

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081418\
 Data File : BM016348.D
 Acq On : 14 Aug 2018 11:11
 Operator : SJ/JU
 Sample : J4447-06
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SP-1-7

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_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	5.169	315	320	330	rBV	80111	118850	8.72%	1.345%
2	5.646	395	401	417	rBV	522850	809522	59.41%	9.161%
3	7.287	674	680	693	rBV	516968	825803	60.60%	9.345%
4	7.645	735	741	752	rBV	584227	918516	67.41%	10.394%
5	8.116	816	821	830	rBB	114861	183560	13.47%	2.077%
6	8.434	869	875	886	rBB	391730	643634	47.24%	7.283%
7	9.304	1017	1023	1038	rBV	303259	511668	37.55%	5.790%
8	10.933	1293	1300	1308	rBV	120512	204530	15.01%	2.314%
9	13.369	1708	1714	1722	rBV	560920	787711	57.81%	8.914%
10	14.210	1852	1857	1864	rVB	49838	65484	4.81%	0.741%
11	14.751	1943	1949	1956	rVB2	152184	230071	16.88%	2.604%
12	16.239	2197	2202	2213	rBV	618965	885257	64.97%	10.018%
13	17.486	2409	2414	2420	rBV	185490	264913	19.44%	2.998%
14	18.339	2554	2559	2569	rBV	90346	127974	9.39%	1.448%
15	19.598	2769	2773	2781	rBV2	48008	73015	5.36%	0.826%
16	20.068	2848	2853	2858	rBV	1235173	1362604	100.00%	15.419%
17	21.292	3056	3061	3069	rBV3	58169	105126	7.72%	1.190%
18	21.621	3112	3117	3123	rBV	295787	369914	27.15%	4.186%
19	23.950	3508	3513	3521	rVB2	185667	348816	25.60%	3.947%

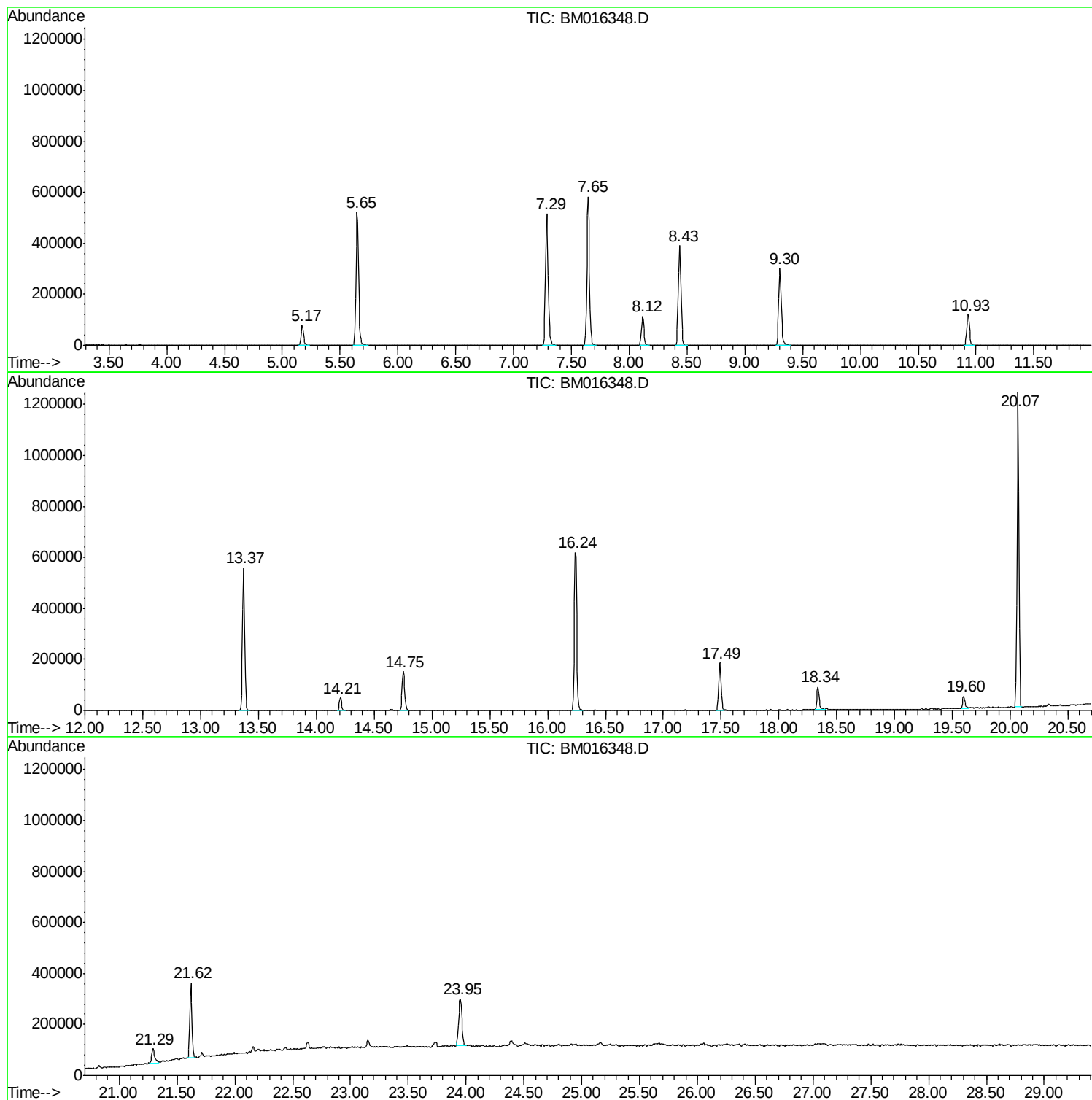
Sum of corrected areas: 8836968

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM072318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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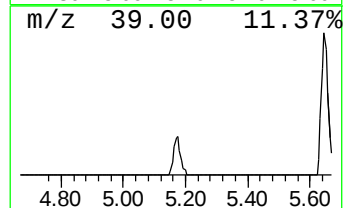
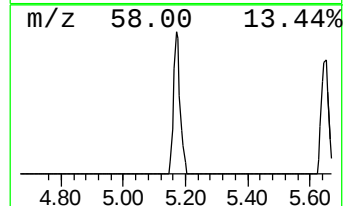
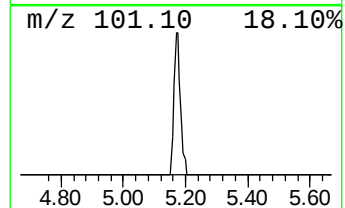
