

Data Path : Z:\HPCHEM1\BNA N\DATA\BN021918\
 Data File : BN000117.D
 Acq On : 19 Feb 2018 19:21
 Operator : JU/SJ
 Sample : J1573-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-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_N\METHODS\8270-BN020718.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	3.234	37	42	51	rBV	361011	707664	2.19%	0.437%
2	3.316	51	56	81	rVB	2846201	5020851	15.55%	3.101%
3	5.934	494	501	517	rBV	3253237	5338796	16.54%	3.298%
4	7.581	767	781	794	rBV	2245198	3804915	11.79%	2.350%
5	7.975	839	848	860	rBV	6678716	11354236	35.17%	7.013%
6	8.457	923	930	942	rVB	1516492	2562640	7.94%	1.583%
7	8.787	978	986	996	rBV	6187425	10642638	32.97%	6.574%
8	9.639	1122	1131	1138	rBV	5396815	9126804	28.27%	5.637%
9	11.298	1405	1413	1421	rBV	2453737	4233877	13.11%	2.615%
10	13.698	1809	1821	1829	rBV	15061333	22486626	69.65%	13.889%
11	14.504	1952	1958	1964	rBV	337774	552494	1.71%	0.341%
12	14.927	2025	2030	2035	rBV	311073	382854	1.19%	0.236%
13	15.069	2047	2054	2063	rVB2	3888406	5916219	18.33%	3.654%
14	15.869	2181	2190	2195	rBV2	389281	543812	1.68%	0.336%
15	16.533	2297	2303	2317	rBV	10372310	15426829	47.79%	9.529%
16	16.721	2330	2335	2347	rVB	299970	453921	1.41%	0.280%
17	17.786	2509	2516	2523	rBV2	5131015	7345694	22.75%	4.537%
18	18.627	2654	2659	2670	rBV	1117477	1809880	5.61%	1.118%
19	19.874	2867	2871	2889	rBV	818274	1408255	4.36%	0.870%
20	20.345	2945	2951	2963	rBV	24963974	32282887	100.00%	19.940%
21	21.568	3155	3159	3167	rBV	1042064	1617167	5.01%	0.999%
22	21.898	3210	3215	3221	rVB	6729362	8903979	27.58%	5.500%
23	24.380	3629	3637	3652	rVB2	4760625	9975873	30.90%	6.162%

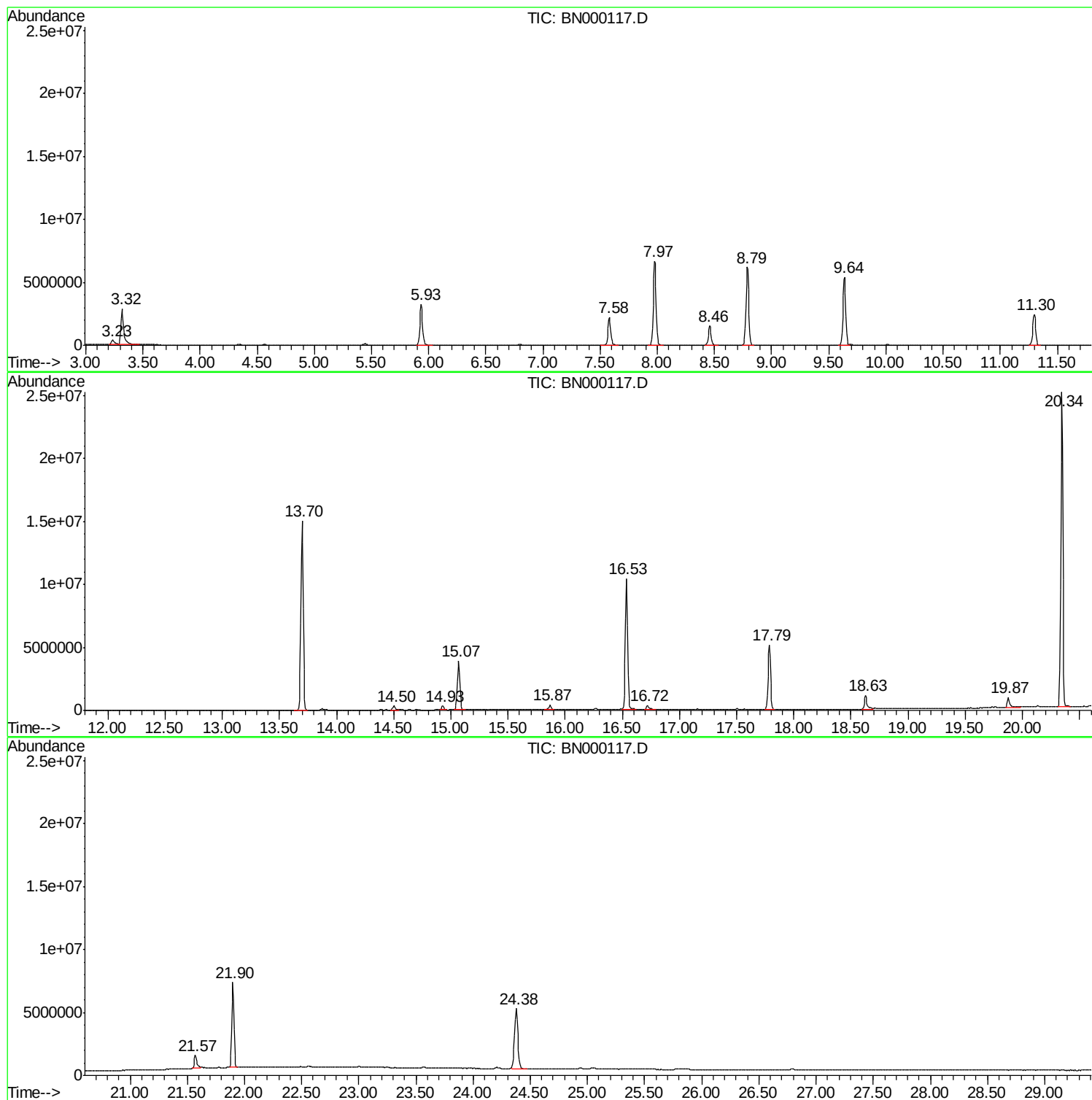
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TIC Library : C:\Database\NIST11.L
