

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072817\
 Data File : BM011048.D
 Acq On : 28 Jul 2017 18:55
 Operator : SJ/JU
 Sample : I4432-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-1

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_M\METHODS\8270-BM072617.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	4.581	299	305	313	rBV	518574	717515	5.40%	0.931%
2	5.028	375	381	390	rBV	2843220	3739609	28.15%	4.850%
3	6.581	637	645	658	rBV	2072252	3247064	24.44%	4.211%
4	6.928	697	704	718	rBV	4835422	7099000	53.44%	9.207%
5	7.386	774	782	790	rBV	1094175	1655805	12.46%	2.148%
6	7.698	828	835	846	rVB	3925027	6076041	45.74%	7.880%
7	8.533	969	977	985	rBV	3692051	5724484	43.09%	7.424%
8	10.145	1242	1251	1264	rBV	1323935	2128386	16.02%	2.760%
9	12.657	1670	1678	1688	rBV	8051346	11846580	89.17%	15.365%
10	13.510	1818	1823	1832	rBV	300599	438184	3.30%	0.568%
11	14.045	1905	1914	1921	rBV2	1780667	2712604	20.42%	3.518%
12	15.545	2162	2169	2181	rBV	7143142	9409056	70.82%	12.203%
13	16.798	2376	2382	2396	rVB2	2167369	3009972	22.66%	3.904%
14	17.727	2533	2540	2548	rBV2	289518	404976	3.05%	0.525%
15	19.027	2756	2761	2772	rBV2	327125	490237	3.69%	0.636%
16	19.180	2783	2787	2791	rVB2	214725	248996	1.87%	0.323%
17	19.468	2830	2836	2845	rBV	10656516	13285071	100.00%	17.230%
18	20.239	2963	2967	2972	rBV4	130957	160641	1.21%	0.208%
19	21.021	3095	3100	3105	rBV	2109409	2621561	19.73%	3.400%
20	23.132	3453	3459	3469	rVB2	1197079	2087766	15.72%	2.708%

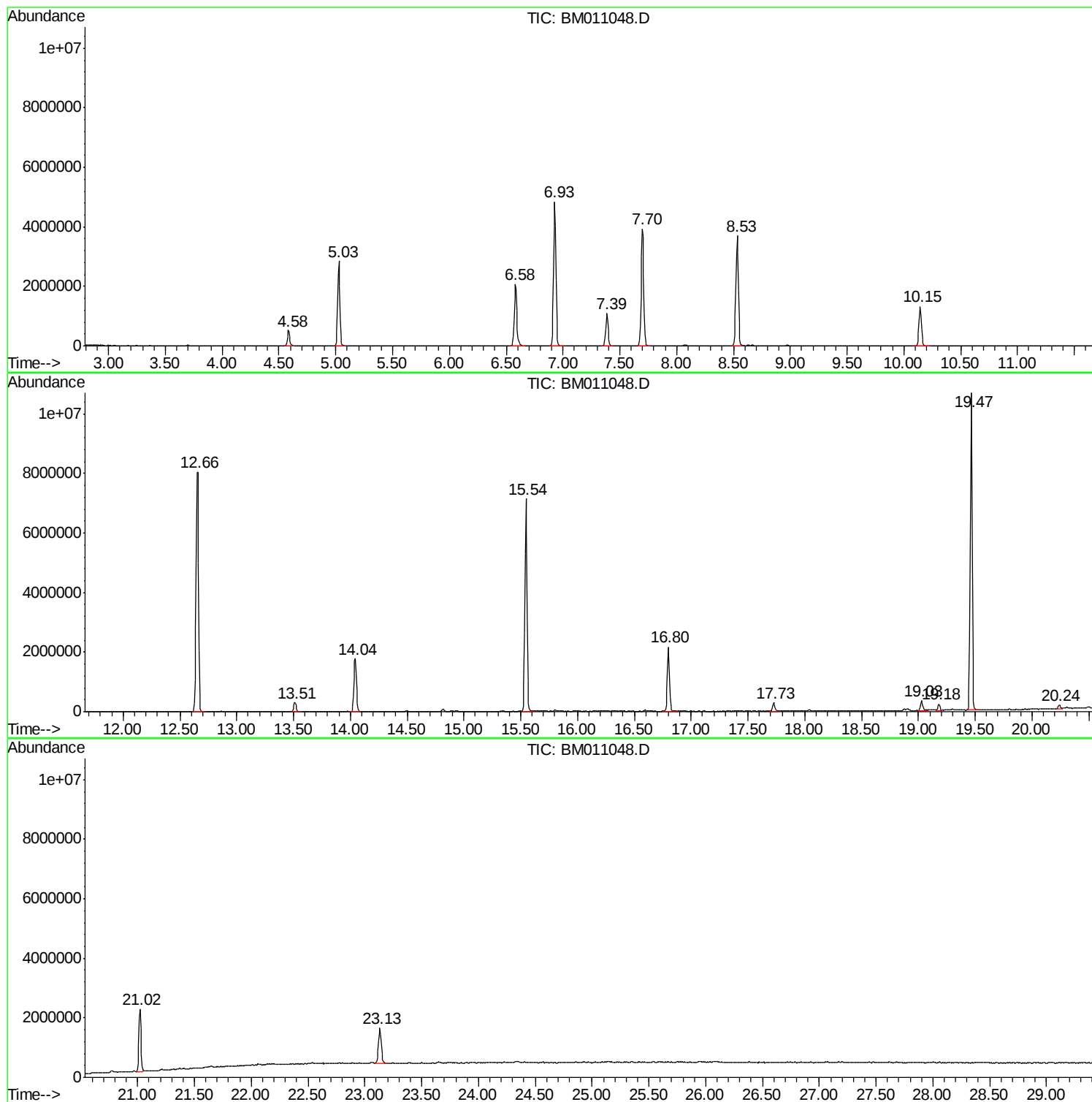
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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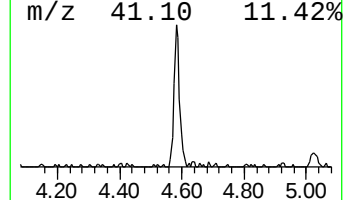
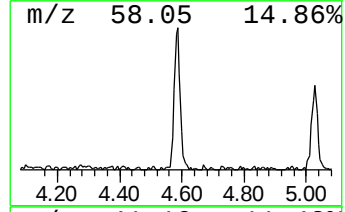
