

Data Path : Z:\HPCHEM1\BNA M\DATA\BM033017\
 Data File : BM009463.D
 Acq On : 30 Mar 2017 22:33
 Operator : SJ/MA
 Sample : I2436-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 1A-9-11

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-BM032217.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	4.975	317	321	328	rBV	99421	134950	1.30%	0.281%
2	5.422	391	397	405	rBV	1481604	2125250	20.53%	4.433%
3	7.004	659	666	676	rBV	869750	1370008	13.24%	2.857%
4	7.375	722	729	740	rBV	2437344	3916763	37.84%	8.169%
5	7.845	801	809	815	rBV	519150	856617	8.28%	1.787%
6	8.169	855	864	876	rBV	2290870	3827751	36.98%	7.983%
7	9.016	999	1008	1018	rBV	2016352	3295485	31.84%	6.873%
8	10.645	1277	1285	1289	rBV	650268	1084941	10.48%	2.263%
9	10.698	1289	1294	1302	rVB	480568	825893	7.98%	1.723%
10	12.310	1561	1568	1573	rBV	189659	292817	2.83%	0.611%
11	12.527	1595	1605	1612	rVB	166080	269155	2.60%	0.561%
12	13.110	1696	1704	1712	rBV	4585522	6600091	63.77%	13.766%
13	14.492	1932	1939	1946	rBV2	885785	1351065	13.05%	2.818%
14	15.980	2180	2192	2202	rBV	3471439	5040384	48.70%	10.513%
15	17.239	2399	2406	2411	rBV	1177652	1691872	16.35%	3.529%
16	18.115	2550	2555	2561	rBV2	135192	197813	1.91%	0.413%
17	19.392	2767	2772	2778	rBV4	76979	116835	1.13%	0.244%
18	19.862	2845	2852	2857	rBV	8099438	10349862	100.00%	21.586%
19	21.103	3059	3063	3067	rBV	157208	180969	1.75%	0.377%
20	21.415	3111	3116	3124	rBV	1842441	2292075	22.15%	4.781%
21	23.739	3504	3511	3519	rVB	1130953	2125635	20.54%	4.433%

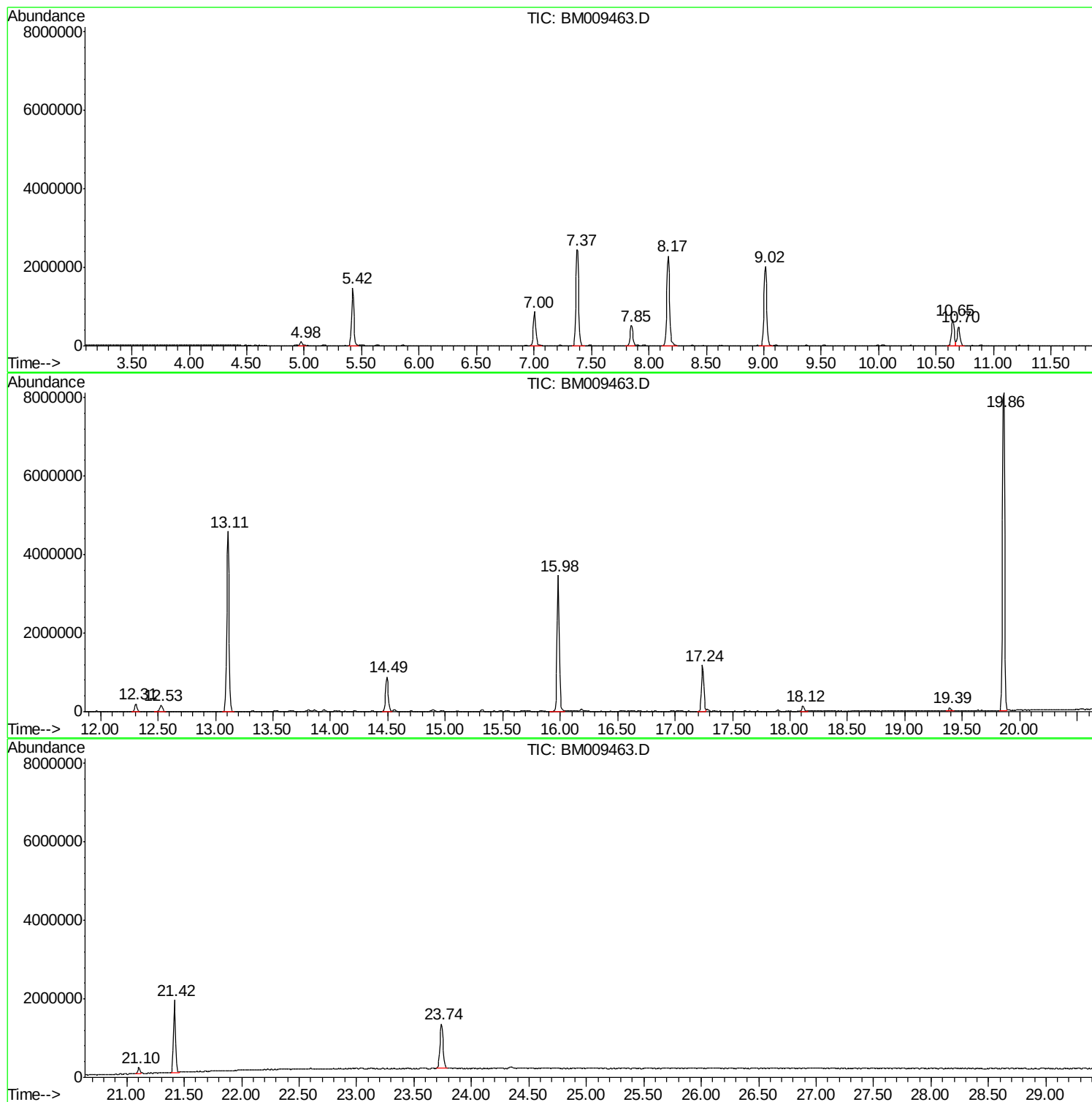
Sum of corrected areas: 47946231

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Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM032217.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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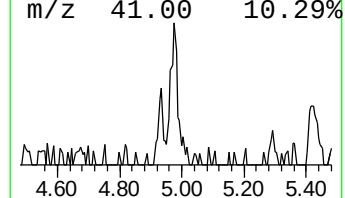