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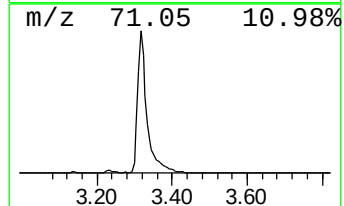
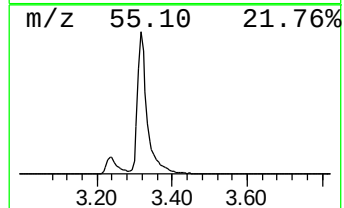
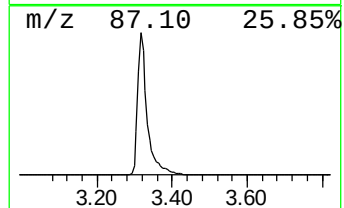
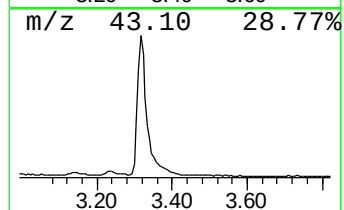
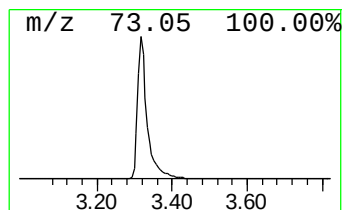
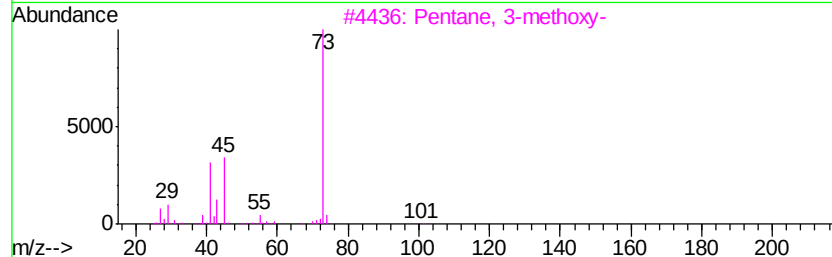
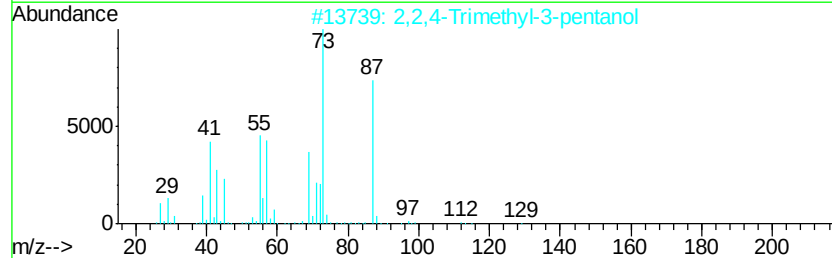
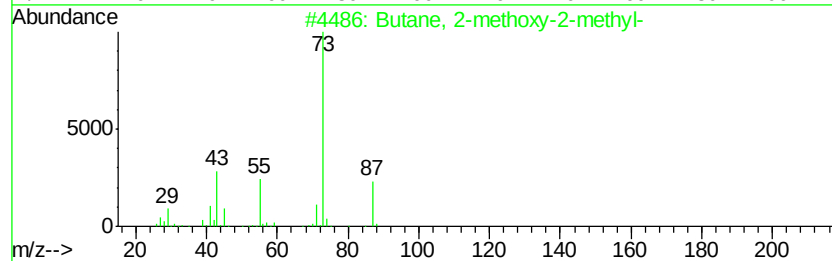
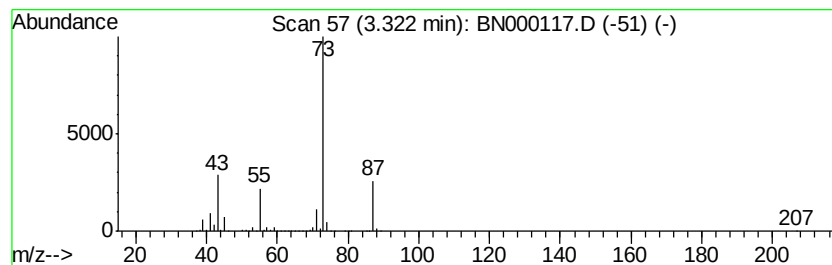
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Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.32	39.19 ng	5020850	1,4-Dichlorobenzene-d4	8.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5		N-Ethylformamide	73	C3H7NO	000627-45-2	9



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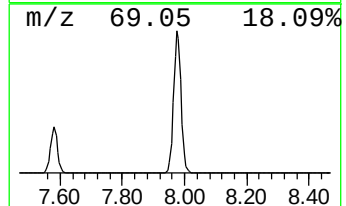
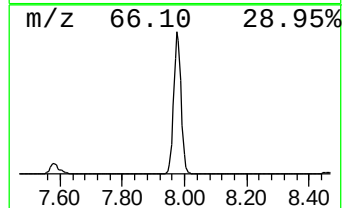