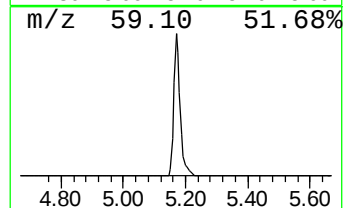
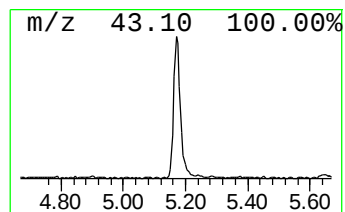
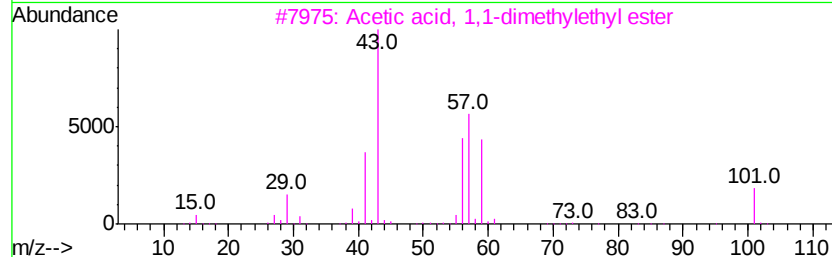
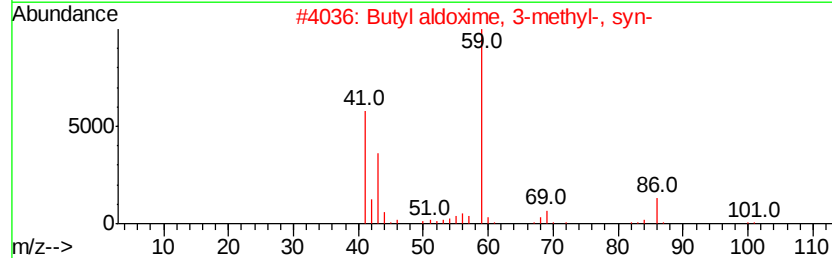
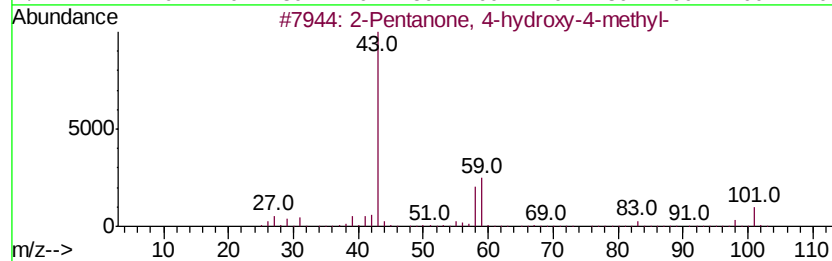
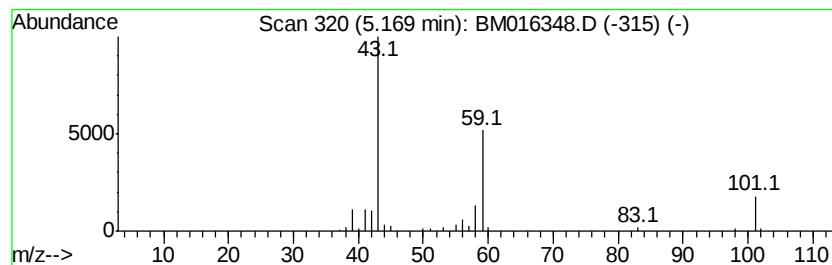
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.17	12.95 ng	118850	1,4-Dichlorobenzene-d4	8.12

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2			Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	37
3			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	36
4			2-Nonanone, 9-hydroxy-	158	C9H18O2	025368-56-3	36
5			3-Hexanol	102	C6H14O	000623-37-0	28



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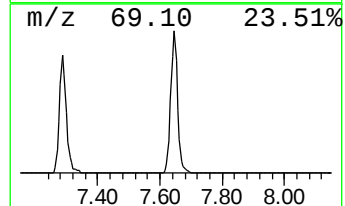
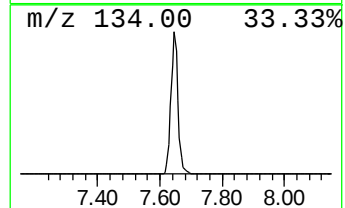
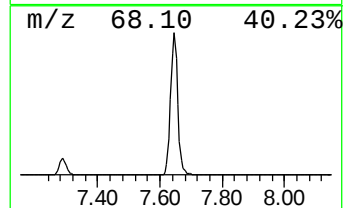
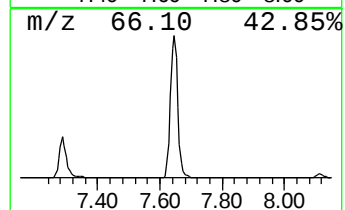