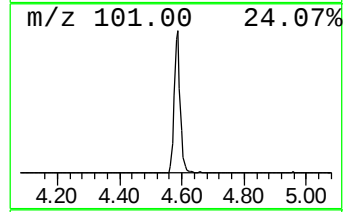
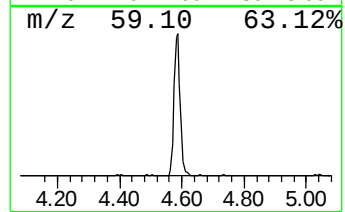
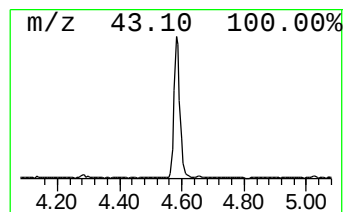
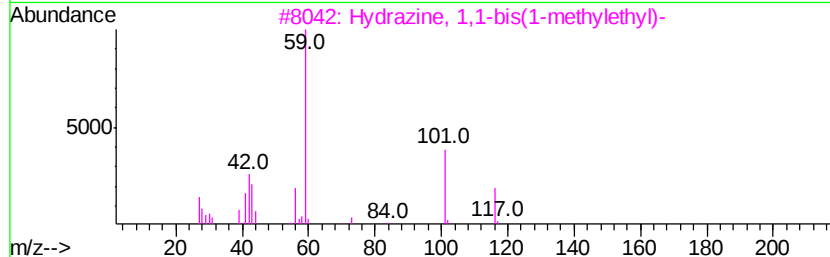
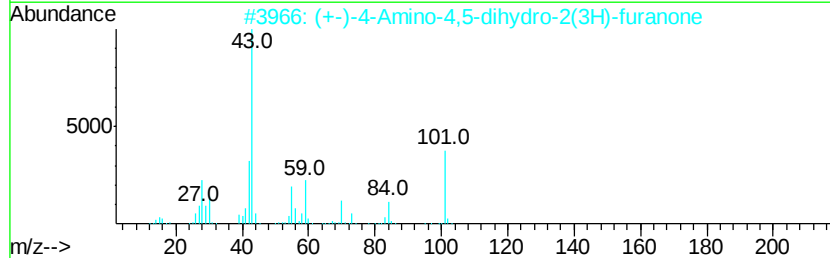
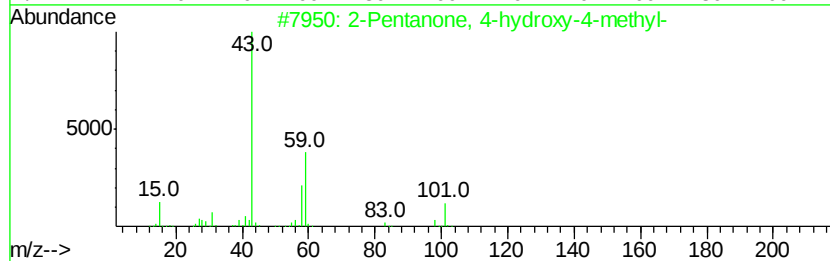
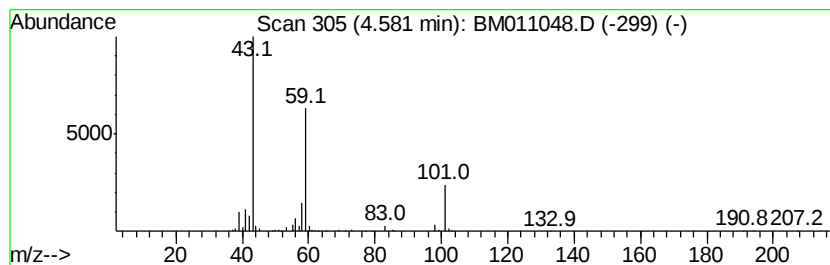
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
4.58	8.67 ng	717515	1,4-Dichlorobenzene-d4	7.39

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2			(+)-4-Amino-4,5-dihydro-2(3H)-furanone	101	C4H7NO2	016504-58-8	50
3			Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	47
4			Dimethadione	129	C5H7NO3	000695-53-4	40
5			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25



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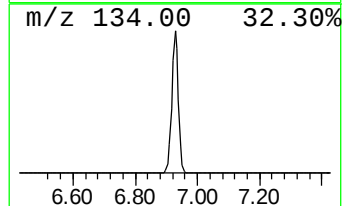
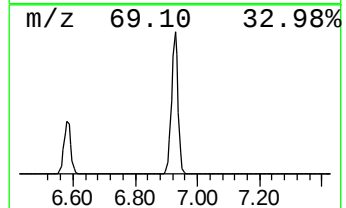
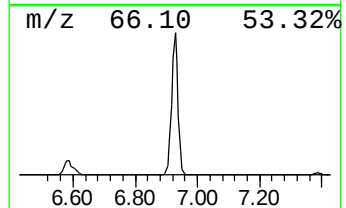
