

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051019\
 Data File : BM020266.D
 Acq On : 11 May 2019 07:30
 Operator : JU/SJ
 Sample : K2801-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RT-1873

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-BM043019.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	5.357	396	403	419	rBV	2706190	3945389	48.53%	8.240%
2	6.951	665	674	688	rBV	2607875	4385885	53.94%	9.160%
3	7.310	727	735	757	rBV	2750972	4479215	55.09%	9.355%
4	7.775	807	814	820	rBV	453462	740145	9.10%	1.546%
5	8.092	860	868	881	rBV	1988156	3197835	39.33%	6.679%
6	8.945	1004	1013	1031	rBV	1561859	2742720	33.73%	5.728%
7	10.563	1281	1288	1301	rBV	570024	983615	12.10%	2.054%
8	13.039	1701	1709	1720	rBV	4052125	6252719	76.91%	13.059%
9	13.874	1845	1851	1860	rBV	421062	599541	7.37%	1.252%
10	14.415	1937	1943	1954	rBV2	897183	1392570	17.13%	2.908%
11	15.915	2190	2198	2213	rBV	3700029	5462598	67.19%	11.408%
12	17.168	2404	2411	2421	rBV	1198475	1722732	21.19%	3.598%
13	18.045	2556	2560	2572	rBV	206885	340314	4.19%	0.711%
14	19.792	2851	2857	2864	rBV	6516034	8130393	100.00%	16.980%
15	21.050	3067	3071	3080	rBV2	201994	277812	3.42%	0.580%
16	21.350	3117	3122	3127	rBV	1083164	1511529	18.59%	3.157%
17	22.391	3296	3299	3306	rVB	107938	137119	1.69%	0.286%
18	22.909	3383	3387	3391	rBV2	109897	166253	2.04%	0.347%
19	23.491	3483	3486	3492	rVB2	89006	126622	1.56%	0.264%
20	23.638	3505	3511	3520	rBV	654006	1287265	15.83%	2.688%

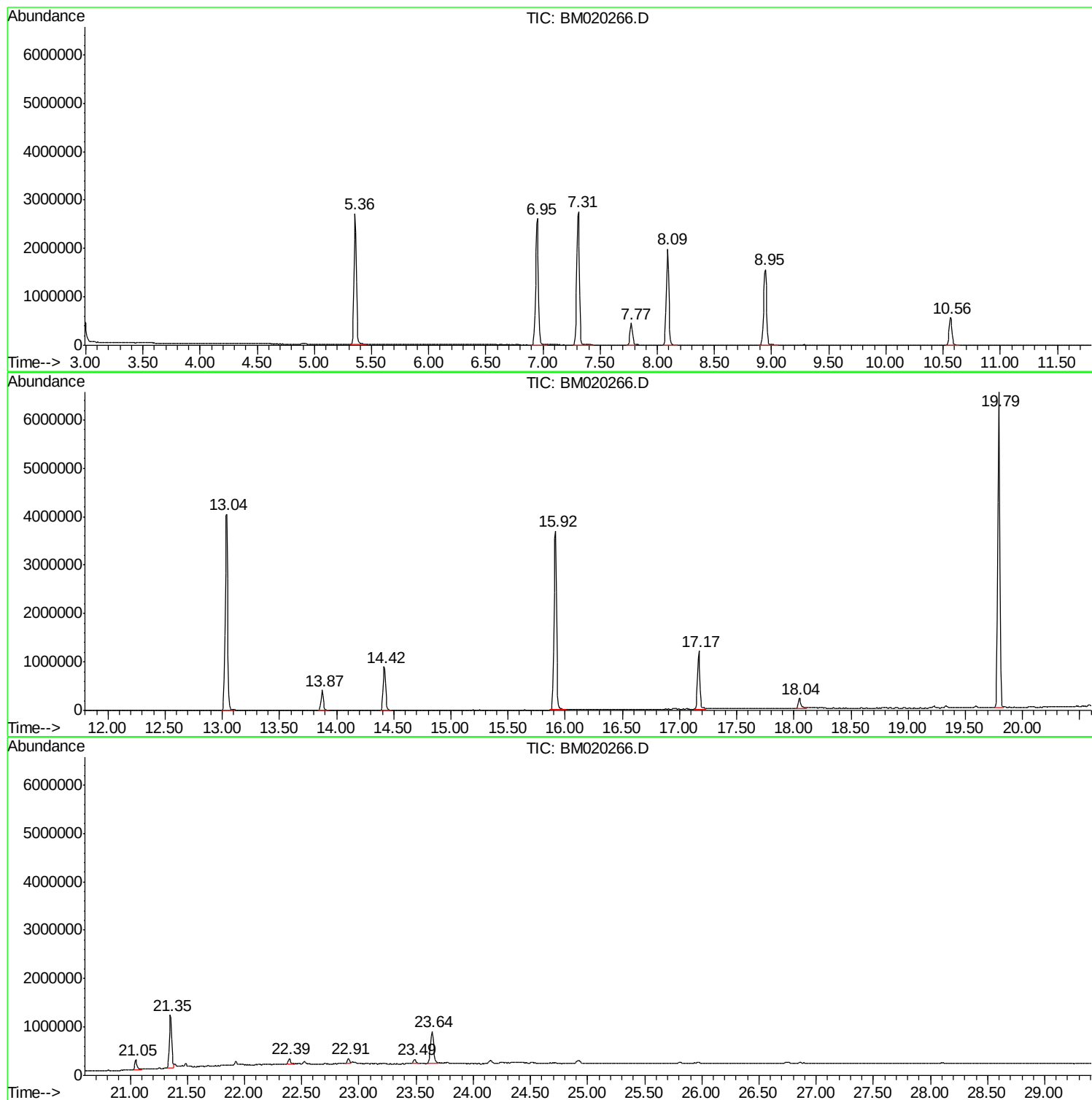
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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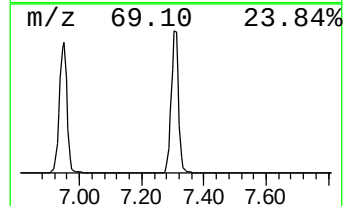
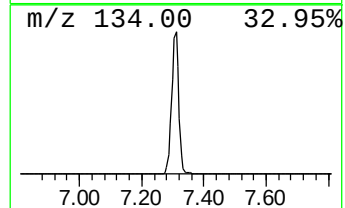
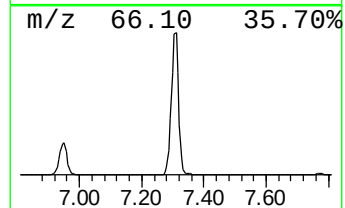
