

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041919\
 Data File : BM019978.D
 Acq On : 19 Apr 2019 16:58
 Operator : JU/SJ
 Sample : K2475-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-TRACK-78-79

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-BM041519.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	5.122	357	363	386	rBV	3349150	5101128	45.26%	7.814%
2	6.710	626	633	661	rBV	3381623	5526304	49.03%	8.465%
3	7.045	683	690	705	rBV	3698239	5766381	51.16%	8.833%
4	7.510	763	769	778	rBV	663622	1057736	9.38%	1.620%
5	7.822	815	822	836	rVB	2542025	4009946	35.58%	6.143%
6	8.687	961	969	980	rBV	1775024	3212185	28.50%	4.921%
7	10.286	1233	1241	1248	rBV	800709	1420554	12.60%	2.176%
8	12.780	1658	1665	1689	rBV	5032595	7480644	66.37%	11.459%
9	13.651	1804	1813	1824	rBV	225444	400360	3.55%	0.613%
10	14.174	1896	1902	1912	rBV2	1220314	1890687	16.78%	2.896%
11	15.692	2153	2160	2176	rBV	4267774	6453010	57.25%	9.885%
12	16.945	2367	2373	2377	rBV	1633097	2238224	19.86%	3.429%
13	16.986	2377	2380	2387	rVB	145632	221865	1.97%	0.340%
14	17.839	2518	2525	2529	rBV2	667476	1013183	8.99%	1.552%
15	18.751	2676	2680	2685	rBV2	88232	126906	1.13%	0.194%
16	19.021	2721	2726	2731	rVB	247290	334650	2.97%	0.513%
17	19.133	2740	2745	2750	rBV3	197838	308766	2.74%	0.473%
18	19.386	2784	2788	2797	rVB	286713	415244	3.68%	0.636%
19	19.592	2817	2823	2832	rBV	9272461	11270651	100.00%	17.265%
20	19.886	2870	2873	2878	rVB2	115876	143842	1.28%	0.220%
21	20.856	3034	3038	3047	rBV	884317	1128271	10.01%	1.728%
22	21.162	3084	3090	3094	rBV	2034970	2669778	23.69%	4.090%
23	21.292	3109	3112	3117	rBV2	145882	159587	1.42%	0.244%
24	21.715	3180	3184	3187	rBV	208310	263775	2.34%	0.404%
25	22.162	3257	3260	3264	rVB	208228	223089	1.98%	0.342%
26	22.644	3339	3342	3347	rVB	227911	287172	2.55%	0.440%
