LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081817\
Data File : BF097853.D
Acq On : 19 Aug 2017 00:50
Operator : SJ/JU
Sample : I4649-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-13(0-10)COMP

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	4.963	485	489	496	rVB	163736	201983	7.56%	0.777%
2	5.375	554	559	562	rBV	2502087	2507024	93.84%	9.649%
3	5.804	629	632	637	rBV	34817	45127	1.69%	0.174%
4	6.404	728	734	738	rBV	2500815	2671607	100.00%	10.283%
5	6.539	752	757	760	rBV	2641209	2471808	92.52%	9.514%
6	6.645	771	775	780	rVB3	38407	56318	2.11%	0.217%
7	6.769	793	796	800	rBV	988450	791307	29.62%	3.046%
8	6.927	819	823	826	rBV	2054468	1702982	63.74%	6.555%
9	7.175	858	865	871	rBV	67567	71682	2.68%	0.276%
10	7.333	886	892	895	rVB	1701998	1509904	56.52%	5.811%
11	7.416	902	906	913	rVB3	23119	28464	1.07%	0.110%
12	7.939	990	995	997	rBV	29527	33030	1.24%	0.127%
13	8.051	1010	1014	1017	rBV	1103477	1045810	39.15%	4.025%
14	8.074	1017	1018	1025	rVB2	92918	62193	2.33%	0.239%
15	9.127	1193	1197	1201	rBV	2291660	2162248	80.93%	8.322%
16	9.521	1261	1264	1269	rBV	510998	440562	16.49%	1.696%
17	9.804	1307	1312	1316	rBV	1177638	1111148	41.59%	4.277%
18	10.010	1344	1347	1350	rBV	38074	31176	1.17%	0.120%
19	10.098	1359	1362	1365	rBV	34338	43725	1.64%	0.168%
20	10.245	1384	1387	1389	rVB	47421	36477	1.37%	0.140%
21	10.463	1418	1424	1426	rBV3	24737	37561	1.41%	0.145%
22	10.592	1442	1446	1449	rBV	1666559	1495506	55.98%	5.756%
23	10.715	1464	1467	1475	rBV	87315	101130	3.79%	0.389%
24	11.163	1541	1543	1545	rBV	43059	33923	1.27%	0.131%
25	11.292	1561	1565	1567	rBV	1192942	1125040	42.11%	4.330%
26	11.310	1567	1568	1571	rVV	182014	122068	4.57%	0.470%
27	11.362	1574	1577	1580	rVB	67775	62241	2.33%	0.240%
28	11.592	1613	1616	1618	rBV3	27346	27740	1.04%	0.107%
29	11.792	1647	1650	1652	rBV	35274	31782	1.19%	0.122%
30	11.821	1652	1655	1659	rVV2	59212	65954	2.47%	0.254%
31	11.898	1665	1668	1671	rBV	89095	106769	4.00%	0.411%
32	12.339	1741	1743	1746	rVB	43942	37310	1.40%	0.144%
33	12.498	1767	1770	1774	rBV	500992	418027	15.65%	1.609%
34	12.727	1803	1809	1812	rBV	472891	468623	17.54%	1.804%

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

35	12.874	1830	1834	1838	rBV	1823421	1699316	63.61%	6.540%
36	13.057	1863	1865	1868	rVB	93986	67924	2.54%	0.261%
37	13.115	1873	1875	1878	rVB2	108367	102126	3.82%	0.393%
38	13.156	1880	1882	1888	rVV2	61403	67248	2.52%	0.259%
39	13.780	1985	1988	1993	rVB3	193266	249458	9.34%	0.960%
40	13.921	2008	2012	2015	rBV2	958071	1077762	40.34%	4.148%
41	13.951	2015	2017	2023	rVB	198044	179924	6.73%	0.693%
42	14.103	2041	2043	2046	rVB3	72126	59972	2.24%	0.231%
43	14.409	2092	2095	2097	rBV3	68444	70267	2.63%	0.270%
44	14.945	2182	2186	2189	rBV	174762	269305	10.08%	1.037%
45	15.233	2232	2235	2241	rVB	124101	148941	5.57%	0.573%
46	15.292	2242	2245	2251	rBV	122691	156657	5.86%	0.603%
47	15.356	2252	2256	2259	rBV	601693	674384	25.24%	2.596%

