LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050817\
Data File : BF094997.D
Acq On : 9 May 2017 00:22
Operator : SJ/MA
Sample : I3031-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1-3COMP

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-BF050217.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	5.031	522	526	545	rBV	160192	349880	11.29%	1.328%
2	5.660	628	633	662	rBV	1867413	2814381	90.83%	10.683%
3	7.260	899	905	920	rBV	1907313	2861119	92.34%	10.860%
4	7.378	920	925	941	rVB	2390960	3098539	100.00%	11.761%
5	7.713	978	982	992	rVB	459987	530238	17.11%	2.013%
6	7.954	1018	1023	1039	rBV	1979080	2311697	74.61%	8.775%
7	8.619	1130	1136	1152	rBV	1286208	1803955	58.22%	6.847%
8	9.730	1321	1325	1342	rBV	552136	778477	25.12%	2.955%
9	11.507	1622	1627	1647	rBV	2207112	2856953	92.20%	10.844%
10	12.201	1740	1745	1758	rVB	134730	181478	5.86%	0.689%
11	12.566	1802	1807	1822	rBV2	596311	846768	27.33%	3.214%
12	13.407	1945	1950	1956	rBV	46698	51792	1.67%	0.197%
13	13.860	2021	2027	2041	rBV	1263127	1812187	58.49%	6.879%
14	14.177	2077	2081	2084	rBV	47908	57195	1.85%	0.217%
15	14.965	2210	2215	2226	rVB	502528	664203	21.44%	2.521%
16	15.930	2373	2379	2388	rBV2	109484	153500	4.95%	0.583%
17	17.024	2561	2565	2568	rBV	32870	42872	1.38%	0.163%
18	17.130	2579	2583	2591	rVB2	35587	44239	1.43%	0.168%
19	17.295	2605	2611	2614	rBV	2027898	2485709	80.22%	9.435%
20	17.989	2719	2729	2739	rBV	902028	1152528	37.20%	4.375%
21	18.089	2744	2746	2756	rVB	41979	54190	1.75%	0.206%
22	18.571	2820	2828	2829	rBV3	33220	56929	1.84%	0.216%
23	18.630	2834	2838	2852	rVB	542183	658498	21.25%	2.499%
24	19.653	3009	3012	3016	rBV2	43524	50757	1.64%	0.193%
25	19.765	3027	3031	3036	rBV	36682	43054	1.39%	0.163%
26	19.900	3051	3054	3058	rBV2	31386	45569	1.47%	0.173%
27	20.247	3109	3113	3118	rVV	35577	47116	1.52%	0.179%
28	20.300	3118	3122	3132	rVB	379228	491667	15.87%	1.866%