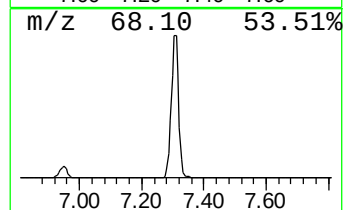
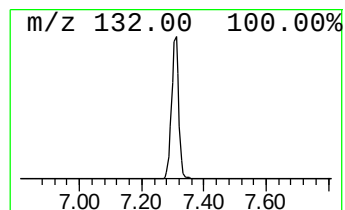
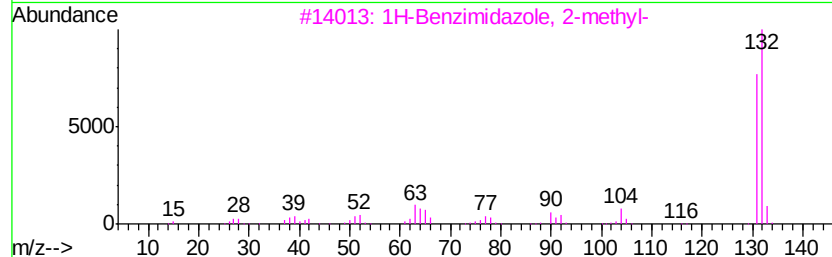
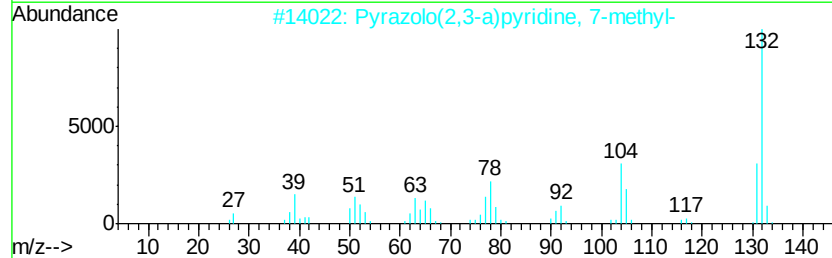
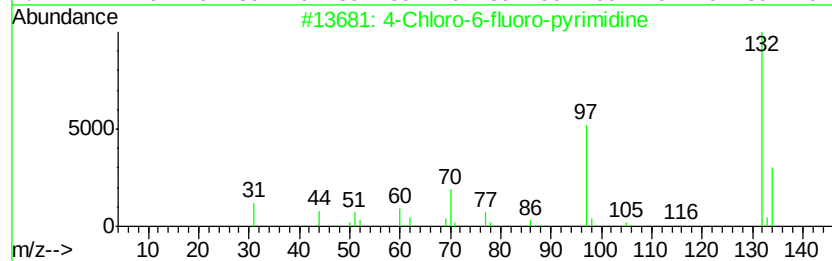
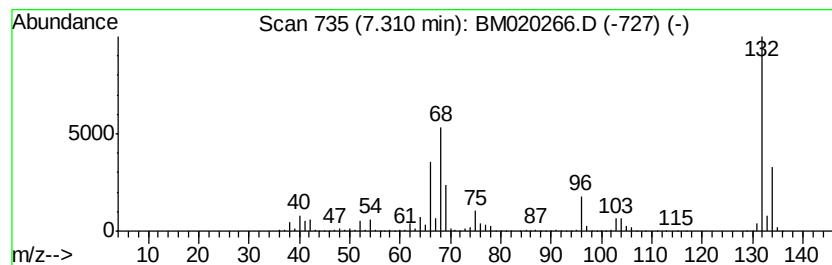
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown7.31 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.31	121.04 ng	4479220	1,4-Dichlorobenzene-d4	7.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2		Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	22
3		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4		5-Aminoindole	132	C8H8N2	005192-03-0	22
5		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16



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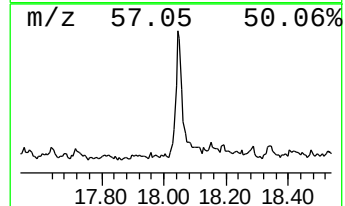
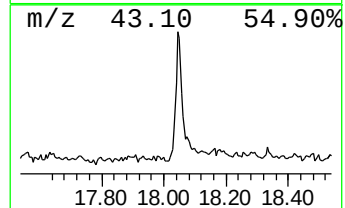
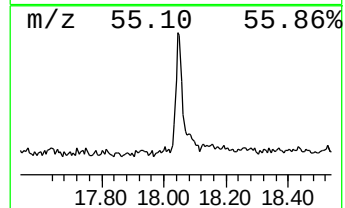
