

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051019\
 Data File : BM020257.D
 Acq On : 11 May 2019 02:06
 Operator : JU/SJ
 Sample : K2801-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RT-3456

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	5.358	396	403	416	rBV	1822820	2653510	46.82%	7.532%
2	6.946	665	673	690	rBV	1797571	2900678	51.18%	8.234%
3	7.304	727	734	747	rBV	1829685	2983910	52.65%	8.470%
4	7.775	807	814	820	rBV	435938	695875	12.28%	1.975%
5	8.093	859	868	880	rBV	1340239	2177271	38.41%	6.180%
6	8.940	1004	1012	1034	rBV	1045376	1817717	32.07%	5.160%
7	10.569	1280	1289	1300	rBV	530616	915763	16.16%	2.599%
8	13.039	1701	1709	1720	rBV	2572383	3949392	69.68%	11.211%
9	13.875	1845	1851	1864	rBV	306593	428529	7.56%	1.216%
10	14.416	1937	1943	1960	rVB2	829517	1298124	22.90%	3.685%
11	15.910	2191	2197	2212	rBV	2439081	3638045	64.19%	10.327%
12	17.169	2405	2411	2416	rBV	1179366	1668442	29.44%	4.736%
13	17.210	2416	2418	2424	rVB	96702	110165	1.94%	0.313%
14	18.051	2555	2561	2565	rBV2	218956	321514	5.67%	0.913%
15	19.227	2756	2761	2767	rVB	204330	279699	4.93%	0.794%
16	19.327	2775	2778	2783	rBV4	51863	71653	1.26%	0.203%
17	19.592	2819	2823	2830	rVB	187673	272900	4.81%	0.775%
18	19.792	2851	2857	2867	rBV	4445479	5667789	100.00%	16.089%
19	21.051	3067	3071	3081	rBV3	302456	407940	7.20%	1.158%
20	21.351	3117	3122	3127	rBV	1149417	1587575	28.01%	4.507%
21	22.909	3384	3387	3390	rBV2	115831	150970	2.66%	0.429%
22	23.639	3505	3511	3518	rBV	649865	1231004	21.72%	3.494%

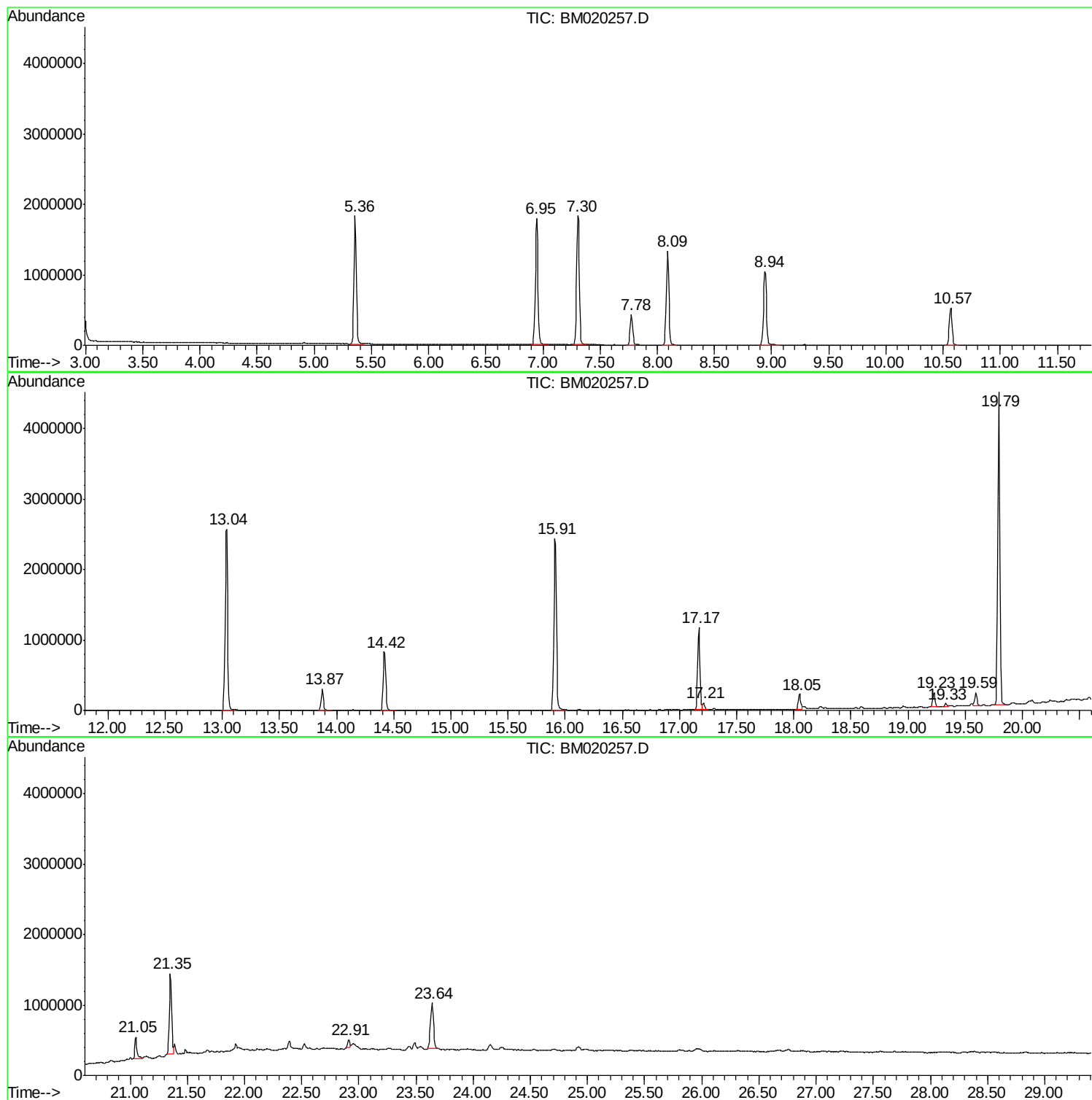
Sum of corrected areas: 35228465

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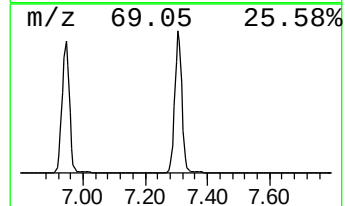
