

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM072618\
 Data File : BM016077.D
 Acq On : 26 Jul 2018 18:08
 Operator : SJ/JU
 Sample : PB111401BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB111401BL

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM072318.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	5.240	327	332	345	rBV	192546	295541	4.43%	0.968%
2	5.722	408	414	426	rBV	1710756	2473086	37.06%	8.103%
3	7.369	687	694	706	rBV	1703451	2650613	39.72%	8.685%
4	7.734	748	756	768	rBV	1841449	2831477	42.43%	9.278%
5	8.204	829	836	847	rVB	294128	465552	6.98%	1.525%
6	8.528	884	891	903	rVB	1292379	2040784	30.58%	6.687%
7	9.392	1031	1038	1051	rBV	965870	1599630	23.97%	5.241%
8	11.028	1309	1316	1323	rBV	335963	558908	8.38%	1.831%
9	13.457	1722	1729	1738	rBV	2576305	3572824	53.54%	11.707%
10	14.698	1929	1940	1957	rBV2	56915	192771	2.89%	0.632%
11	14.833	1957	1963	1973	rVB2	496918	743113	11.14%	2.435%
12	16.315	2209	2215	2226	rBV	2612147	3477390	52.11%	11.394%
13	17.562	2421	2427	2437	rVB2	638827	893586	13.39%	2.928%
14	18.409	2564	2571	2583	rBV	87215	147486	2.21%	0.483%
15	19.662	2780	2784	2791	rBV	77285	108978	1.63%	0.357%
16	20.139	2859	2865	2870	rBV	6163029	6672778	100.00%	21.864%
17	21.680	3123	3127	3134	rBV	812506	1018579	15.26%	3.337%
18	24.044	3523	3529	3539	rVB2	398191	776329	11.63%	2.544%

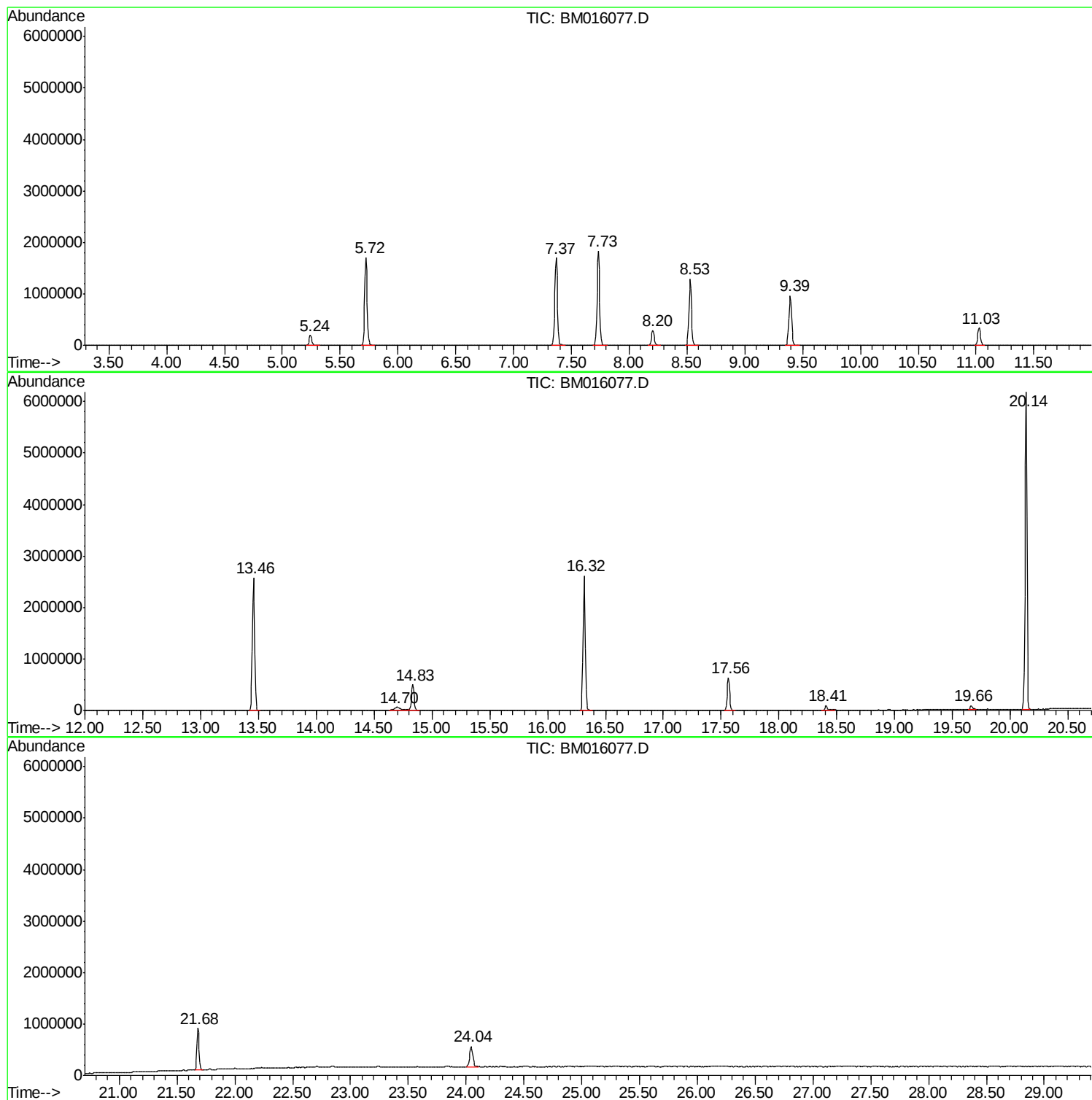
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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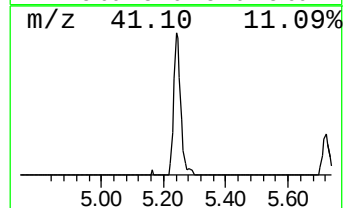
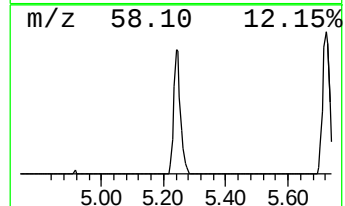
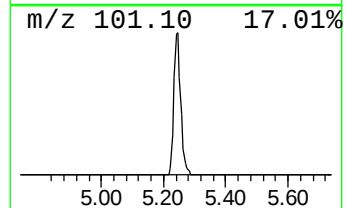
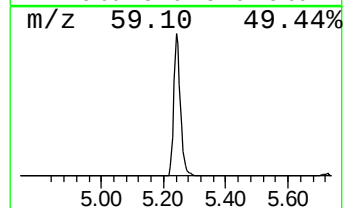
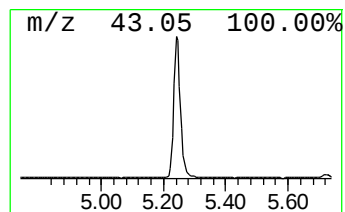
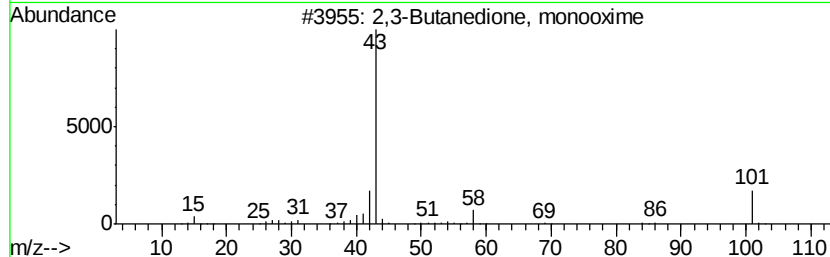
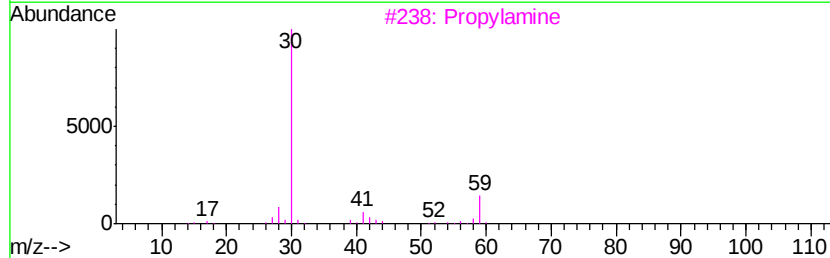
