

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM010919\
 Data File : BM018487.D
 Acq On : 09 Jan 2019 23:42
 Operator : JU/SJ
 Sample : K1081-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SUP-3B-C-1-010819

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_M\METHODS\8270-BM010919.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	4.899	303	308	319	rBV	365744	521499	2.34%	0.334%
2	5.357	379	386	398	rBV	7283263	10938697	49.06%	7.006%
3	6.946	648	656	674	rBV	7434647	12612160	56.56%	8.078%
4	7.298	709	716	727	rBV	8230485	13002008	58.31%	8.327%
5	7.763	786	795	802	rBV	2278788	3524261	15.81%	2.257%
6	8.081	841	849	857	rBV	6347368	10042047	45.04%	6.432%
7	8.928	984	993	1006	rBV	4687958	7772615	34.86%	4.978%
8	10.557	1262	1270	1283	rBV	3087282	5029165	22.56%	3.221%
9	13.027	1681	1690	1698	rBV	13294628	18820156	84.41%	12.054%
10	13.869	1827	1833	1841	rBV	691859	957465	4.29%	0.613%
11	14.410	1918	1925	1933	rBV2	4440090	6773494	30.38%	4.338%
12	15.904	2171	2179	2189	rBV	10225999	14678189	65.83%	9.401%
13	17.162	2387	2393	2397	rBV	5924133	7891146	35.39%	5.054%
14	17.204	2397	2400	2407	rVB	823773	1082907	4.86%	0.694%
15	18.051	2538	2544	2547	rBV2	889851	1260384	5.65%	0.807%
16	19.221	2738	2743	2748	rBV	1032624	1391714	6.24%	0.891%
17	19.333	2759	2762	2771	rVB	389658	505493	2.27%	0.324%
18	19.556	2796	2800	2802	rBV3	240178	322417	1.45%	0.206%
19	19.586	2802	2805	2813	rVB	848130	1171089	5.25%	0.750%
20	19.792	2834	2840	2845	rBV	17502428	22296932	100.00%	14.281%
21	20.586	2973	2975	2979	rVB	229798	243614	1.09%	0.156%
22	21.050	3051	3054	3059	rBV	1033935	1123474	5.04%	0.720%
23	21.350	3100	3105	3109	rBV	5049351	6793317	30.47%	4.351%
24	21.492	3126	3129	3134	rBV	507627	554808	2.49%	0.355%
25	22.403	3281	3284	3298	rVB	757865	1155515	5.18%	0.740%
26	23.639	3489	3494	3503	rVB	3166467	5670681	25.43%	3.632%