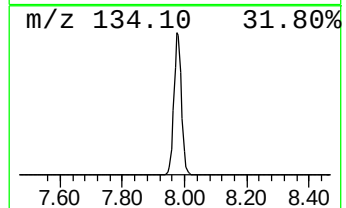
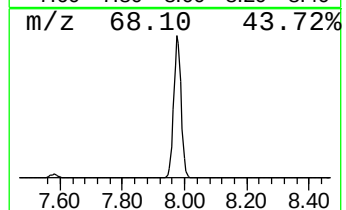
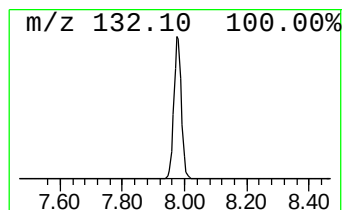
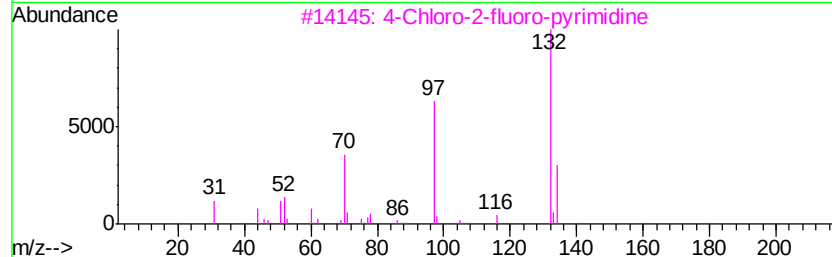
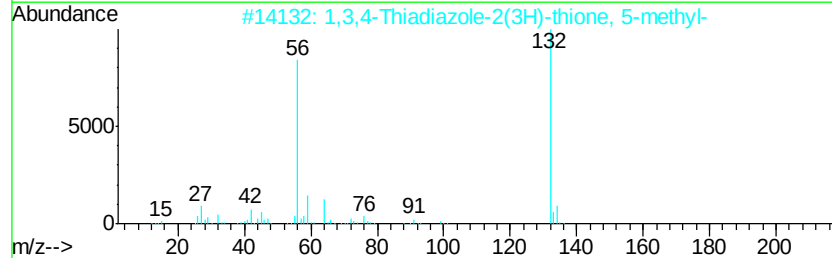
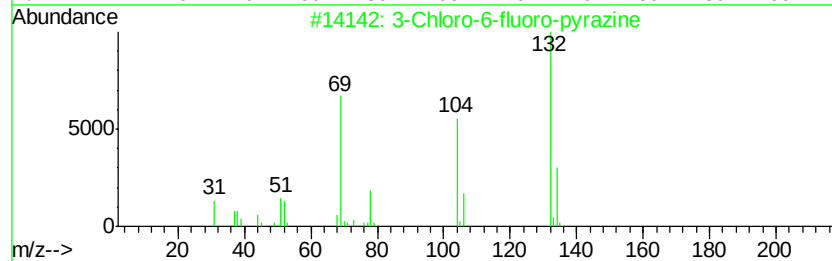
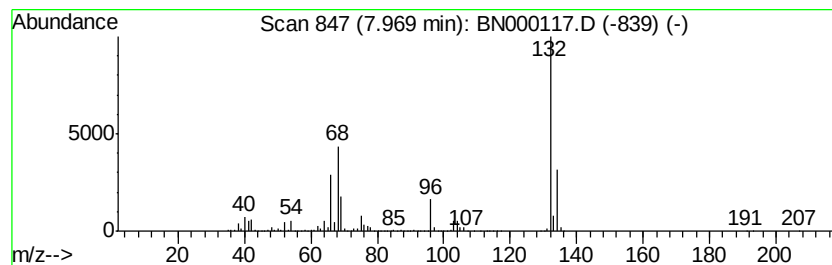
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Peak Number 3 unknown7.97 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.97	88.61 ng	11354200	1,4-Dichlorobenzene-d4	8.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9
3		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
4		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9



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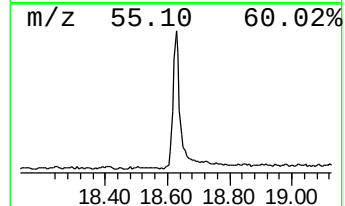
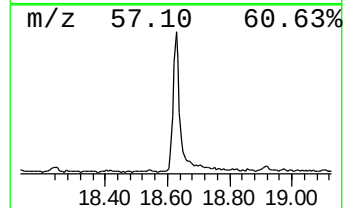
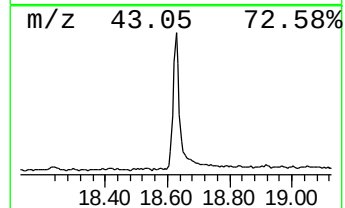
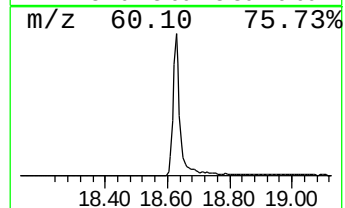