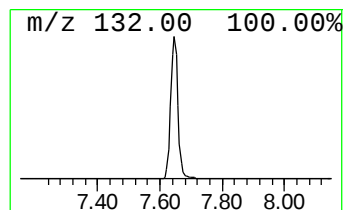
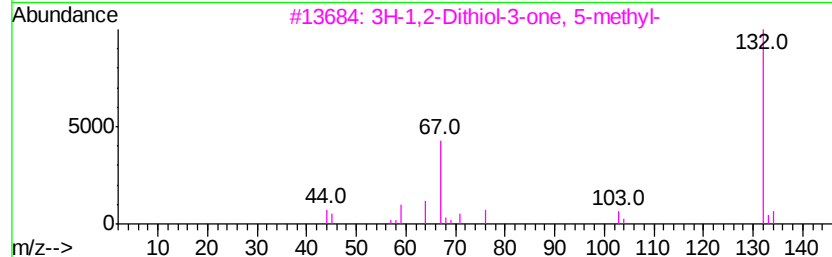
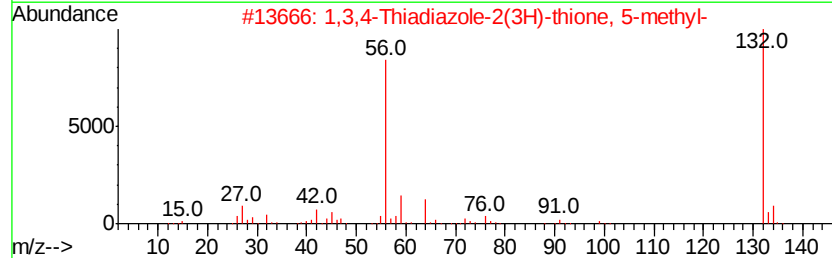
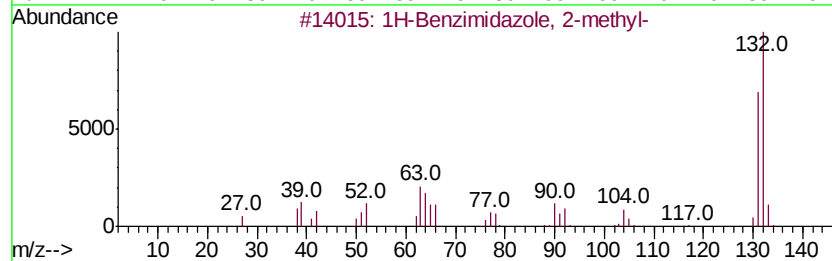
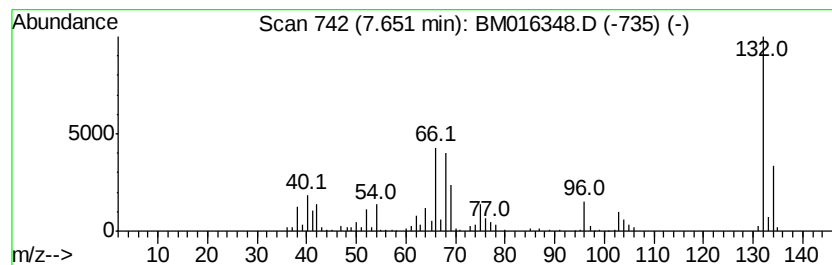
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Peak Number 2 unknown7.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.65	100.08 ng	918516	1,4-Dichlorobenzene-d4	8.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	18
2		1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	14
3		3H-1,2-Dithiol-3-one, 5-methyl-	132	C4H4OS2	003620-08-4	14
4		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
5		1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	10



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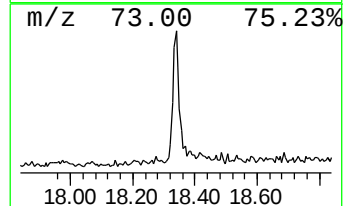
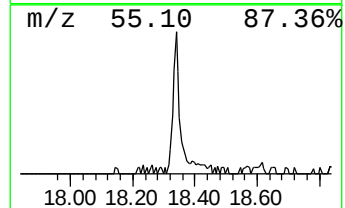
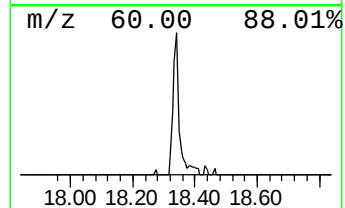
