LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062817\
Data File : BF096262.D
Acq On : 28 Jun 2017 21:09
Operator : SJ/MA
Sample : I3852-15 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-38-0-1.5

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-BF062717.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	2.222	21	23	31	rVB5	20134	28651	2.51%	0.216%
2	2.334	39	42	49	rVB3	51513	80298	7.05%	0.605%
3	4.334	377	382	388	rBV2	19887	26231	2.30%	0.198%
4	4.963	486	489	495	rVB	277838	267919	23.51%	2.018%
5	5.387	557	561	565	rVB	713845	594047	52.13%	4.475%
6	6.069	674	677	681	rVB	97260	86425	7.58%	0.651%
7	6.404	730	734	737	rBV	1150173	880978	77.31%	6.636%
8	6.545	755	758	762	rVB	952465	787245	69.09%	5.930%
9	6.781	795	798	802	rBV	1035236	872816	76.60%	6.575%
10	6.845	806	809	814	rBV2	23142	24830	2.18%	0.187%
11	6.940	821	825	828	rVB	836031	667405	58.57%	5.027%
12	7.334	888	892	895	rBV	612187	501590	44.02%	3.778%
13	7.392	900	902	905	rVB	25553	19605	1.72%	0.148%
14	7.751	960	963	968	rVB3	22232	19924	1.75%	0.150%
15	8.063	1012	1016	1020	rBV	1408424	1139520	100.00%	8.584%
16	8.498	1087	1090	1095	rBV2	14049	15818	1.39%	0.119%
17	8.669	1116	1119	1121	rBV	37639	30390	2.67%	0.229%
18	8.775	1133	1137	1140	rBV3	20747	22683	1.99%	0.171%
19	8.875	1151	1154	1159	rVB3	20237	23794	2.09%	0.179%
20	9.098	1190	1192	1195	rVB2	19220	15420	1.35%	0.116%
21	9.139	1195	1199	1202	rBV	1042202	849710	74.57%	6.401%
22	9.233	1212	1215	1220	rVB2	48969	46095	4.05%	0.347%
23	9.398	1237	1243	1244	rBV5	16325	16780	1.47%	0.126%
24	9.475	1251	1256	1259	rBV3	22534	25083	2.20%	0.189%
25	9.528	1263	1265	1268	rBV	98720	77931	6.84%	0.587%
26	9.763	1302	1305	1309	rVB	59337	52170	4.58%	0.393%
27	9.816	1310	1314	1318	rBV	1229822	1023986	89.86%	7.713%
28	9.916	1329	1331	1337	rVB6	8901	15420	1.35%	0.116%
29	10.022	1346	1349	1351	rVB2	23004	21159	1.86%	0.159%
30	10.257	1386	1389	1392	rVB	79398	65672	5.76%	0.495%
31	10.480	1423	1427	1431	rBV	26553	28802	2.53%	0.217%
32	10.592	1444	1446	1451	rVB2	61863	56017	4.92%	0.422%
33	10.728	1466	1469	1471	rBV	80639	80233	7.04%	0.604%
34	10.822	1481	1485	1488	rVB6	12356	17346	1.52%	0.131%

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Misc :
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Instrument : BNA_F
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Integrator: RTE
Smoothing : ON Filtering: 5
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Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF062717.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.963	1506	1509	1512	rVB4	16919	15299	1.34%	0.115%
36	11.175	1542	1545	1548	rBV	60808	58234	5.11%	0.439%
37	11.210	1548	1551	1557	rVB	39893	39947	3.51%	0.301%
38	11.292	1562	1565	1568	rBV	1057854	947807	83.18%	7.140%
39	11.316	1568	1569	1572	rVB	125132	82448	7.24%	0.621%
40	11.369	1572	1578	1580	rVB2	41290	48670	4.27%	0.367%
41	11.410	1580	1585	1587	rBV6	8755	14393	1.26%	0.108%
42	11.522	1601	1604	1607	rBV2	14482	15889	1.39%	0.120%
43	11.604	1614	1618	1620	rBV	61821	50329	4.42%	0.379%
44	11.798	1648	1651	1653	rBV	17165	18319	1.61%	0.138%
45	11.827	1653	1656	1660	rVB2	46919	44908	3.94%	0.338%
46	11.904	1666	1669	1671	rBV2	32171	33270	2.92%	0.251%
47	11.927	1671	1673	1679	rVB5	26620	31581	2.77%	0.238%
48	11.986	1679	1683	1685	rBV	55150	56707	4.98%	0.427%
49	12.010	1685	1687	1689	rVB	55180	40159	3.52%	0.303%
50	12.245	1721	1727	1729	rBV7	15821	34329	3.01%	0.259%
51	12.292	1733	1735	1738	rVB3	24700	21796	1.91%	0.164%
52	12.345	1742	1744	1747	rVB3	24731	21735	1.91%	0.164%
53	12.398	1751	1753	1756	rVB2	63336	51135	4.49%	0.385%
54	12.504	1768	1771	1774	rVB	178390	153114	13.44%	1.153%
55	12.727	1805	1809	1812	rBV	140959	152632	13.39%	1.150%
56	12.769	1814	1816	1818	rVB	55966	42800	3.76%	0.322%
57	12.874	1831	1834	1838	rBV	843459	789129	69.25%	5.944%
58	13.127	1874	1877	1880	rBV	72507	71683	6.29%	0.540%
59	13.469	1932	1935	1939	rBV	91463	95322	8.37%	0.718%
60	13.927	2009	2013	2016	rBV	1053158	1035153	90.84%	7.798%
61	14.110	2042	2044	2047	rVB	129451	104065	9.13%	0.784%
62	14.416	2094	2096	2100	rVB	119617	88802	7.79%	0.669%
63	15.357	2252	2256	2260	rVB	533377	633759	55.62%	4.774%

