LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090717\
Data File : BF098317.D
Acq On : 7 Sep 2017 16:52
Operator : SJ/JU
Sample : I5093-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-06-090117-C

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	4.869	470	473	484	rBV	149277	205187	8.29%	0.894%
2	5.298	541	546	549	rBV	2087855	2272875	91.82%	9.901%
3	6.334	717	722	725	rBV	2288978	2430583	98.19%	10.588%
4	6.457	739	743	746	rBV	2396655	2318512	93.66%	10.100%
5	6.687	778	782	786	rBV	825426	668473	27.00%	2.912%
6	6.845	805	809	812	rBV	1975516	1767809	71.41%	7.701%
7	7.257	874	879	882	rBV	1613963	1504955	60.80%	6.556%
8	7.969	996	1000	1004	rBV	1005953	872513	35.25%	3.801%
9	9.051	1179	1184	1187	rBV	2664132	2475414	100.00%	10.783%
10	9.445	1246	1251	1254	rVB	113790	96411	3.89%	0.420%
11	9.722	1294	1298	1302	rBV2	1019698	856234	34.59%	3.730%
12	10.510	1428	1432	1436	rBV	1250603	1253205	50.63%	5.459%
13	11.204	1546	1550	1553	rBV	877534	782261	31.60%	3.408%
14	11.227	1553	1554	1558	rVV	154424	94728	3.83%	0.413%
15	11.280	1558	1563	1566	rVB	48612	47159	1.91%	0.205%
16	11.710	1632	1636	1638	rBV	31331	32334	1.31%	0.141%
17	11.733	1638	1640	1644	rVB	39424	33061	1.34%	0.144%
18	11.816	1651	1654	1656	rBV	58033	53825	2.17%	0.234%
19	11.839	1656	1658	1662	rVB	26507	25599	1.03%	0.112%
20	12.257	1725	1729	1731	rBV	34903	35623	1.44%	0.155%
21	12.292	1731	1735	1737	rVV3	29917	40374	1.63%	0.176%
22	12.339	1740	1743	1748	rVV2	32983	34350	1.39%	0.150%
23	12.416	1752	1756	1760	rVB	305120	254226	10.27%	1.107%
24	12.645	1789	1795	1797	rBV	278268	317074	12.81%	1.381%
25	12.669	1797	1799	1811	rVB3	73511	131028	5.29%	0.571%
26	12.792	1816	1820	1823	rBV	2027463	1806651	72.98%	7.870%
27	12.863	1828	1832	1836	rBV4	30565	47555	1.92%	0.207%
28	12.951	1844	1847	1848	rBV2	27379	30145	1.22%	0.131%
29	12.969	1848	1850	1854	rVB	45882	45983	1.86%	0.200%
30	13.039	1859	1862	1865	rVB2	28172	26904	1.09%	0.117%
31	13.074	1865	1868	1872	rBV2	51667	56249	2.27%	0.245%
32	13.168	1881	1884	1886	rVB	32199	26144	1.06%	0.114%
33	13.198	1886	1889	1892	rBV	32640	31187	1.26%	0.136%
34	13.351	1912	1915	1919	rBV5	20743	35732	1.44%	0.156%

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

35	13.480	1934	1937	1941	rVB	39431	42414	1.71%	0.185%
36	13.586	1952	1955	1958	rBV	38444	46967	1.90%	0.205%
37	13.686	1970	1972	1977	rBV	181743	195045	7.88%	0.850%
38	13.839	1993	1998	2001	rBV2	831022	859982	34.74%	3.746%
39	13.863	2001	2002	2010	rVB	141232	115347	4.66%	0.502%
40	14.227	2062	2064	2066	rVB	39326	28766	1.16%	0.125%
41	14.321	2078	2080	2083	rBV3	34743	26886	1.09%	0.117%
42	14.851	2167	2170	2173	rBV	111373	145313	5.87%	0.633%
43	14.951	2185	2187	2192	rVB2	52205	52535	2.12%	0.229%
44	15.133	2215	2218	2223	rVB	68831	86686	3.50%	0.378%
45	15.192	2224	2228	2232	rVB	97097	117437	4.74%	0.512%
46	15.251	2233	2238	2241	rBV	446840	528022	21.33%	2.300%

