

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102918\
 Data File : BG037635.D
 Acq On : 29 Oct 2018 23:03
 Operator : JU/SJ
 Sample : J5665-06
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DL-08B

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_G\METHODS\8270-BG101818.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	5.182	316	322	330	rBV	56577	92746	2.49%	0.414%
2	5.640	393	400	411	rBV	971957	1624695	43.59%	7.257%
3	7.244	665	673	687	rBV	1055987	2039735	54.73%	9.111%
4	7.626	729	738	751	rBV	974233	1750609	46.97%	7.819%
5	8.102	812	819	832	rVB	178652	323407	8.68%	1.445%
6	8.425	863	874	885	rBV	673260	1208279	32.42%	5.397%
7	9.277	1009	1019	1028	rBV	622804	1160854	31.15%	5.185%
8	10.922	1290	1299	1308	rBV	258197	478511	12.84%	2.137%
9	13.360	1705	1714	1722	rBV	1635480	2731259	73.28%	12.199%
10	14.177	1847	1853	1861	rBV	226939	340143	9.13%	1.519%
11	14.735	1938	1948	1956	rBV2	439387	746731	20.04%	3.335%
12	16.222	2194	2201	2214	rBV	1354995	2124348	57.00%	9.488%
13	17.479	2408	2415	2425	rBV2	586042	948647	25.45%	4.237%
14	18.337	2555	2561	2574	rBV2	141158	242046	6.49%	1.081%
15	19.606	2771	2777	2782	rBV2	77814	122507	3.29%	0.547%
16	20.082	2851	2858	2869	rBV	2728738	3726965	100.00%	16.647%
17	20.852	2985	2989	2994	rVB2	30358	37726	1.01%	0.169%
18	21.369	3072	3077	3097	rBV2	84520	218968	5.88%	0.978%
19	21.762	3138	3144	3155	rBV2	543302	980833	26.32%	4.381%
20	21.921	3167	3171	3176	rVB	35773	50641	1.36%	0.226%
21	22.538	3271	3276	3282	rBV2	41066	77249	2.07%	0.345%
22	23.255	3392	3398	3404	rBV3	47294	86116	2.31%	0.385%
23	23.454	3427	3432	3439	rVB3	23011	45973	1.23%	0.205%
24	24.077	3532	3538	3546	rBV3	43171	99280	2.66%	0.443%
25	25.099	3698	3712	3730	rBV2	271436	999355	26.81%	4.464%
26	26.228	3900	3904	3913	rVB4	29868	77258	2.07%	0.345%