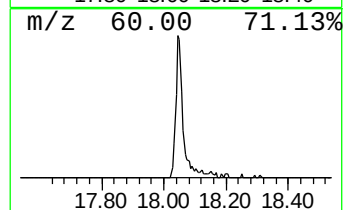
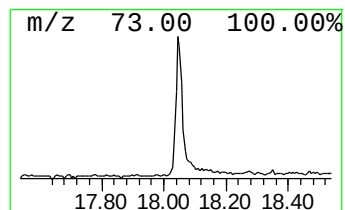
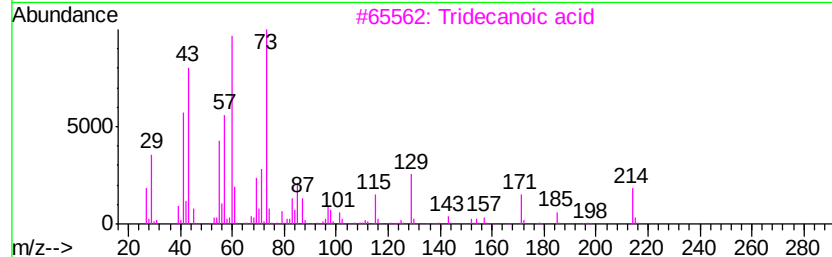
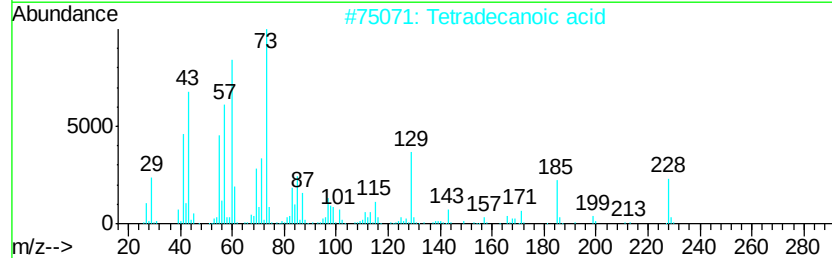
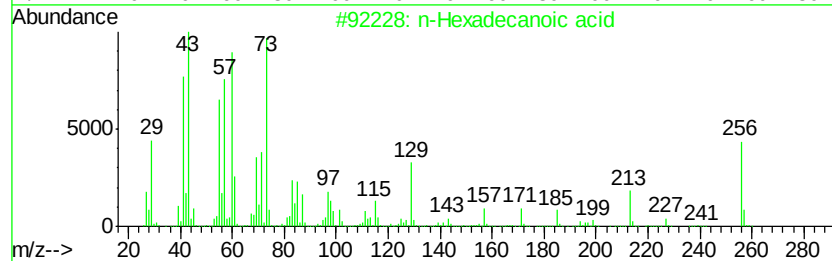
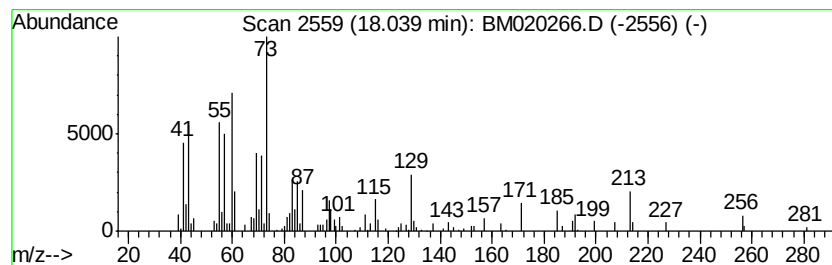
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.04	3.95 ng	340314	Phenanthrene-d10	17.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	94
3		Tridecanoic acid	214	C13H26O2	000638-53-9	83
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	62
5		Undecanoic acid	186	C11H22O2	000112-37-8	43



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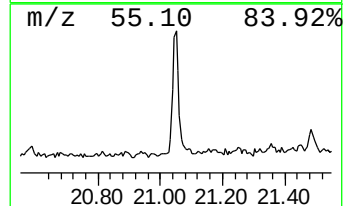
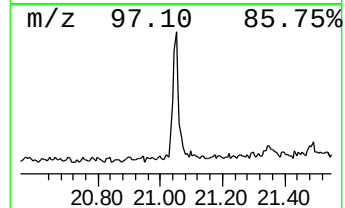
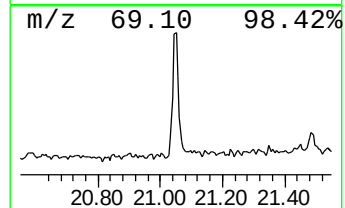
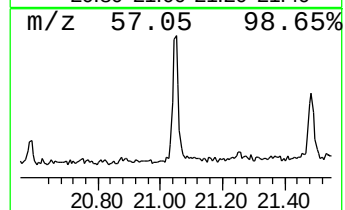
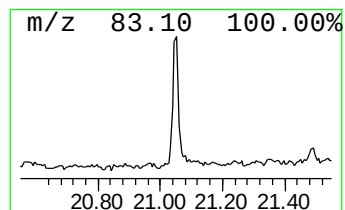
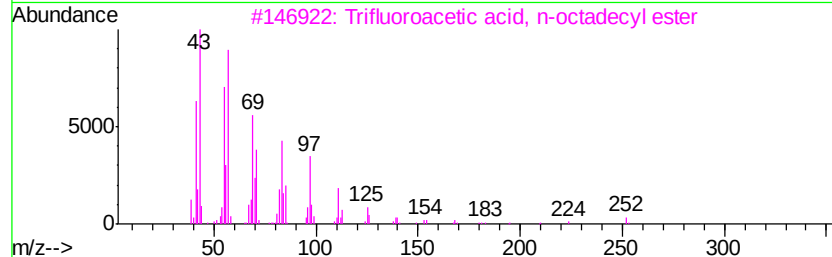