Sum of corrected areas: 13275407

LSC Report - Integrated Chromatogram

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Instrument : BNA_F
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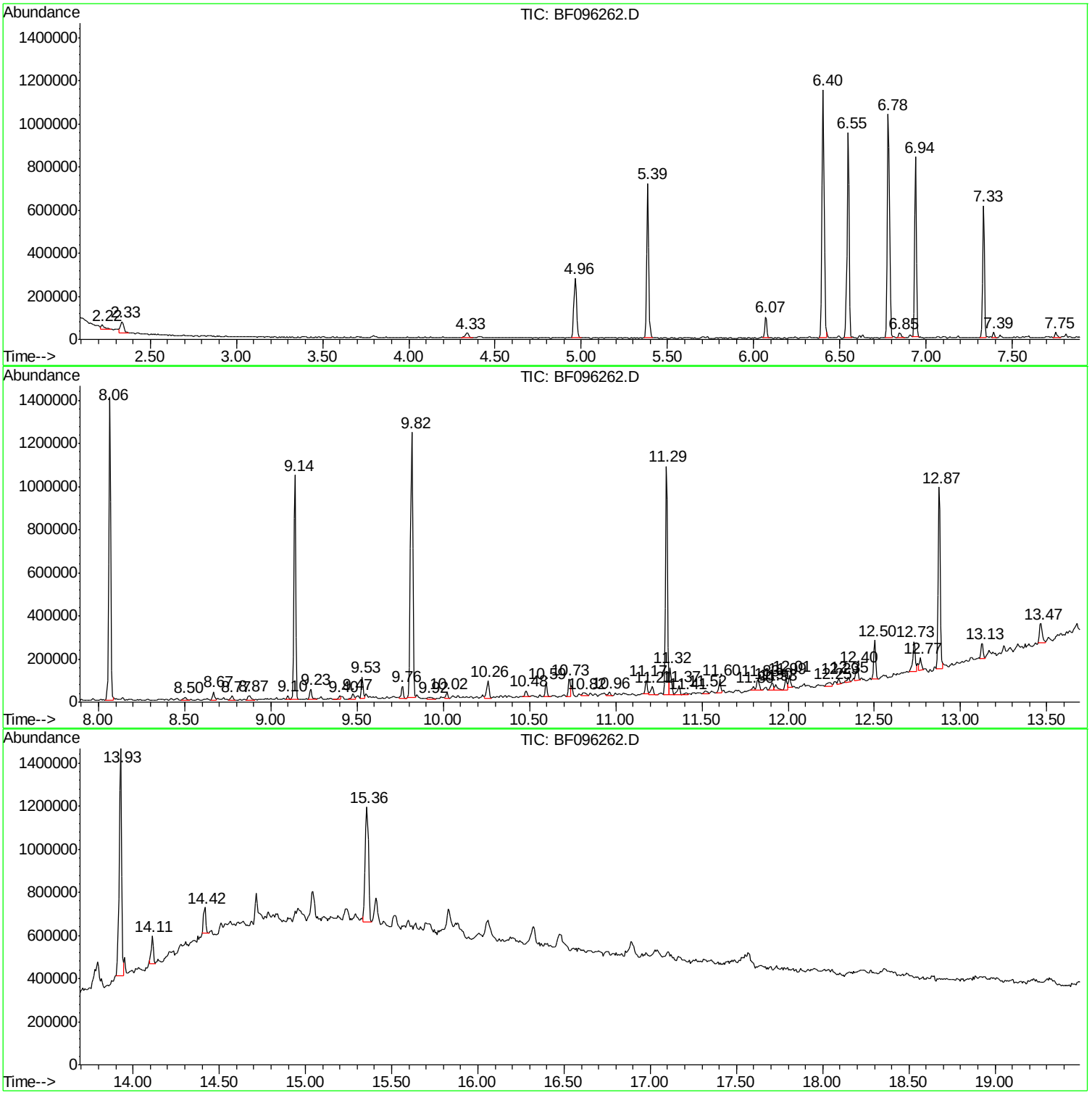
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF062717