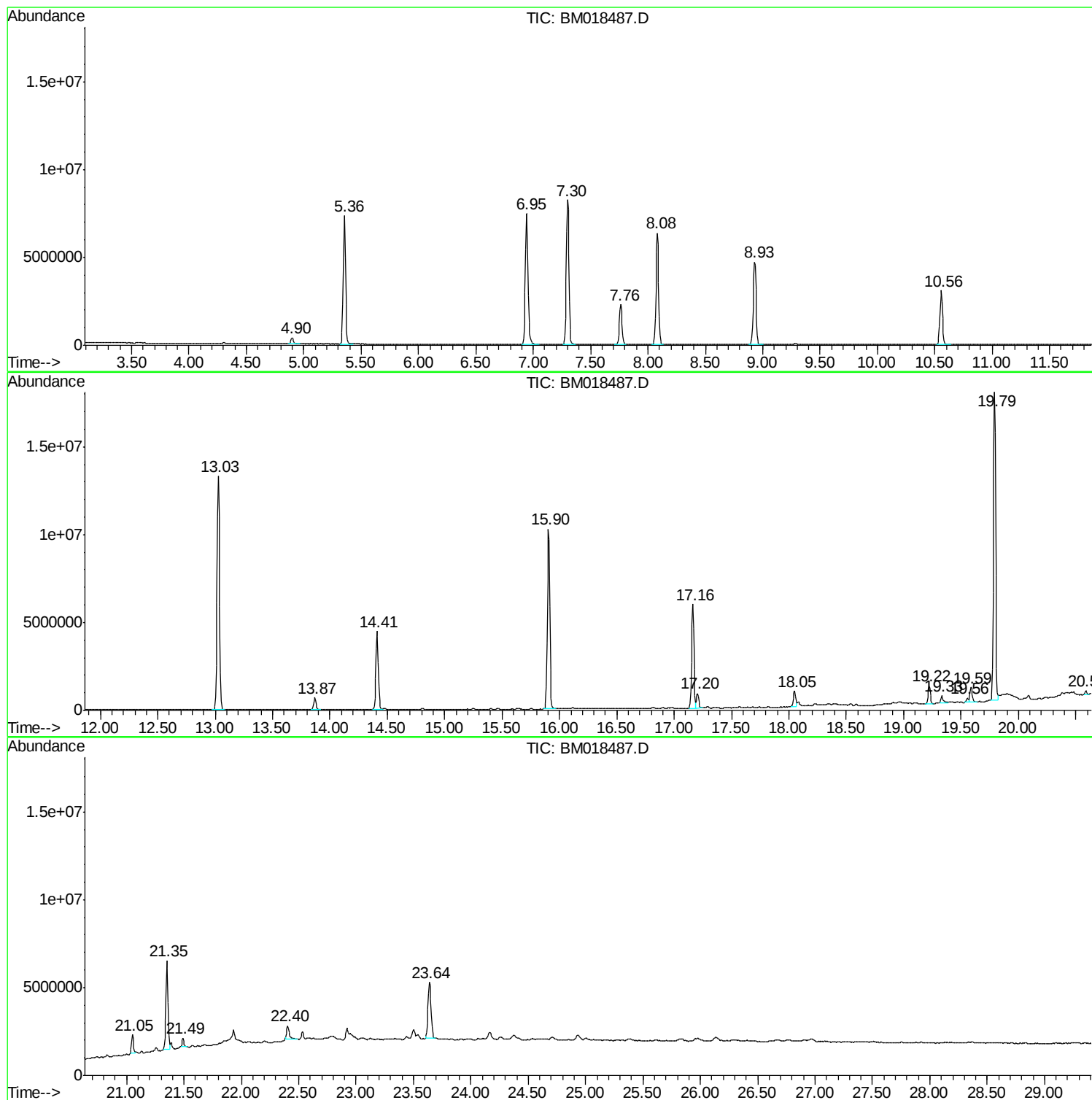
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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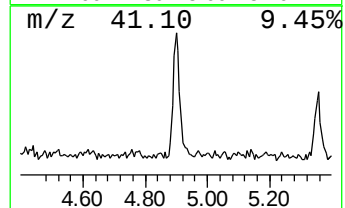
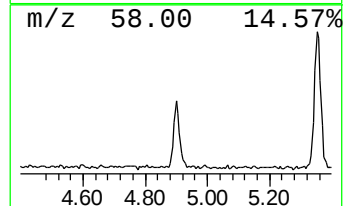
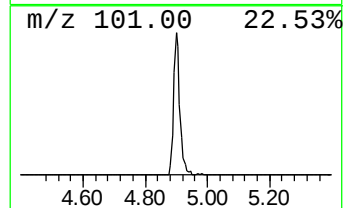
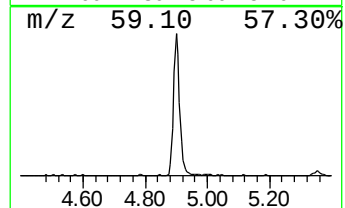
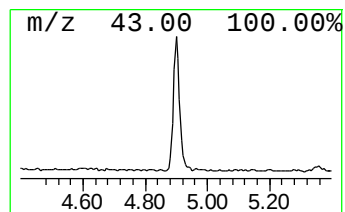
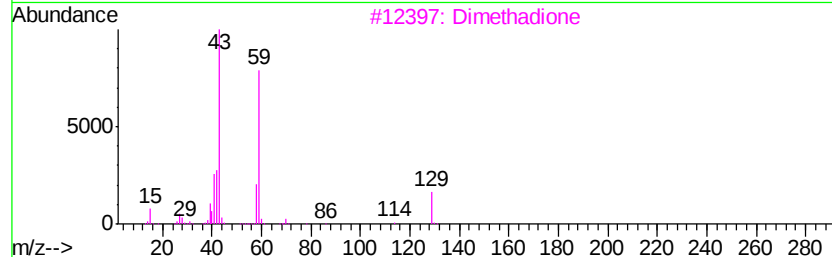
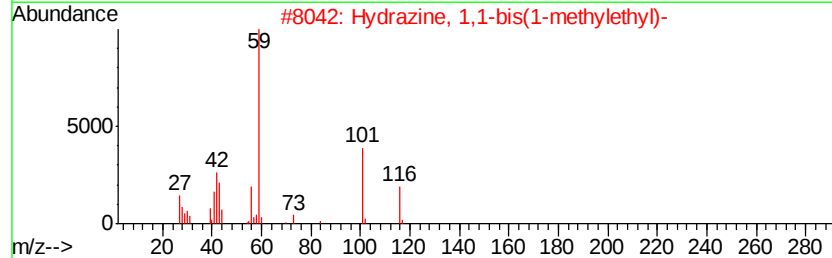
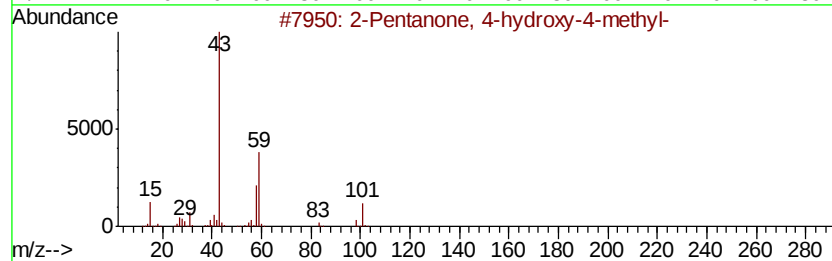
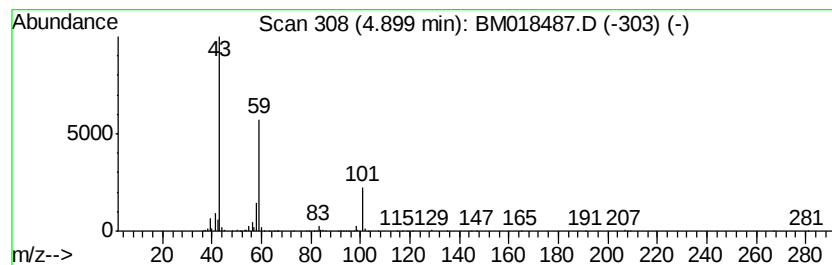
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.90	2.96 ng	521499	1,4-Dichlorobenzene-d4	7.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2			Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	40
3			Dimethadione	129	C5H7NO3	000695-53-4	40
4			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
5			5-Hexen-2-one	98	C6H10O	000109-49-9	9



