

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042018\
 Data File : BG033885.D
 Acq On : 20 Apr 2018 14:24
 Operator : SJ/JU
 Sample : J2448-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EPE-118-1(0-5)

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_G\METHODS\8270-BG041918.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	4.998	286	291	301	rVB	71641	107480	1.37%	0.337%
2	5.444	360	367	385	rVB	1215521	1934655	24.71%	6.067%
3	7.001	624	632	643	rBV	1250098	2170809	27.73%	6.807%
4	7.371	686	695	703	rBV	1235350	2068087	26.42%	6.485%
5	7.835	764	774	781	rBV	285093	478516	6.11%	1.501%
6	8.153	820	828	837	rBV	914057	1564694	19.99%	4.907%
7	8.981	960	969	982	rBV	759319	1326275	16.94%	4.159%
8	10.620	1238	1248	1257	rBV	387391	695973	8.89%	2.183%
9	13.094	1661	1669	1675	rBV	2123877	3274552	41.83%	10.269%
10	13.928	1805	1811	1817	rBV	90630	131080	1.67%	0.411%
11	14.469	1896	1903	1910	rBV2	604536	991579	12.67%	3.110%
12	15.955	2149	2156	2170	rVB	1845569	2831720	36.17%	8.880%
13	17.219	2364	2371	2381	rBV2	848500	1270618	16.23%	3.985%
14	18.141	2522	2528	2544	rBV	310453	539635	6.89%	1.692%
15	19.422	2742	2746	2759	rBV	178109	319901	4.09%	1.003%
16	19.575	2768	2772	2776	rBV	72313	84882	1.08%	0.266%
17	19.863	2814	2821	2826	rBV	5674472	7829115	100.00%	24.552%
18	20.562	2930	2940	2946	rBV	469084	880713	11.25%	2.762%
19	20.609	2946	2948	2955	rVV	193395	273194	3.49%	0.857%
20	20.667	2955	2958	2965	rVB	63452	88394	1.13%	0.277%
21	21.478	3089	3096	3105	rVB2	917004	1486519	18.99%	4.662%
22	21.637	3118	3123	3128	rBV2	47465	91084	1.16%	0.286%
23	24.539	3605	3617	3632	rBV2	533496	1449053	18.51%	4.544%

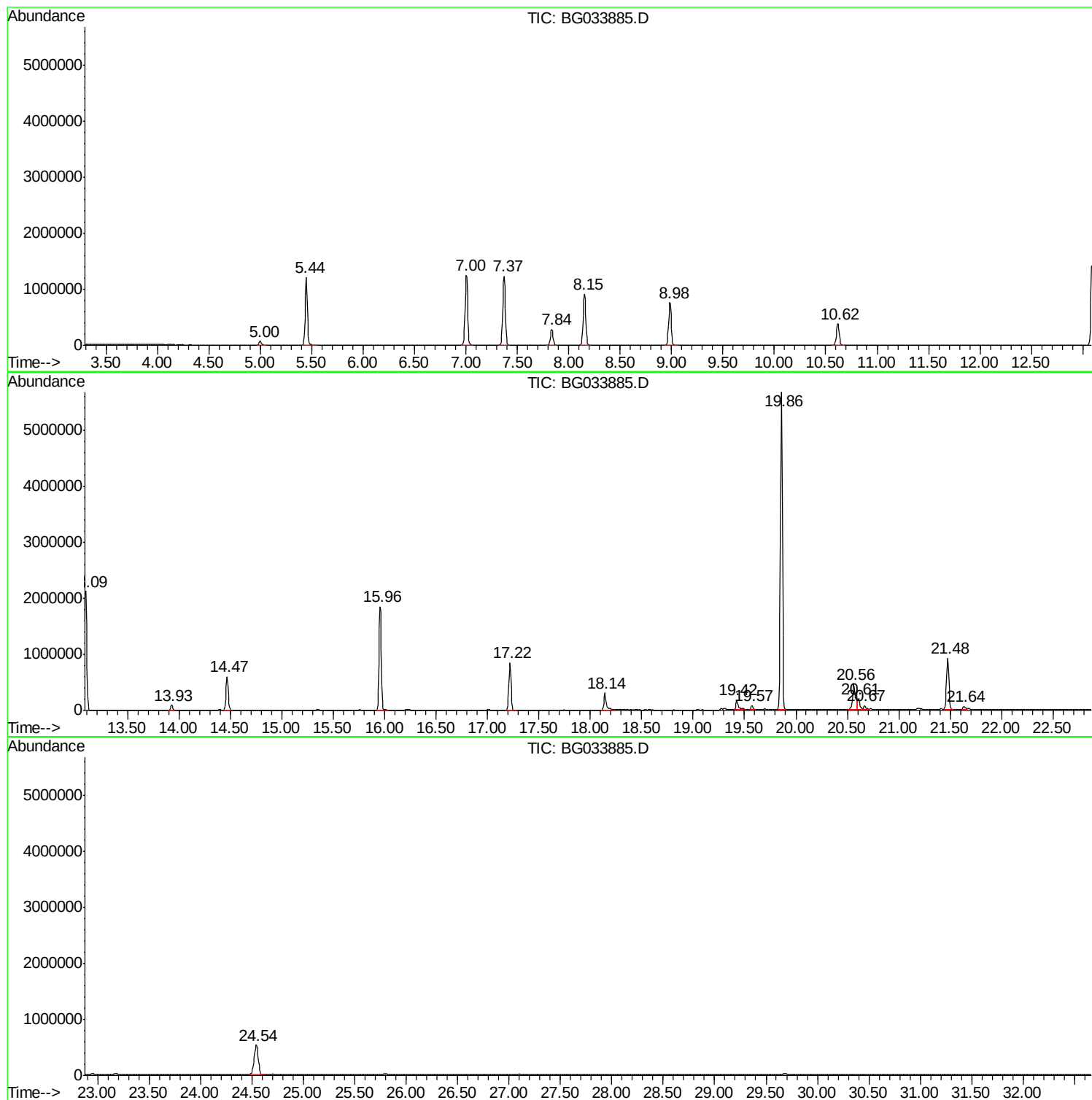