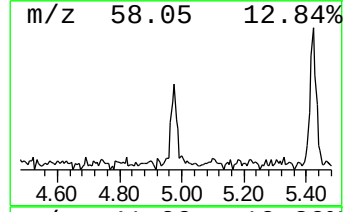
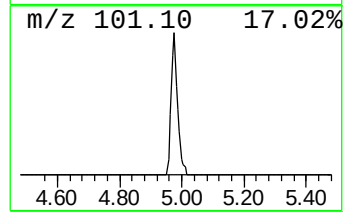
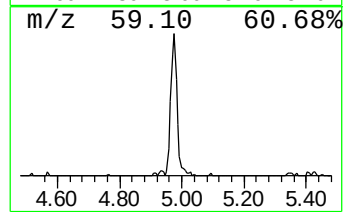
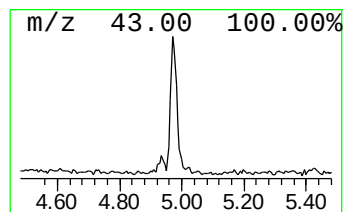
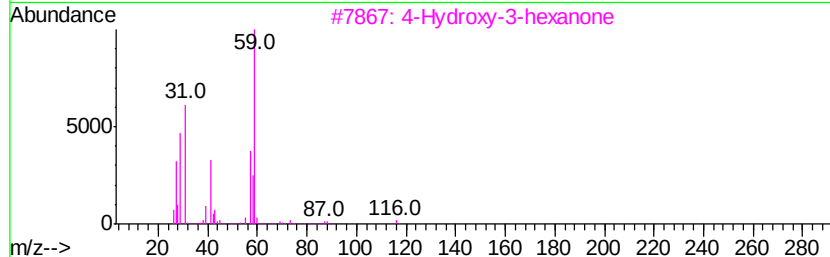
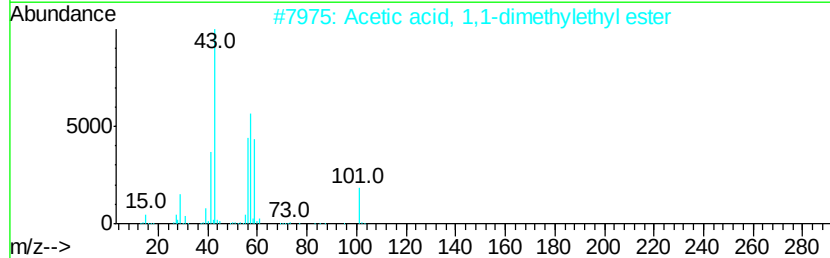
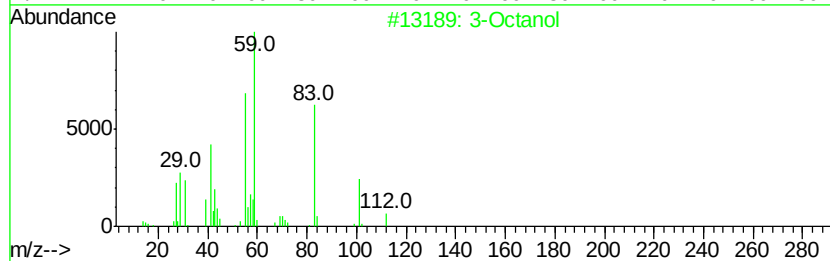
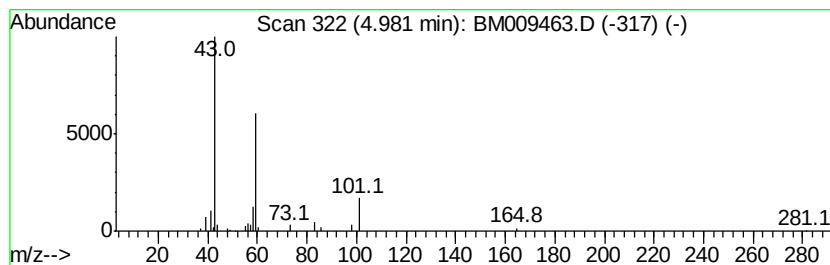
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown4.98 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.98	3.15 ng	134950	1,4-Dichlorobenzene-d4	7.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Octanol	130	C8H18O	000589-98-0	42
2			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3			4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	32
4			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	25
5			1-Butanol, 3-methoxy-	104	C5H12O2	002517-43-3	25



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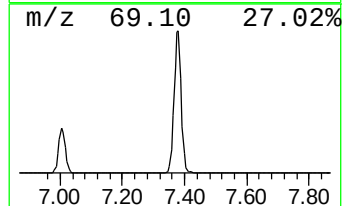