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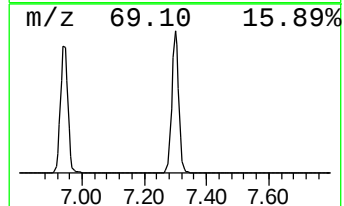
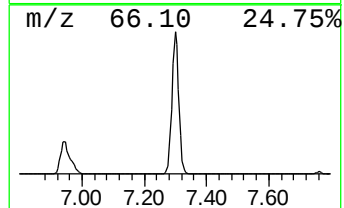
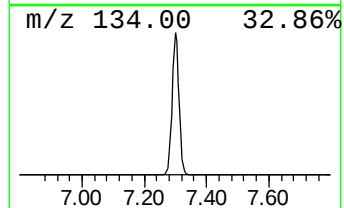
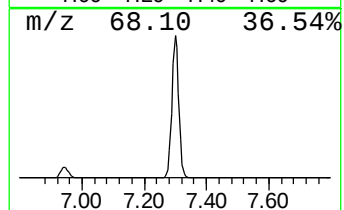
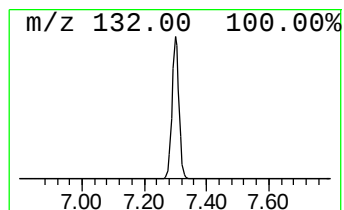
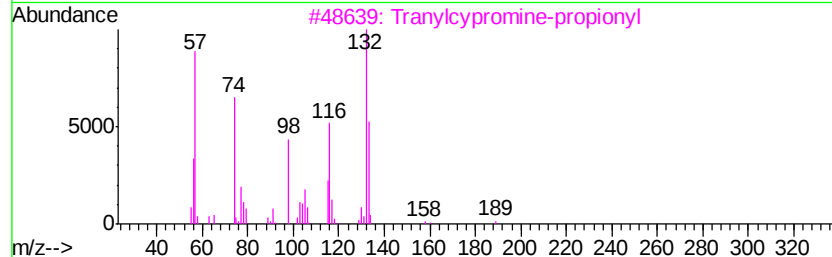
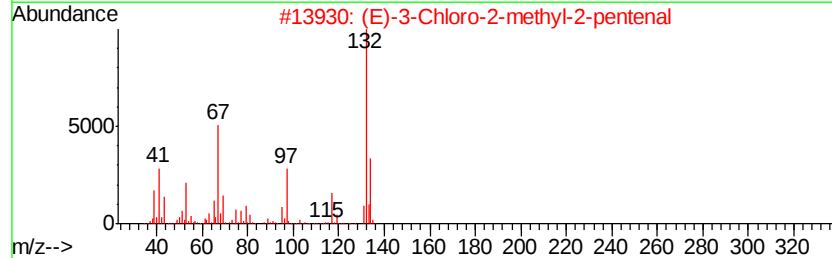
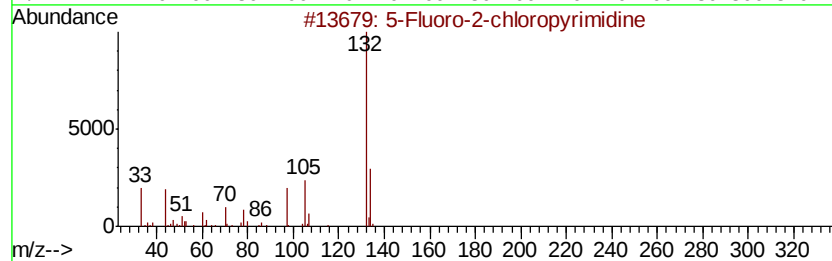
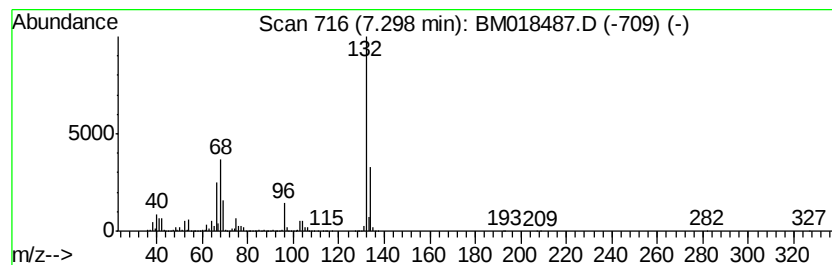
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Peak Number 2 unknown7.30 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.30	73.79 ng	13002000	1,4-Dichlorobenzene-d4	7.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	25
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		Tranvlcypropane-propionyl	189	C12H15NO	1000123-86-3	12
4		Benzene, 1,3,5-trifluoro-	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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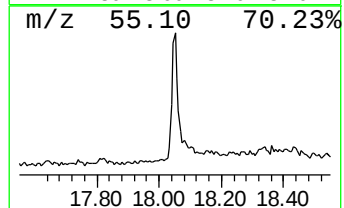
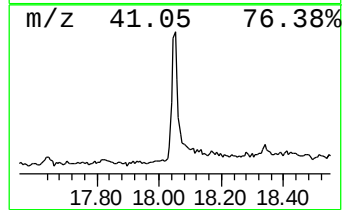