27	23.356	3457	3463	3476	rVB2	1135342	2157151	19.14%	3.304%

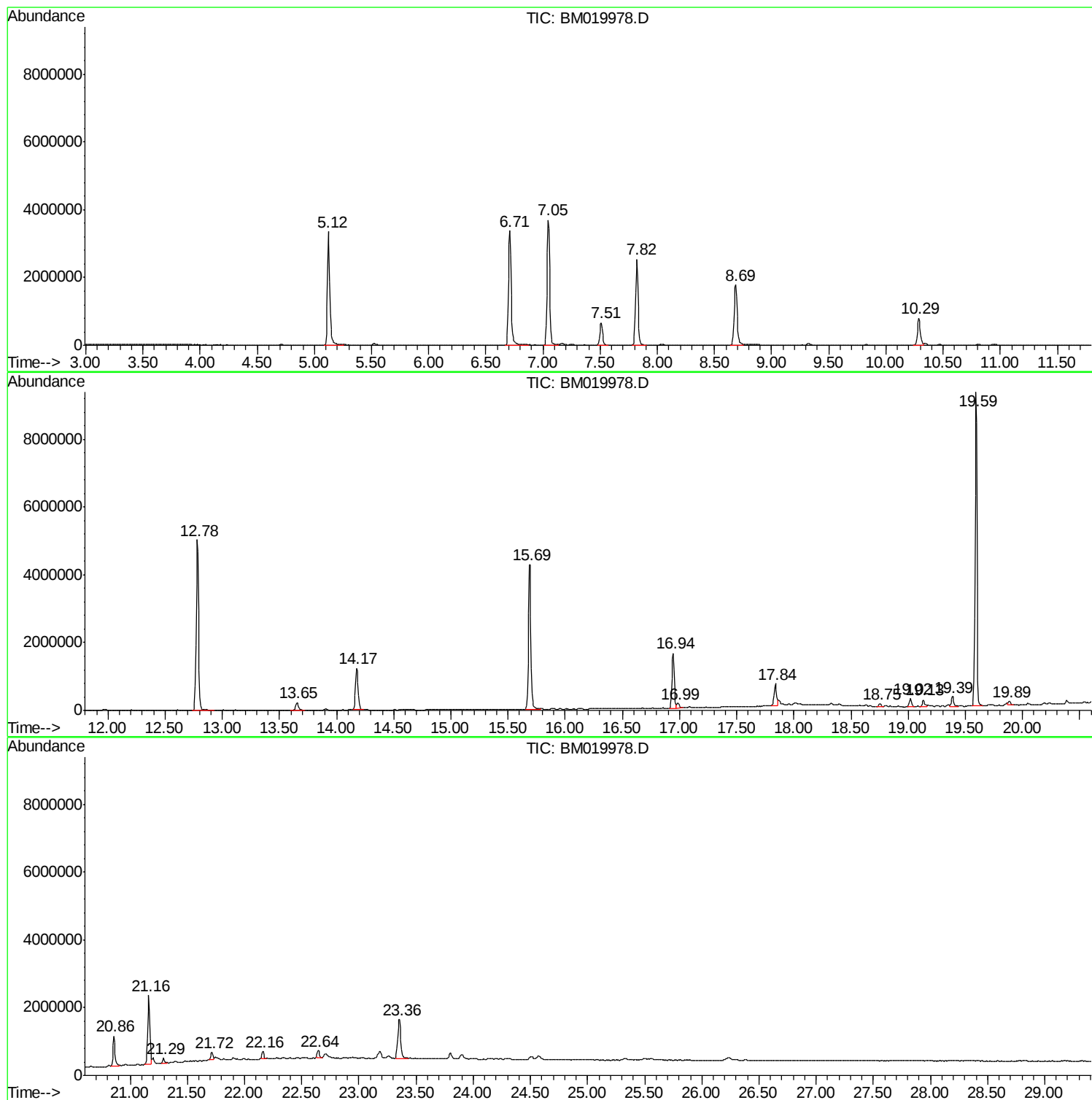
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM041519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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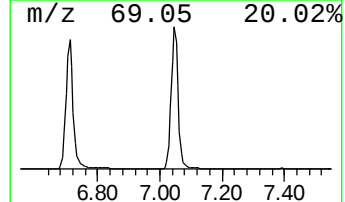
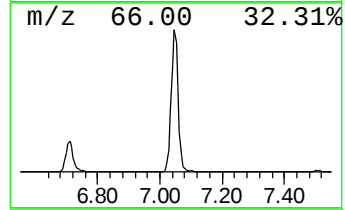
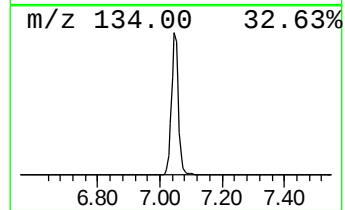
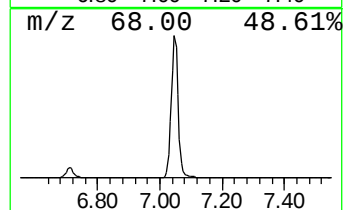
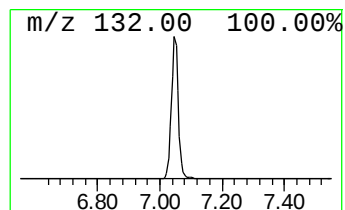
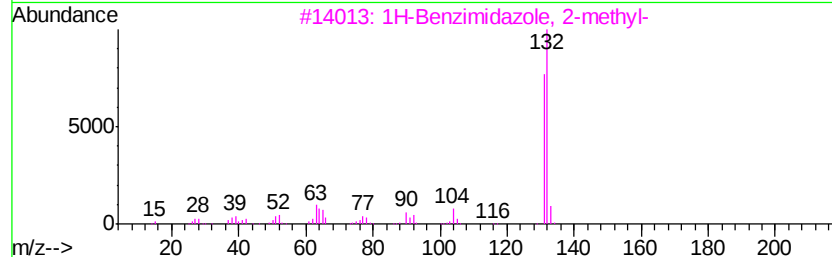
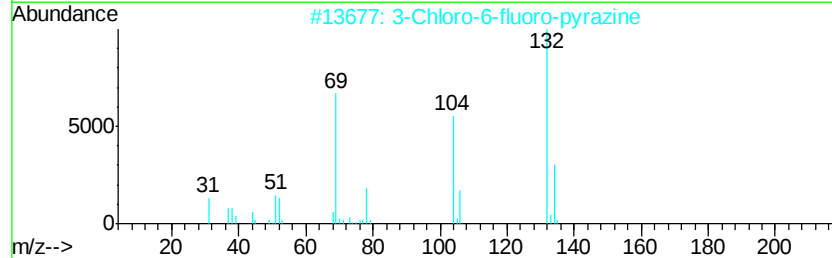
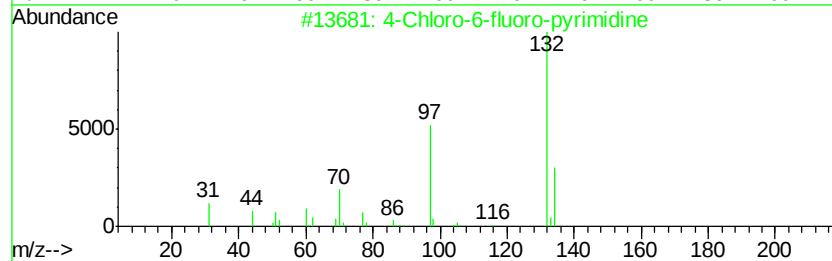
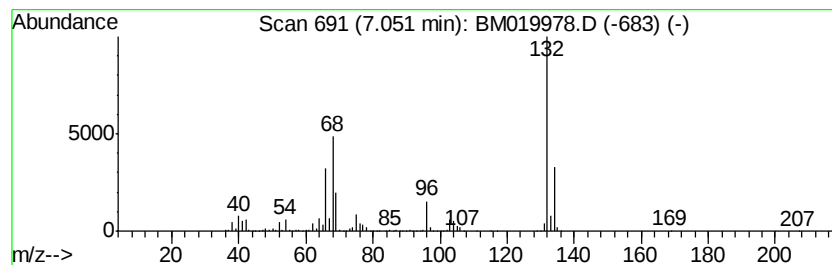
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown7.05 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.05	109.03 ng	5766380	1,4-Dichlorobenzene-d4	7.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5		(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10