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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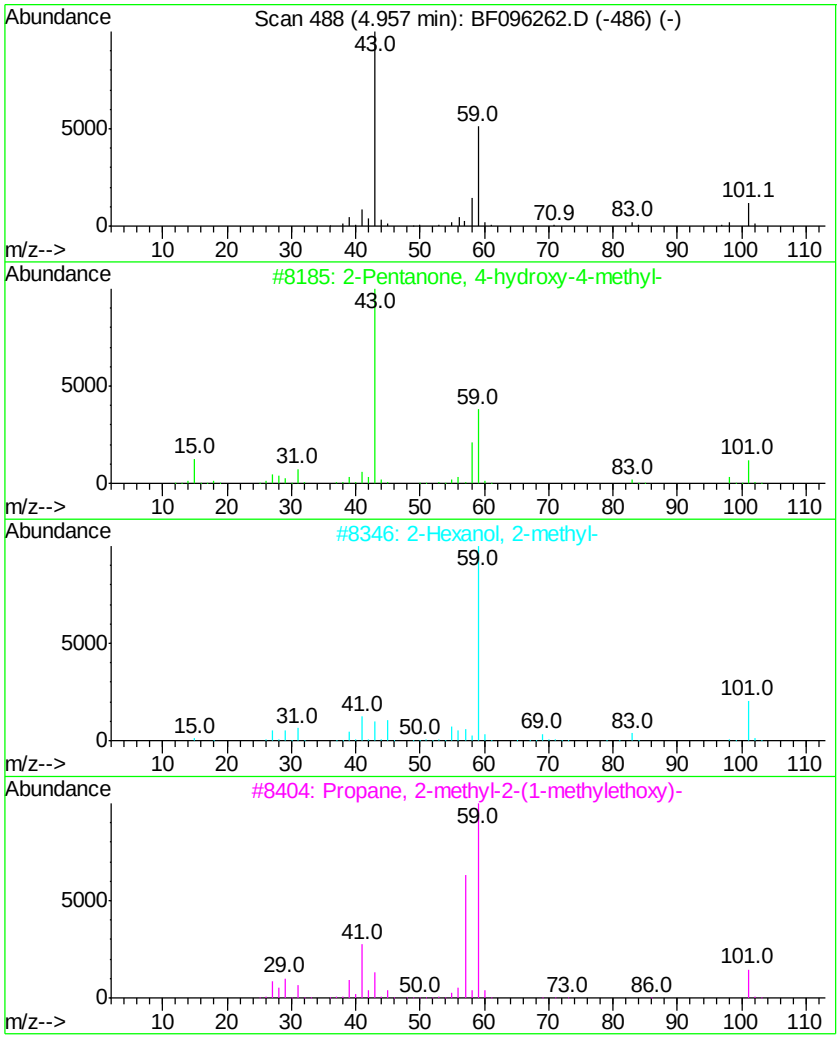
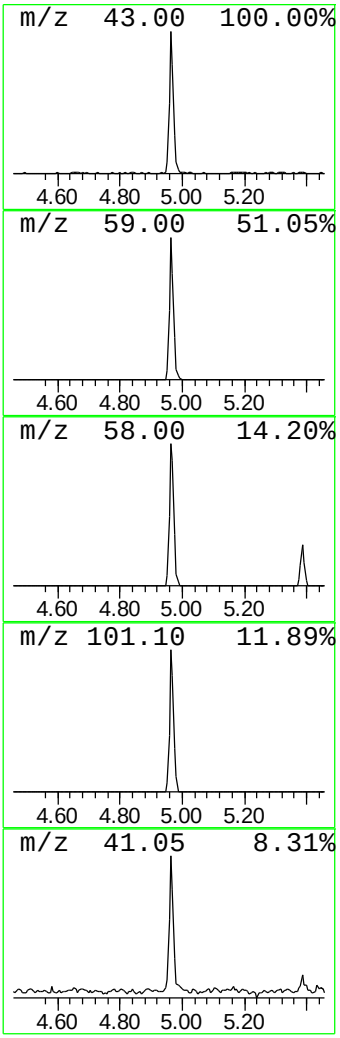
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.96	6.14 ng	267919	1,4-Dichlorobenzene-d4	6.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23