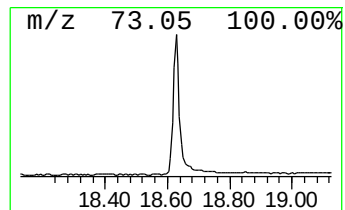
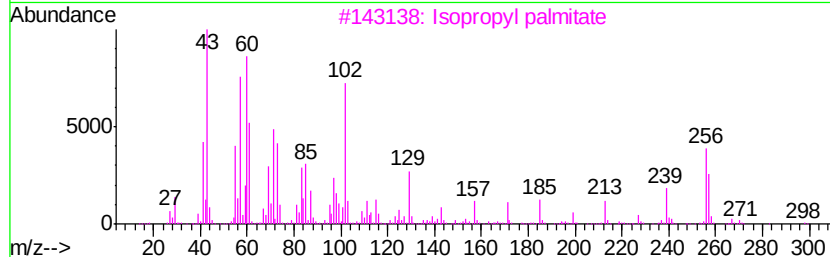
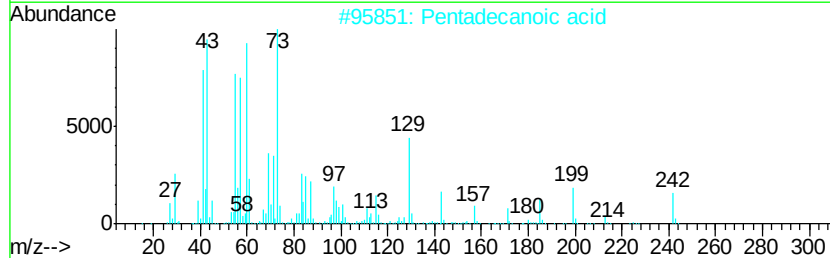
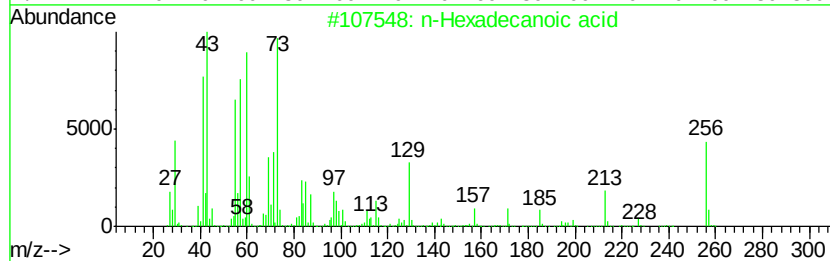
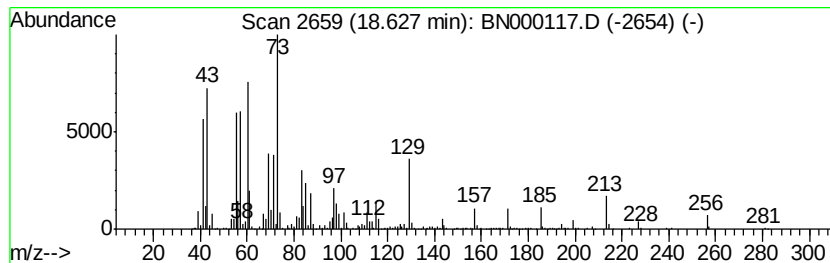
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Peak Number 5 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.63	4.93 ng	1809880	Phenanthrene-d10	17.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3		Isopropyl palmitate	298	C19H38O2	000142-91-6	64
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5		Tridecanoic acid	214	C13H26O2	000638-53-9	64



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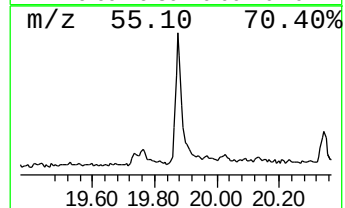
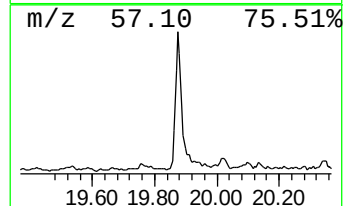
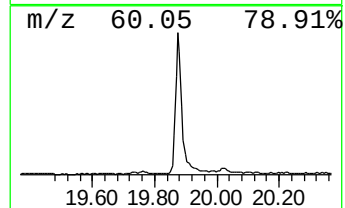
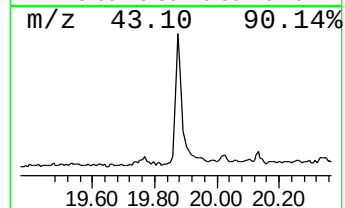
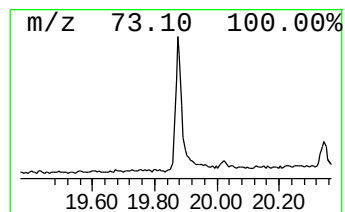
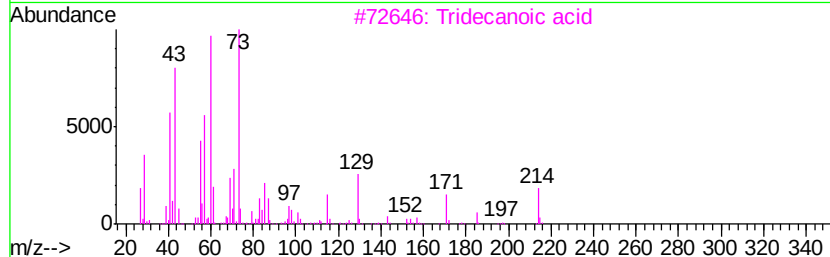