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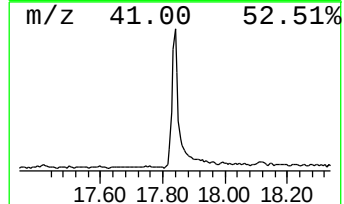
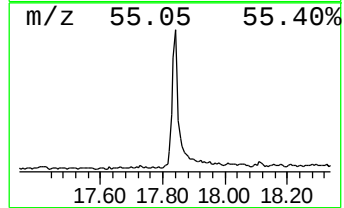
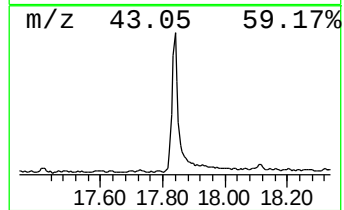
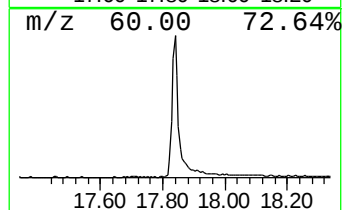
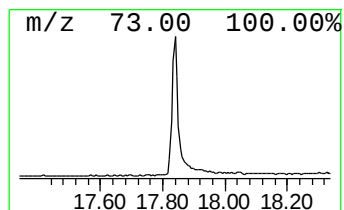
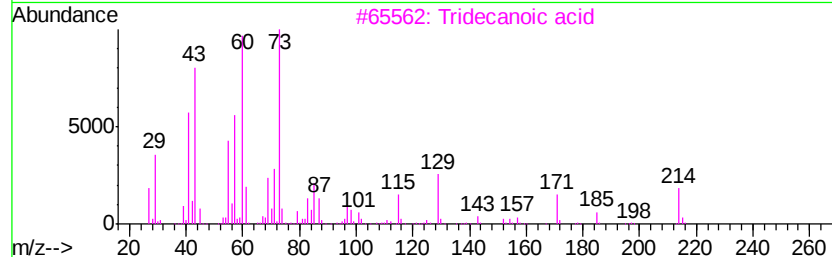
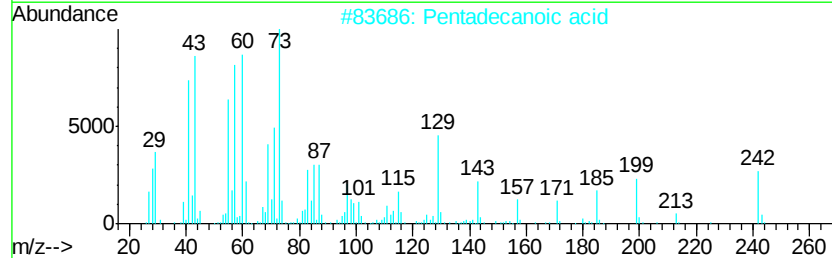
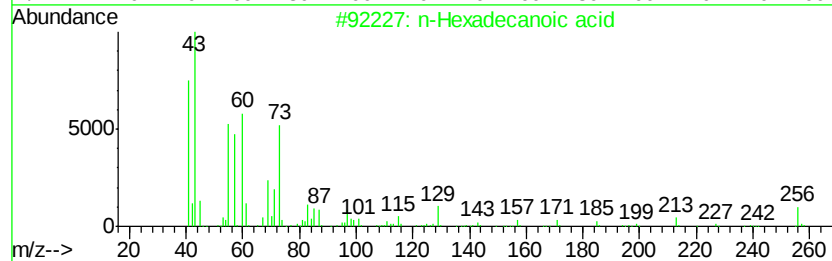
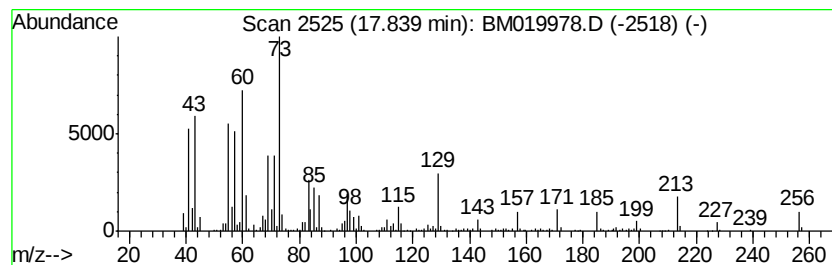
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.
17.84	9.05 ng	1013180	Phenanthrene-d10		16.94
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
3	Tridecanoic acid	214	C13H26O2	000638-53-9	52
4	Tetradecane	198	C14H30	000629-59-4	20
5	Hexadecane	226	C16H34	000544-76-3	20



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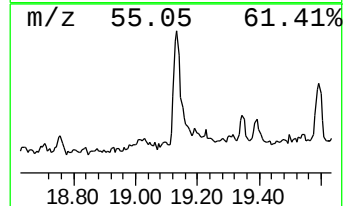
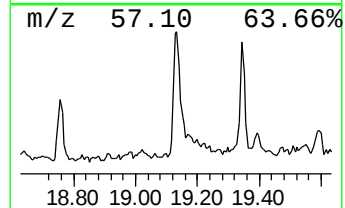
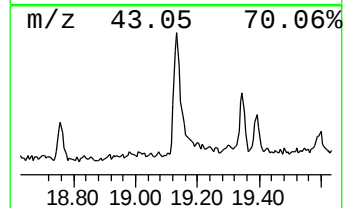