Sum of corrected areas: 22955763

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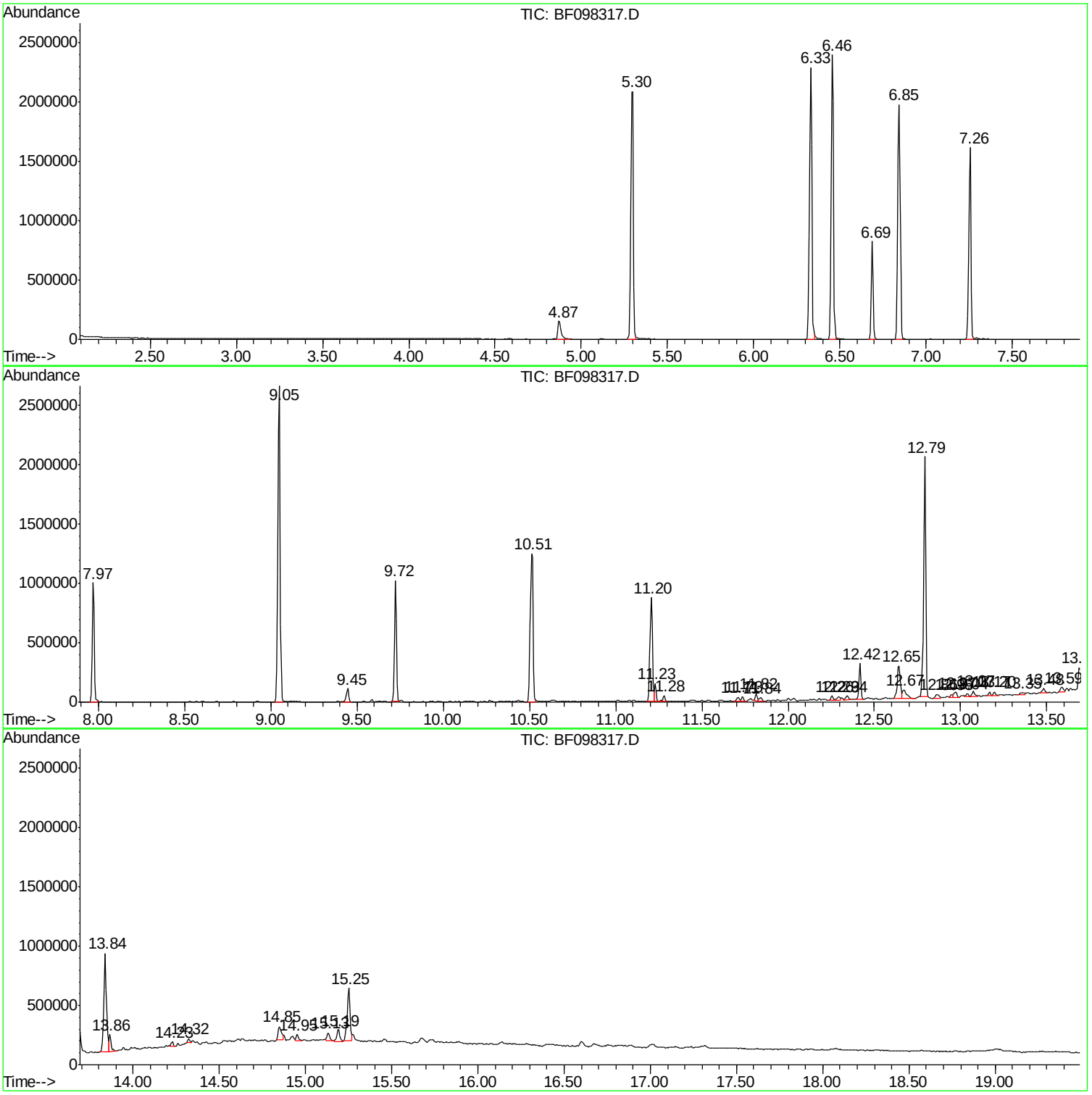
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

