LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052121\
Data File : BF124032.D
Acq On : 21 May 2021 22:41
Operator : JU/CG
Sample : M2479-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUBBASE-6-1-D

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF124032.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.134	3	8	14	rBV	119972	145838	29.59%	3.326%
2	2.240	22	26	29	rBV2	8548	11124	2.26%	0.254%
3	5.092	504	511	516	rBB	42771	39515	8.02%	0.901%
4	5.498	576	580	583	rBV	263039	220334	44.70%	5.025%
5	6.504	748	751	755	rBV	284165	222181	45.08%	5.067%
6	6.892	813	817	820	rBV	457142	375706	76.23%	8.568%
7	7.445	907	911	914	rBV	195344	146717	29.77%	3.346%
8	8.175	1031	1035	1038	rBV	595986	458705	93.07%	10.461%
9	9.245	1214	1217	1220	rBV	351735	247383	50.19%	5.642%
10	9.328	1229	1231	1235	rVB2	8630	8762	1.78%	0.200%
11	9.639	1281	1284	1292	rVB	44484	37321	7.57%	0.851%
12	9.857	1319	1321	1324	rVB2	10648	8559	1.74%	0.195%
13	9.927	1330	1333	1337	rBV	622718	492865	100.00%	11.240%
14	10.357	1404	1406	1408	rBV	12522	10079	2.04%	0.230%
15	10.580	1440	1444	1446	rBV	7395	8097	1.64%	0.185%
16	10.716	1462	1467	1470	rBV	173279	145181	29.46%	3.311%
17	10.833	1482	1487	1491	rBV3	16323	23018	4.67%	0.525%
18	11.280	1556	1563	1566	rBV	18605	21134	4.29%	0.482%
19	11.310	1566	1568	1572	rVB3	17066	17532	3.56%	0.400%
20	11.416	1582	1586	1589	rBV	552844	446527	90.60%	10.183%
21	11.439	1589	1590	1594	rVB2	14849	9235	1.87%	0.211%
22	11.627	1619	1622	1626	rBV4	3982	6849	1.39%	0.156%
23	11.663	1626	1628	1630	rBV3	7521	8270	1.68%	0.189%
24	11.710	1633	1636	1638	rVB	14755	12174	2.47%	0.278%
25	11.804	1649	1652	1654	rVB4	5093	6569	1.33%	0.150%
26	11.833	1654	1657	1660	rBV4	6651	7433	1.51%	0.170%
27	11.898	1666	1668	1670	rBV3	5249	6631	1.35%	0.151%
28	11.945	1672	1676	1679	rVB5	9609	12644	2.57%	0.288%
29	12.033	1686	1691	1693	rBV5	9812	12552	2.55%	0.286%
30	12.116	1703	1705	1708	rBV	16730	11757	2.39%	0.268%
31	12.180	1713	1716	1718	rVB4	5875	6799	1.38%	0.155%