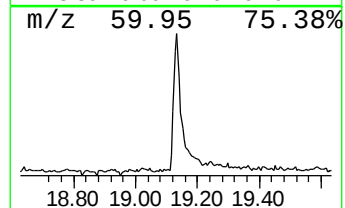
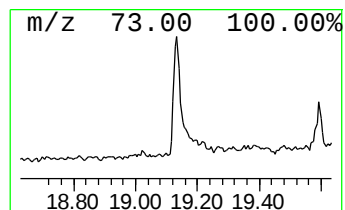
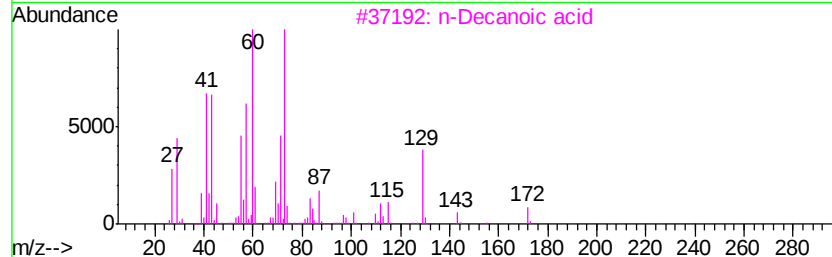
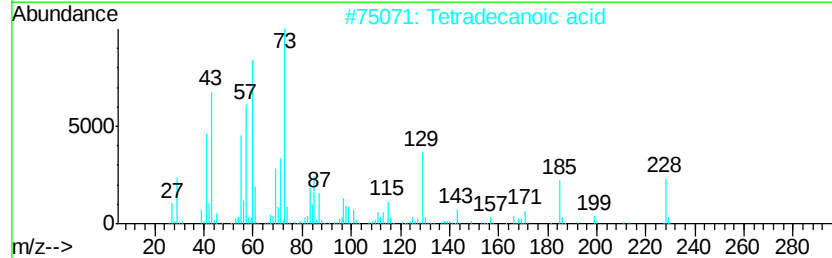
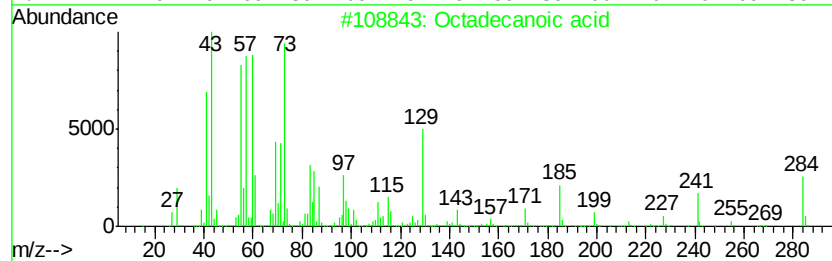
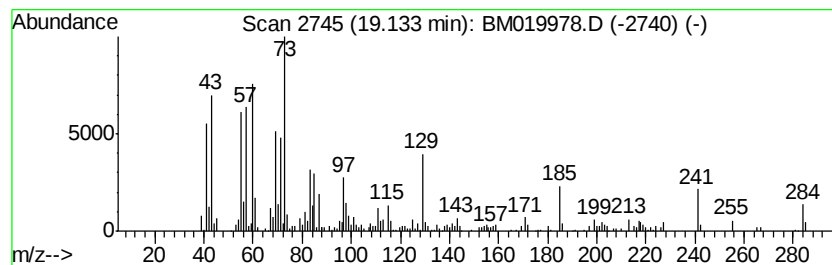
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Peak Number 4 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.
19.13	2.31 ng	308766	Chrysene-d12		21.16
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	74
3	n-Decanoic acid	172	C10H20O2	000334-48-5	70
4	Hexadecane	226	C16H34	000544-76-3	53
5	2-Butenoic acid, 2-methoxy-3-met...	144	C7H12O3	056009-32-6	18



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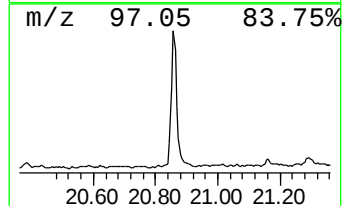
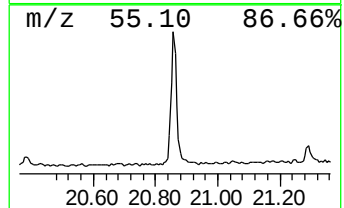
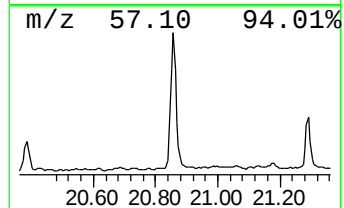
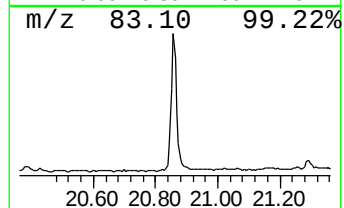
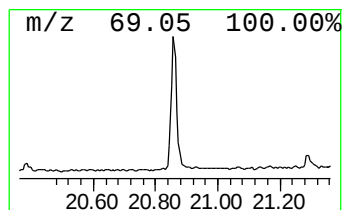
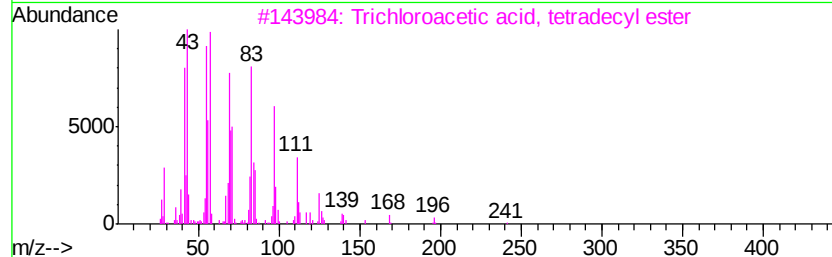