27	27.638	4138	4144	4154	rVB8	18634	53872	1.45%	0.241%

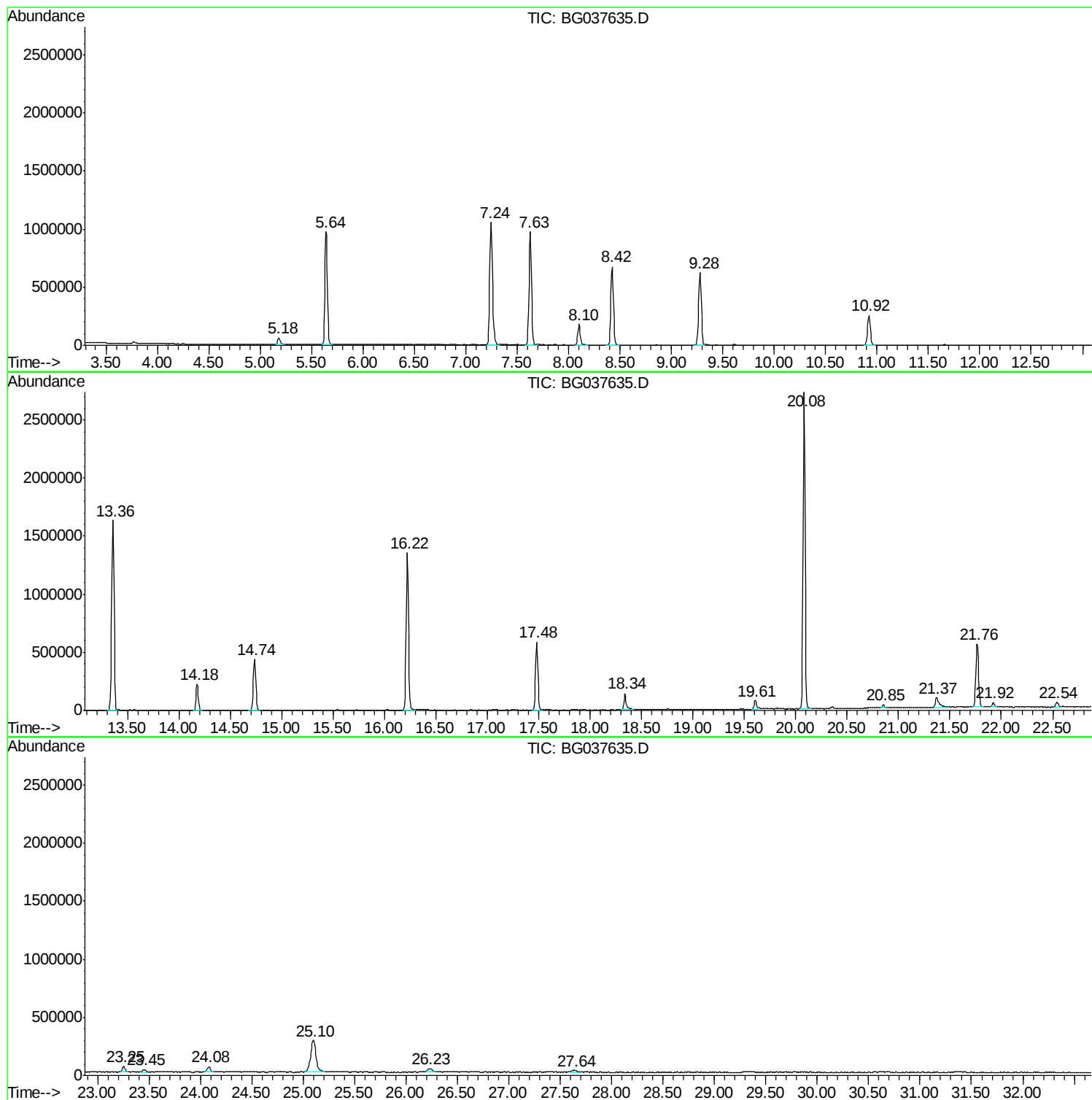
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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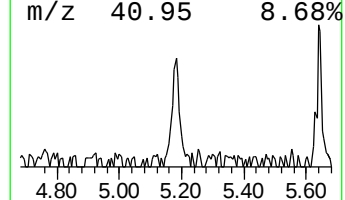
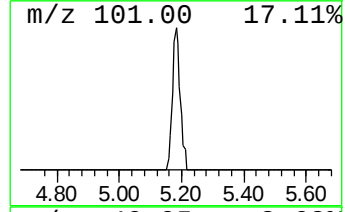
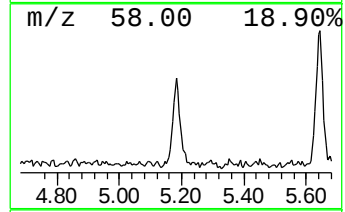
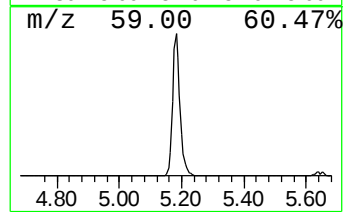
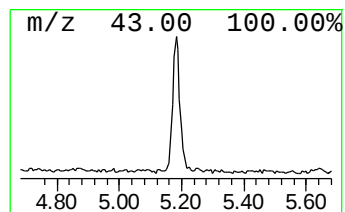
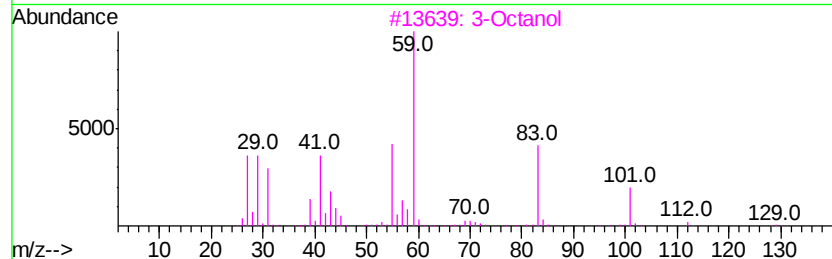
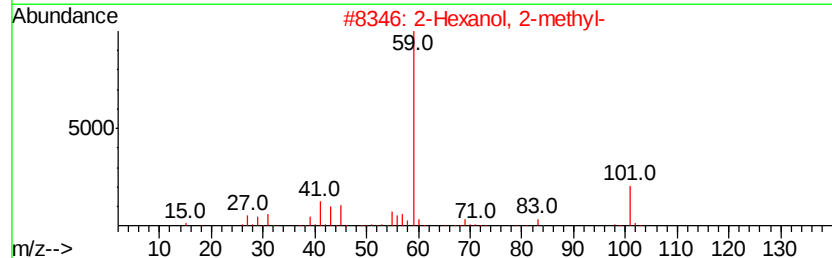
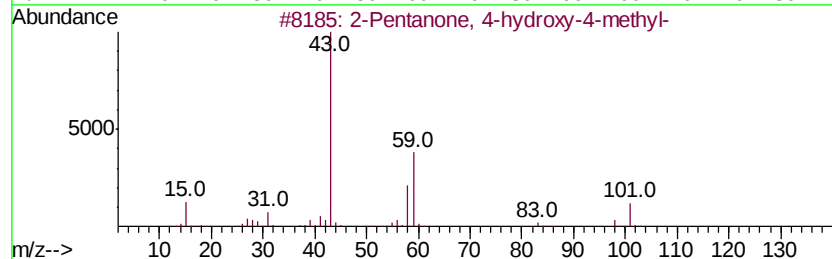
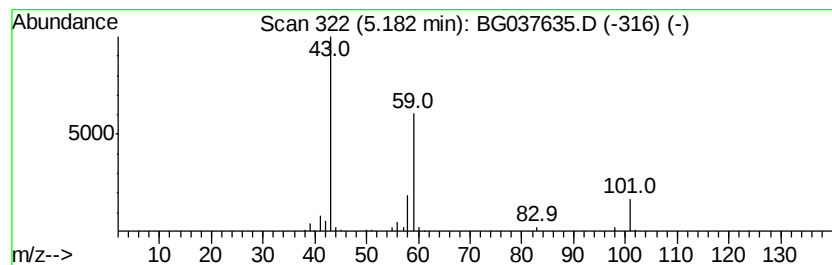
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.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.
5.18	5.74 ng	92746	1,4-Dichlorobenzene-d4	8.10

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
3		3-Octanol	130	C8H18O	000589-98-0	33
4		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27