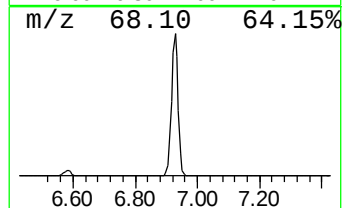
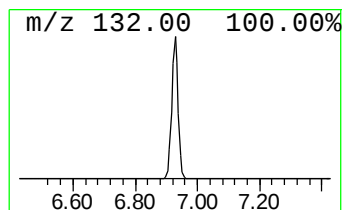
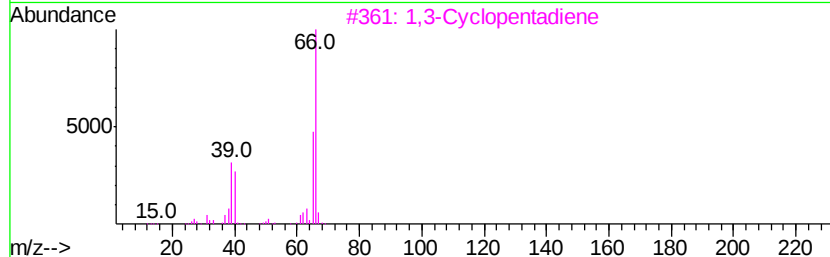
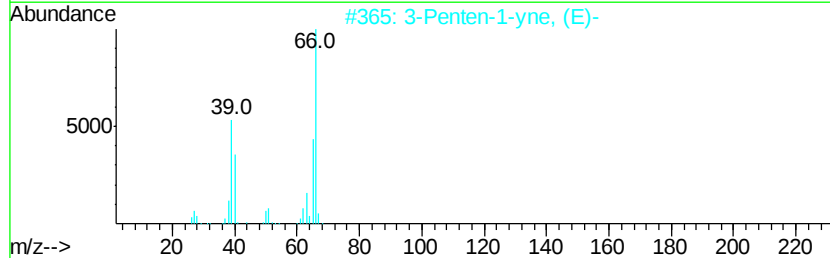
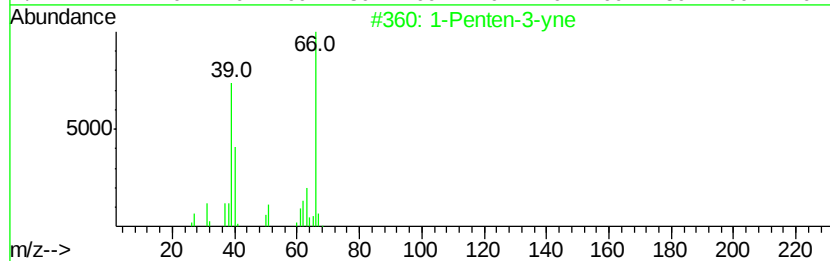
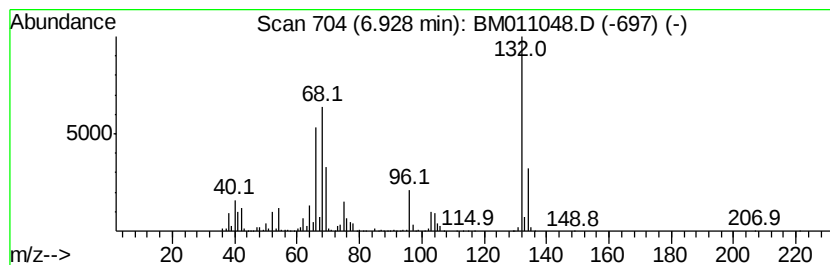
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Peak Number 2 unknown6.93 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.93	85.75 ng	7099000	1,4-Dichlorobenzene-d4	7.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Penten-3-yne	66	C5H6	000646-05-9	38
2		3-Penten-1-yne, (E)-	66	C5H6	002004-69-5	35
3		1,3-Cyclopentadiene	66	C5H6	000542-92-7	35
4		Silane, bicyclo[2.2.1]hept-5-en-...	226	C7H9Cl3Si	014319-64-3	35
5		3-Oxabicyclo[3.2.0]hept-6-ene-2,...	138	C7H6O3	064197-88-2	25



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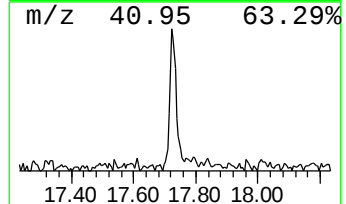