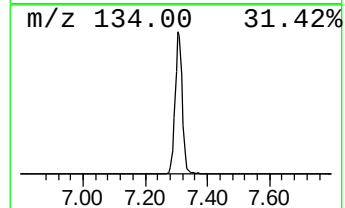
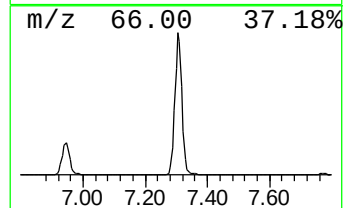
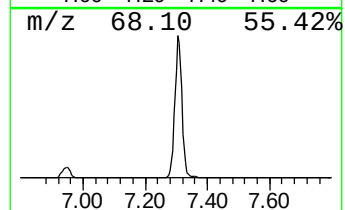
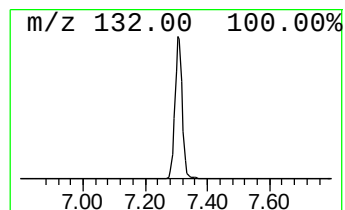
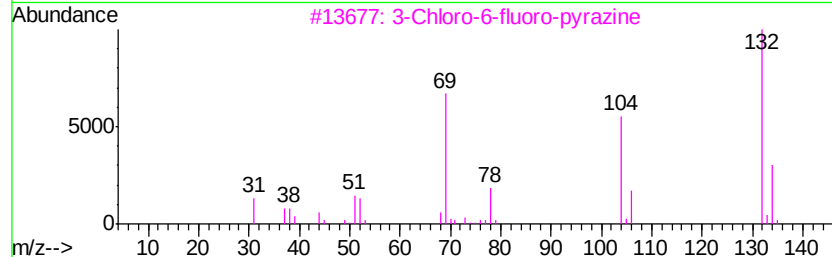
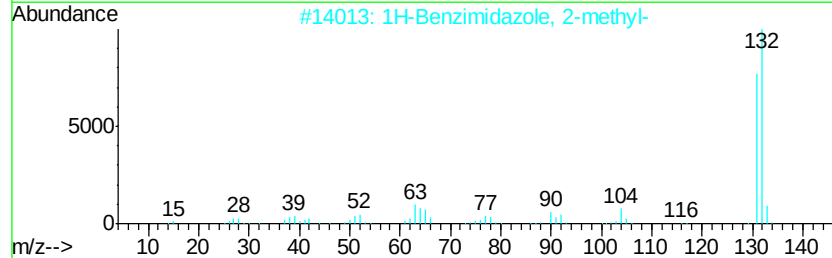
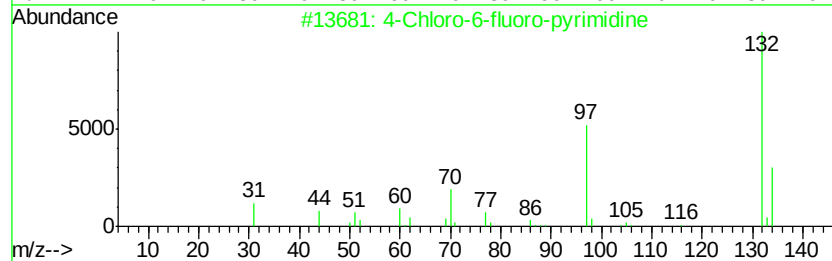
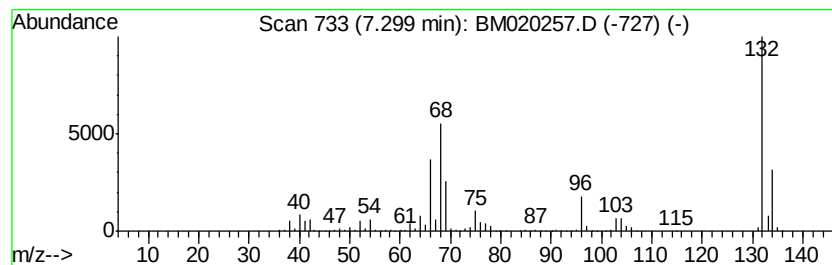
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown7.30 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.30	85.76 ng	2983910	1,4-Dichlorobenzene-d4	7.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
4		1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	13
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12



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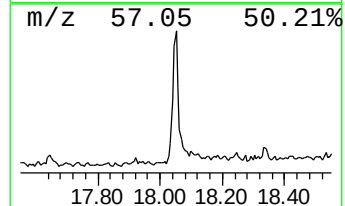
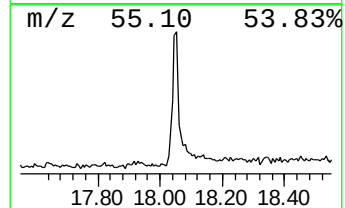
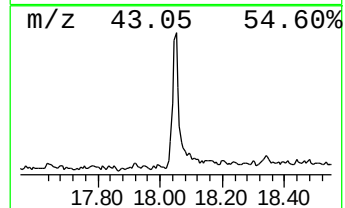