Sum of corrected areas: 25981533

LSC Report - Integrated Chromatogram

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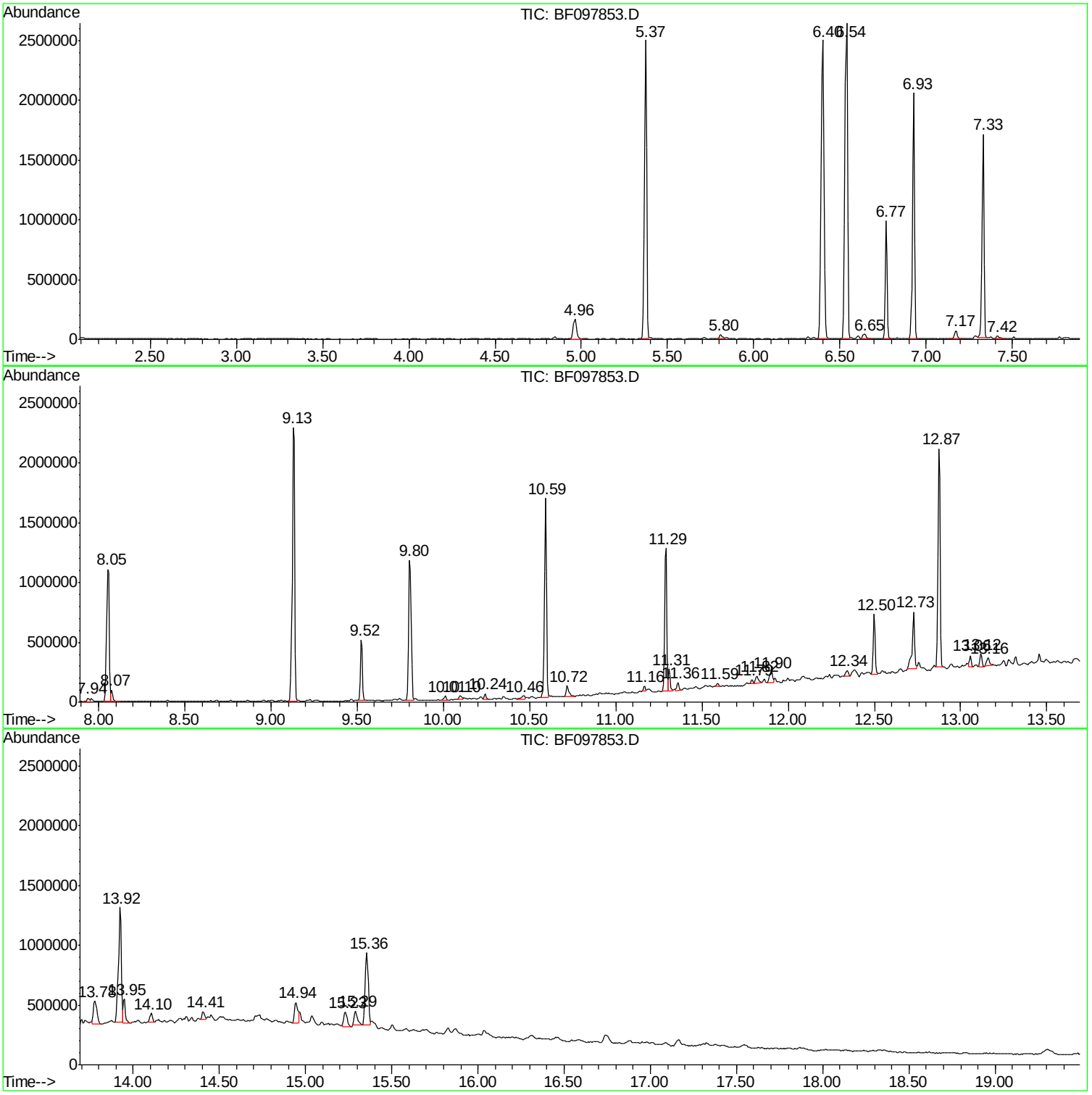
Instrument : BNA_F
ClientSampleId : B-13(0-10)COMP

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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Data File : BF097853.D
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Operator : SJ/JU
Sample : I4649-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-13(0-10)COMP