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TIC Library : C:\DATABASE\NIST11.L
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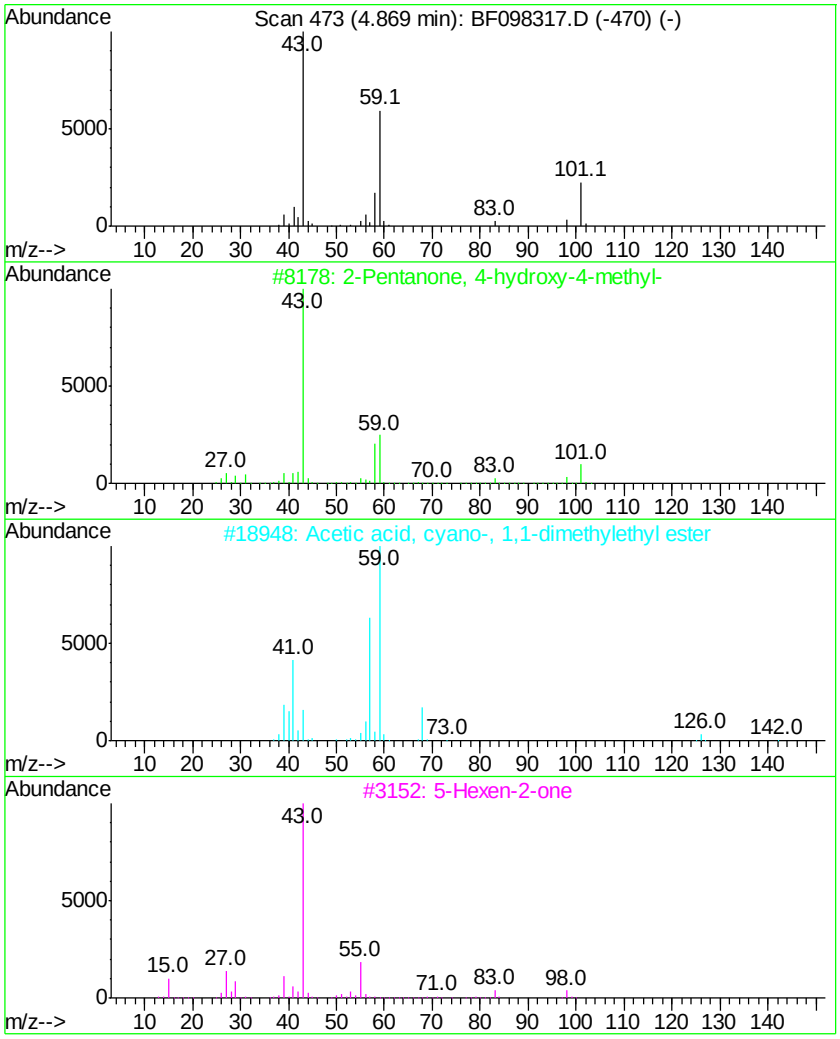
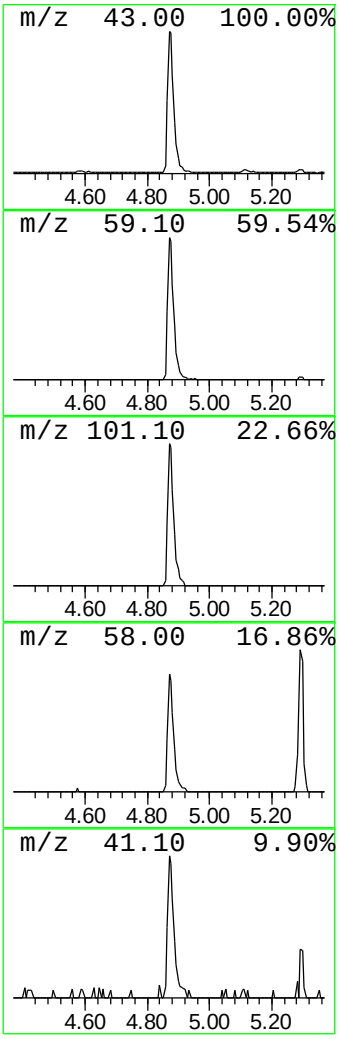
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.87	6.14 ng	205187	1,4-Dichlorobenzene-d4	6.69

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, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