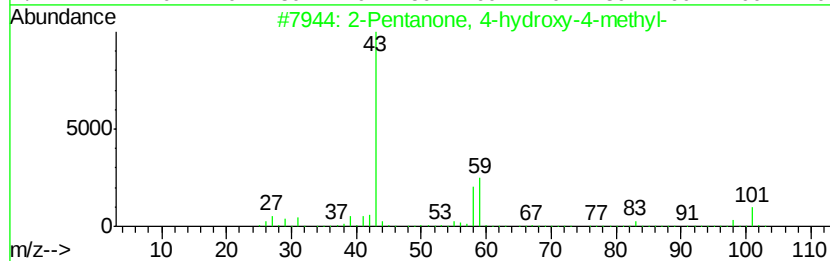
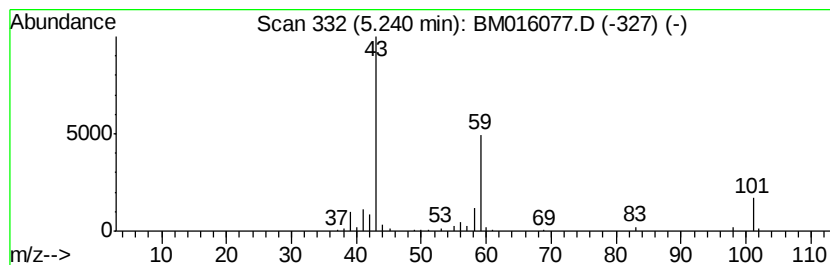
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.24	12.70 ng	295541	1,4-Dichlorobenzene-d4	8.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2		Propylamine	59	C3H9N	000107-10-8	40
3		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27
4		Butane, 1-(1-methylethoxy)-	116	C7H16O	001860-27-1	25
5		Butane	58	C4H10	000106-97-8	22



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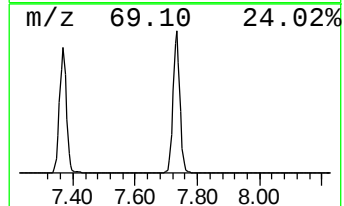
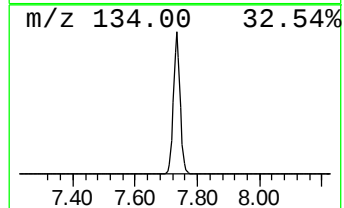
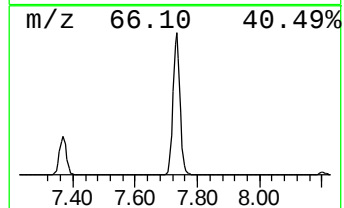
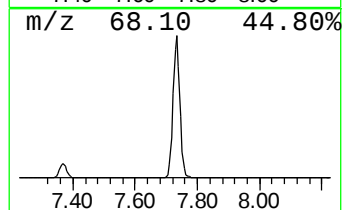
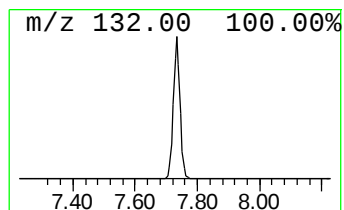
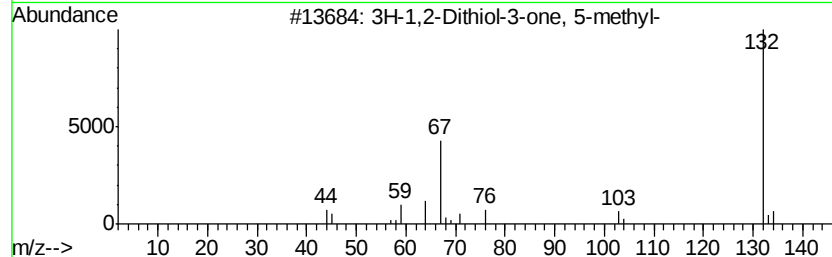
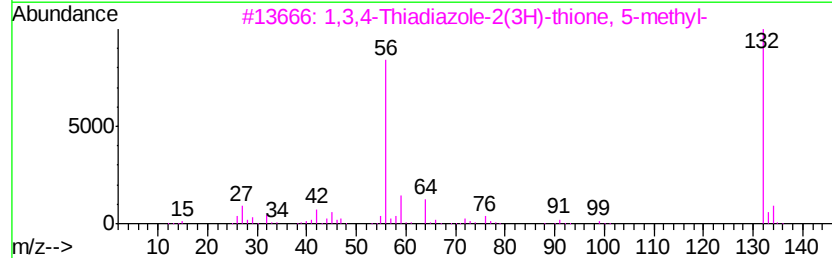
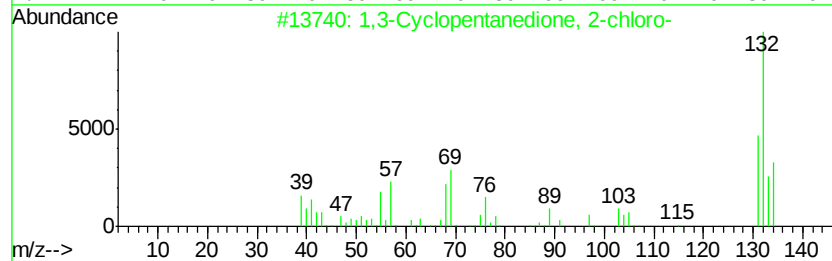
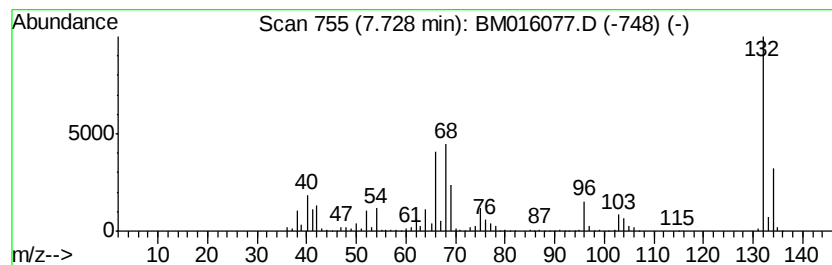