Sum of corrected areas: 26345490

LSC Report - Integrated Chromatogram

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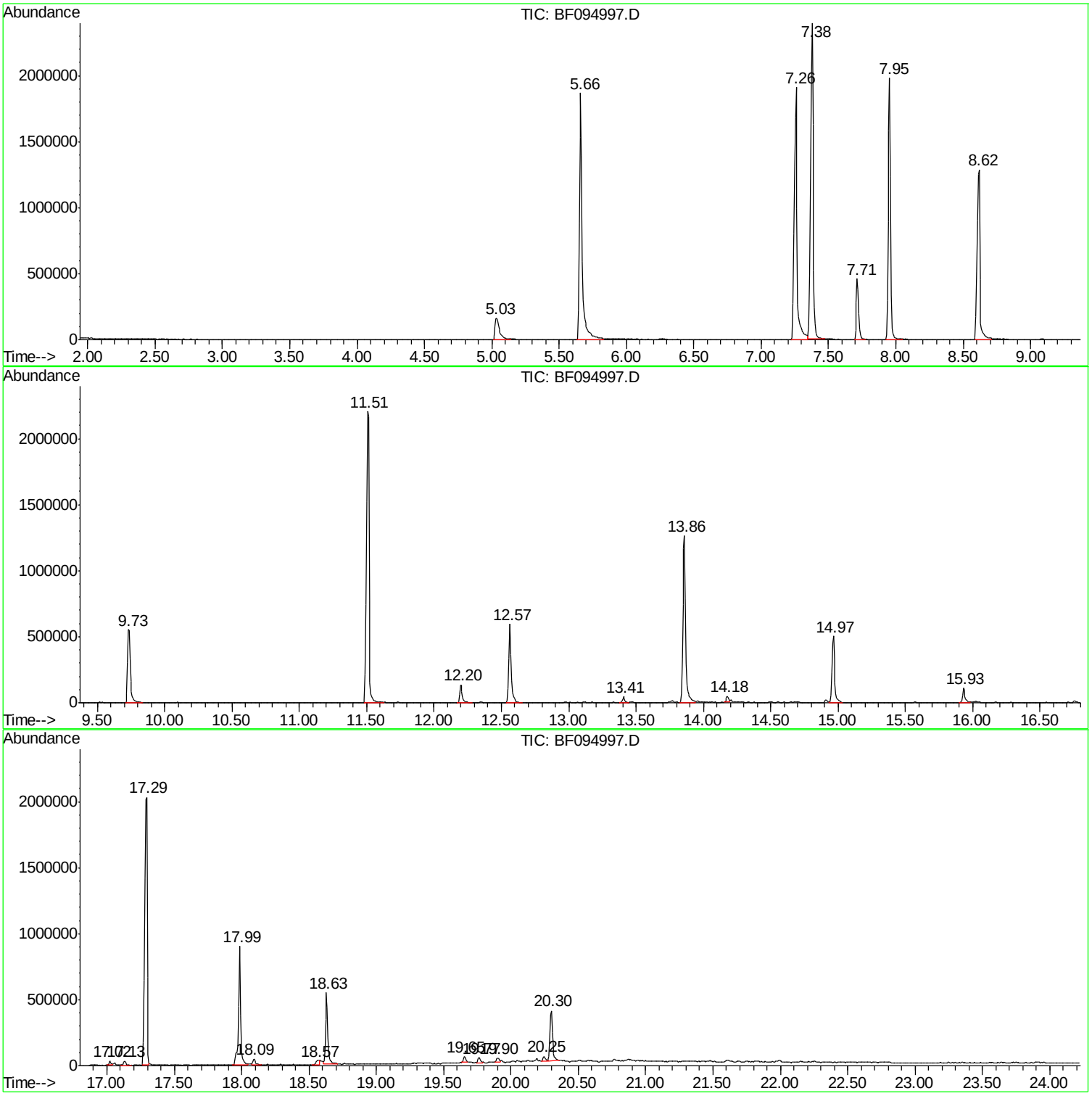
Instrument : BNA_F
ClientSampleId : TP-1-3COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.