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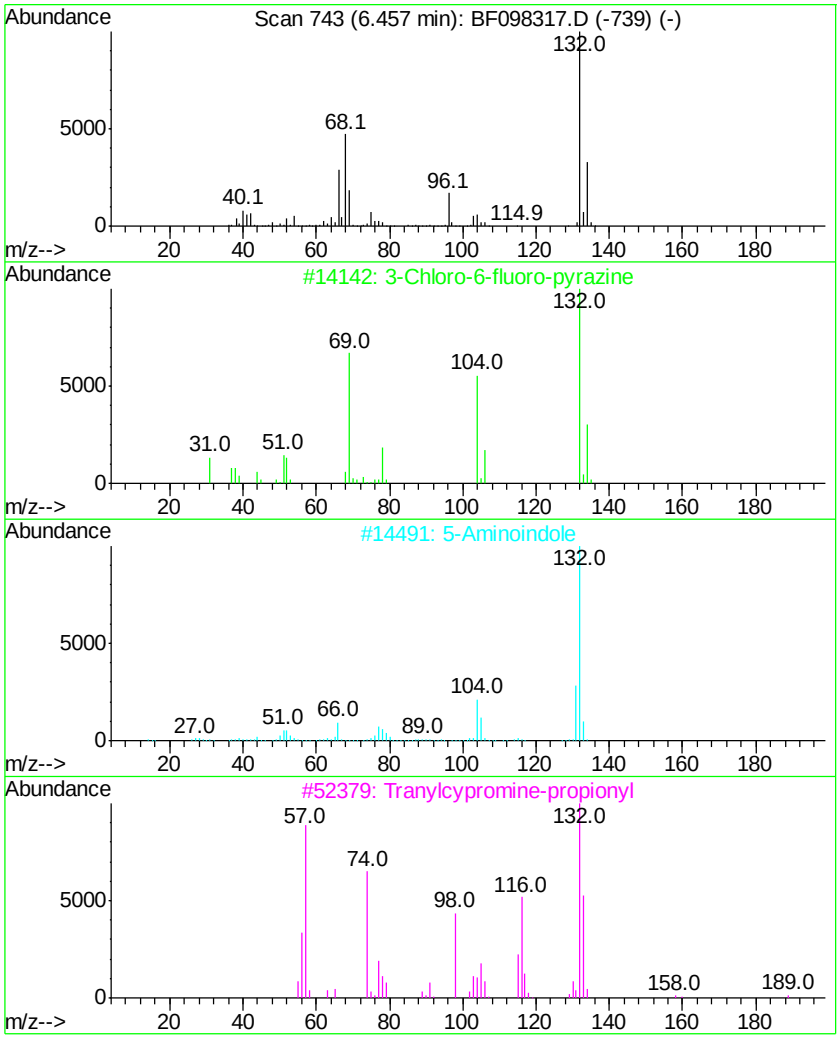
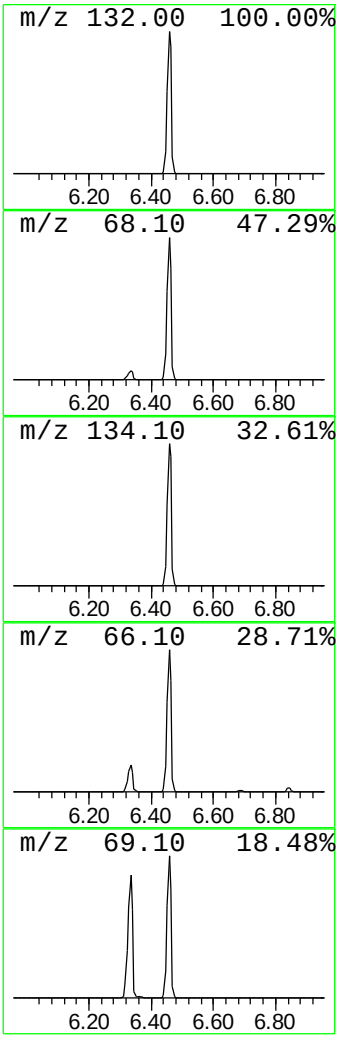
Peak Number 2 unknown6.46 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.46	69.37 ng	2318510	1,4-Dichlorobenzene-d4	6.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Xenon	132	Xe	007440-63-3	9
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