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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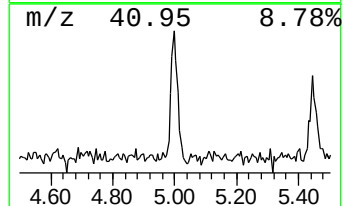
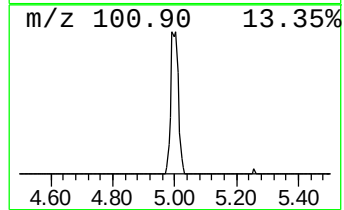
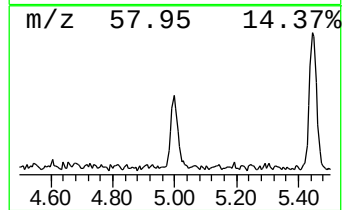
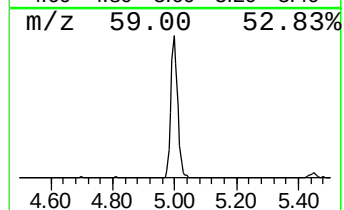
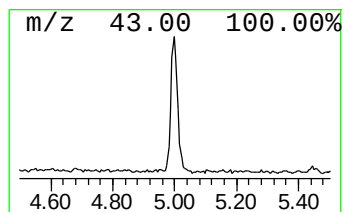
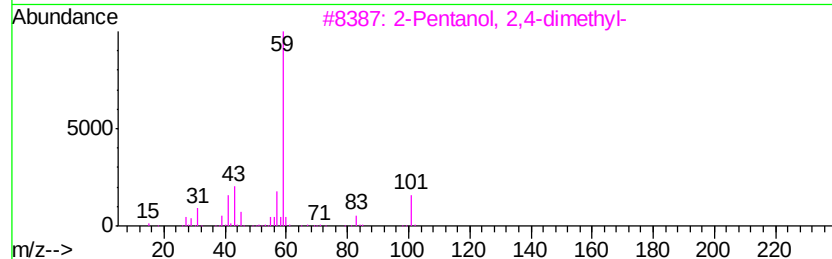
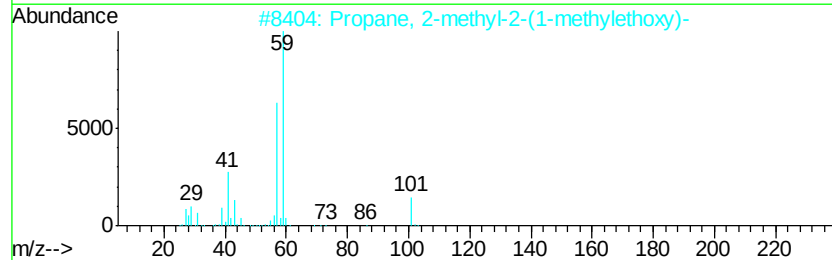
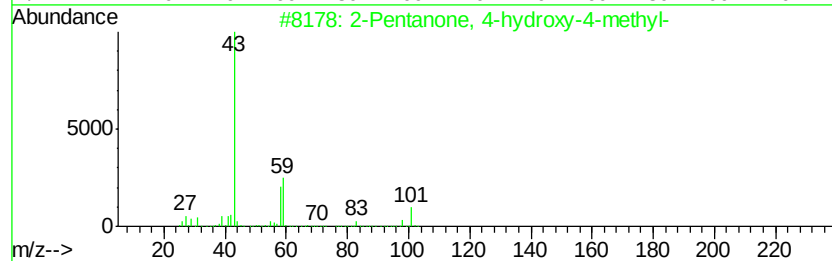
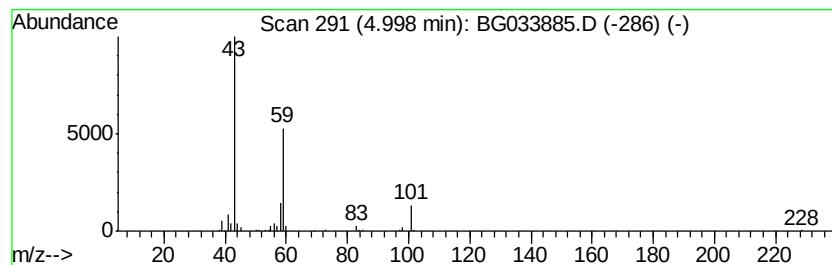
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.00	4.49 ng	107480	1,4-Dichlorobenzene-d4	7.84

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2		000123-42-2	64
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O		017348-59-3	40
3	2-Pentanol, 2,4-dimethyl-	116	C7H16O		000625-06-9	38
4	3-Octanol	130	C8H18O		000589-98-0	33
5	3-Heptanol, 4-methyl-	130	C8H18O		014979-39-6	28



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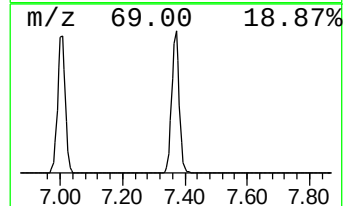