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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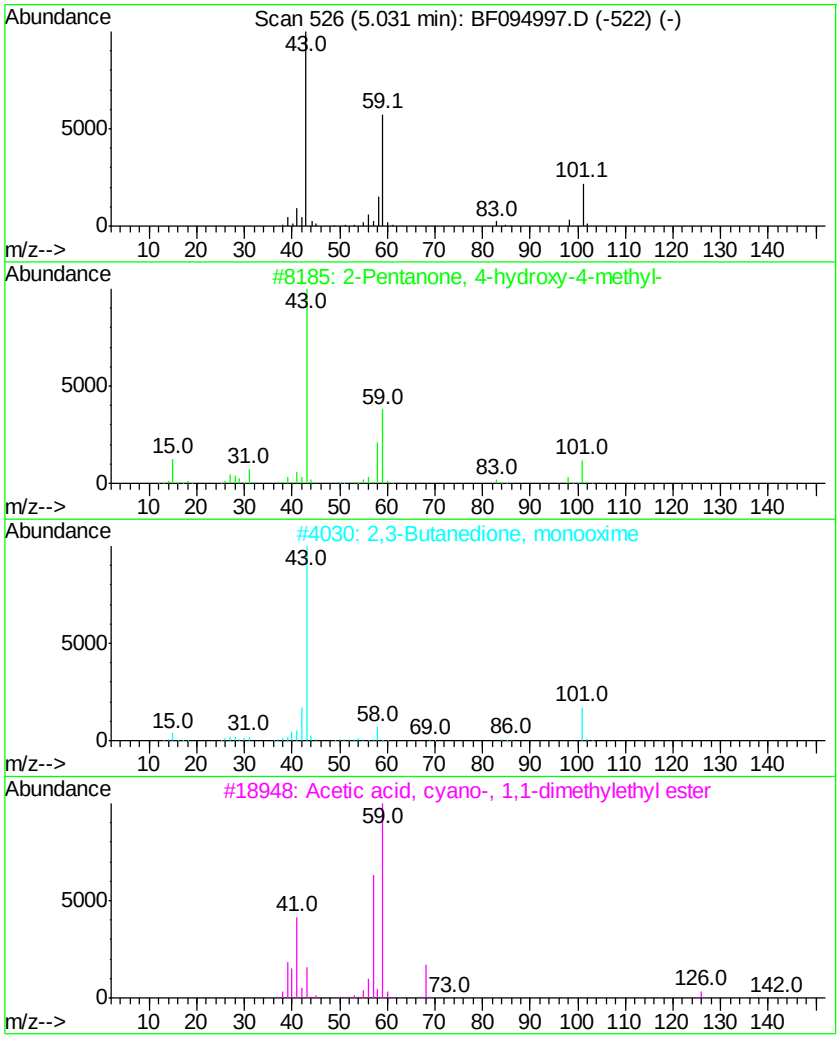
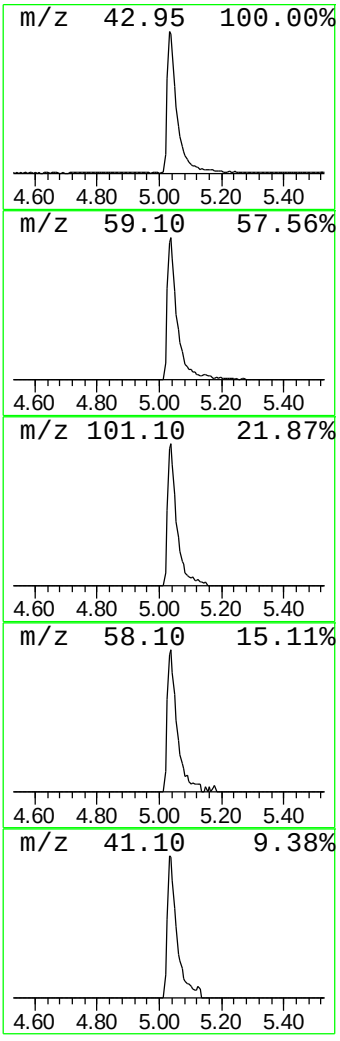
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.03	13.20 ng	349880	1,4-Dichlorobenzene-d4	7.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9