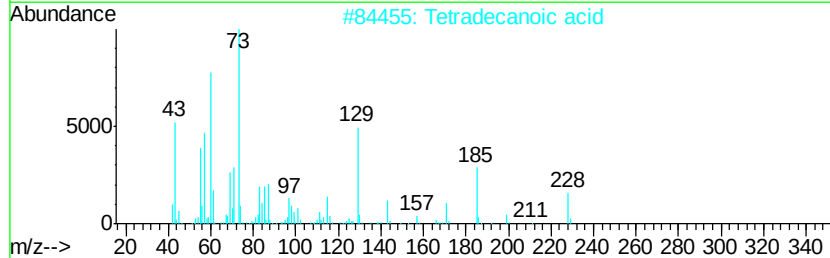
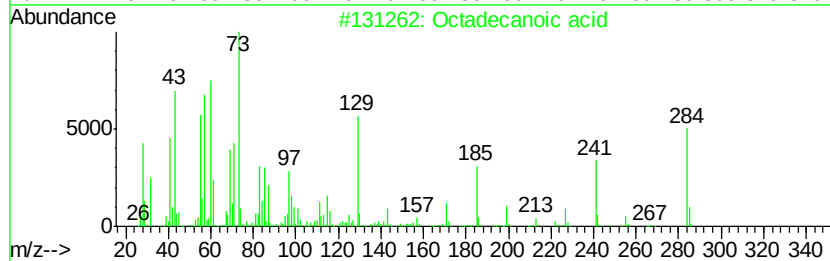
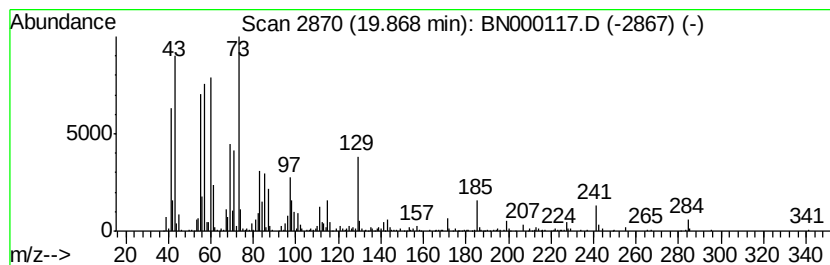
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Peak Number 6 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.87	3.16 ng	1408260	Chrysene-d12	21.90

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	76
3		Tridecanoic acid	214	C13H26O2	000638-53-9	74
4		n-Decanoic acid	172	C10H20O2	000334-48-5	68
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	62



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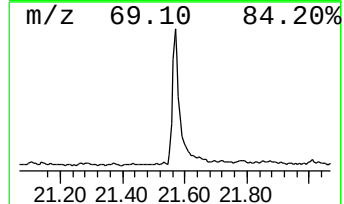
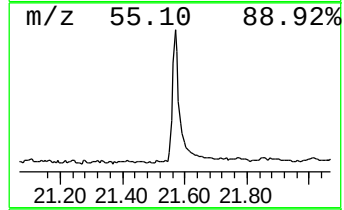
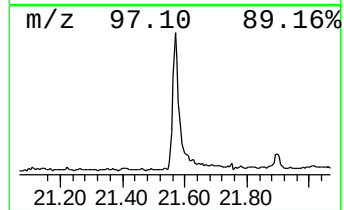
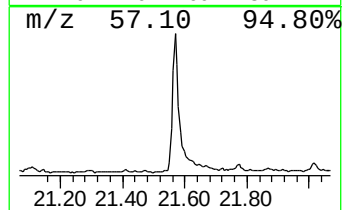
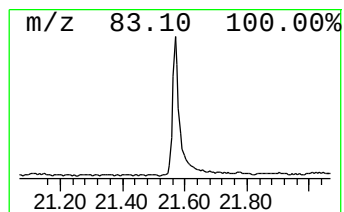
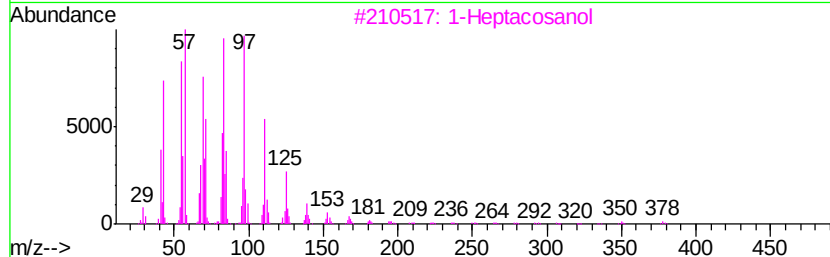
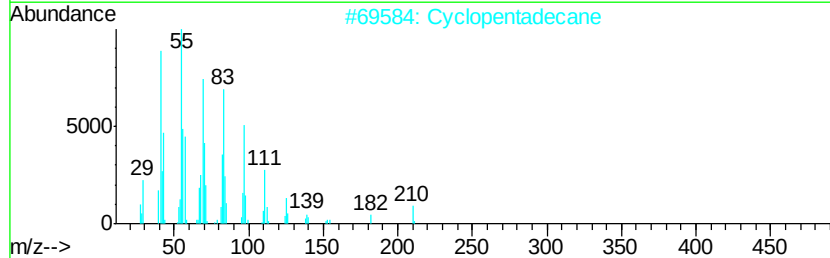