32	12.216	1718	1722	1723	rBV4	6876	8511	1.73%	0.194%
33	12.233	1723	1725	1727	rBV3	7140	7607	1.54%	0.173%
34	12.345	1742	1744	1746	rVB2	9104	6381	1.29%	0.146%
35	12.398	1749	1753	1761	rBV8	11809	24262	4.92%	0.553%
36	12.468	1763	1765	1767	rBV3	9820	9776	1.98%	0.223%

LSC Area Percent Report

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Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
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Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.504	1768	1771	1773	rBV3	17214	14093	2.86%	0.321%
38	12.633	1790	1793	1795	rBV2	41557	39201	7.95%	0.894%
39	12.780	1816	1818	1820	rBV2	13726	13808	2.80%	0.315%
40	12.857	1829	1831	1834	rBV	36768	36305	7.37%	0.828%
41	12.880	1834	1835	1839	rVB4	18916	11474	2.33%	0.262%
42	12.916	1839	1841	1843	rBV3	8531	7822	1.59%	0.178%
43	12.998	1852	1855	1859	rBV	266714	233732	47.42%	5.330%
44	13.139	1876	1879	1880	rBV3	12386	13812	2.80%	0.315%
45	13.233	1893	1895	1897	rBV3	11555	9544	1.94%	0.218%