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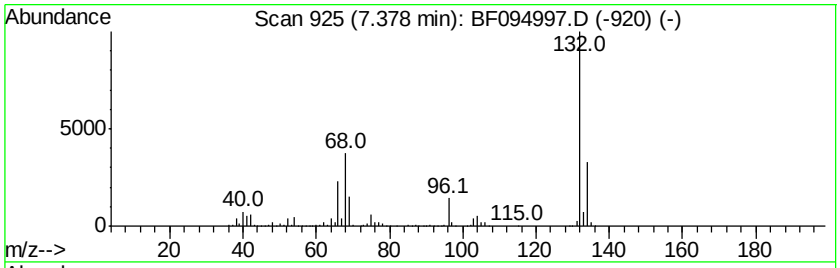
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

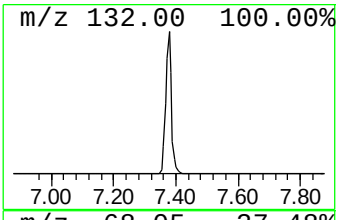
****

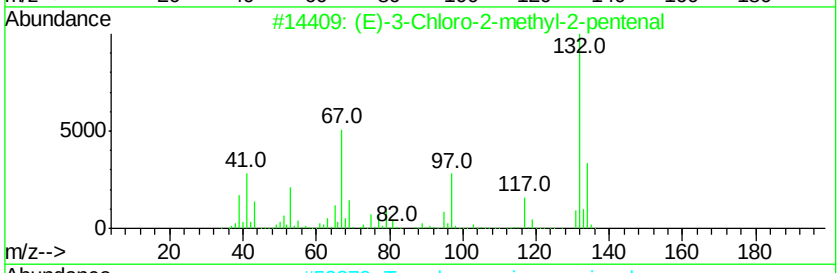
Peak Number 2 unknown7.38 Concentration Rank 1