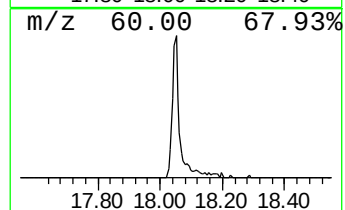
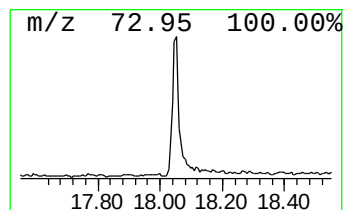
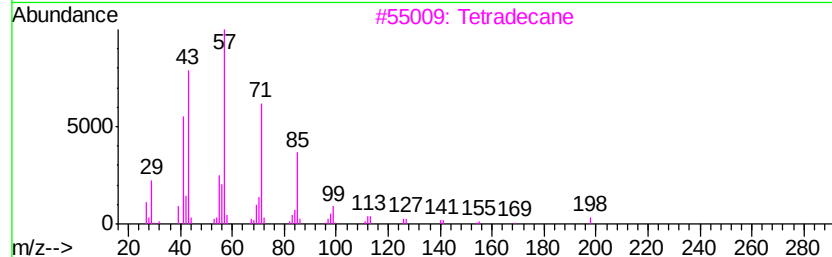
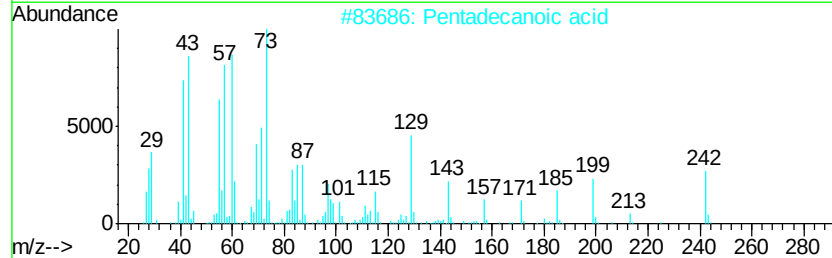
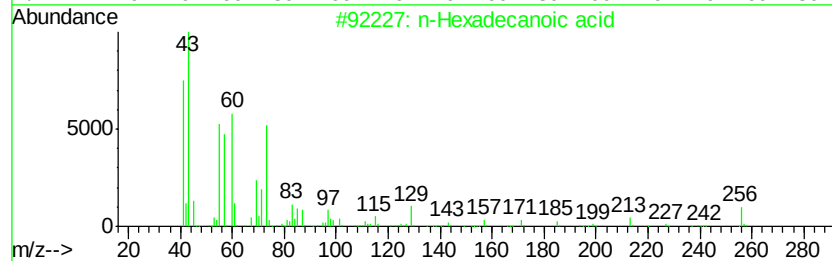
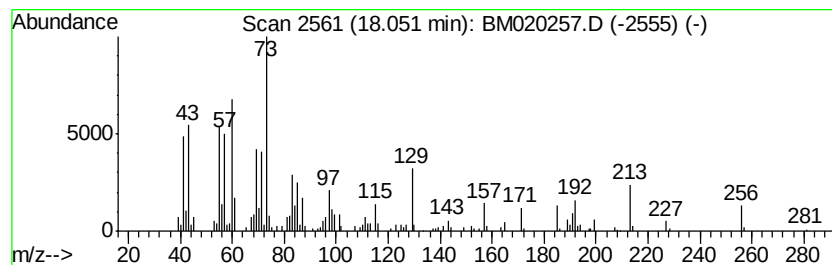
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.05	3.85 ng	321514	Phenanthrene-d10	17.17	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	58
3	Tetradecane	198	C14H30	000629-59-4	56
4	Tridecanoic acid	214	C13H26O2	000638-53-9	50
5	d-Glucitol, 4-O-nonyl-	308	C15H32O6	132591-06-1	27



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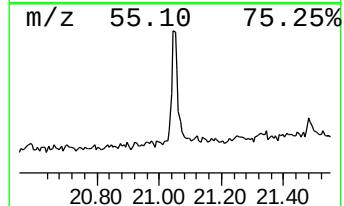
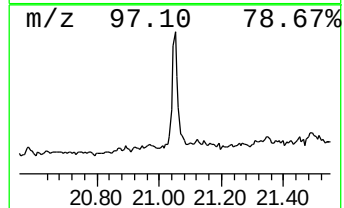
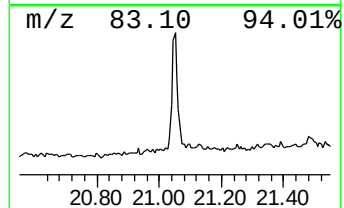
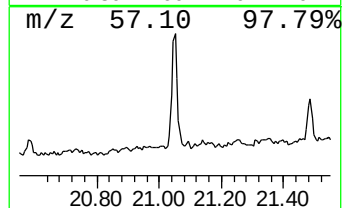
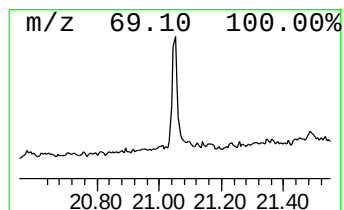
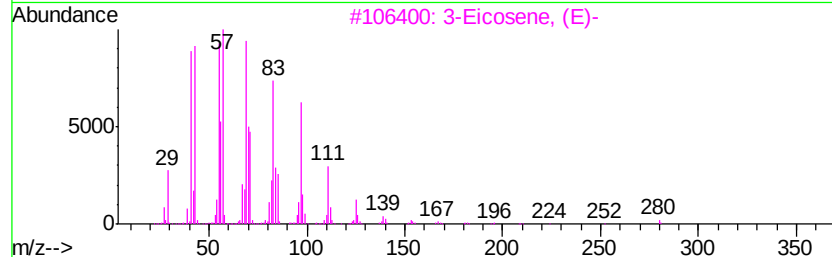