46	13.292	1902	1905	1908	rBV5	17017	20299	4.12%	0.463%
47	13.451	1930	1932	1936	rVB5	14654	13428	2.72%	0.306%
48	13.480	1936	1937	1940	rBV3	10761	10656	2.16%	0.243%
49	13.580	1952	1954	1957	rBV3	20852	18015	3.66%	0.411%
50	13.627	1960	1962	1967	rVB6	17213	19626	3.98%	0.448%
51	13.910	2007	2010	2015	rBV7	37595	52169	10.58%	1.190%
52	14.057	2031	2035	2039	rBV	381733	385653	78.25%	8.795%
53	15.551	2285	2289	2293	rBV	183258	217675	44.17%	4.964%
54	17.850	2678	2680	2681	rBV2	18555	10708	2.17%	0.244%
55	18.345	2762	2764	2767	rBV4	16480	12932	2.62%	0.295%

Sum of corrected areas: 4384980

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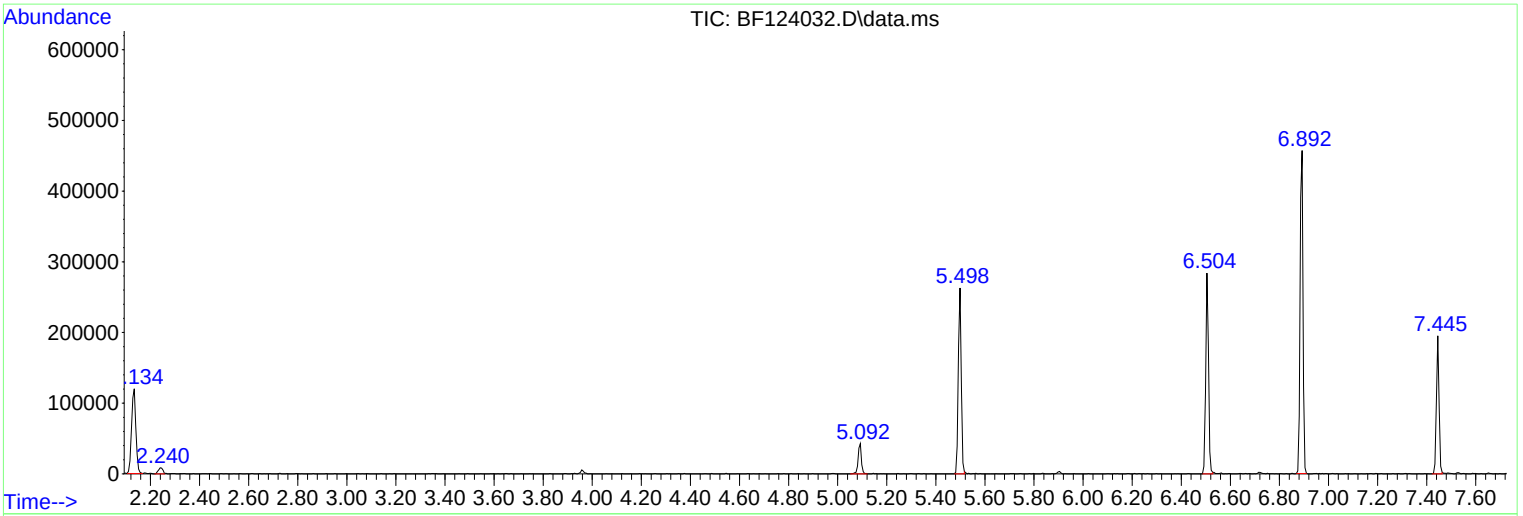
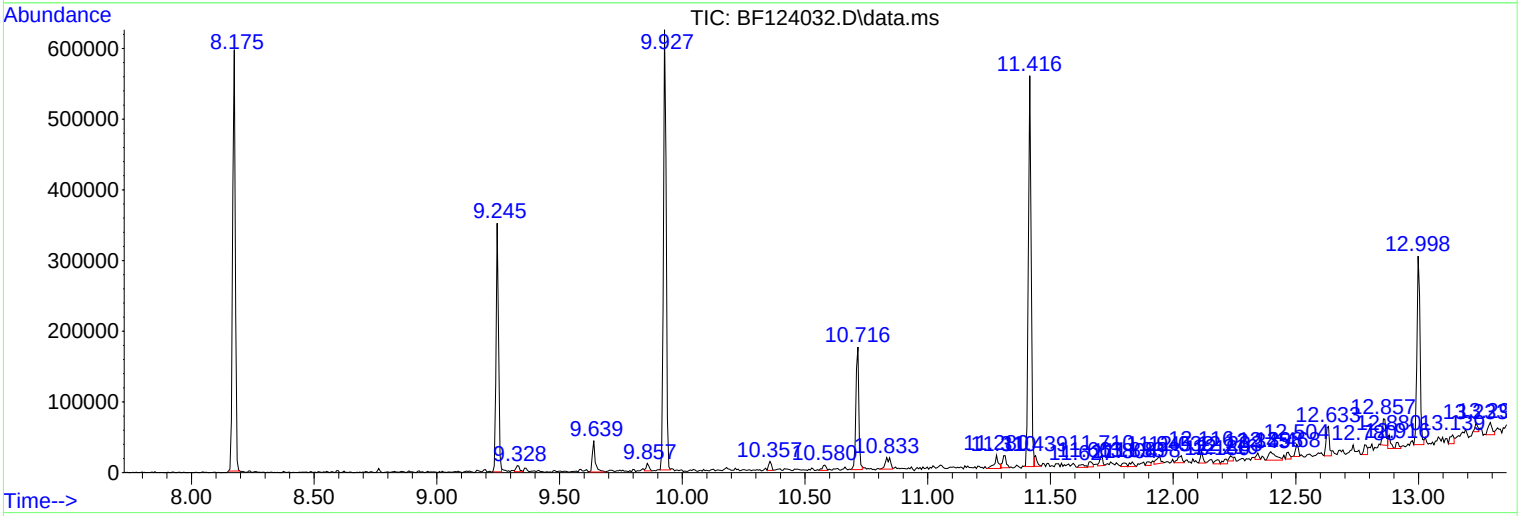
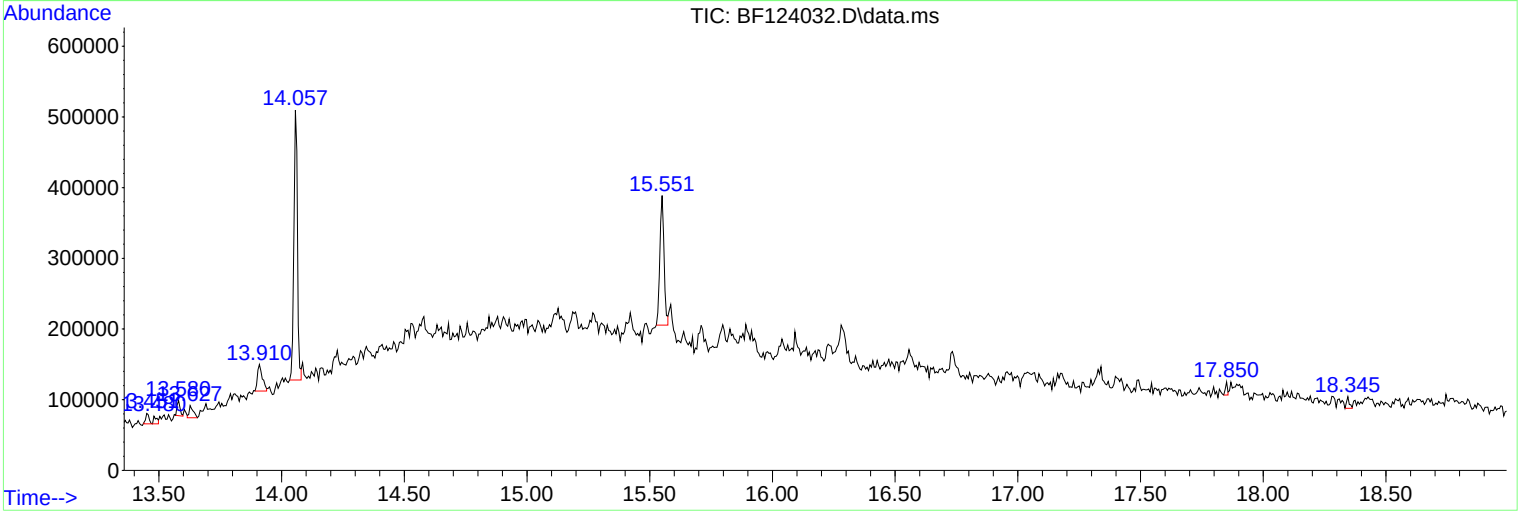
ClientSampleId :
SUBBASE-6-1-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.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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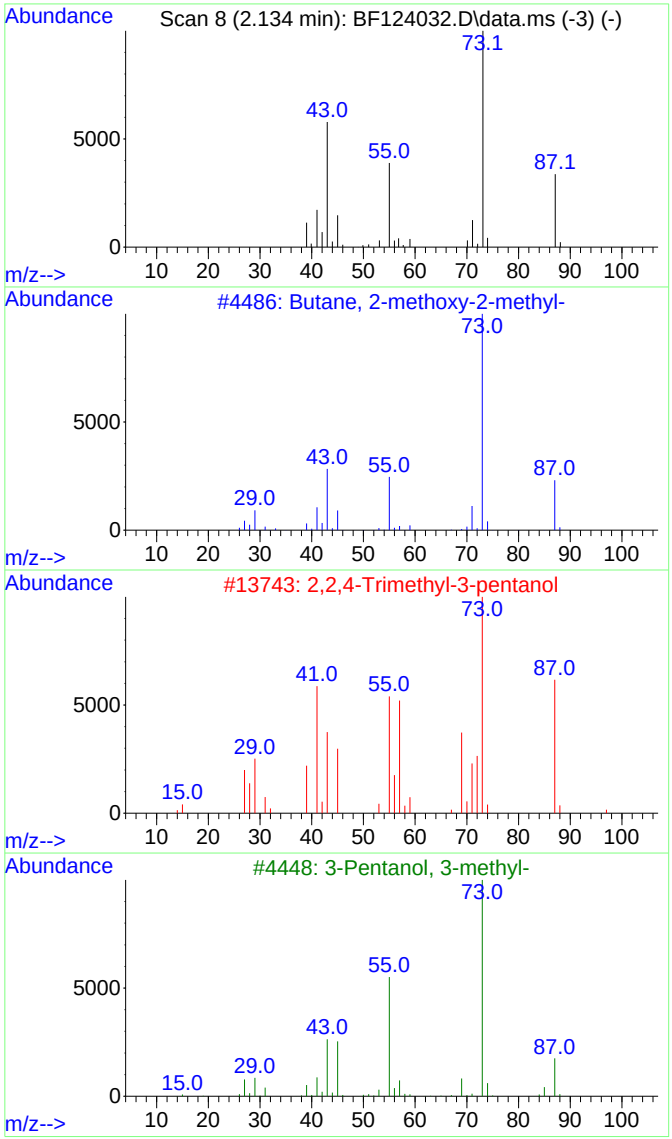