5		5-Hexen-2-one	98	C6H10O	000109-49-9	9



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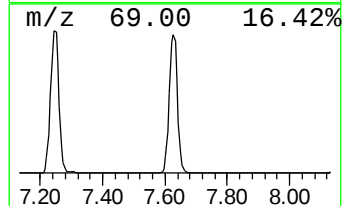
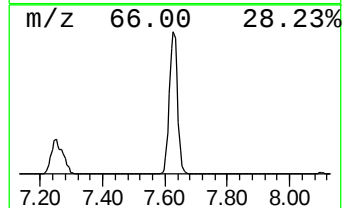
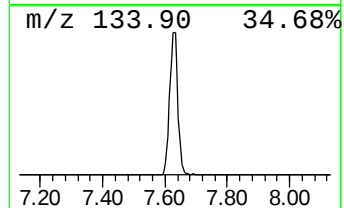
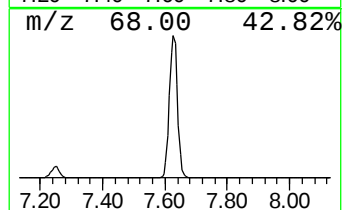
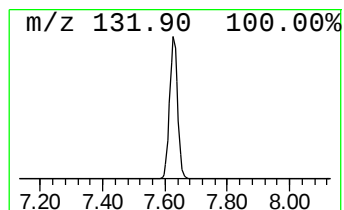
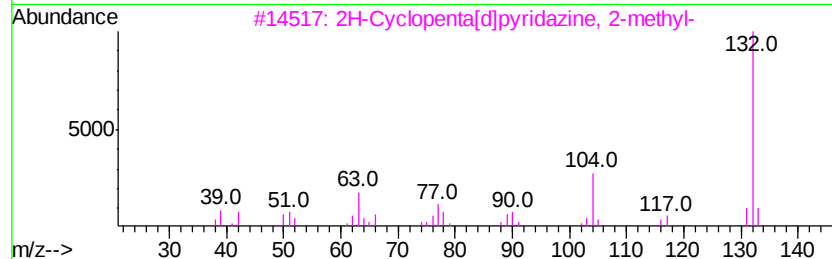
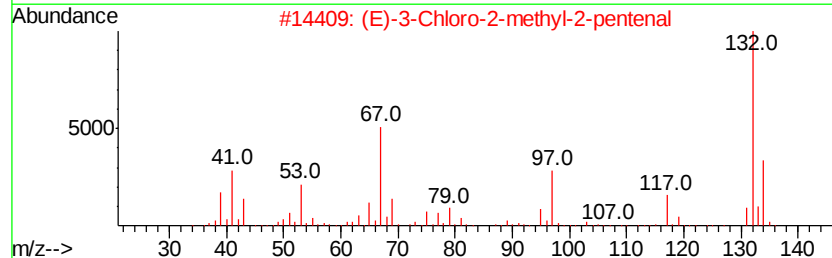
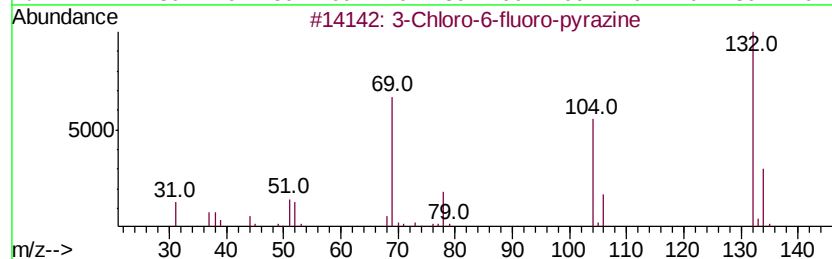
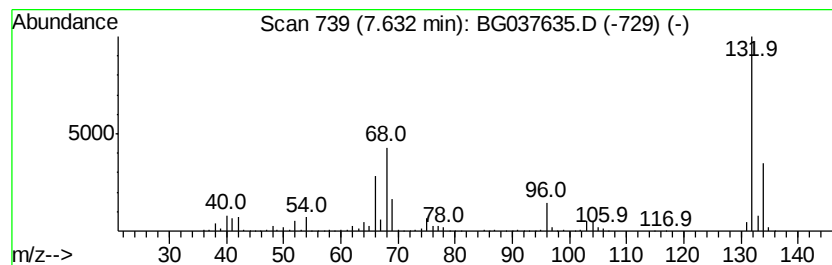
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Peak Number 2 unknown7.63 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.63	108.26 ng	1750610	1,4-Dichlorobenzene-d4	8.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
4		1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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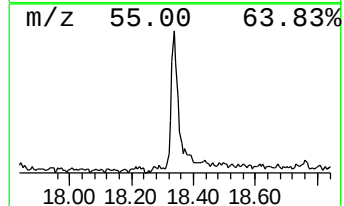
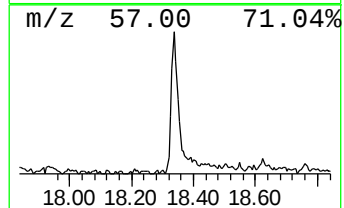