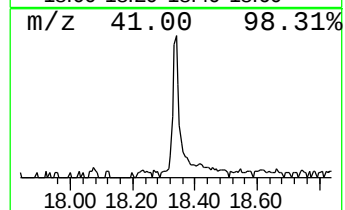
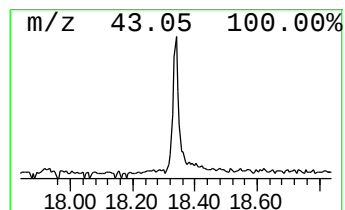
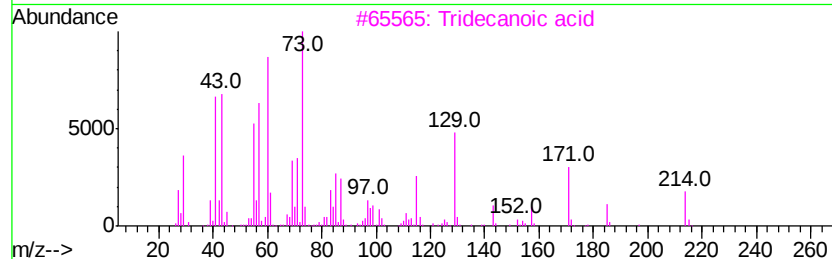
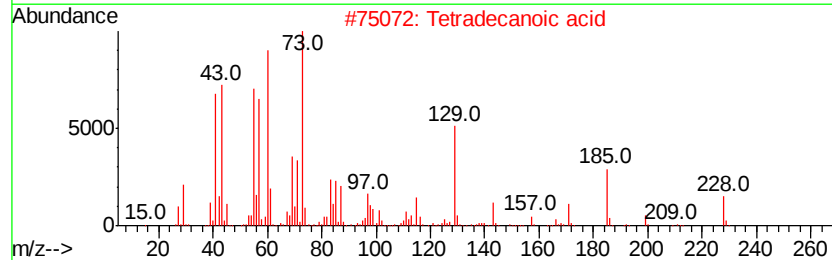
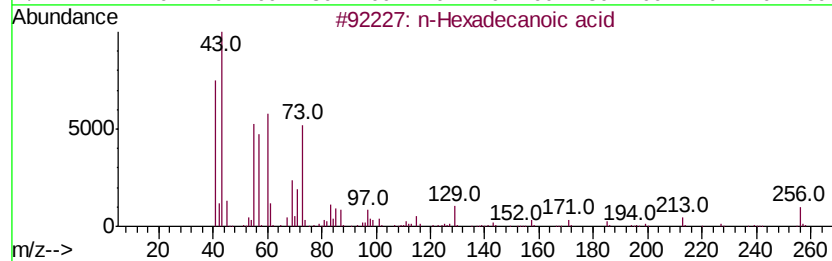
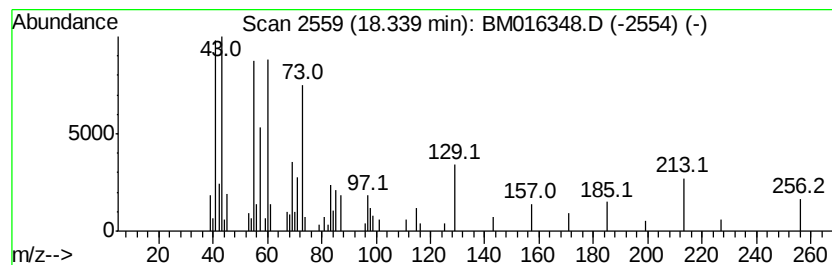
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.34	9.66 ng	127974	Phenanthrene-d10	17.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
3	Tridecanoic acid	214	C13H26O2	000638-53-9	72
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	52
5	Undecanoic acid	186	C11H22O2	000112-37-8	50



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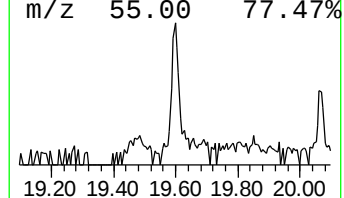
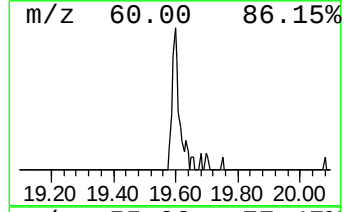
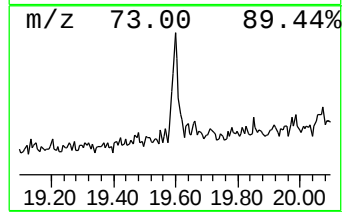
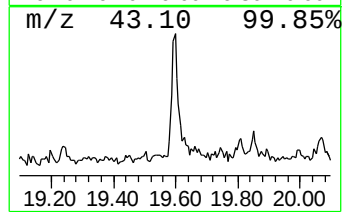
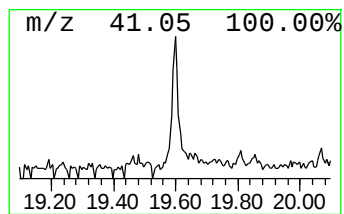
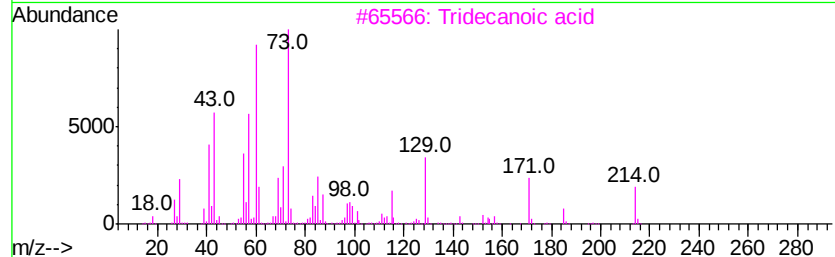
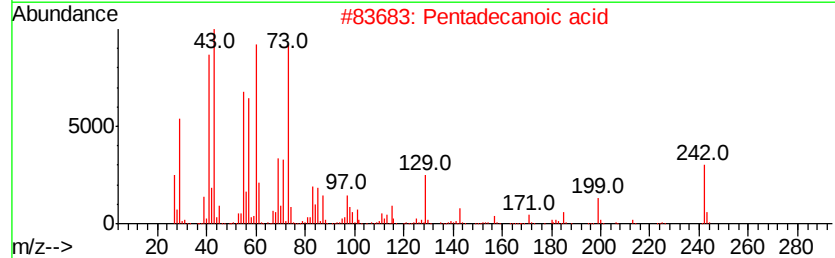