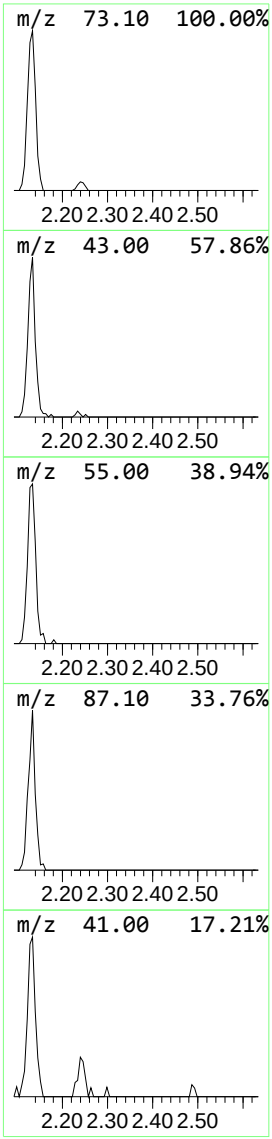
****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.134	7.76 ng	145838	1,4-Dichlorobenzene-d4	6.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	90
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	59
3	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	42
4	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	38
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	35





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Instrument :
BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
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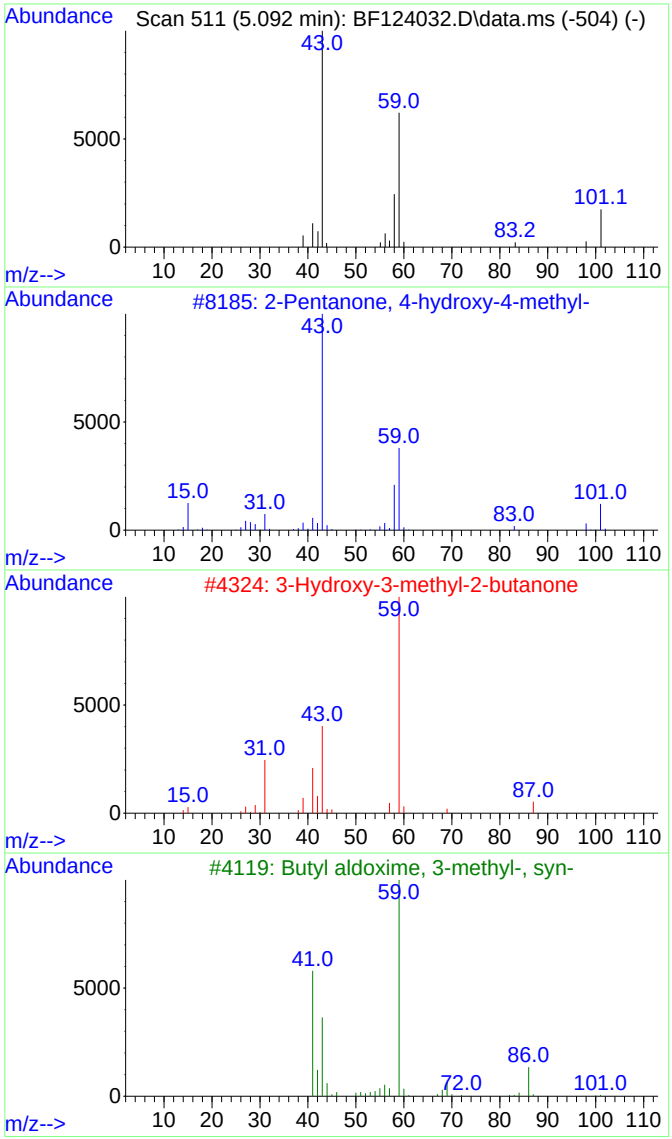
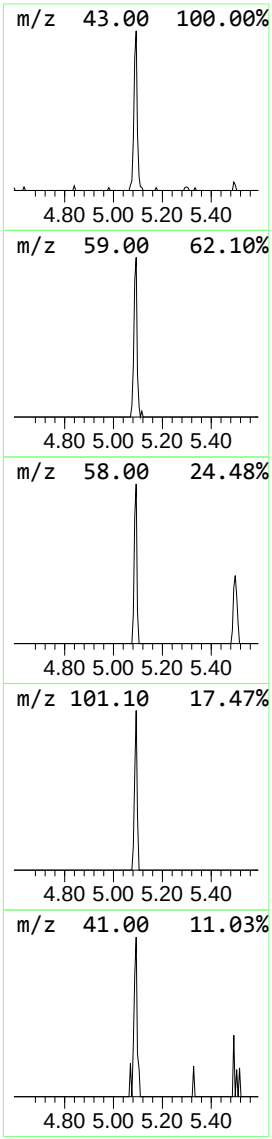
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.092	2.10 ng	39515	1,4-Dichlorobenzene-d4	6.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	78
2	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	17
3	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	17
