

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051019\
 Data File : BM020253.D
 Acq On : 10 May 2019 23:42
 Operator : JU/SJ
 Sample : K2771-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 FK-PS-01-047

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	397	403	414	rBV	1583583	2307437	43.56%	7.478%
2	6.945	665	673	687	rBV	1557664	2552532	48.18%	8.272%
3	7.304	727	734	748	rBV	1612984	2614059	49.34%	8.472%
4	7.775	807	814	821	rBV	367556	587509	11.09%	1.904%
5	8.092	861	868	881	rVB	1189527	1897930	35.83%	6.151%
6	8.939	1005	1012	1033	rBV	921907	1591952	30.05%	5.159%
7	10.569	1282	1289	1298	rBV	454115	766322	14.47%	2.483%
8	13.039	1701	1709	1722	rBV	2294496	3554479	67.10%	11.519%
9	13.874	1845	1851	1858	rBV	253878	352057	6.65%	1.141%
10	14.421	1937	1944	1952	rBV2	703046	1082257	20.43%	3.507%
11	15.909	2191	2197	2217	rBV	2135346	3248360	61.32%	10.527%
12	17.168	2403	2411	2422	rBV	950682	1421988	26.84%	4.608%
13	18.050	2556	2561	2576	rBV	201330	331997	6.27%	1.076%
14	19.274	2765	2769	2774	rVB	82300	103420	1.95%	0.335%
15	19.333	2774	2779	2782	rBV4	35516	55167	1.04%	0.179%
16	19.792	2851	2857	2865	rBV	4364391	5297610	100.00%	17.168%
17	20.533	2979	2983	2987	rBV	76093	98817	1.87%	0.320%
18	21.050	3067	3071	3080	rBV	463572	573530	10.83%	1.859%
19	21.350	3117	3122	3128	rBV2	956242	1269241	23.96%	4.113%
20	23.638	3505	3511	3522	rVB	589176	1150121	21.71%	3.727%