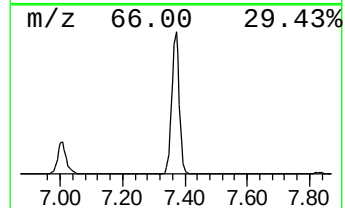
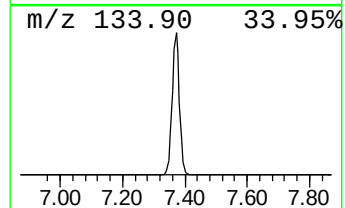
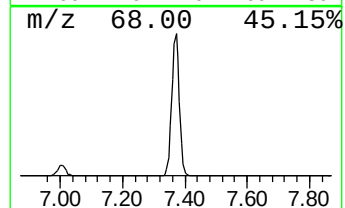
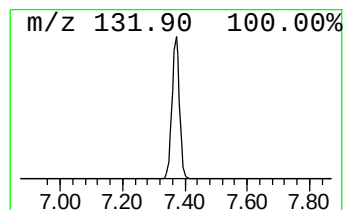
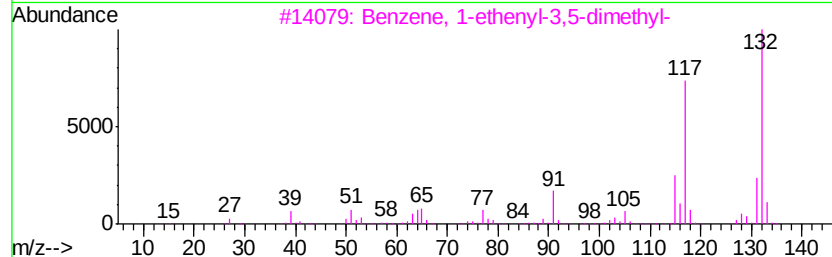
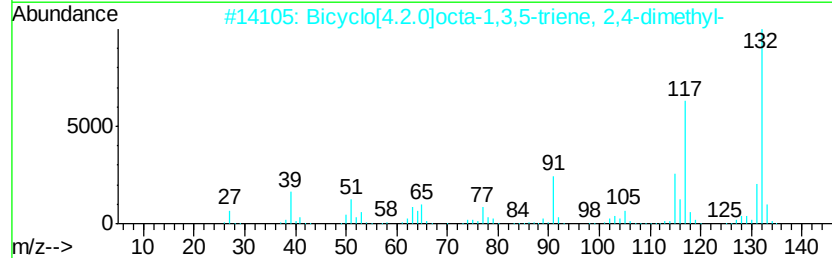
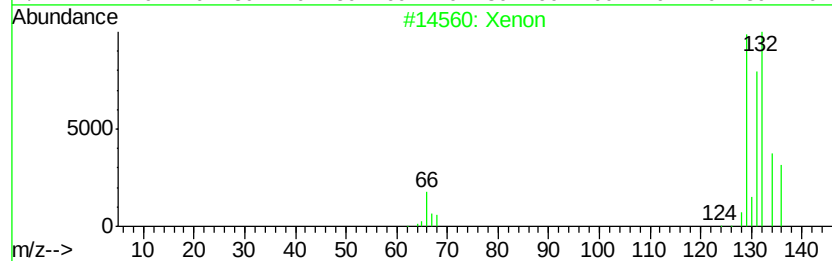
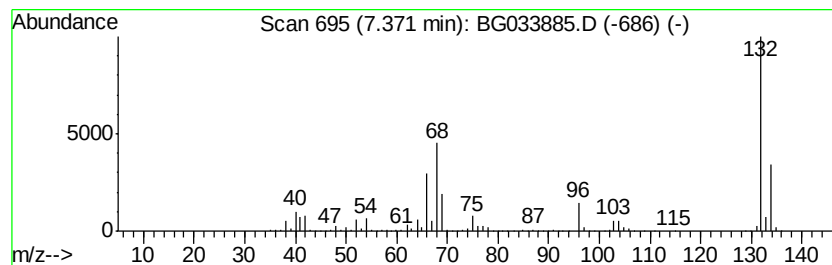
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Peak Number 2 unknown7.37 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.37	86.44 ng	2068090	1,4-Dichlorobenzene-d4	7.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Xenon	132	Xe	007440-63-3	9
2		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
3		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
4		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9



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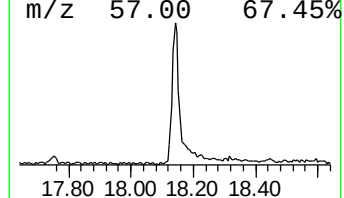