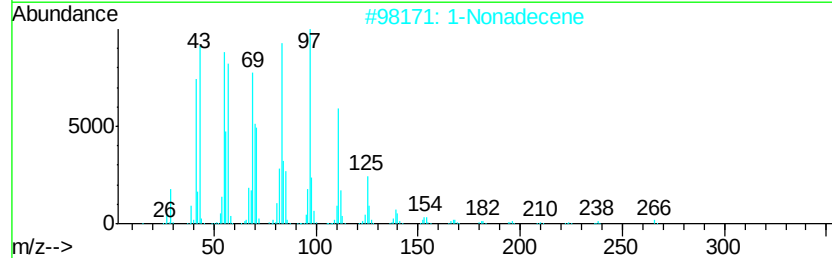
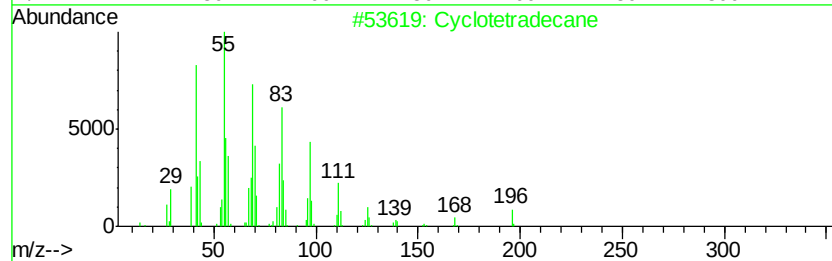
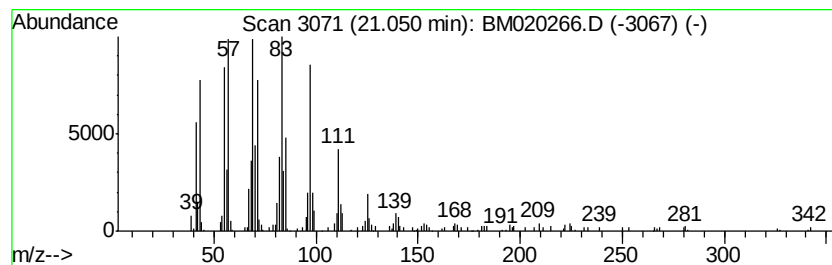
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Peak Number 4 Cyclotetradecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.05	3.68 ng	277812	Chrysene-d12	21.35

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclotetradecane	196	C14H28	000295-17-0	98
2		1-Nonadecene	266	C19H38	018435-45-5	95
3		Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	91
4		Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91
5		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91



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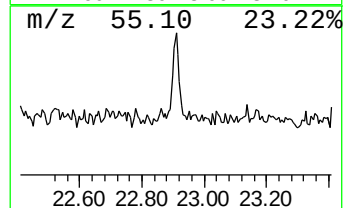
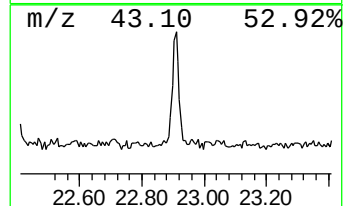
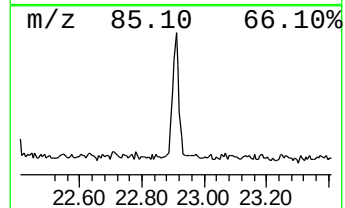
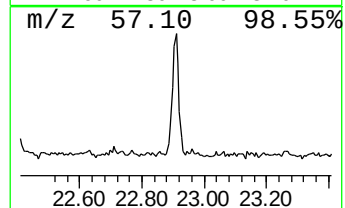
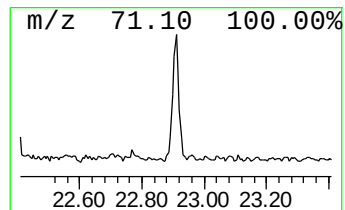