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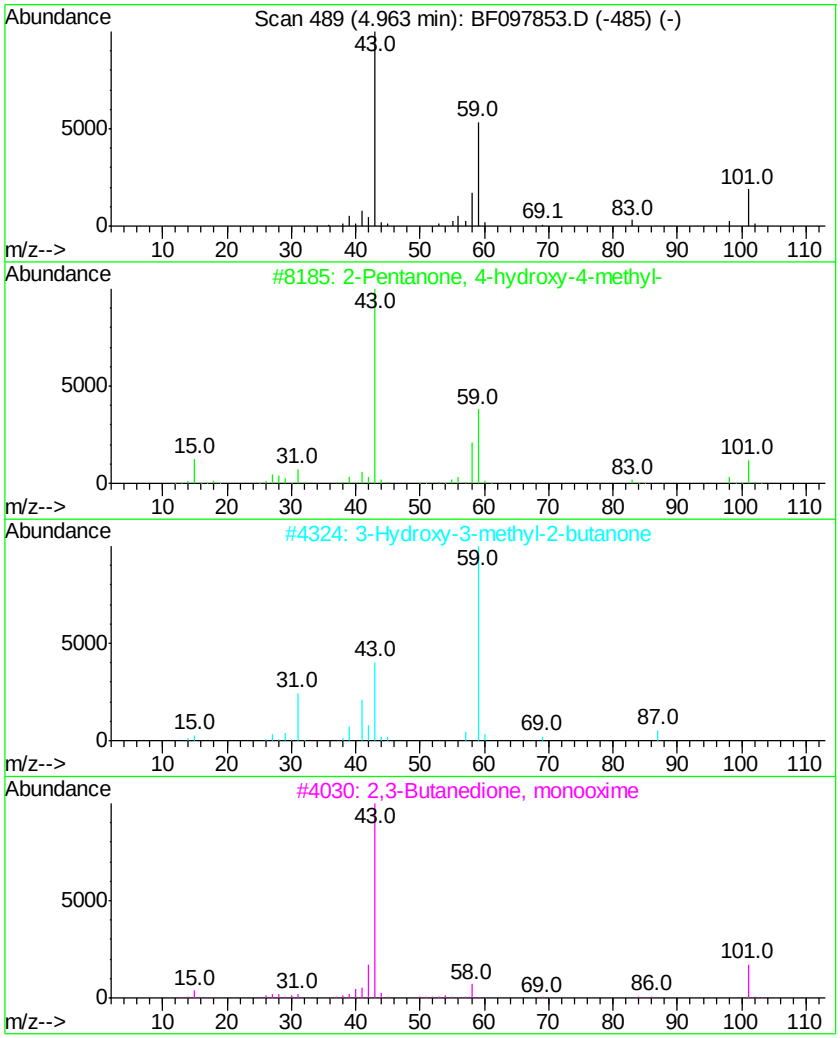
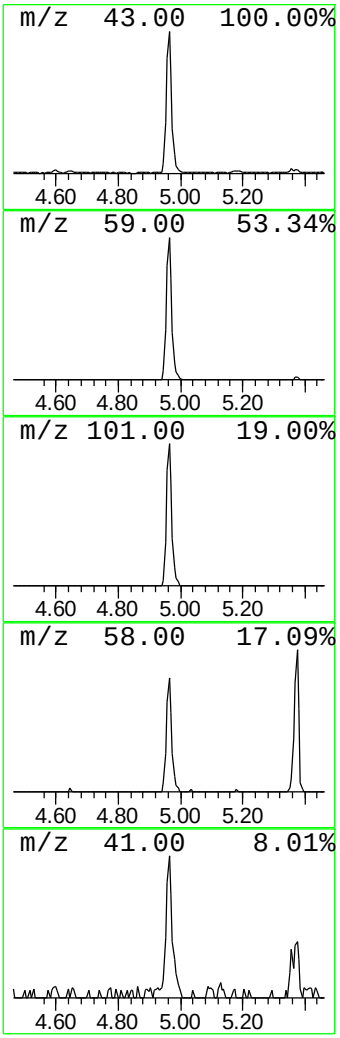
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.96	5.11 ng	201983	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	23
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
4	5-Hexen-2-one	98	C6H10O	000109-49-9	10
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