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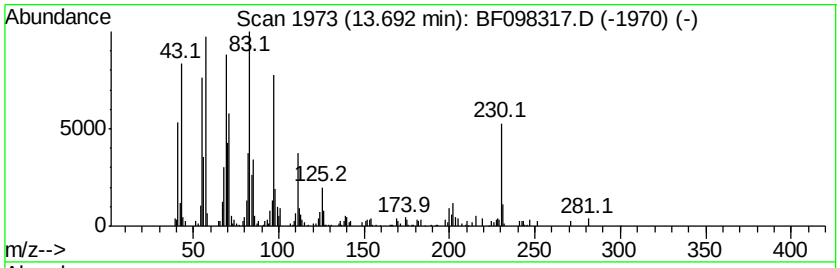
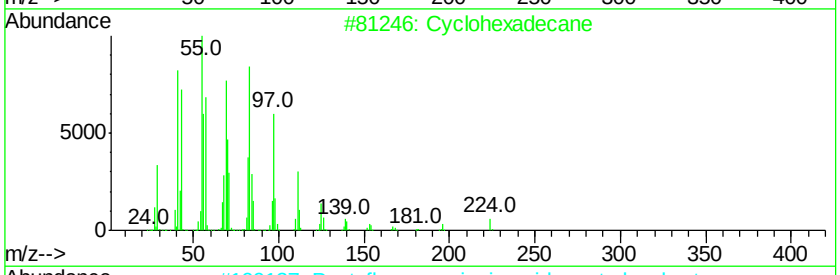
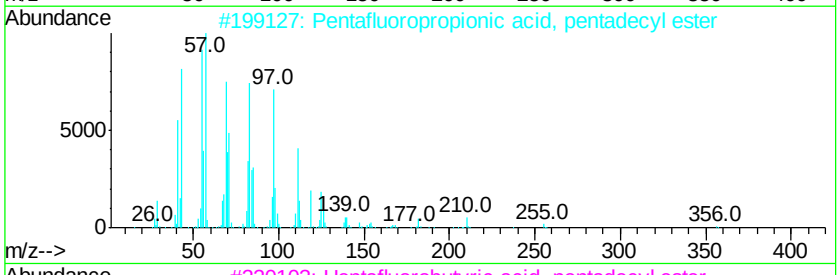
Peak Number 4 Cyclohexadecane Concentration Rank 4

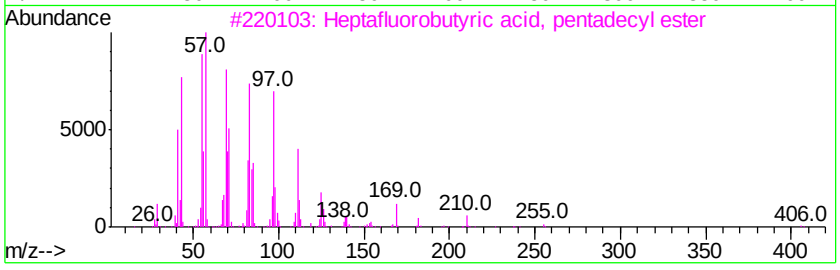
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.69	4.54 ng	195045	Chrysene-d12	13.84

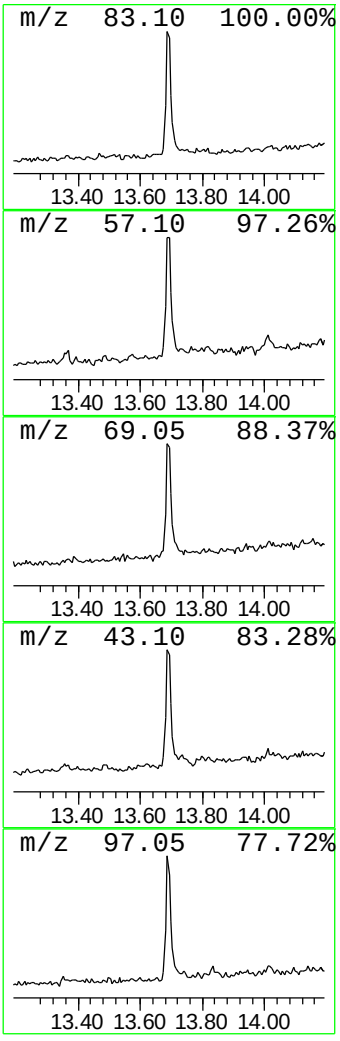
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	98
2	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	90
3	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	90
4	1-Nonadecene	266	C19H38	018435-45-5	87
5	1-Heneicosanol	312	C21H44O	015594-90-8	87