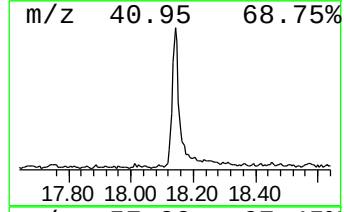
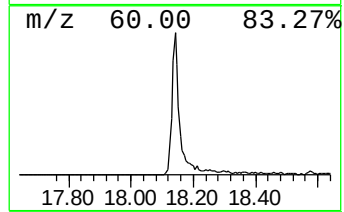
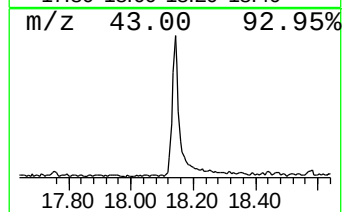
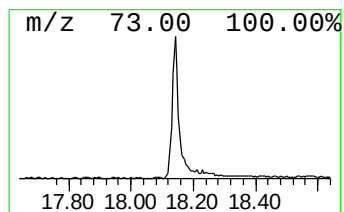
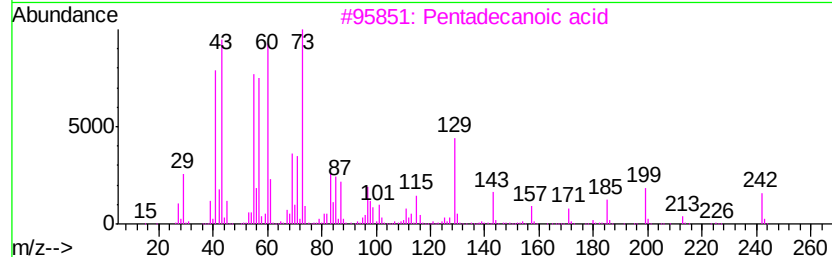
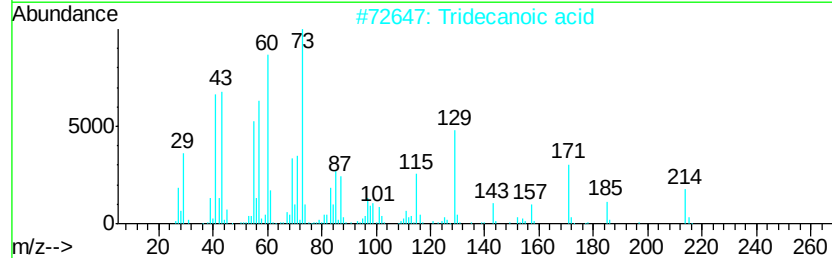
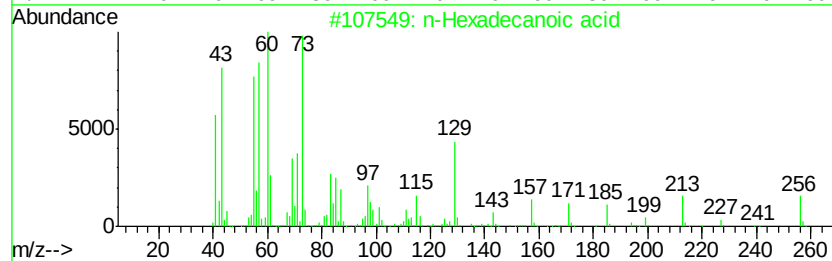
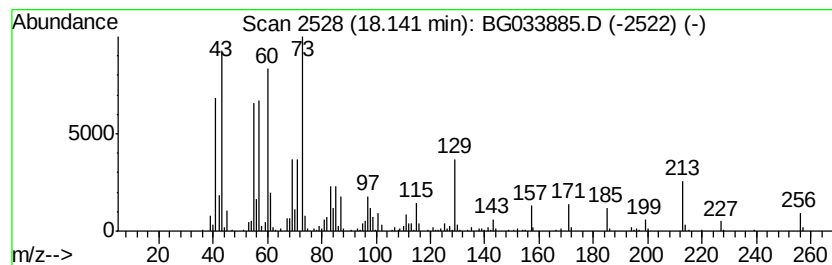
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.14	8.49 ng	539635	Phenanthrene-d10	17.22	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	62
5	Dodecanoic acid	200	C12H24O2	000143-07-7	59



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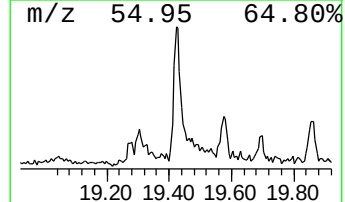
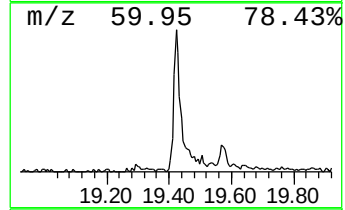
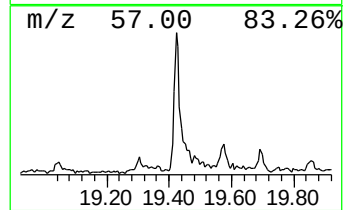
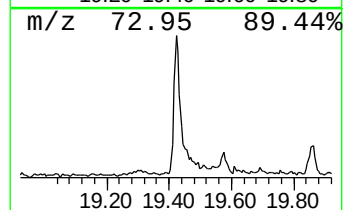
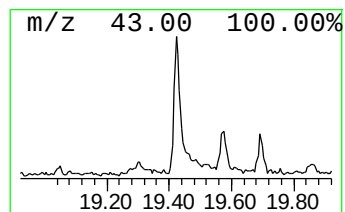
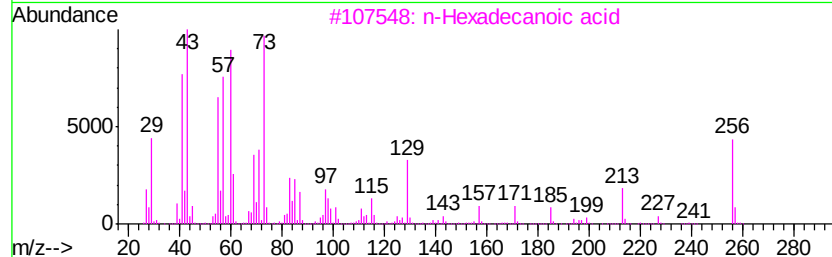
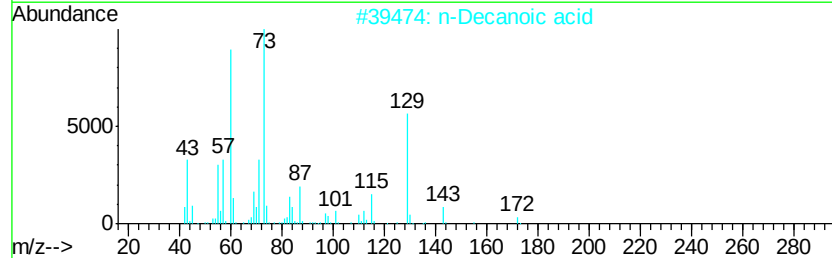