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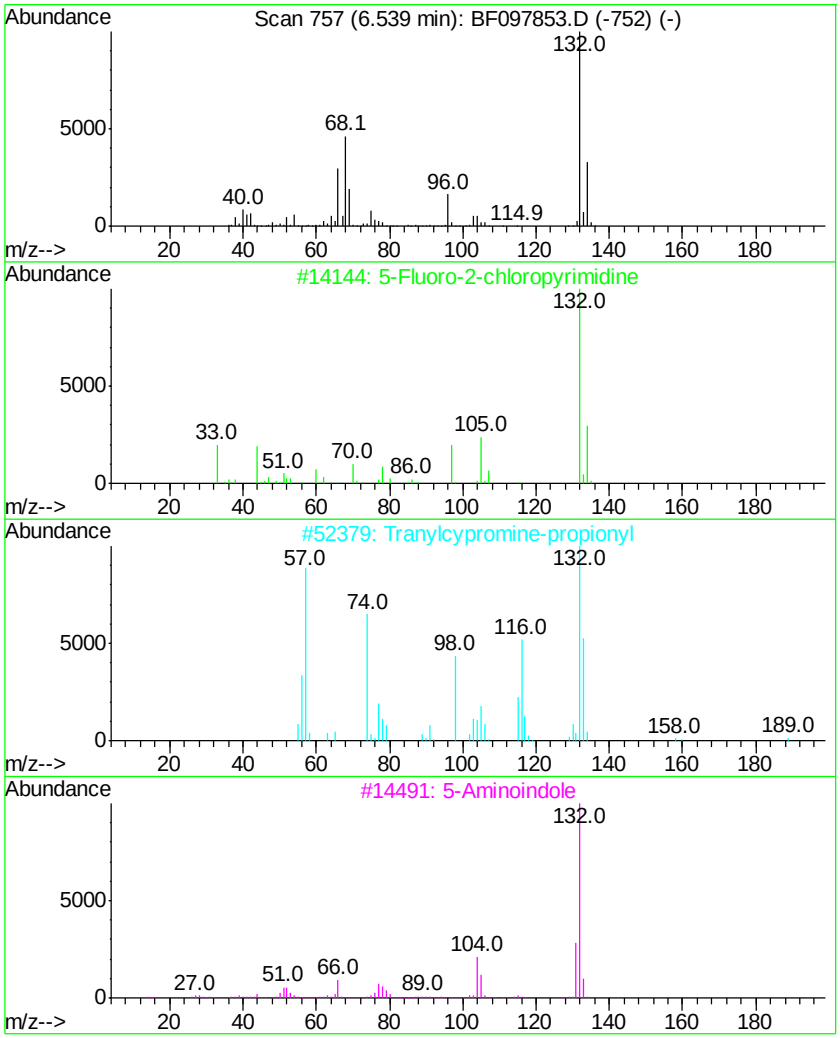
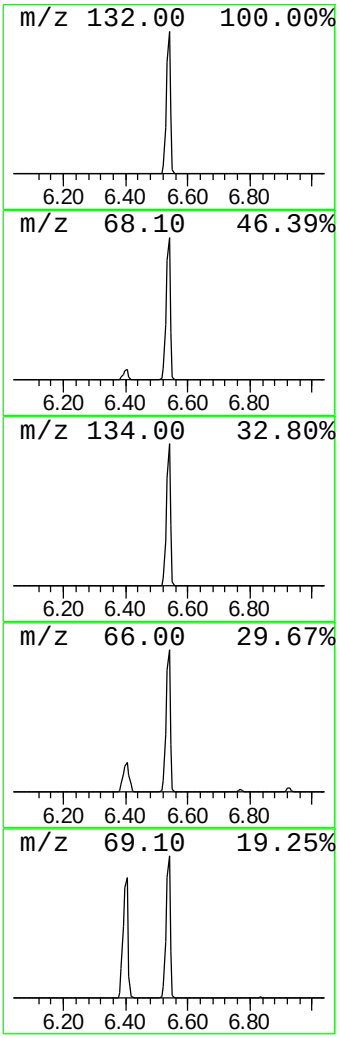
Peak Number 2 unknown6.54 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.54	62.47 ng	2471810	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	5-Aminoindole	132	C8H8N2	005192-03-0	10
4	Xenon	132	Xe	007440-63-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Library Search Compound Report