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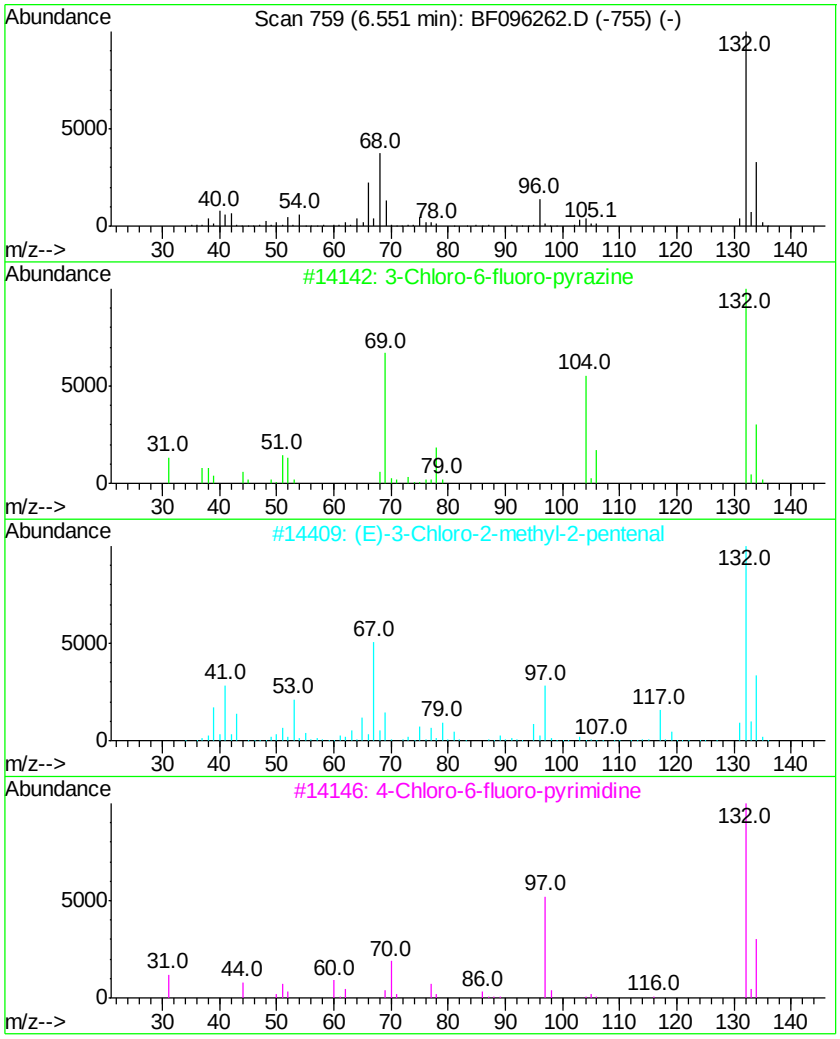
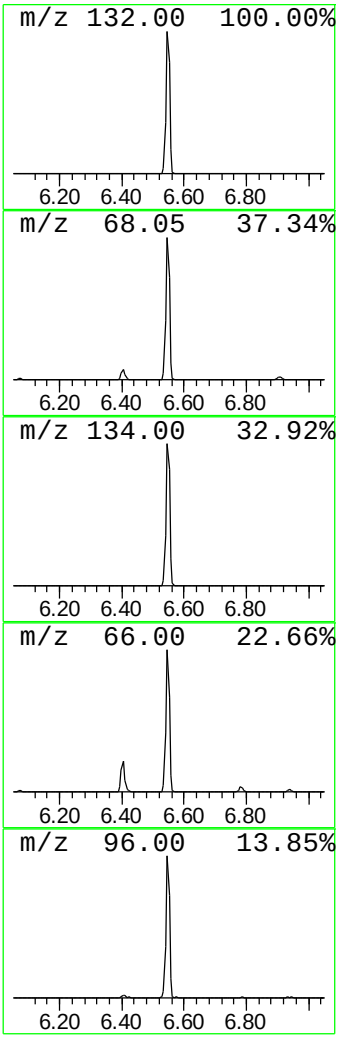
Peak Number 2 unknown6.55 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.55	18.04 ng	787245	1,4-Dichlorobenzene-d4	6.78

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	16
3	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
4	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