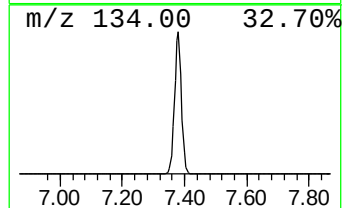
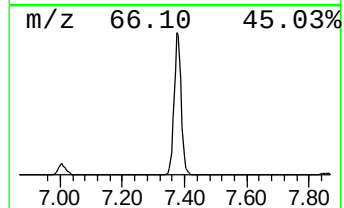
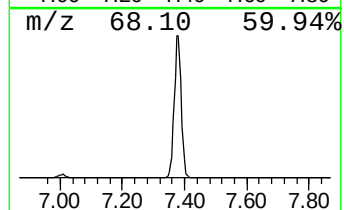
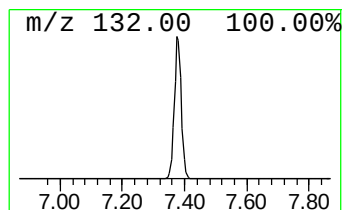
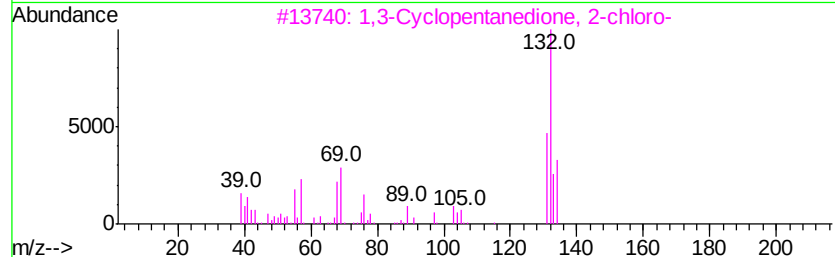
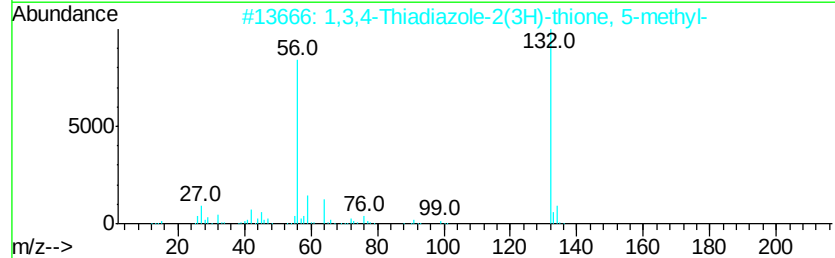
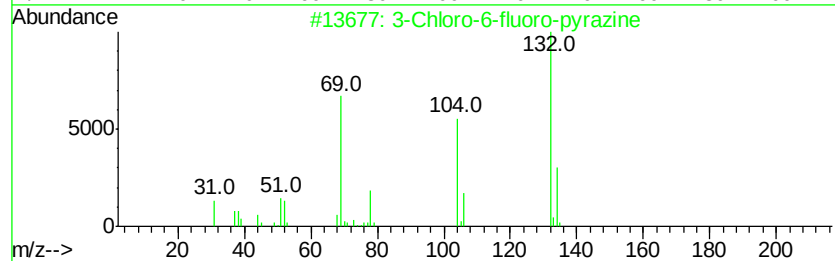
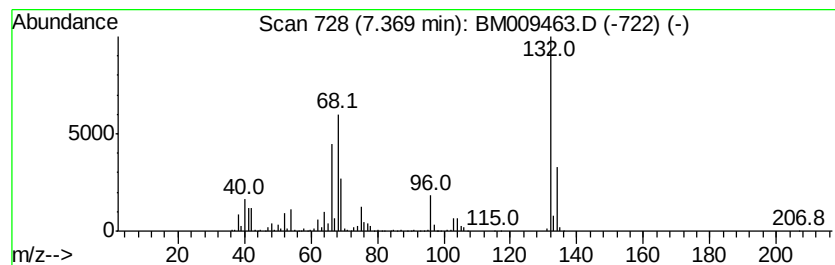
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Peak Number 2 unknown7.37 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.37	91.45 ng	3916760	1,4-Dichlorobenzene-d4	7.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
2		1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	14
3		1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	12
4		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	10
5		Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9



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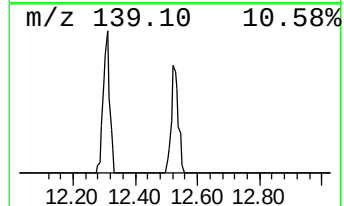
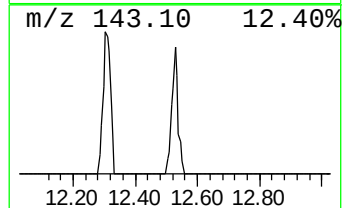