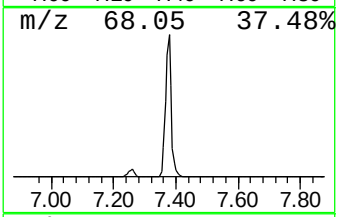
R.T.	EstConc	Area	Relative to ISTD	R.T.
7.38	116.87 ng	3098540	1,4-Dichlorobenzene-d4	7.71

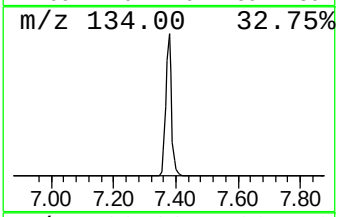
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
5	Xenon	132	Xe	007440-63-3	9

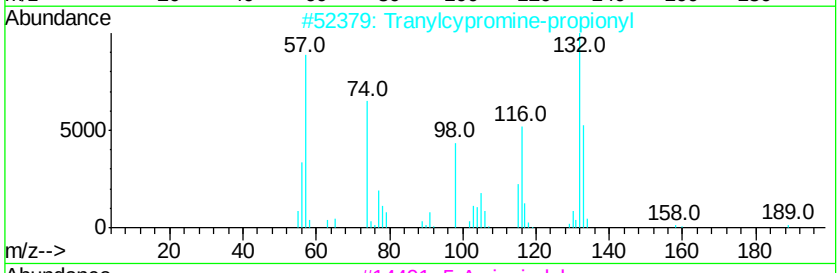


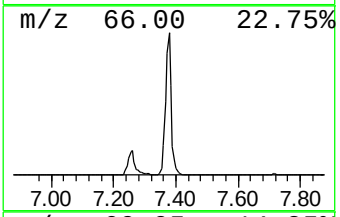


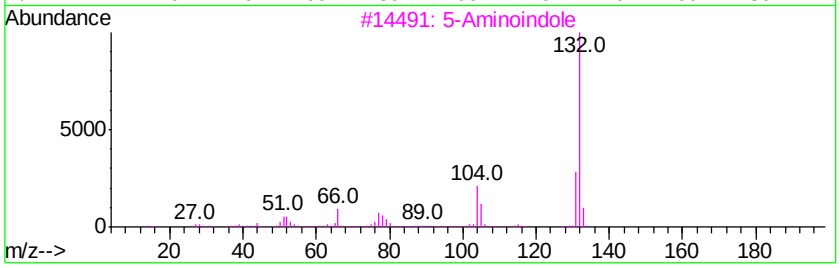


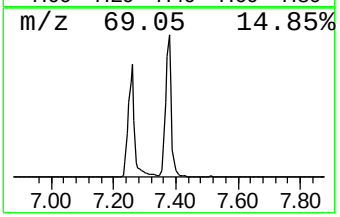












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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
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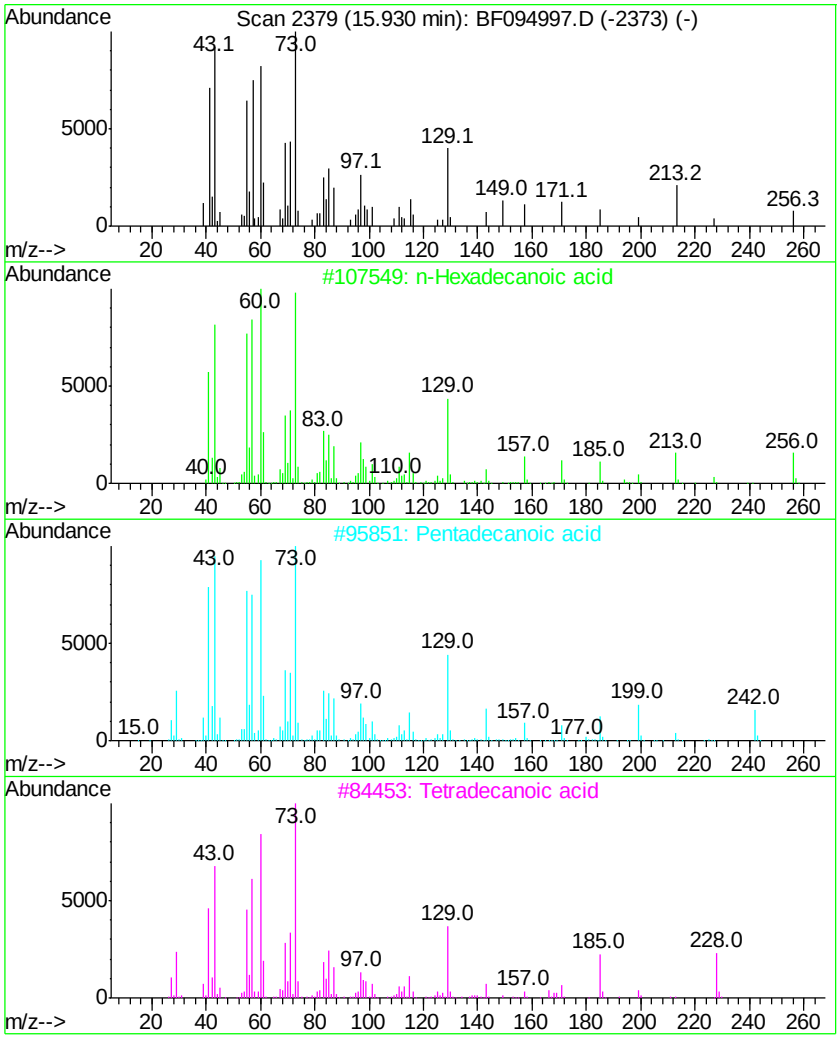
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

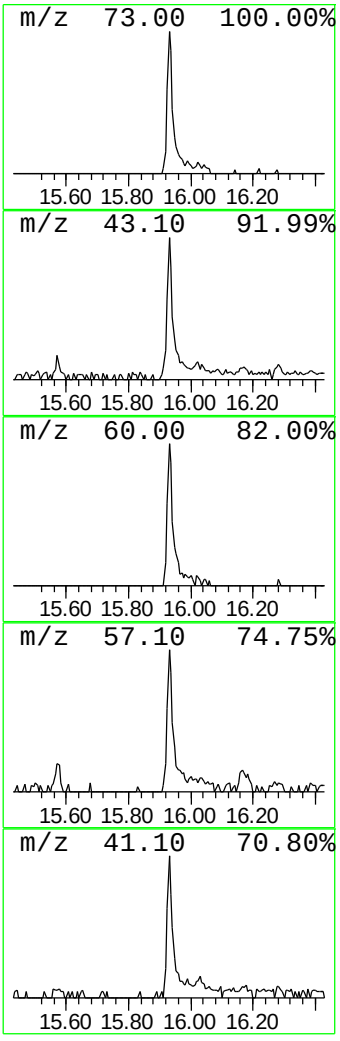
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.93	4.62 ng	153500	Phenanthrene-d10	14.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4	Tridecanoic acid	214	C13H26O2	000638-53-9	72
5	Dodecanoic acid	200	C12H24O2	000143-07-7	64