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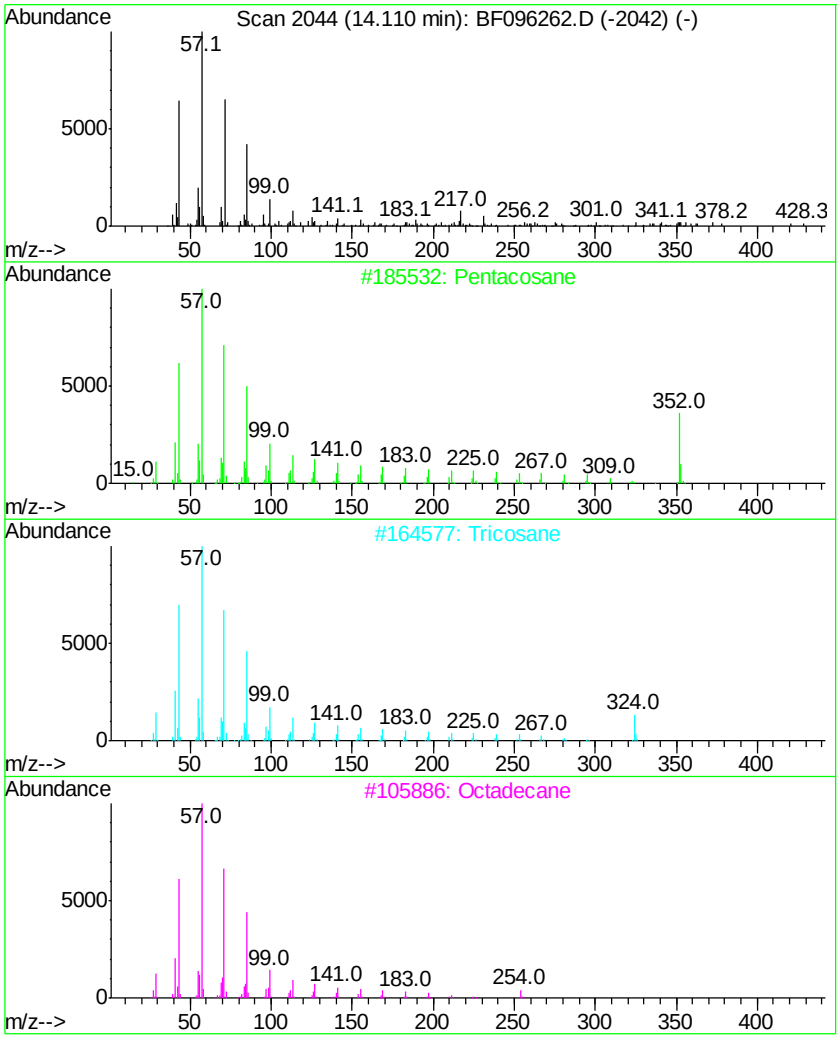
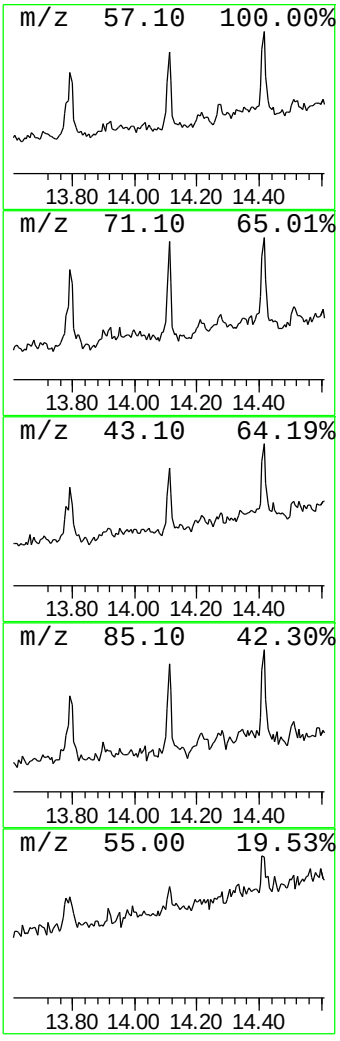
Peak Number 5 Pentacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.11	2.01 ng	104065	Chrysene-d12	13.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	87
2	Tricosane	324	C23H48	000638-67-5	87
3	Octadecane	254	C18H38	000593-45-3	83
4	Heneicosane	296	C21H44	000629-94-7	83
5	Docosane	310	C22H46	000629-97-0	83





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	6.1	ng	267919	1	6.78	872816	20.0
unknown6.55	6.55	18.0	ng	787245	1	6.78	872816	20.0
Pentacosane	14.11	2.0	ng	104065	5	13.93	1035150	20.0