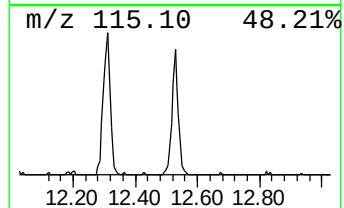
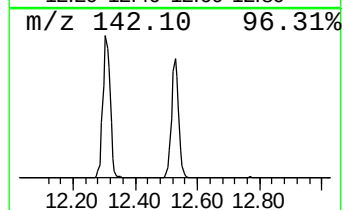
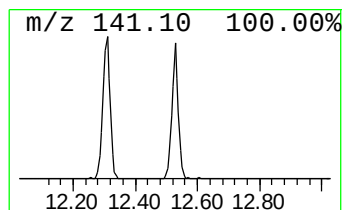
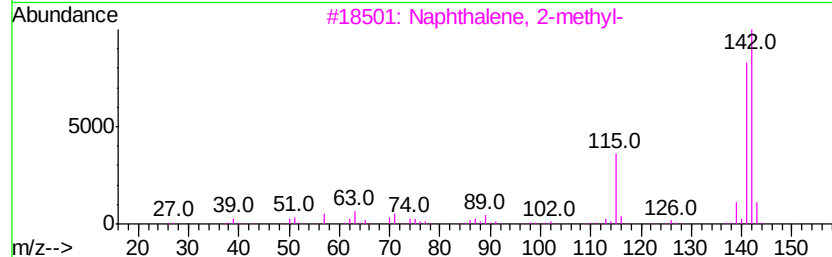
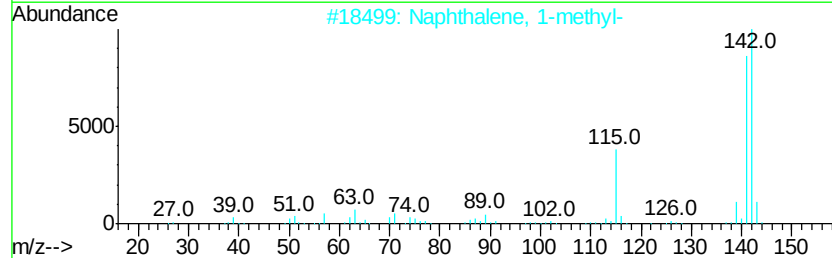
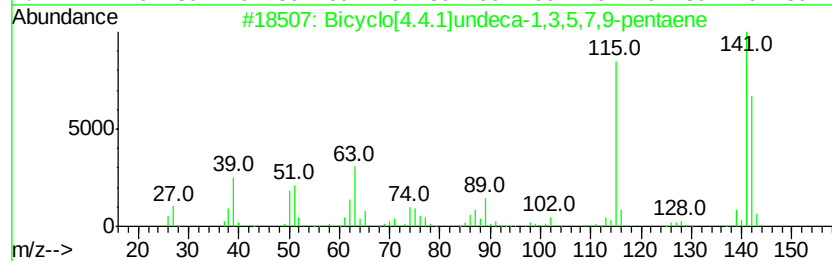
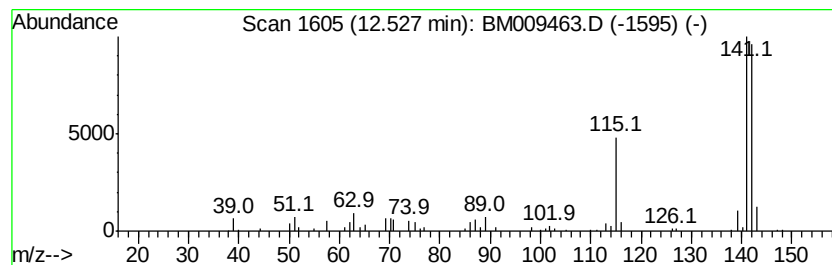
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Peak Number 3 Bicyclo[4.4.1]undeca-1,3,5,... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.53	4.96 ng	269155	Naphthalene-d8	10.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	95
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
3		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	91
4		Benzocycloheptatriene	142	C11H10	000264-09-5	91
5		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91



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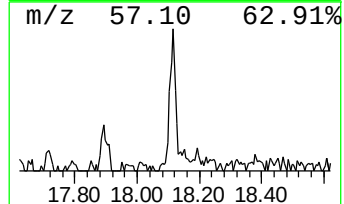
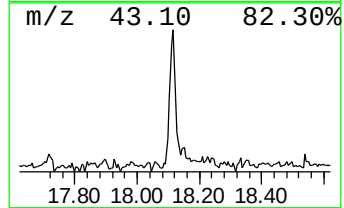