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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
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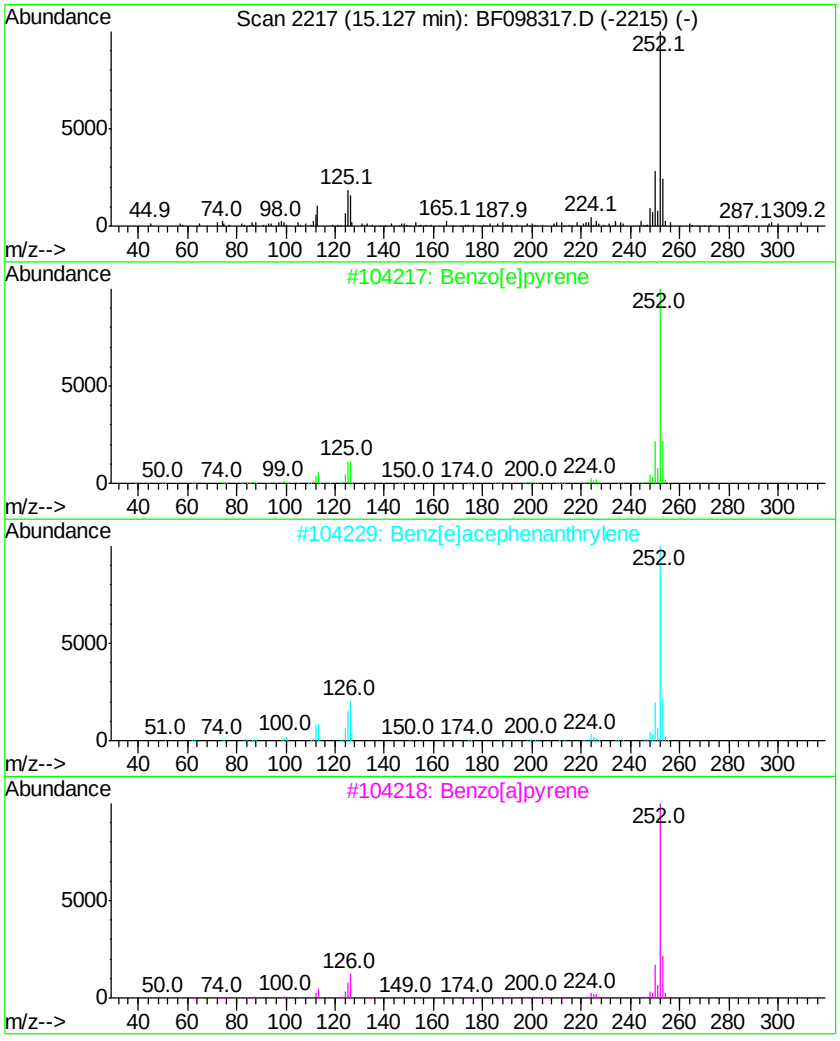
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

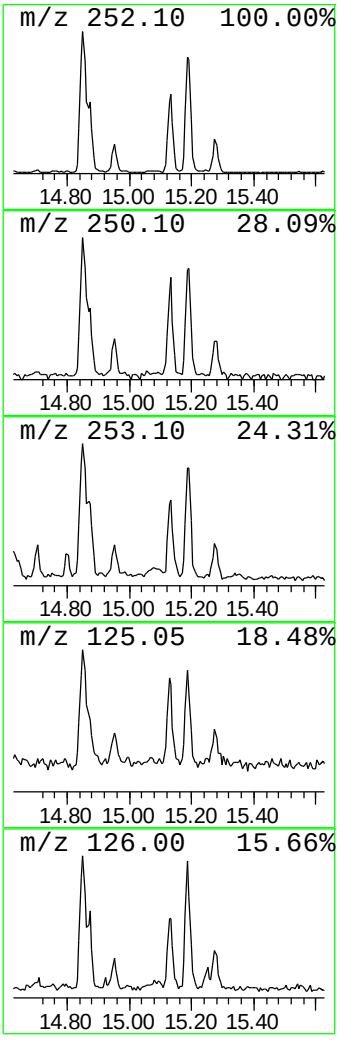
****

Peak Number 5 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.13	3.28 ng	86686	Perylene-d12	15.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
3	Benzo[a]pyrene	252	C20H12	000050-32-8	91
4	Perylene	252	C20H12	000198-55-0	90
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	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
2-Pentanone, 4-hy...	4.87	6.1	ng	205187	1	6.69	668473	20.0
unknown6.46	6.46	69.4	ng	2318510	1	6.69	668473	20.0
Cyclohexadecane	13.69	4.5	ng	195045	5	13.84	859982	20.0
Benzo[e]pyrene	15.13	3.3	ng	86686	6	15.25	528022	20.0