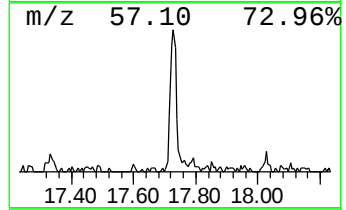
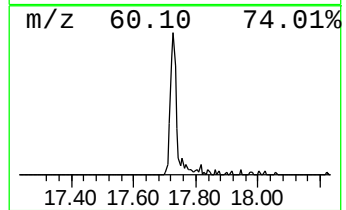
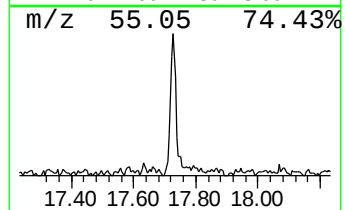
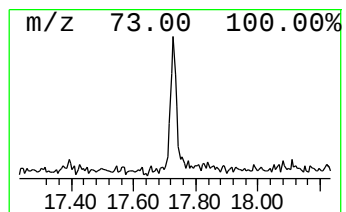
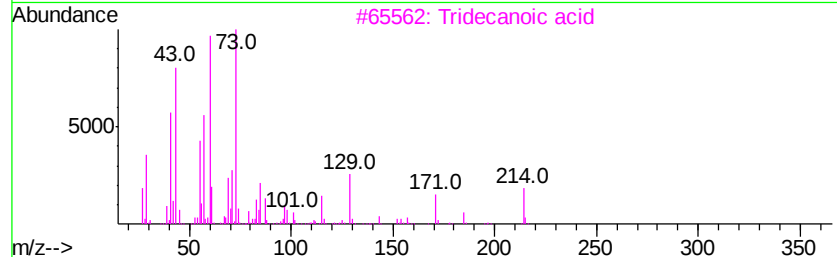
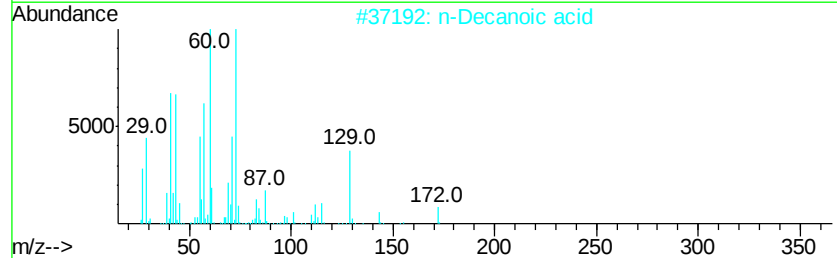
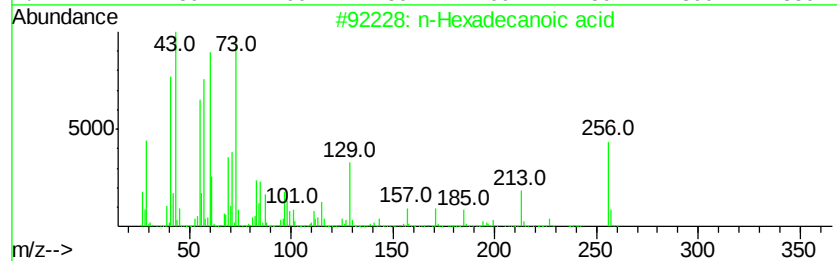
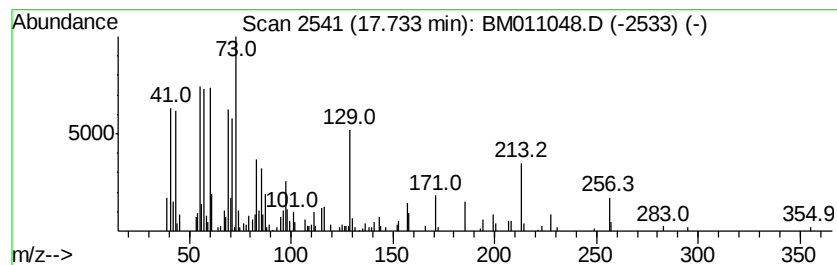
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.73	2.69 ng	404976	Phenanthrene-d10	16.80

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2		n-Decanoic acid	172	C10H20O2	000334-48-5	70
3		Tridecanoic acid	214	C13H26O2	000638-53-9	62
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	47
5		Eicosane	282	C20H42	000112-95-8	15



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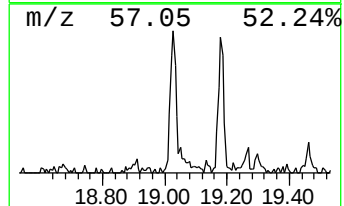
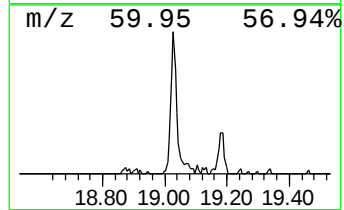
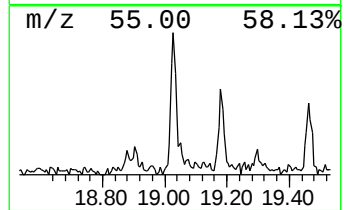