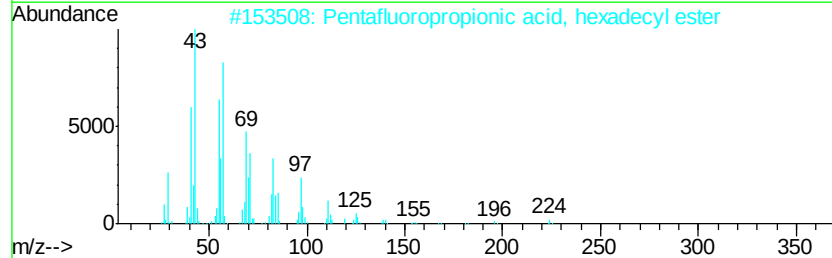
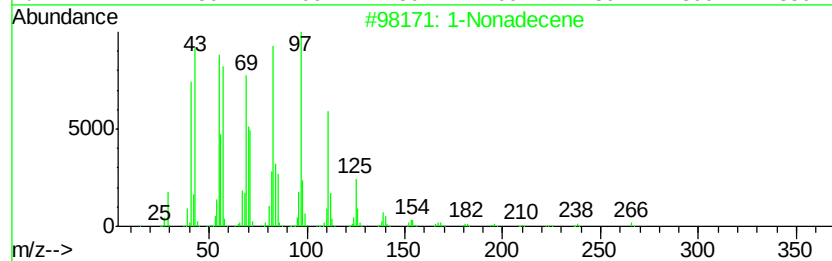
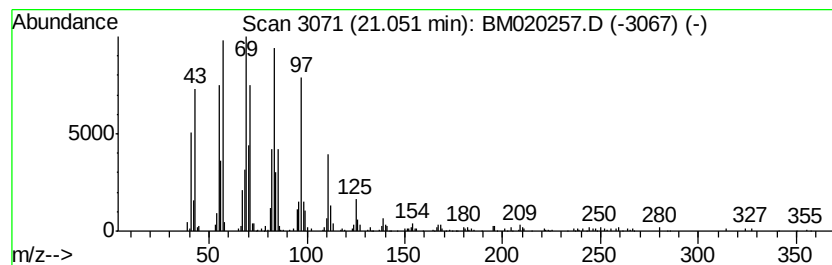
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Peak Number 4 1-Nonadecene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.05	5.14 ng	407940	Chrysene-d12	21.35

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene		266	C19H38	018435-45-5	96
2	Pentafluoropropionic acid, hexad...		388	C19H33F5O2	006222-07-7	90
3	3-Eicosene, (E)-		280	C20H40	074685-33-9	87
4	Trichloroacetic acid, hexadecyl ...		386	C18H33Cl3O2	074339-54-1	87
5	Isoheptadecanol		256	C17H36O	057289-07-3	83



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown7.30	7.30	85.8	ng	2983910	1	7.78	695875	20.0
n-Hexadecanoic acid	18.05	3.9	ng	321514	4	17.17	1668440	20.0
1-Nonadecene	21.05	5.1	ng	407940	5	21.35	1587580	20.0