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Peak Number 2 unknown7.73 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.73	121.64 ng	2831480	1,4-Dichlorobenzene-d4	8.20

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	32
2			1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	27
3			3H-1,2-Dithiol-3-one, 5-methyl-	132	C4H4OS2	003620-08-4	27
4			Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	14
5			Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	12



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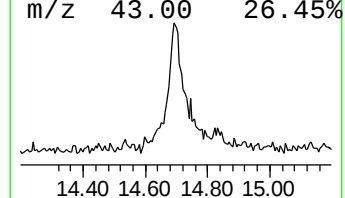
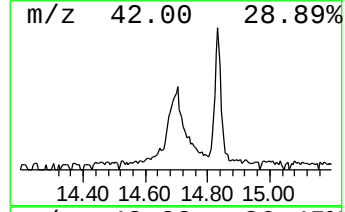
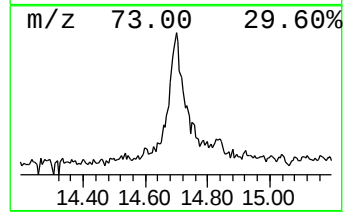
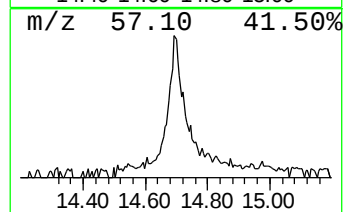
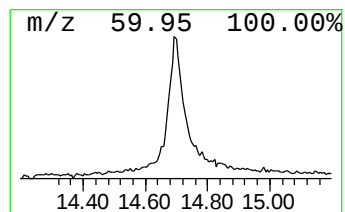
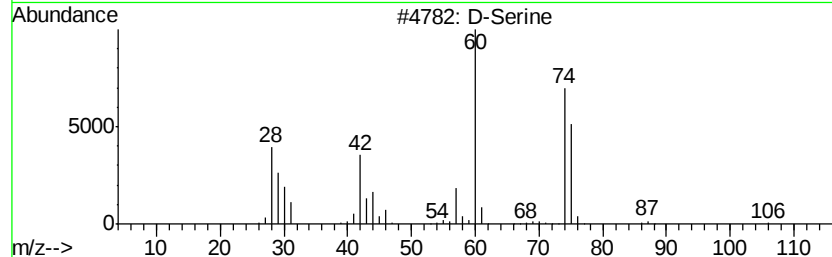
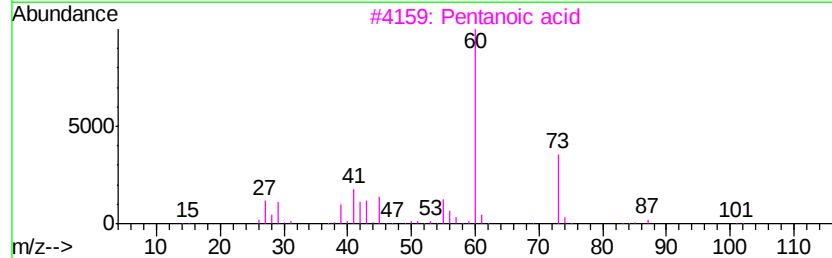
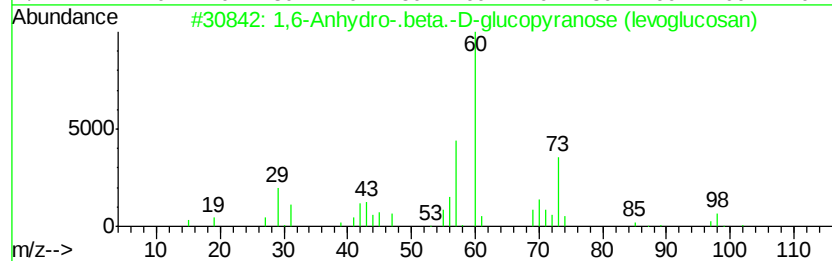