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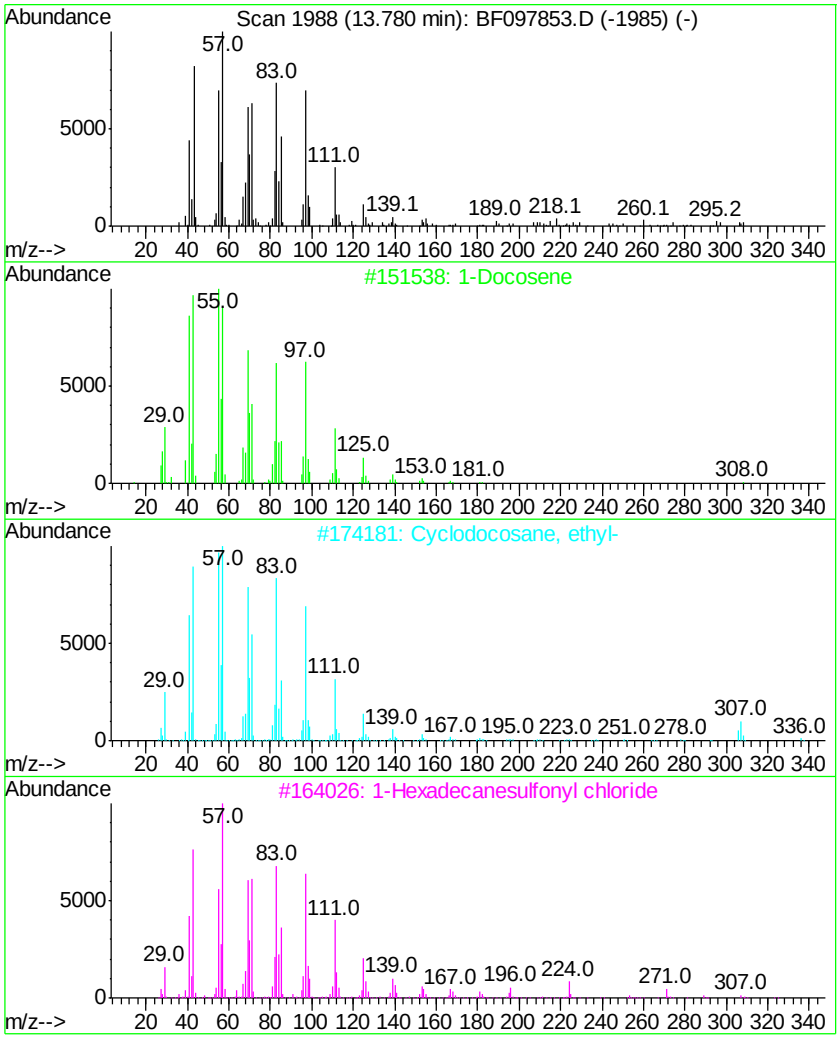
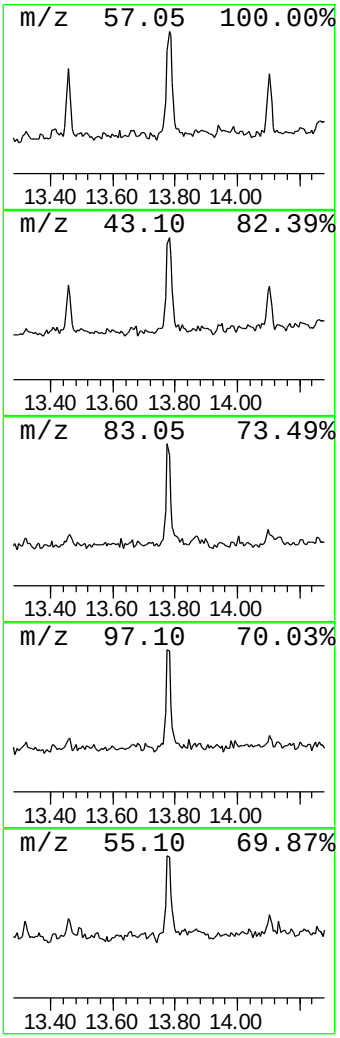
Peak Number 4 1-Docosene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.78	4.63 ng	249458	Chrysene-d12	13.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	91
2	Cyclodocosane, ethyl-	336	C24H48	1000151-22-6	87
3	1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	87
4	Eicosyl pentafluoropropionate	444	C23H41F5O2	1000351-80-8	80
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	80