4	Acetone	58	C3H6O	000067-64-1	9
5	3-Pentanol	88	C5H12O	000584-02-1	9





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ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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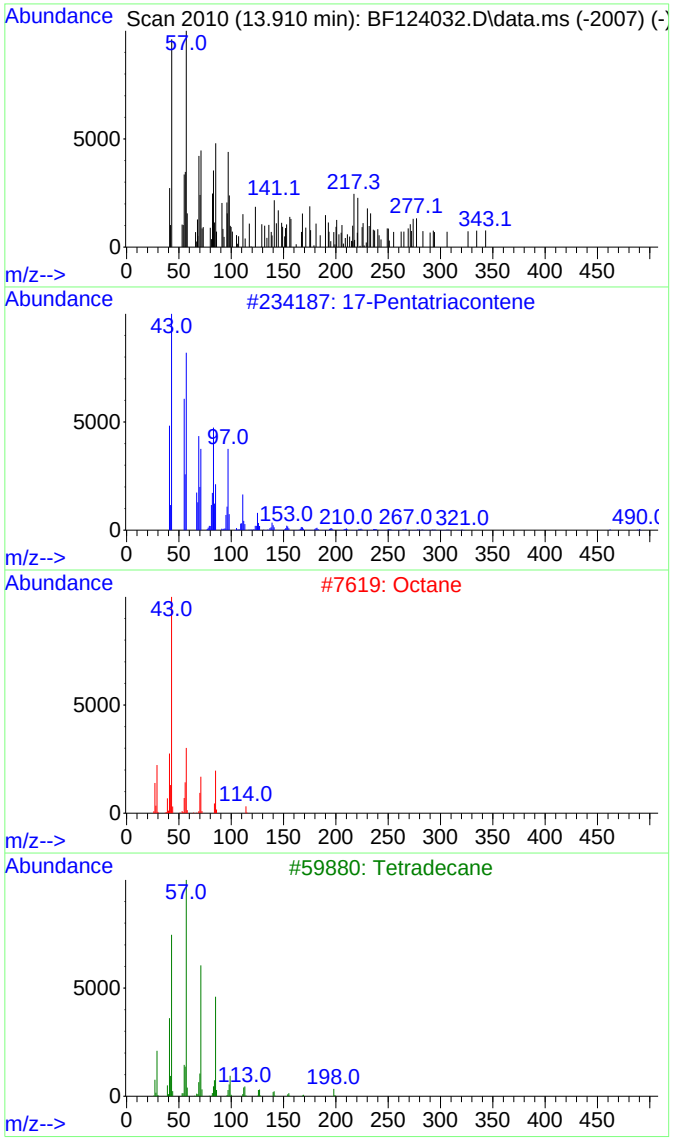
TIC Integration Parameters: LSCINT.P

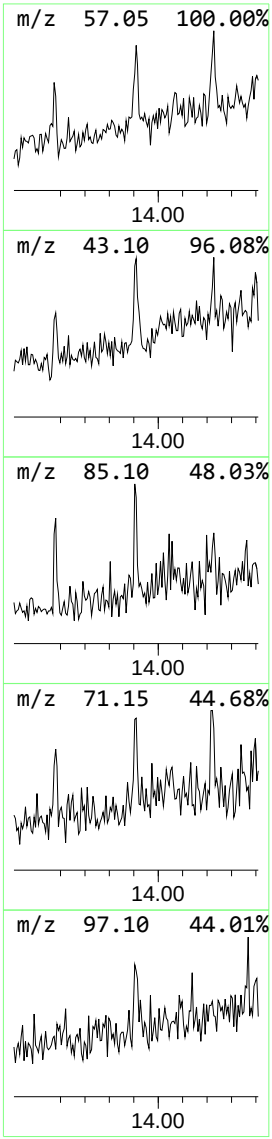
****

Peak Number 3 unknown13.910 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.910	2.71 ng	52169	Chrysene-d12	14.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Pentatriacontene	491	C35H70	006971-40-0	14
2	Octane	114	C8H18	000111-65-9	11
3	Tetradecane	198	C14H30	000629-59-4	11
4	Oxalic acid, isohexyl pentyl ester	244	C13H24O4	1000309-32-8	11
5	Undecane, 4-ethyl-	184	C13H28	017312-59-3	10





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	2.134	7.8	ng	145838	1	6.892	375706	20.0
2-Pentanone, 4-...	5.092	2.1	ng	39515	1	6.892	375706	20.0
unknown13.910	13.910	2.7	ng	52169	5	14.057	385653	20.0