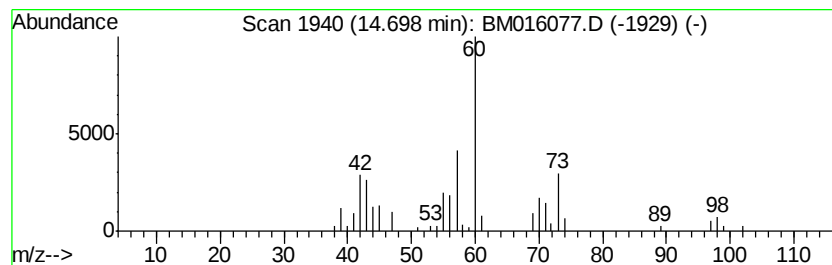
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Peak Number 4 1,6-Anhydro-.beta.-D-glucop... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.
14.70	5.19 ng	192771	Acenaphthene-d10		14.83
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,6-Anhydro-.beta.-D-glucopyrano...	162	C6H10O5	000498-07-7	59
2	Pentanoic acid	102	C5H10O2	000109-52-4	47
3	D-Serine	105	C3H7NO3	000312-84-5	43
4	Heptanoic acid	130	C7H14O2	000111-14-8	42
5	3,4-Altrosan	162	C6H10O5	1000129-76-4	37



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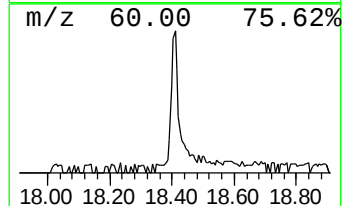
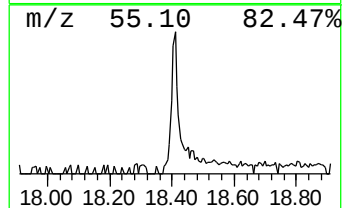
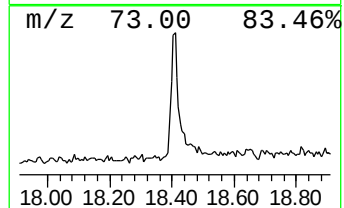
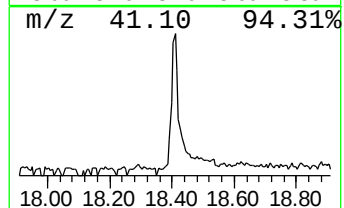
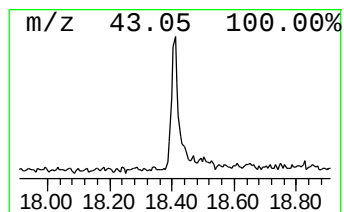
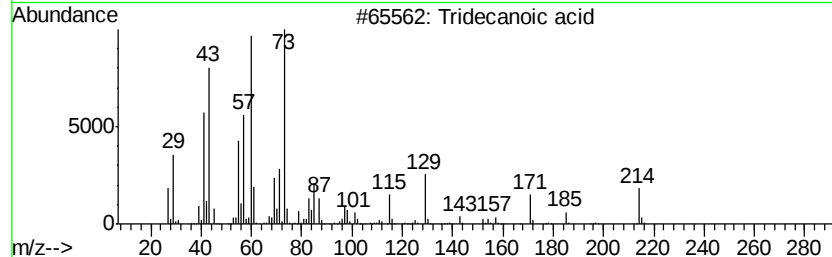
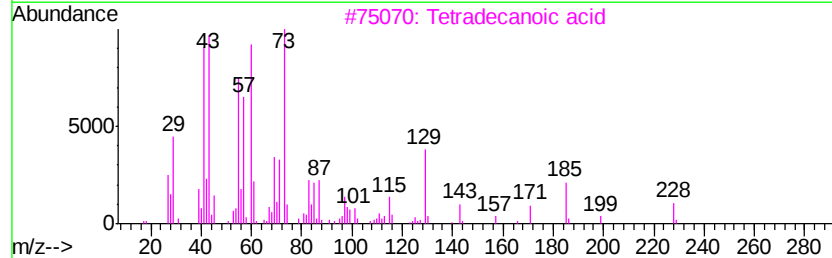
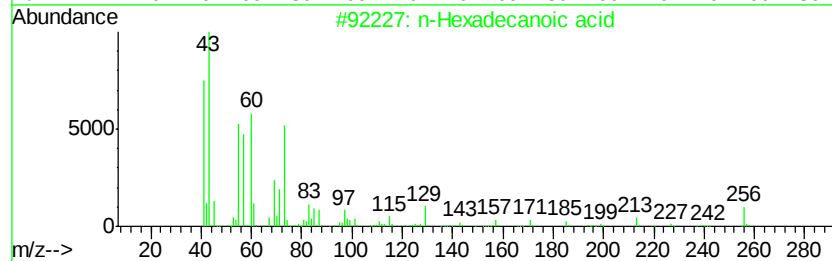