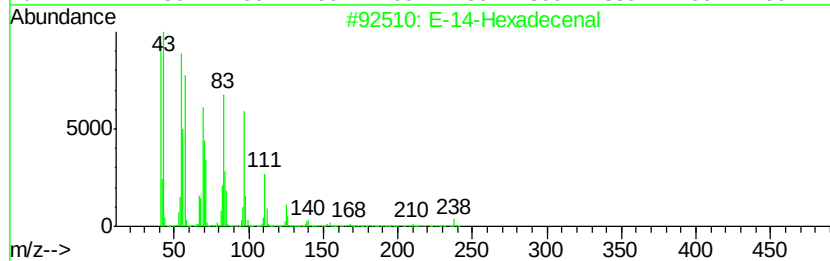
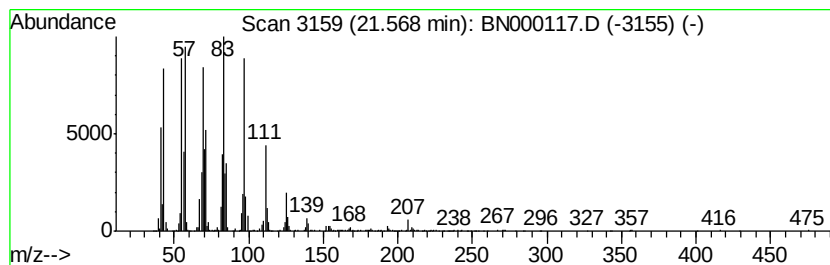
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Peak Number 7 E-14-Hexadecenal Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.57	3.63 ng	1617170	Chrysene-d12	21.90

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	E-14-Hexadecenal			238	C16H30O	330207-53-9	95
2	Cyclopentadecane			210	C15H30	000295-48-7	94
3	1-Heptacosanol			396	C27H56O	002004-39-9	94
4	n-Nonadecanol-1			284	C19H40O	001454-84-8	94
5	Behenic alcohol			326	C22H46O	000661-19-8	93



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.32	39.2	ng	5020850	1	8.46	2562640	20.0
unknown7.97	7.97	88.6	ng	11354200	1	8.46	2562640	20.0
n-Hexadecanoic acid	18.63	4.9	ng	1809880	4	17.79	7345690	20.0
Octadecanoic acid	19.87	3.2	ng	1408260	5	21.90	8903980	20.0
E-14-Hexadecenal	21.57	3.6	ng	1617170	5	21.90	8903980	20.0