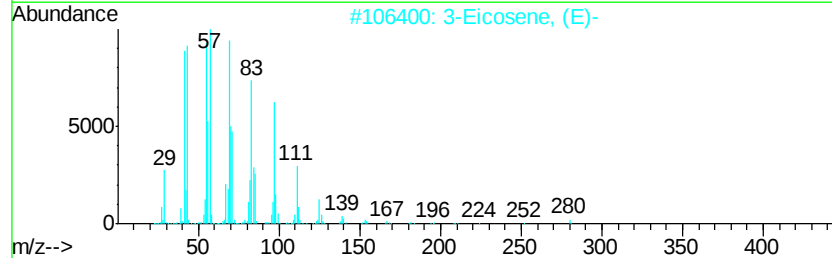
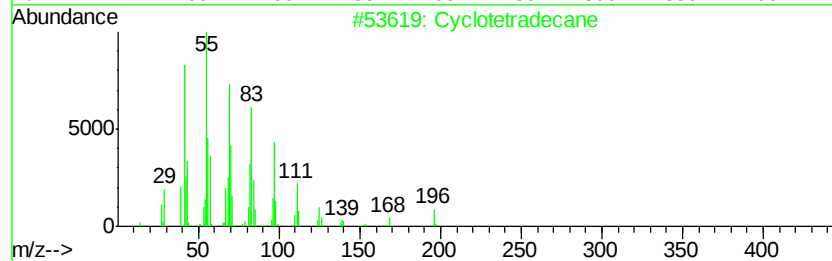
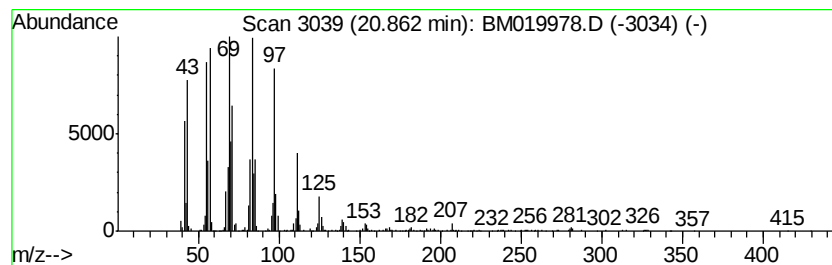
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Peak Number 5 Cyclotetradecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.86	8.45 ng	1128270	Chrysene-d12	21.16

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclotetradecane	196	C14H28	000295-17-0	94
2		3-Eicosene, (E)-	280	C20H40	074685-33-9	91
3		Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	91
4		Heptafluorobutyric acid, n-penta...	424	C19H31F7O2	1000216-79-3	91
5		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91



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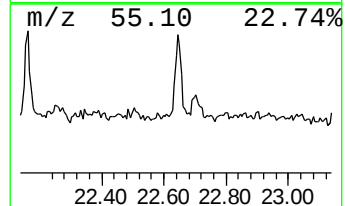
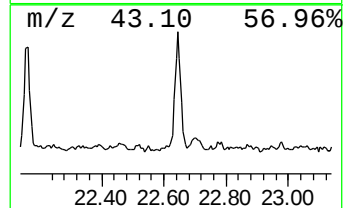
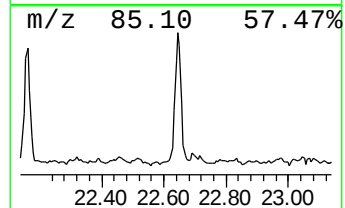
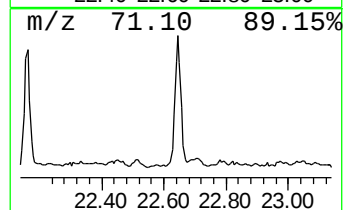
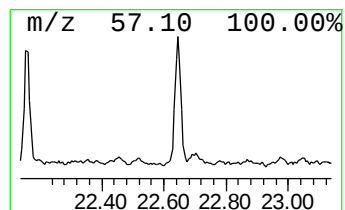