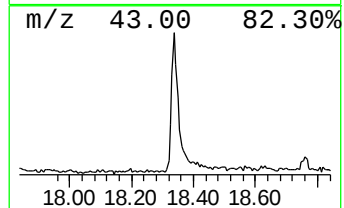
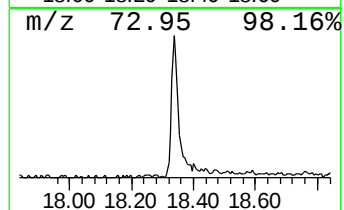
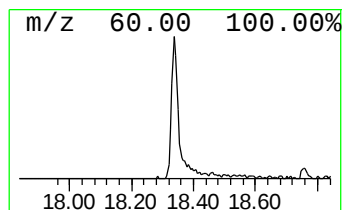
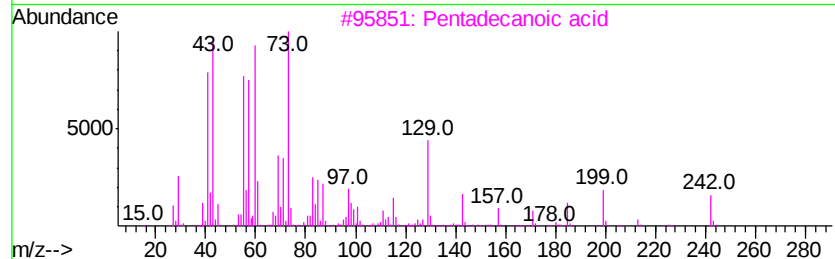
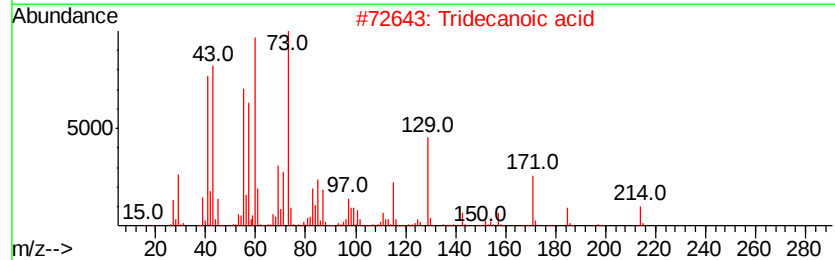
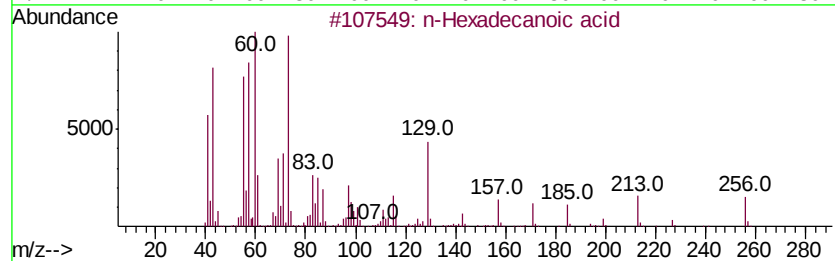
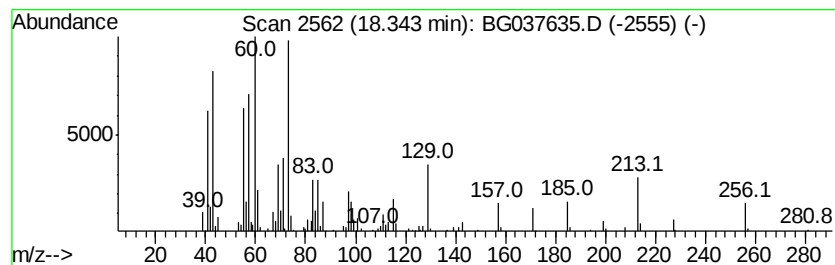
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.34	5.10 ng	242046	Phenanthrene-d10	17.48

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	89
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5		Undecanoic acid	186	C11H22O2	000112-37-8	68



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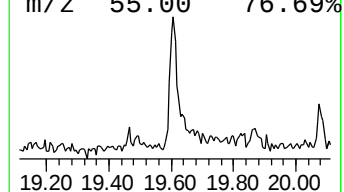
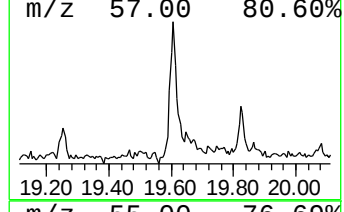
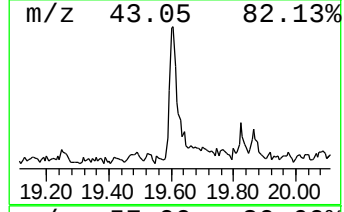
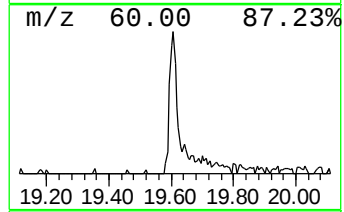
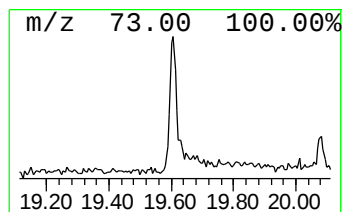
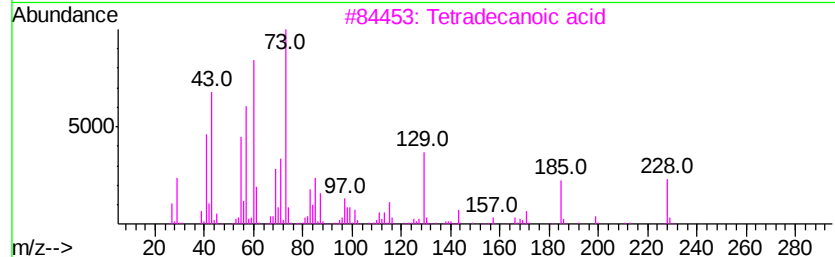
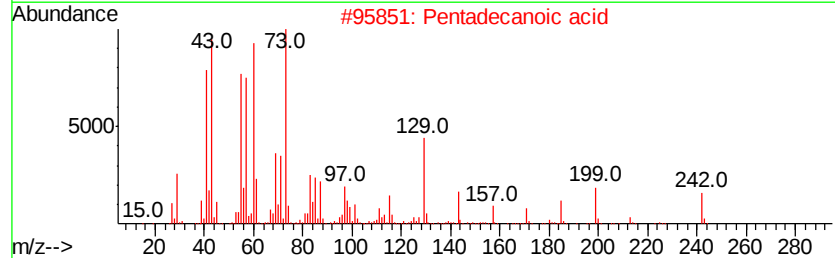