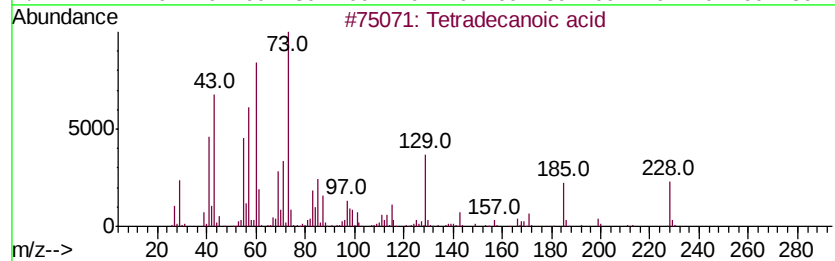
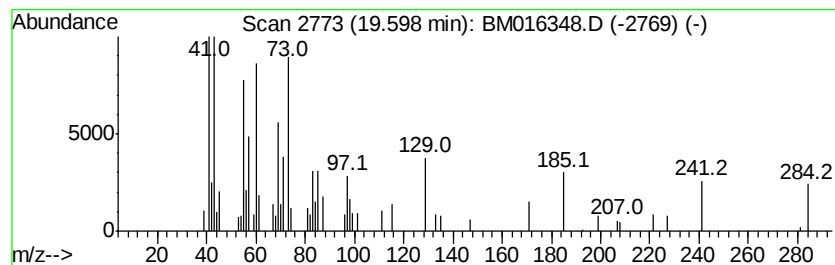
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Peak Number 5 Tetradecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.60	3.95 ng	73015	Chrysene-d12	21.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	53
3	Tridecanoic acid	214	C13H26O2	000638-53-9	53
4	Undecanoic acid	186	C11H22O2	000112-37-8	53
5	n-Decanoic acid	172	C10H20O2	000334-48-5	47



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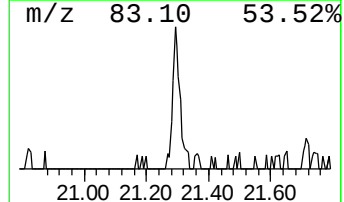
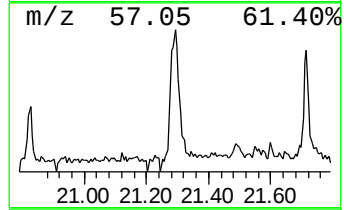
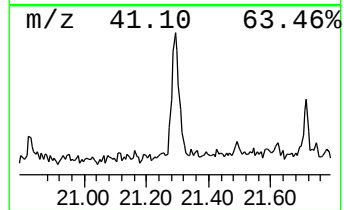
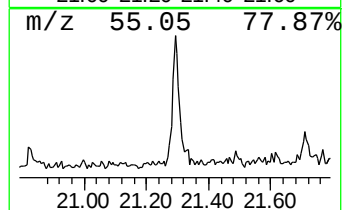
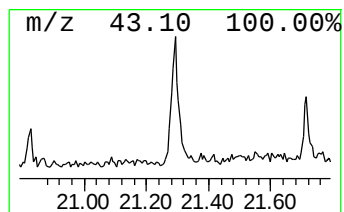
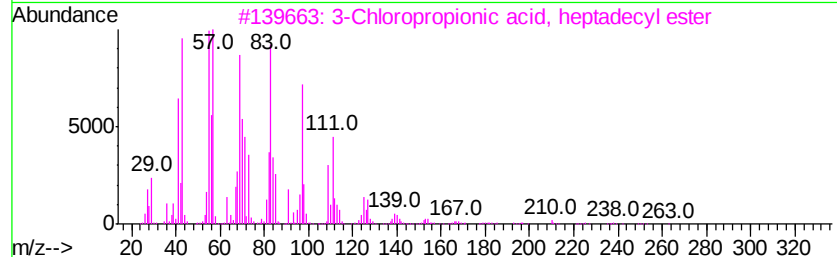
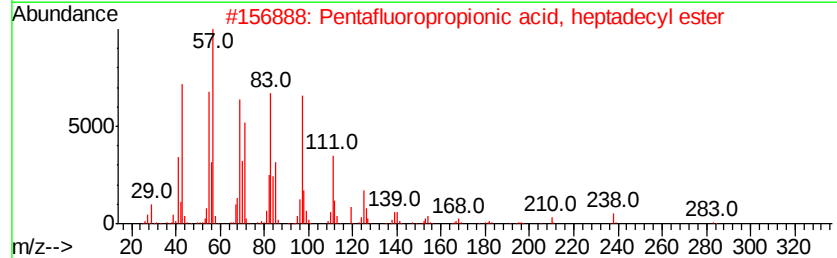
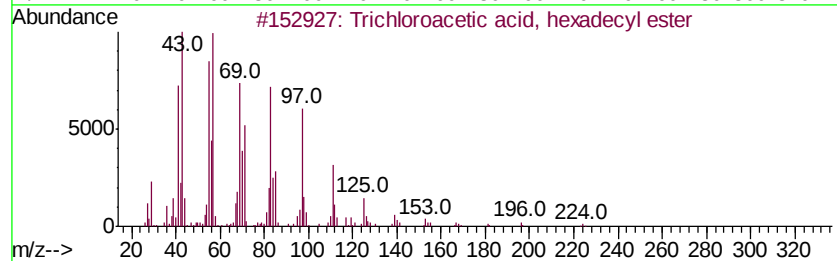
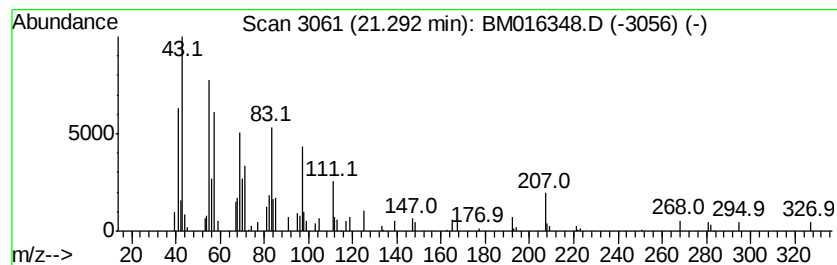
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Peak Number 6 Trichloroacetic acid, hexad... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.29	5.68 ng	105126	Chrysene-d12	21.62

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	64
2		Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	64
3		3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	64
4		Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	64
5		1-Nonadecene	266	C19H38	018435-45-5	64



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TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.17	12.9	ng	118850	1	8.12	183560	20.0
unknown7.65	7.65	100.1	ng	918516	1	8.12	183560	20.0
n-Hexadecanoic acid	18.34	9.7	ng	127974	4	17.49	264913	20.0
Tetradecanoic acid	19.60	4.0	ng	73015	5	21.62	369914	20.0
Trichloroacetic a...	21.29	5.7	ng	105126	5	21.62	369914	20.0