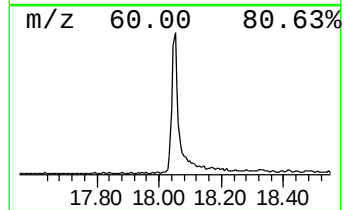
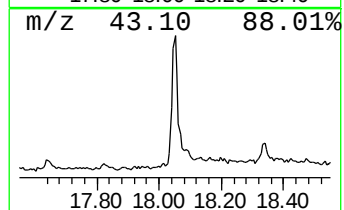
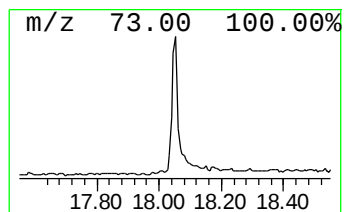
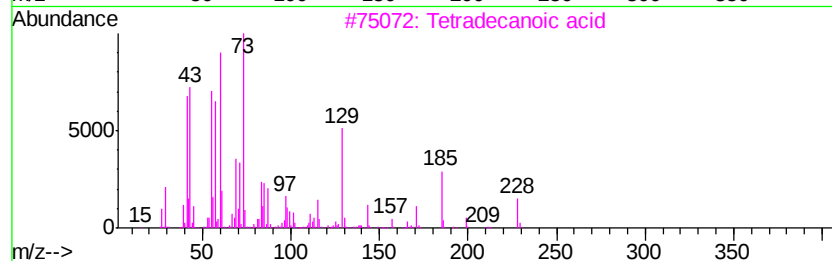
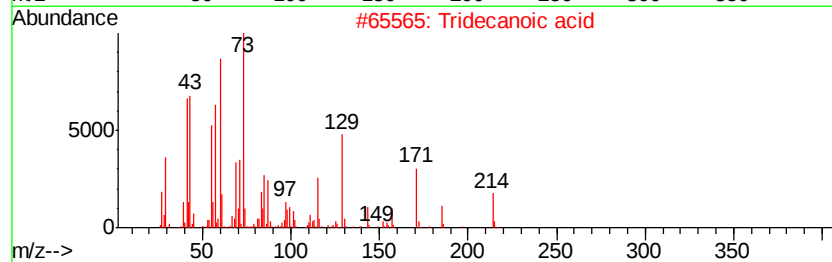
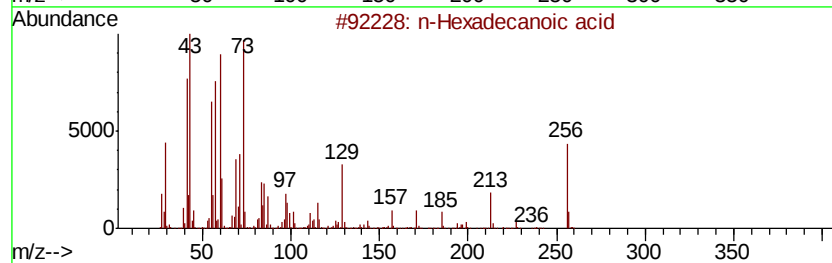
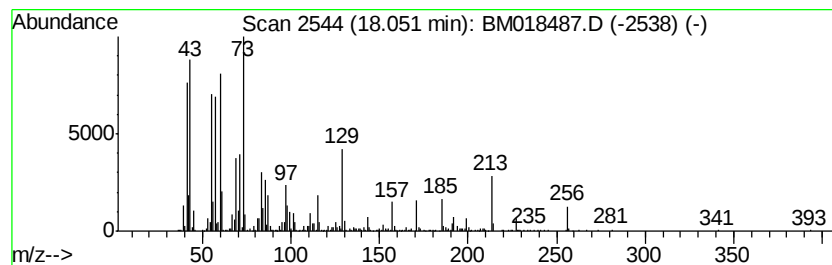
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.05	3.19 ng	1260380	Phenanthrene-d10	17.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Tridecanoic acid	214	C13H26O2	000638-53-9	94
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	90
4		Undecanoic acid	186	C11H22O2	000112-37-8	72
5		n-Decanoic acid	172	C10H20O2	000334-48-5	62



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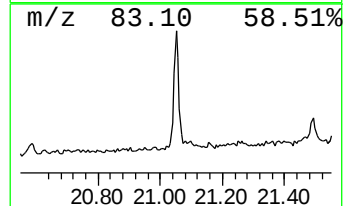
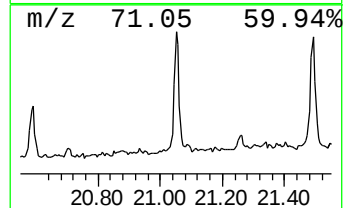
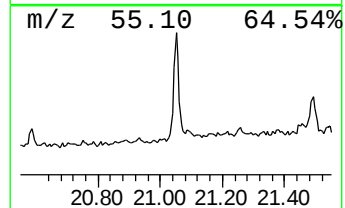
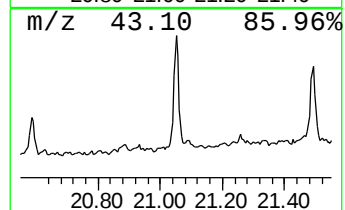
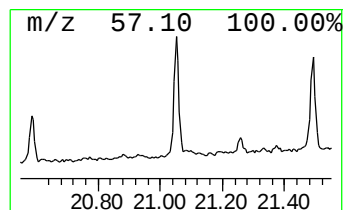