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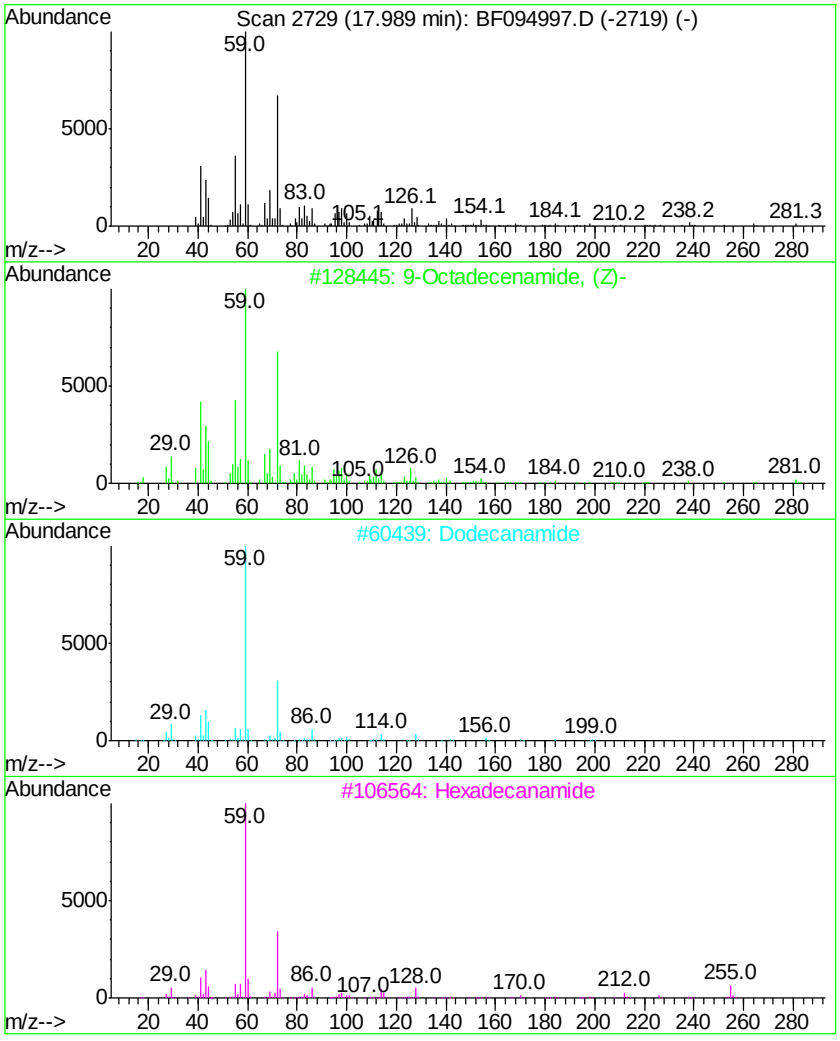
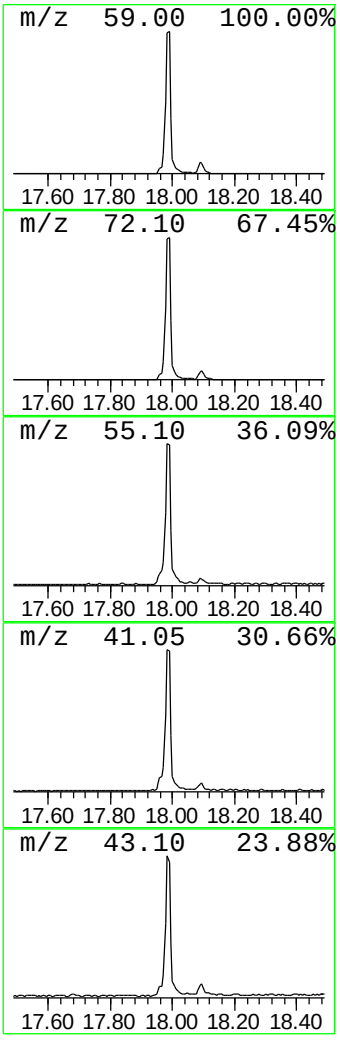
****

Peak Number 5 9-Octadecenamide, (Z)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	35.00 ng	1152530	Chrysene-d12	18.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	98
2	Dodecanamide	199	C12H25NO	001120-16-7	72
3	Hexadecanamide	255	C16H33NO	000629-54-9	64
4	Octanamide	143	C8H17NO	000629-01-6	59
5	Undecanamide, 11-bromo-	263	C11H22BrNO	005875-26-3	59





