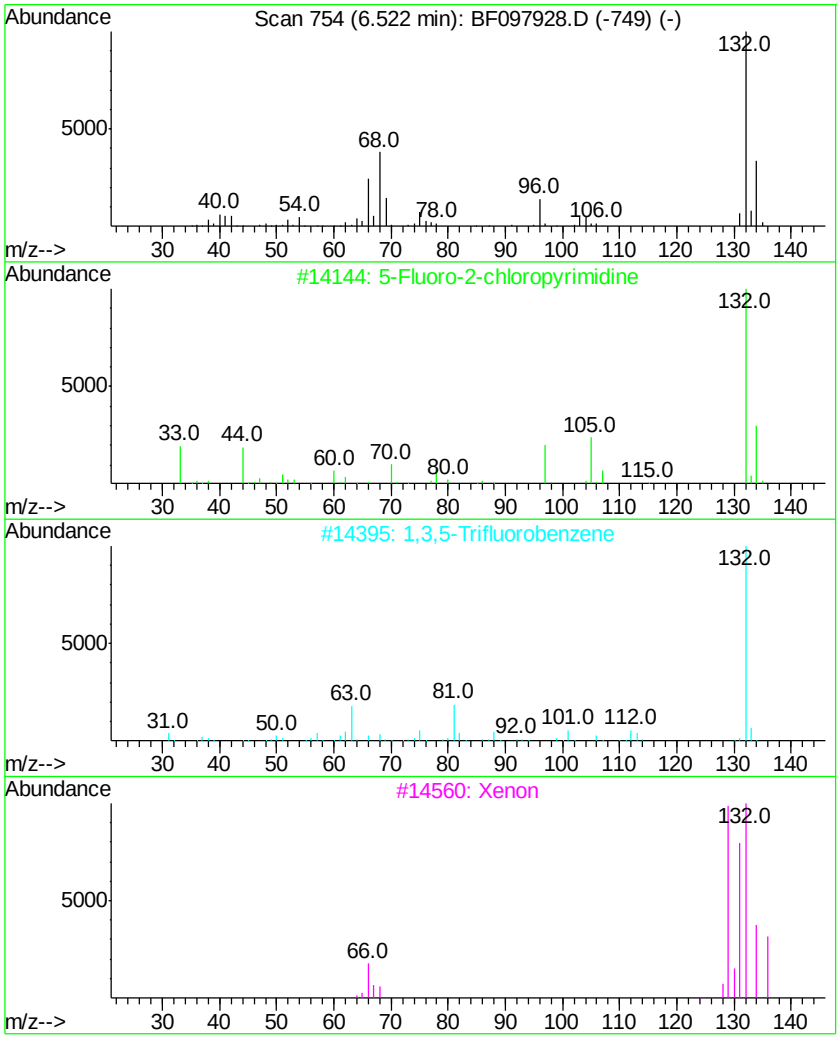
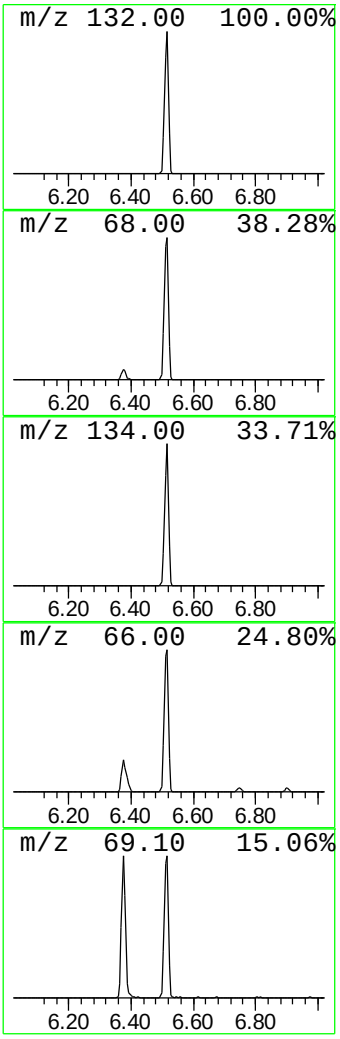
Peak Number 2 unknown6.52 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.52	29.84 ng	1060020	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
2	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
3	Xenon	132	Xe	007440-63-3	9
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





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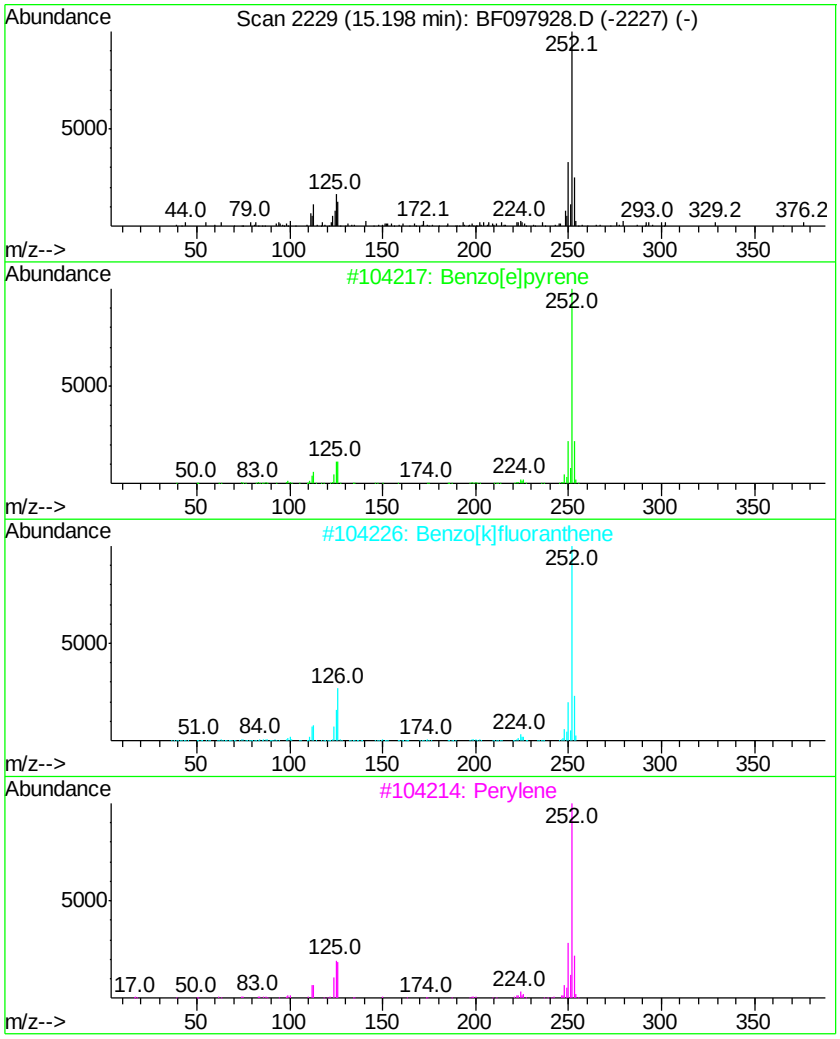
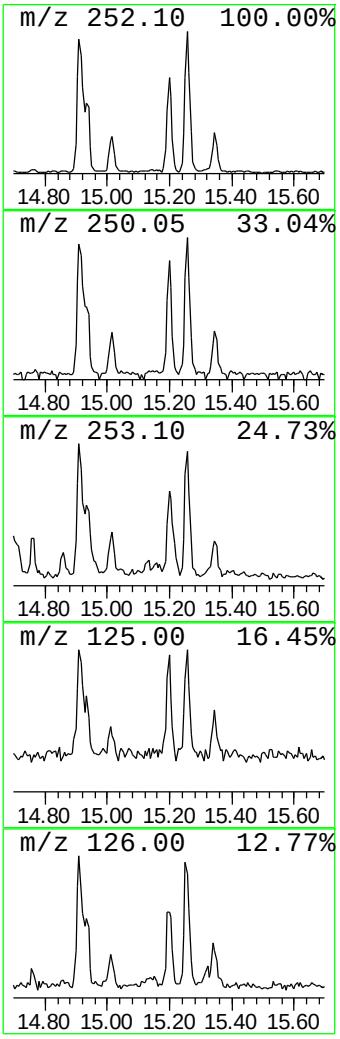
Peak Number 4 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.20	4.01 ng	79859	Perylene-d12	15.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89
3	Perylene	252	C20H12	000198-55-0	89
4	Benzo[a]pyrene	252	C20H12	000050-32-8	87
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	81





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...	4.93	3.8	ng	135934	1	6.75	710441	20.0
unknown6.52	6.52	29.8	ng	1060020	1	6.75	710441	20.0
Benzo[e]pyrene	15.20	4.0	ng	79859	6	15.32	398397	20.0