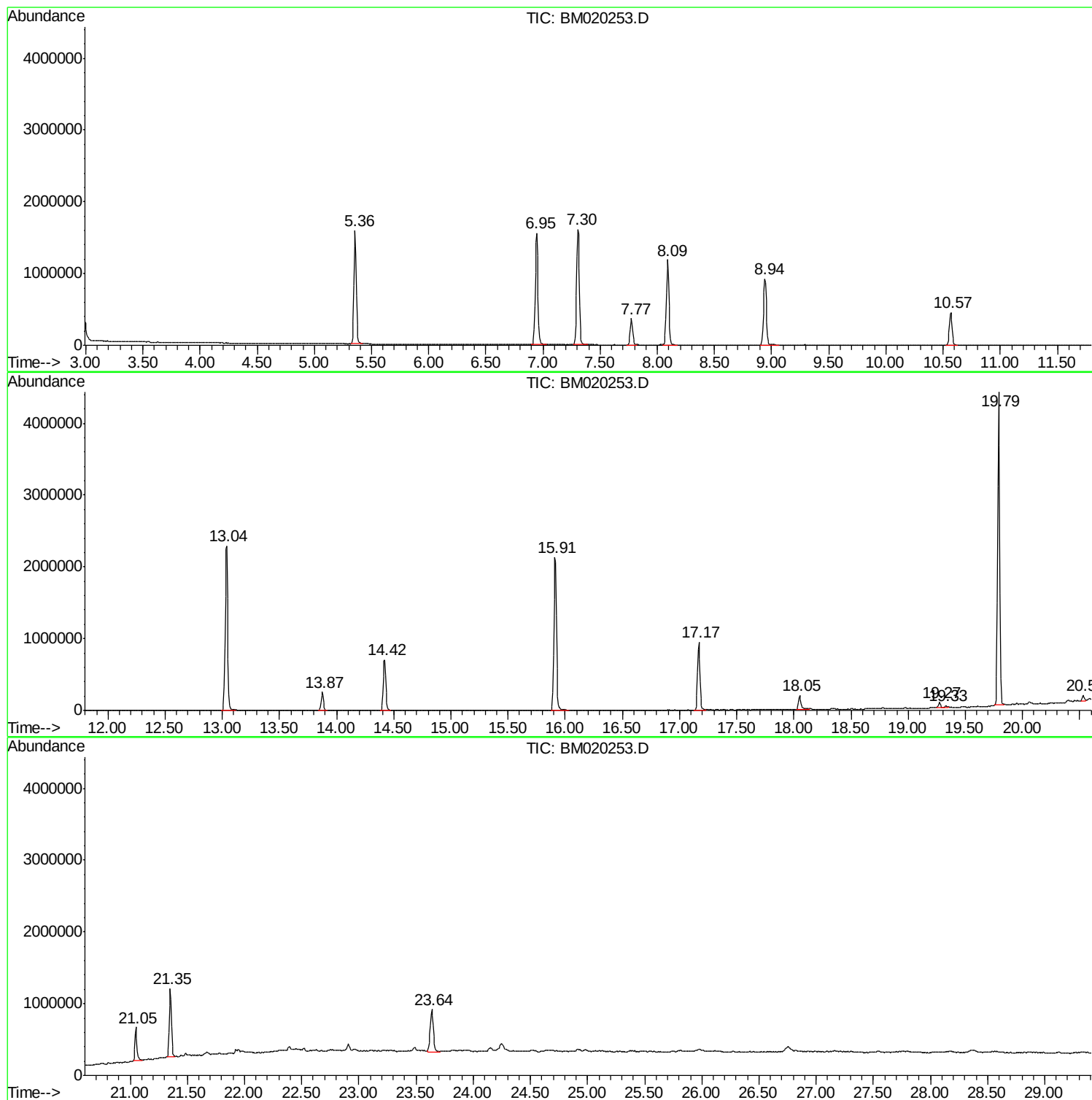
Sum of corrected areas: 30856785

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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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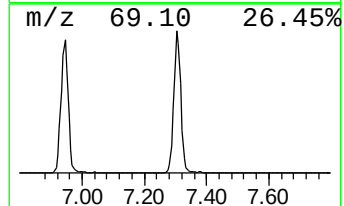
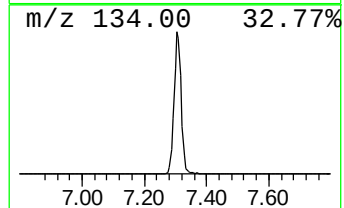
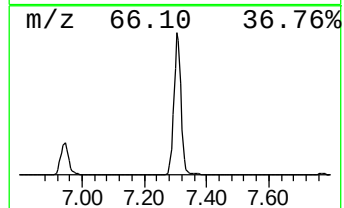
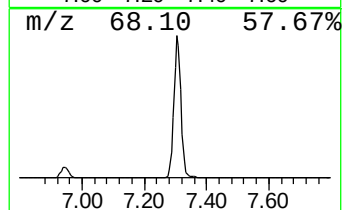
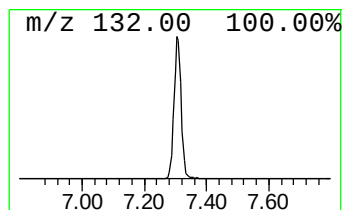
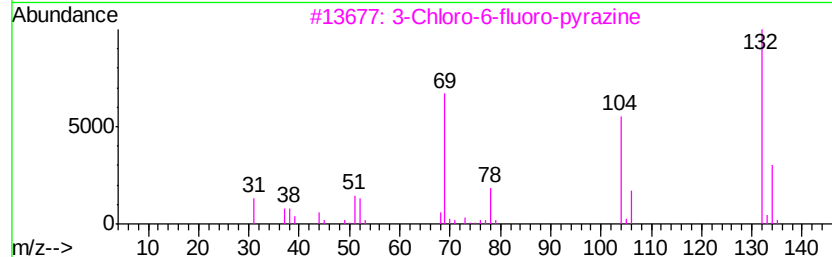
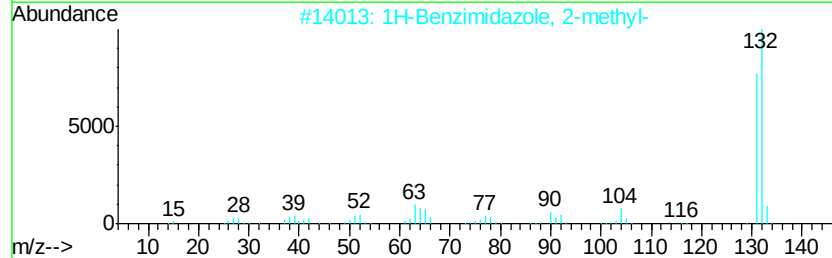
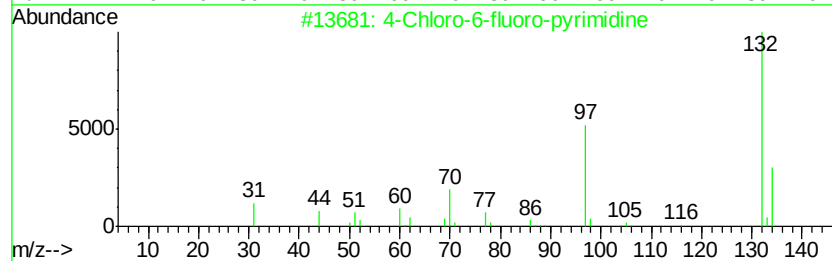
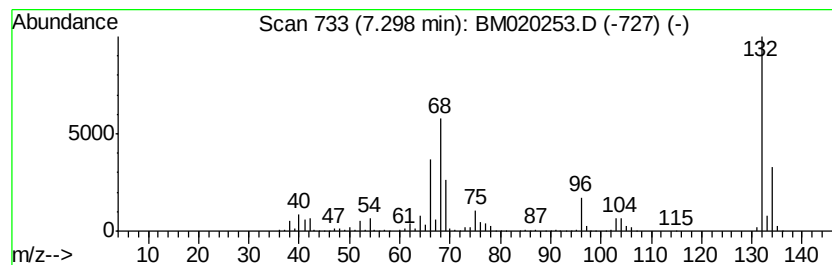
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown7.30 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.30	88.99 ng	2614060	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		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
4		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	12
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12