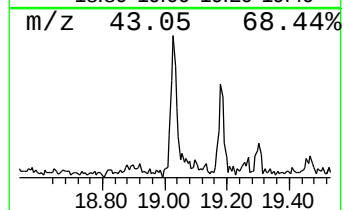
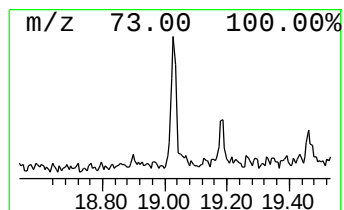
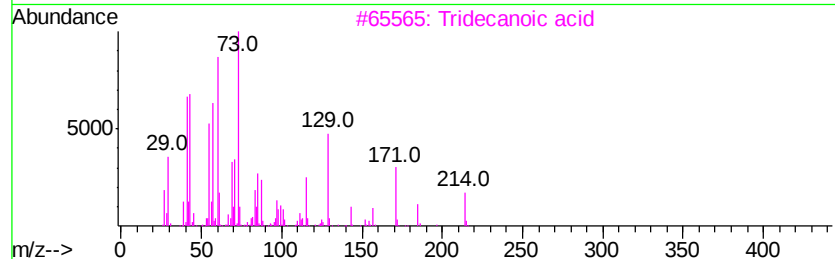
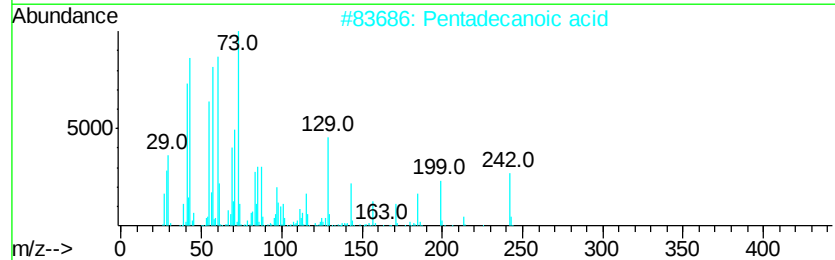
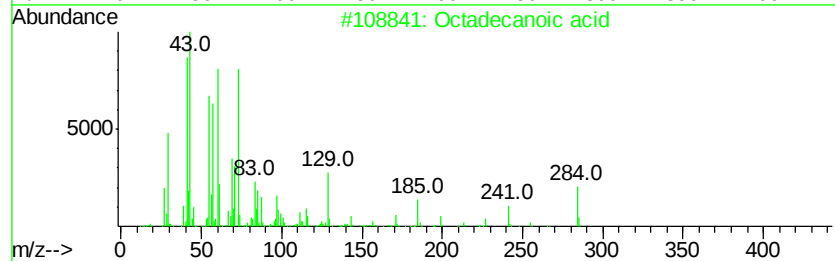
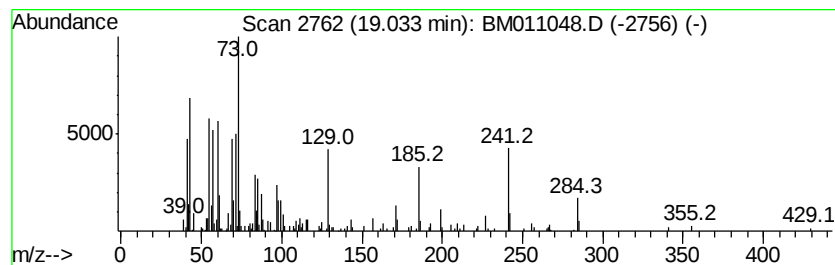
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Peak Number 5 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.03	3.74 ng	490237	Chrysene-d12	21.02

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	86
3		Tridecanoic acid	214	C13H26O2	000638-53-9	58
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	49
5		Eicosane	282	C20H42	000112-95-8	25



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.58	8.7	ng	717515	1	7.39	1655810	20.0
unknown6.93	6.93	85.8	ng	7099000	1	7.39	1655810	20.0
n-Hexadecanoic acid	17.73	2.7	ng	404976	4	16.80	3009970	20.0
Octadecanoic acid	19.03	3.7	ng	490237	5	21.02	2621560	20.0