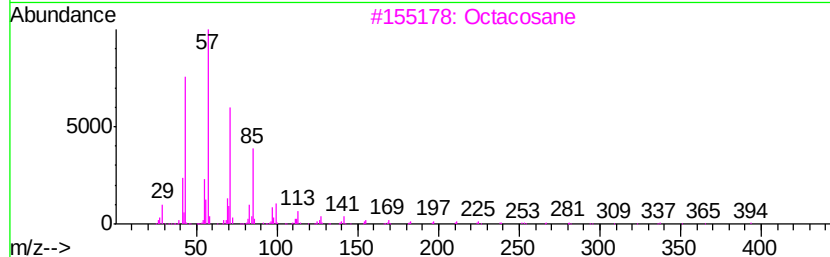
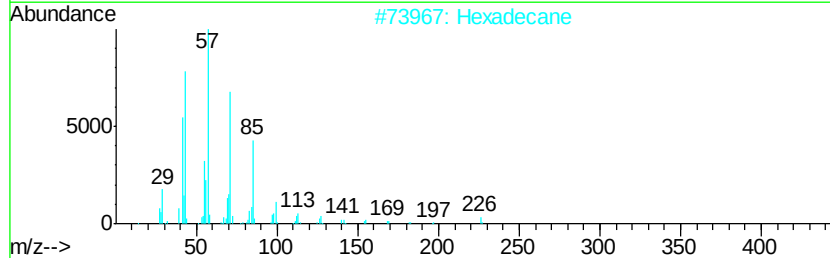
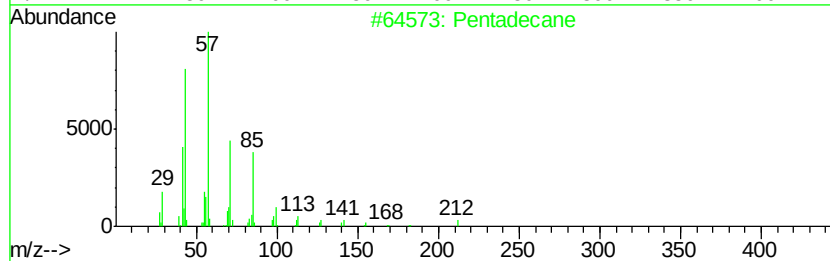
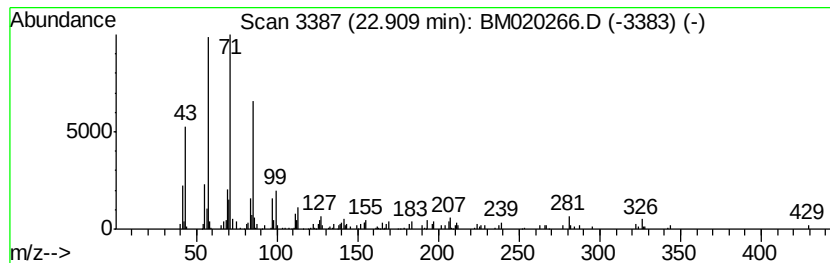
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Peak Number 5 Pentadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
22.91	2.58 ng	166253	Perylene-d12	23.64	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	83
2	Hexadecane	226	C16H34	000544-76-3	83
3	Octacosane	394	C28H58	000630-02-4	81
4	Nonacosane	408	C29H60	000630-03-5	80
5	2-Thiopheneacetic acid, 4-tetrad...	338	C20H34O2S	1000280-67-0	80



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown7.31	7.31	121.0	ng	4479220	1	7.77	740145	20.0
n-Hexadecanoic acid	18.04	4.0	ng	340314	4	17.17	1722730	20.0
Cyclotetradecane	21.05	3.7	ng	277812	5	21.35	1511530	20.0
Pentadecane	22.91	2.6	ng	166253	6	23.64	1287270	20.0