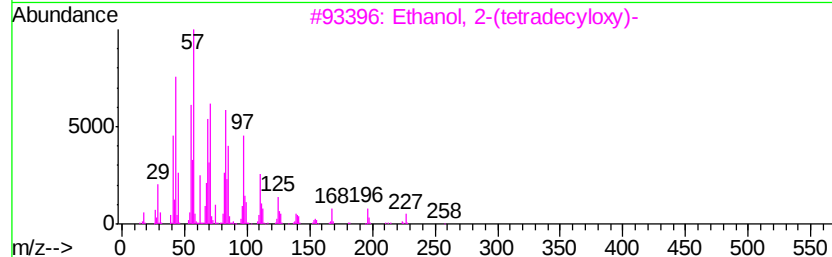
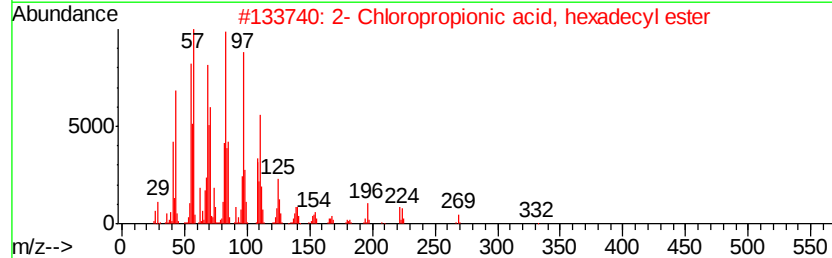
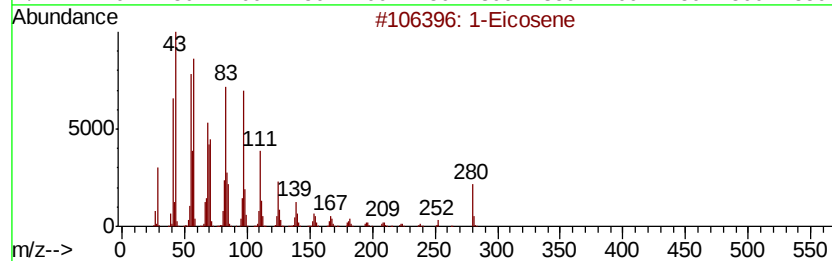
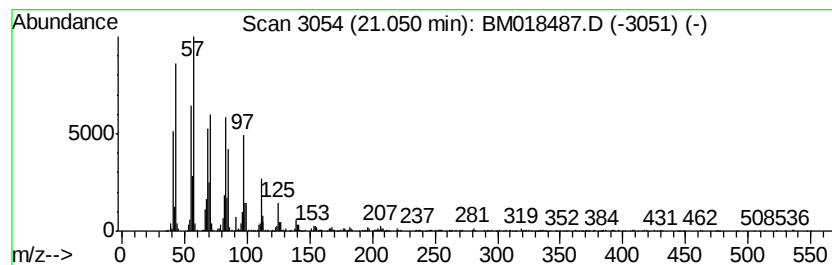
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Peak Number 5 1-Eicosene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.05	3.31 ng	1123470	Chrysene-d12	21.35
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Eicosene		280 C20H40	003452-07-1 98
2	2- Chloropropionic acid, hexadec...		332 C19H37ClO2	086711-81-1 83
3	Ethanol, 2-(tetradecvloxv)-		258 C16H34O2	002136-70-1 81
4	1-Hexadecanesulfonyl chloride		324 C16H33ClO2S	038775-38-1 81
5	Heptafluorobutanoic acid, heptad...		452 C21H35F7O2	1000282-97-3 70



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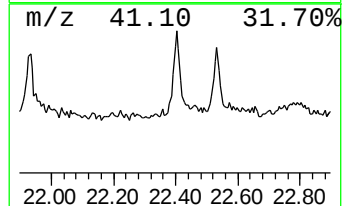
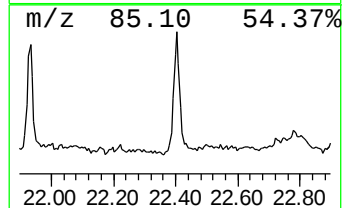
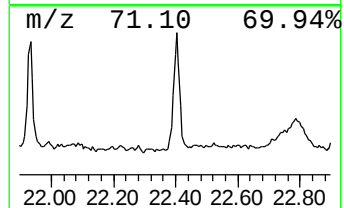
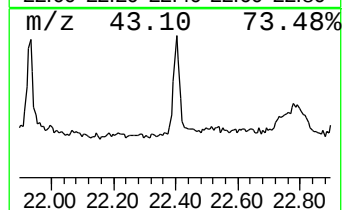
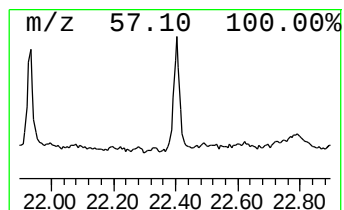