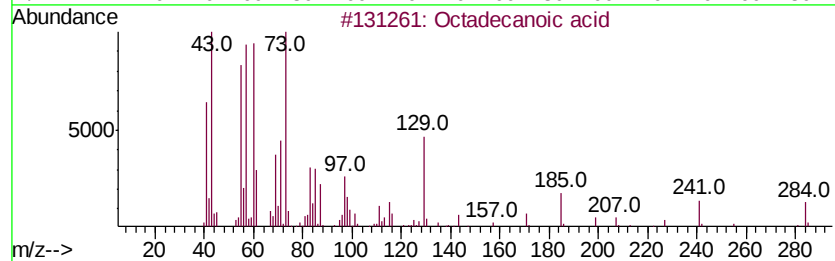
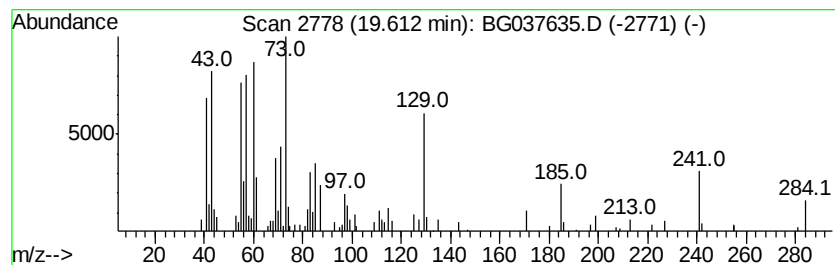
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Peak Number 5 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.61	2.58 ng	122507	Phenanthrene-d10	17.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	97
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4	n-Decanoic acid	172	C10H20O2	000334-48-5	76
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	52



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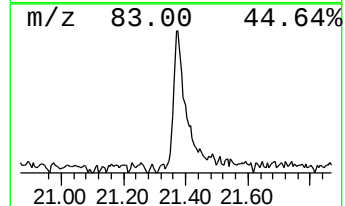
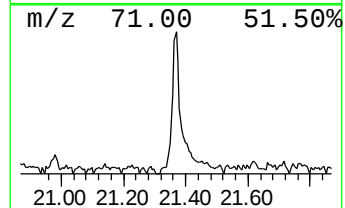
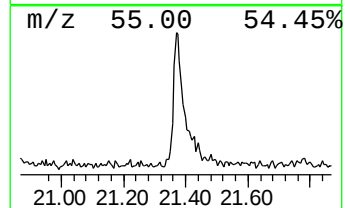
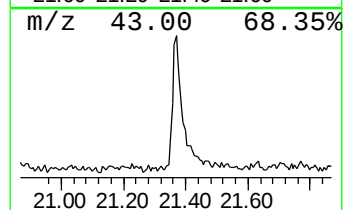
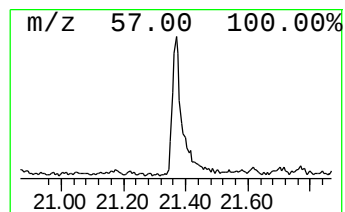
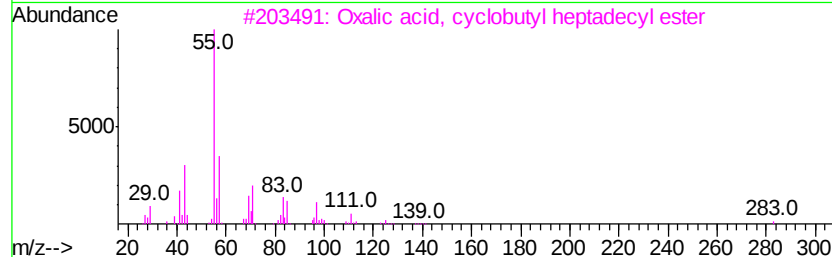
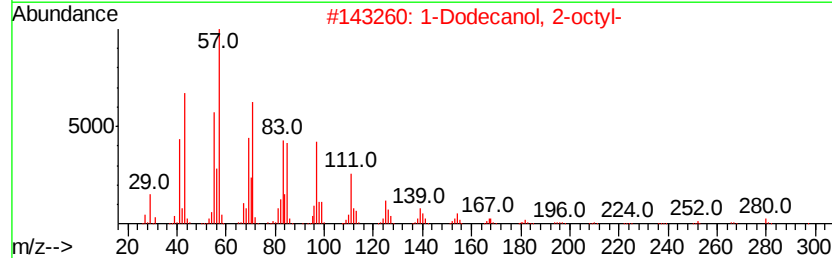
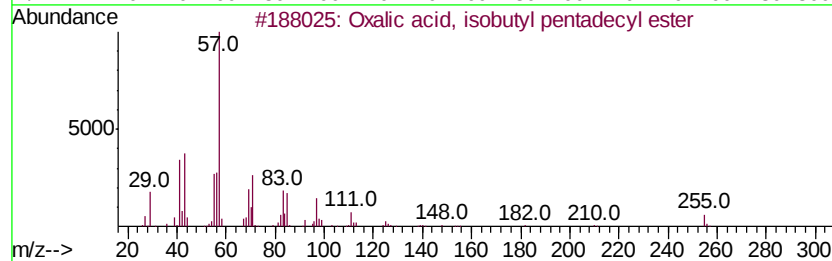
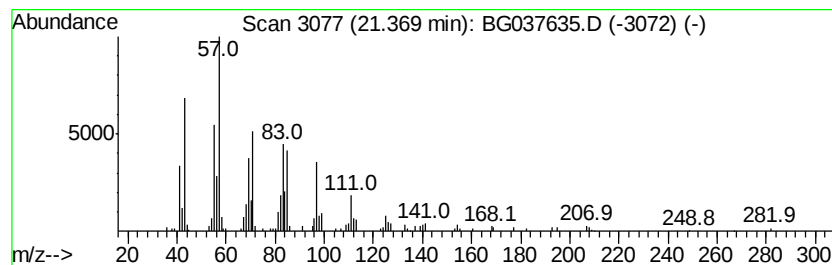
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Peak Number 6 Oxalic acid, isobutyl penta... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.37	4.46 ng	218968	Chrysene-d12	21.77

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxalic acid, isobutyl pentadecyl...	356	C21H40O4	1000309-38-0	91
2			1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	91
3			Oxalic acid, cyclobutyl heptadec...	382	C23H42O4	1000309-70-7	72
4			Oxalic acid, cyclobutyl pentadec...	354	C21H38O4	1000309-70-5	72
5			Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	64



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.18	5.7	ng	92746	1	8.10	323407	20.0
unknown7.63	7.63	108.3	ng	1750610	1	8.10	323407	20.0
n-Hexadecanoic acid	18.34	5.1	ng	242046	4	17.48	948647	20.0
Octadecanoic acid	19.61	2.6	ng	122507	4	17.48	948647	20.0
Oxalic acid, isob...	21.37	4.5	ng	218968	5	21.77	980833	20.0