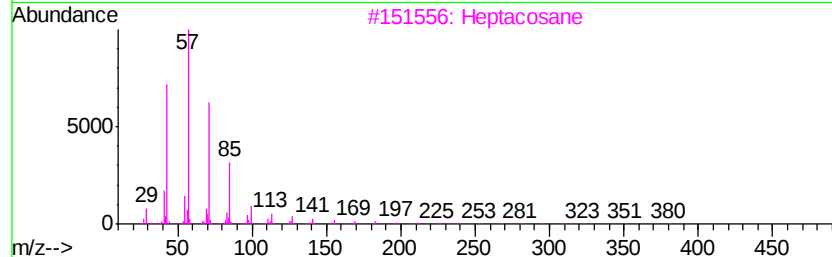
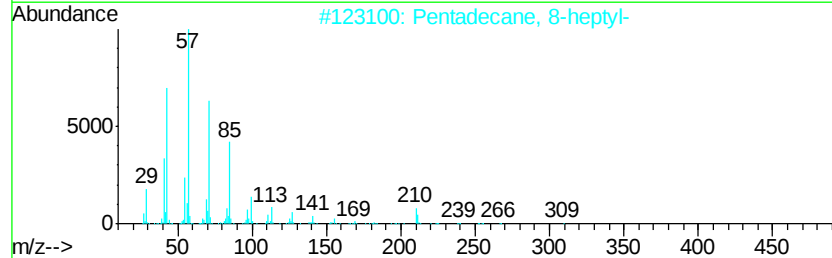
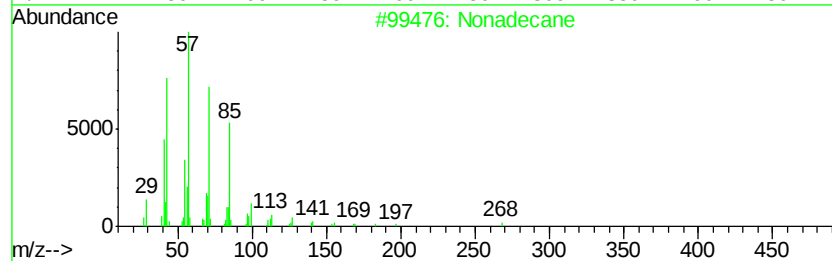
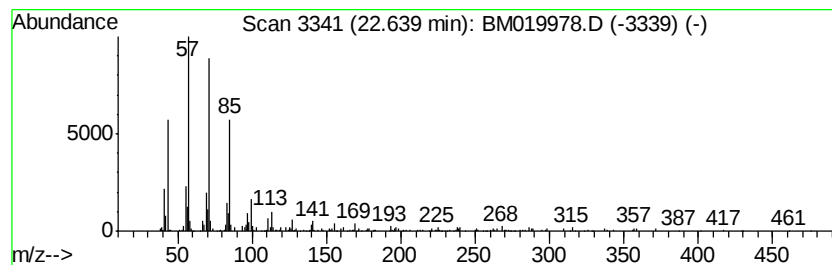
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 6 Nonadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.64	2.66 ng	287172	Perylene-d12	23.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	91
2		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90
3		Heptacosane	380	C27H56	000593-49-7	87
4		2-Thiopheneacetic acid, 4-tetrad...	338	C20H34O2S	1000280-67-0	86
5		Eicosane, 9-octyl-	394	C28H58	013475-77-9	86



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown7.05	7.05	109.0	ng	5766380	1	7.51	1057740	20.0
n-Hexadecanoic acid	17.84	9.1	ng	1013180	4	16.94	2238220	20.0
Octadecanoic acid	19.13	2.3	ng	308766	5	21.16	2669780	20.0
Cyclotetradecane	20.86	8.4	ng	1128270	5	21.16	2669780	20.0
Nonadecane	22.64	2.7	ng	287172	6	23.36	2157150	20.0