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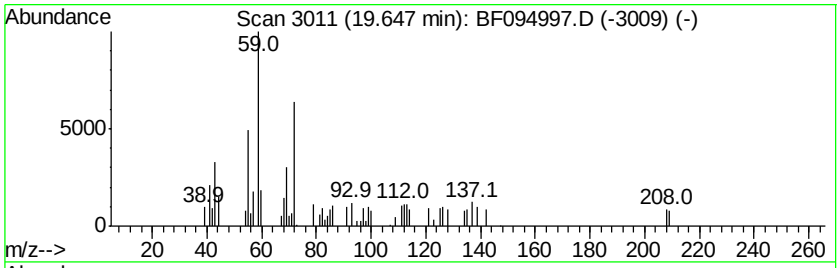
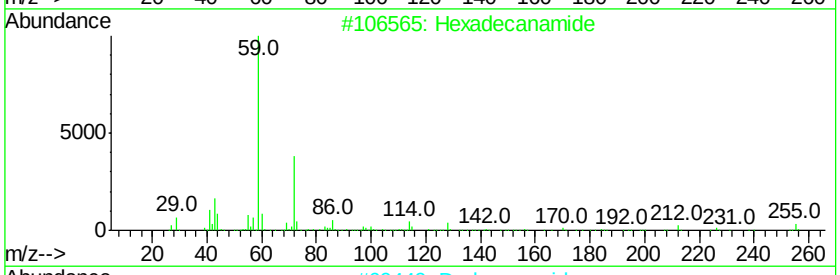
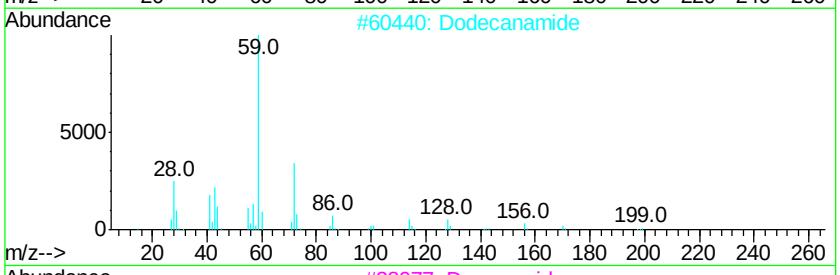
Peak Number 6 Hexadecanamide Concentration Rank 6

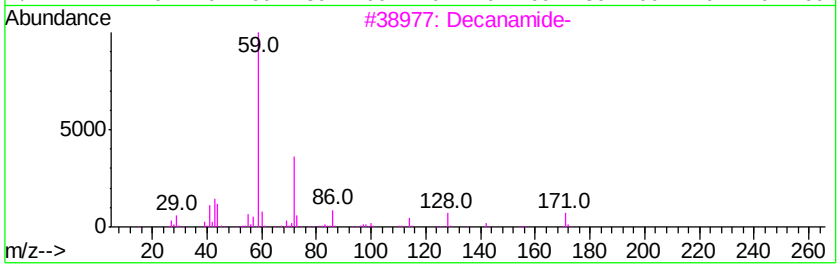
R.T.	EstConc	Area	Relative to ISTD	R.T.
19.65	2.06 ng	50757	Perylene-d12	20.30

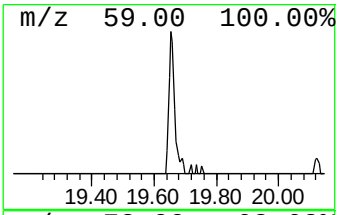
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanamide	255	C16H33NO	000629-54-9	64
2	Dodecanamide	199	C12H25NO	001120-16-7	59
3	Decanamide-	171	C10H21NO	002319-29-1	59
4	Tetradecanamide	227	C14H29NO	000638-58-4	56
5	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	50

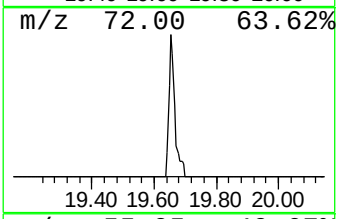


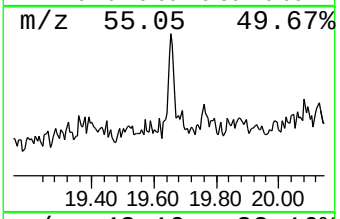


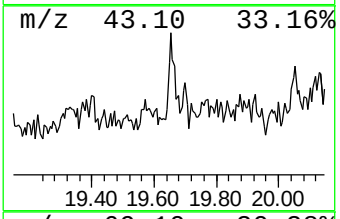


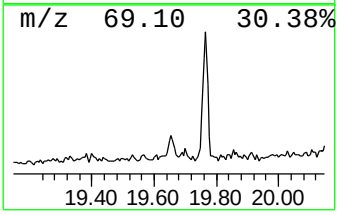












Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.03	13.2	ng	349880	1	7.71	530238	20.0
unknown7.38	7.38	116.9	ng	3098540	1	7.71	530238	20.0
n-Hexadecanoic acid	15.93	4.6	ng	153500	4	14.97	664203	20.0
9-Octadecenamide,...	17.99	35.0	ng	1152530	5	18.63	658498	20.0
Hexadecanamide	19.65	2.1	ng	50757	6	20.30	491667	20.0