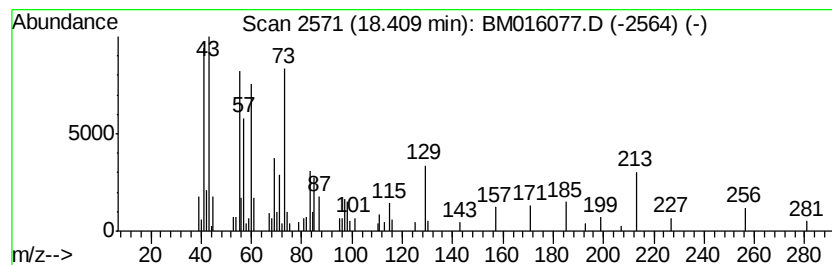
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Peak Number 5 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.41	3.30 ng	147486	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
3	Tridecanoic acid	214	C13H26O2	000638-53-9	53
4	n-Decanoic acid	172	C10H20O2	000334-48-5	46
5	Dodecanoic acid	200	C12H24O2	000143-07-7	45



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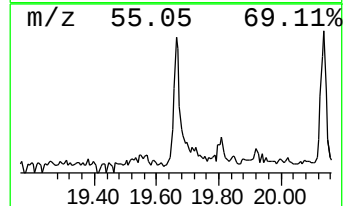
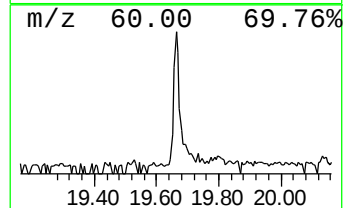
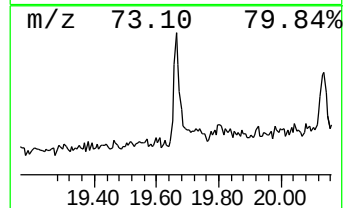
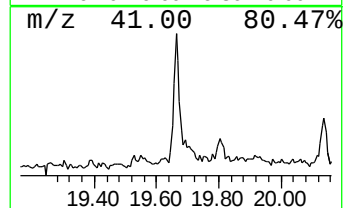
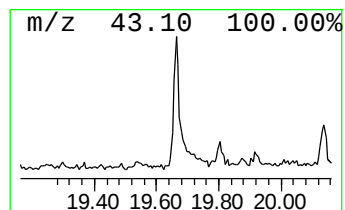
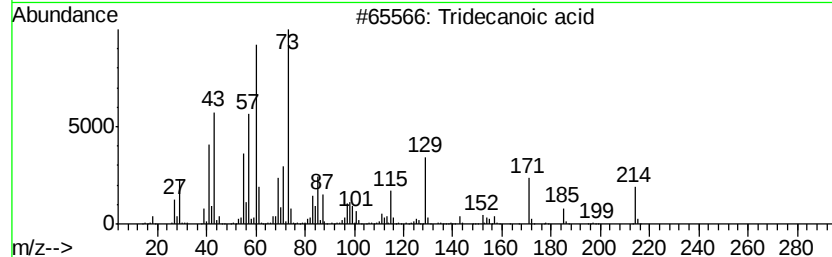
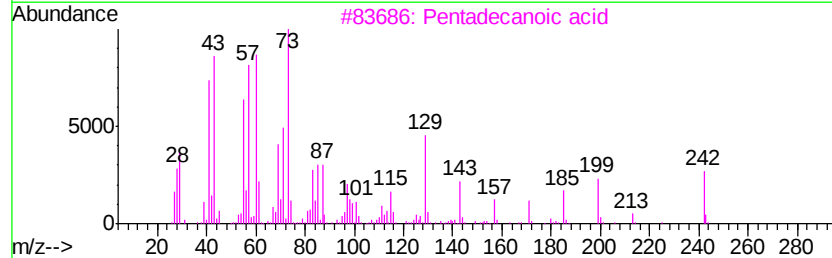
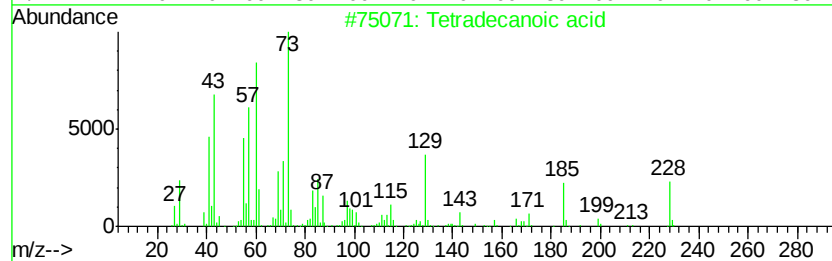
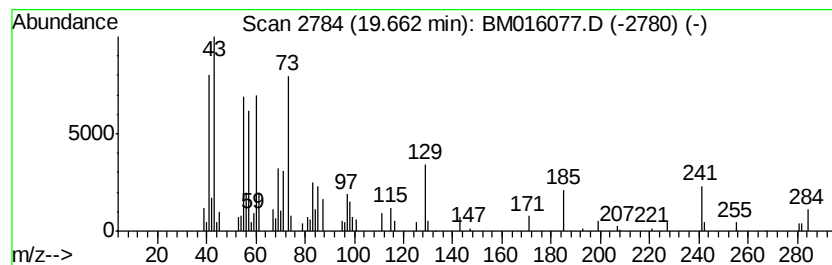
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Peak Number 6 Tetradecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.66	2.14 ng	108978	Chrysene-d12	21.68

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecanoic acid	228	C14H28O2	000544-63-8	68
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	62
3		Tridecanoic acid	214	C13H26O2	000638-53-9	58
4		Dodecanoic acid	200	C12H24O2	000143-07-7	52
5		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	43



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TIC Library : C:\DATABASE\NIST02.L
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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.24	12.7	ng	295541	1	8.20	465552	20.0
unknown7.73	7.73	121.6	ng	2831480	1	8.20	465552	20.0
1,6-Anhydro-.beta...	14.70	5.2	ng	192771	3	14.83	743113	20.0
n-Hexadecanoic acid	18.41	3.3	ng	147486	4	17.56	893586	20.0
Tetradecanoic acid	19.66	2.1	ng	108978	5	21.68	1018580	20.0