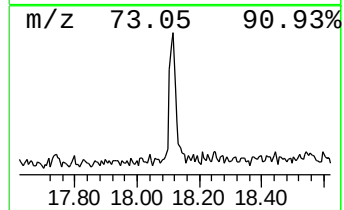
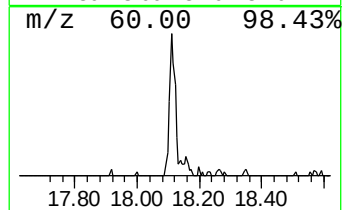
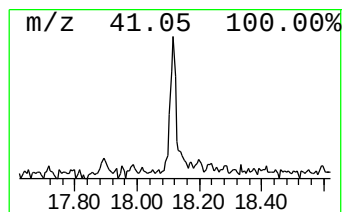
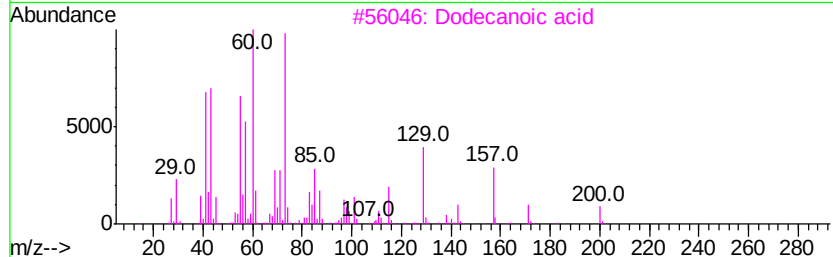
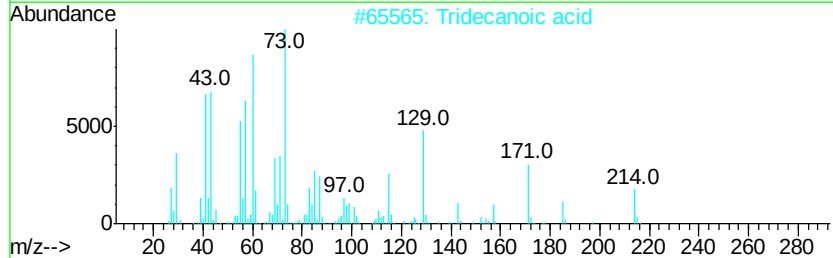
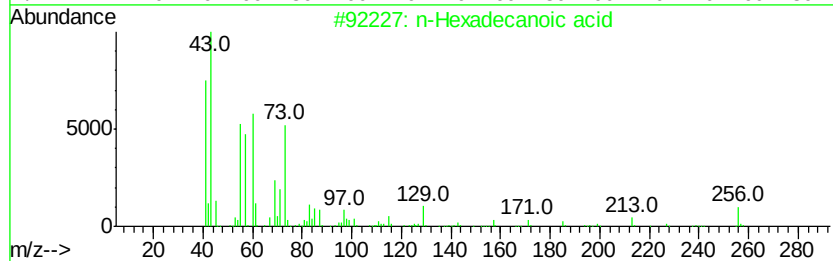
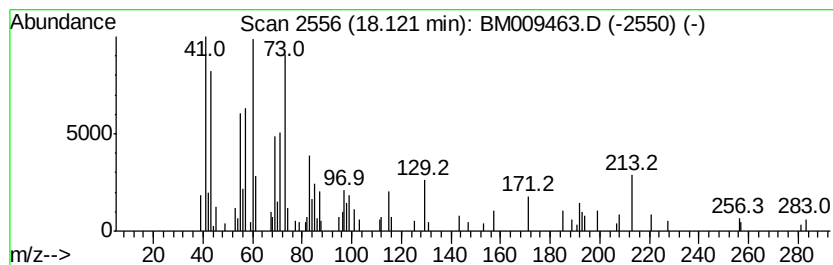
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.12	2.34 ng	197813	Phenanthrene-d10	17.24

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2		Tridecanoic acid	214	C13H26O2	000638-53-9	91
3		Dodecanoic acid	200	C12H24O2	000143-07-7	52
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	47
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	38



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown4.98	4.98	3.1	ng	134950	1	7.85	856617	20.0
unknown7.37	7.37	91.5	ng	3916760	1	7.85	856617	20.0
Bicyclo[4.4.1]und...	12.53	5.0	ng	269155	2	10.65	1084940	20.0
n-Hexadecanoic acid	18.12	2.3	ng	197813	4	17.24	1691870	20.0