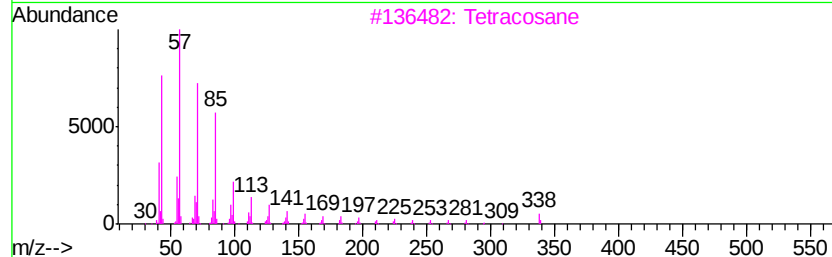
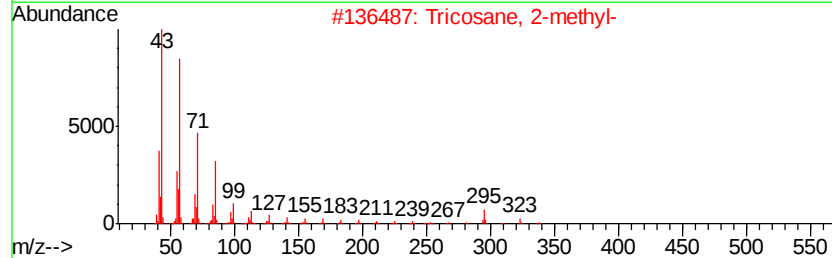
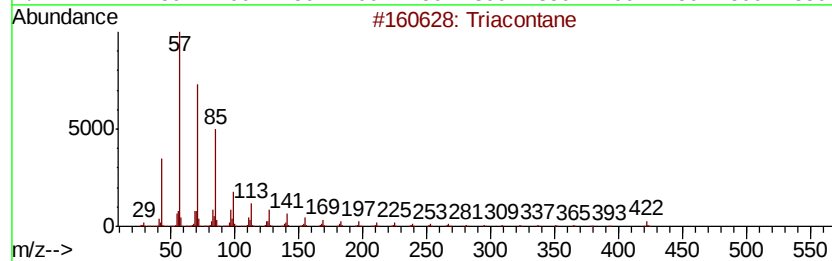
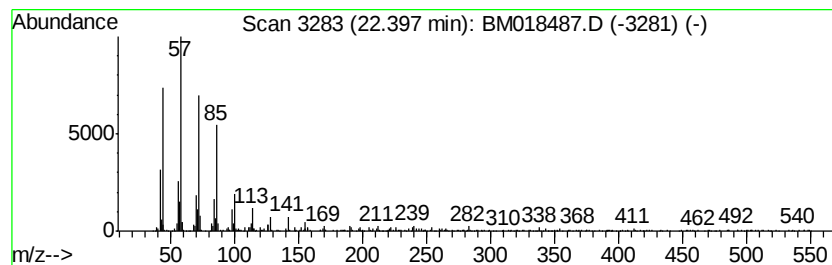
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 6 Triacontane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.40	3.40 ng	1155520	Chrysene-d12	21.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Triacontane	422	C30H62	000638-68-6	95
2		Tricosane, 2-methyl-	338	C24H50	001928-30-9	90
3		Tetracosane	338	C24H50	000646-31-1	90
4		Docosane, 9-butyl-	366	C26H54	055282-14-9	90
5		Octacosane	394	C28H58	000630-02-4	90



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.90	3.0	ng	521499	1	7.76	3524260	20.0
unknown7.30	7.30	73.8	ng	13002000	1	7.76	3524260	20.0
n-Hexadecanoic acid	18.05	3.2	ng	1260380	4	17.16	7891150	20.0
1-Eicosene	21.05	3.3	ng	1123470	5	21.35	6793320	20.0
Triacontane	22.40	3.4	ng	1155520	5	21.35	6793320	20.0