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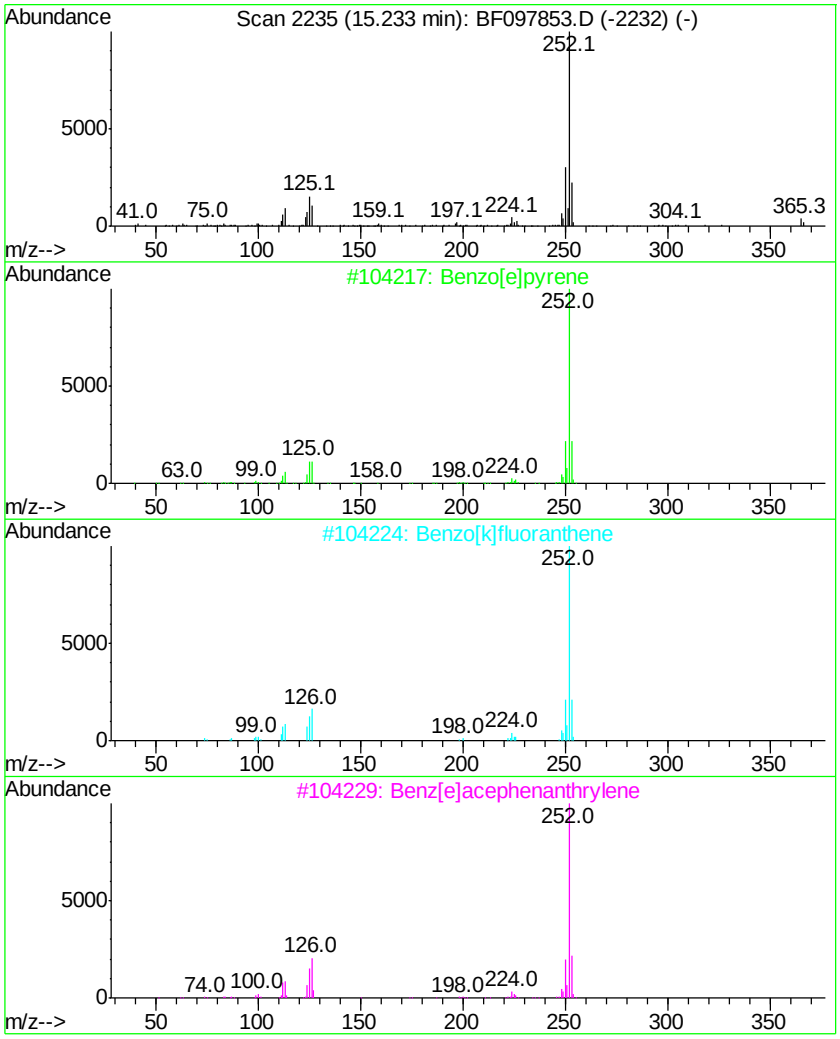
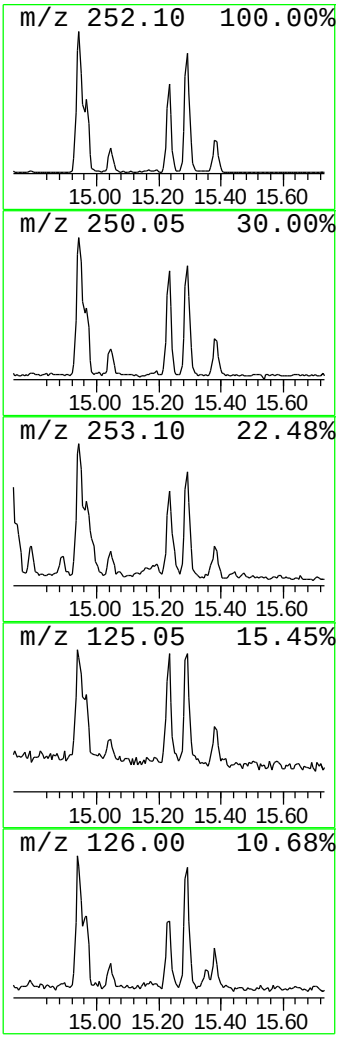
Peak Number 5 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.23	4.42 ng	148941	Perylene-d12	15.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	89
5	Perylene	252	C20H12	000198-55-0	89





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...	4.96	5.1	ng	201983	1	6.77	791307	20.0
unknown6.54	6.54	62.5	ng	2471810	1	6.77	791307	20.0
1-Docosene	13.78	4.6	ng	249458	5	13.92	1077760	20.0
Benzo[e]pyrene	15.23	4.4	ng	148941	6	15.36	674384	20.0