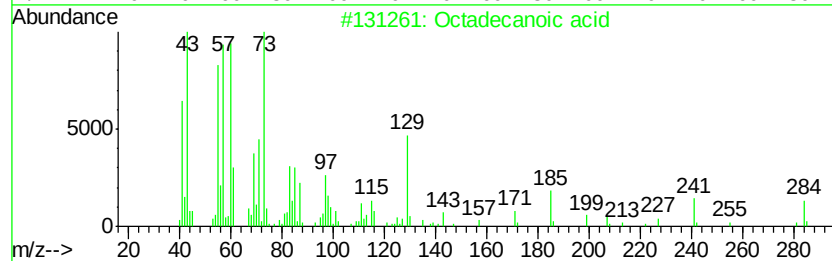
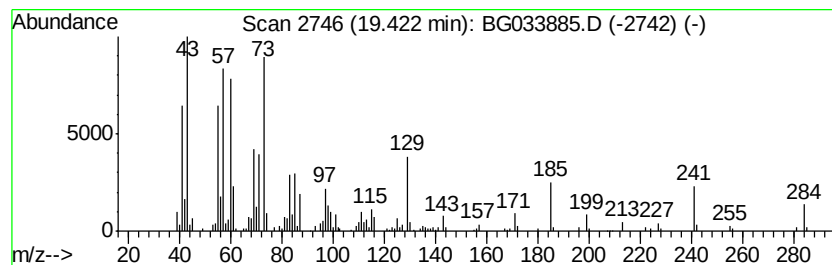
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Peak Number 5 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.	
19.42	4.30 ng	319901	Chrysene-d12		21.48	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		n-Decanoic acid	172	C10H20O2	000334-48-5	91
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	83



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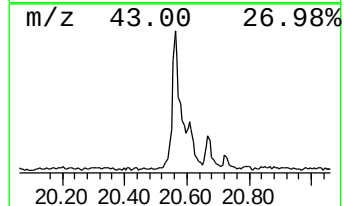
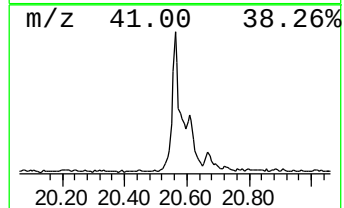
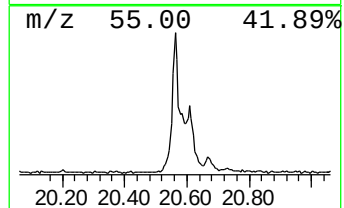
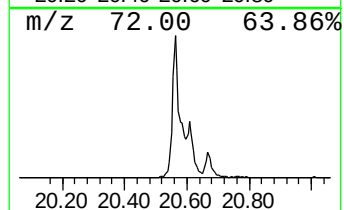
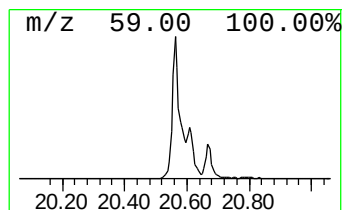
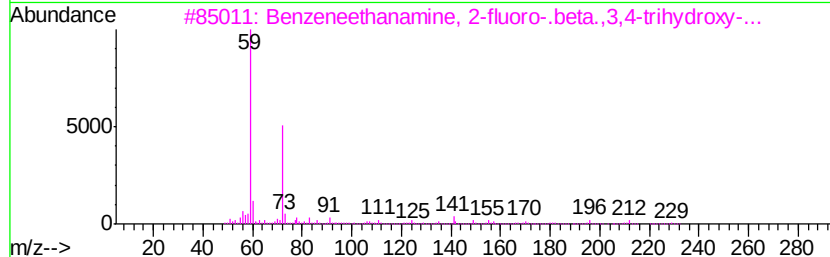
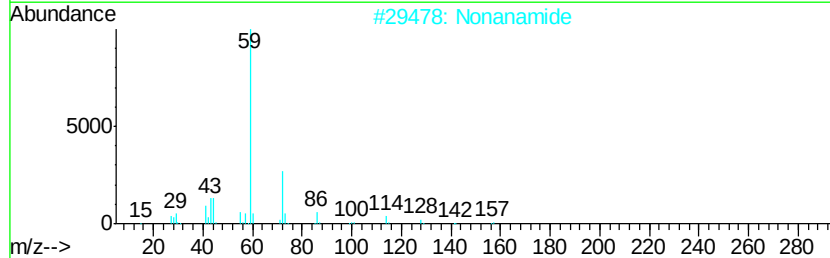
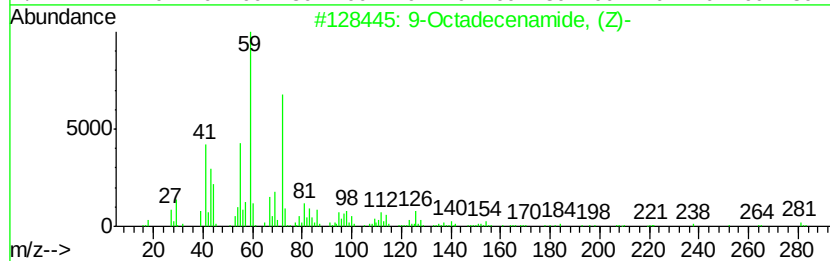
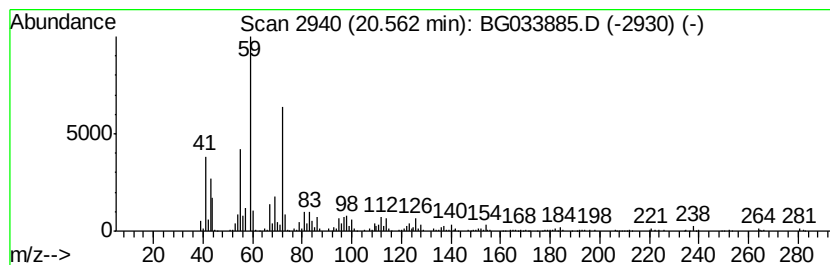
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Peak Number 6 9-Octadecenamide, (Z)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.56	11.85 ng	880713	Chrysene-d12	21.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	98
2		Nonanamide	157	C9H19NO	001120-07-6	59
3		Benzeneethanamine, 2-fluoro-.bet...	229	C11H16FN03	061338-98-5	50
4		2-Hydroxy-2-methylundec-5-en-3-one	198	C12H22O2	1000191-46-2	43
5		2-Octanol, 2,6-dimethyl-	158	C10H22O	018479-57-7	43



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TIC Top Hit name	RT	EstConc	Units	Response	---Internal Standard---			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.00	4.5	ng	107480	1	7.84	478516	20.0
unknown7.37	7.37	86.4	ng	2068090	1	7.84	478516	20.0
n-Hexadecanoic acid	18.14	8.5	ng	539635	4	17.22	1270620	20.0
Octadecanoic acid	19.42	4.3	ng	319901	5	21.48	1486520	20.0
9-Octadecenamide,...	20.56	11.9	ng	880713	5	21.48	1486520	20.0