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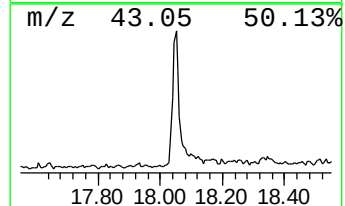
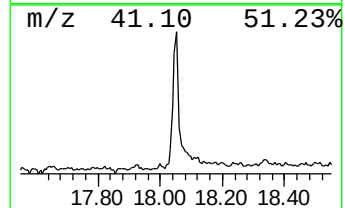
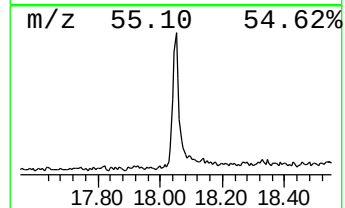
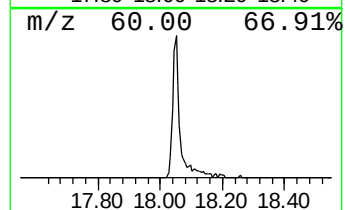
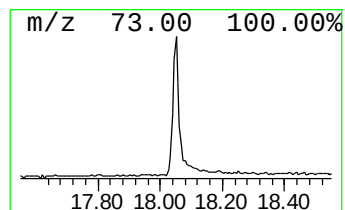
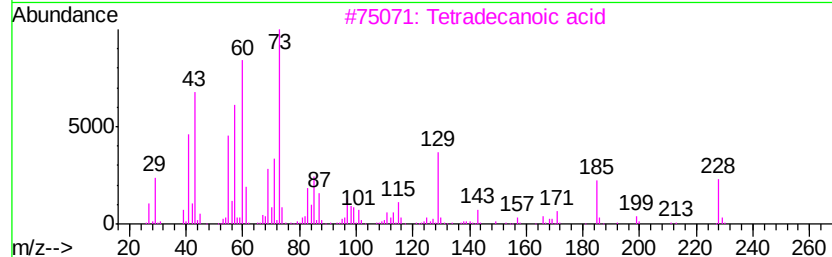
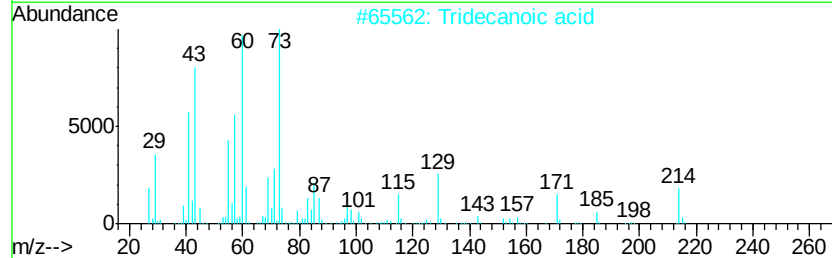
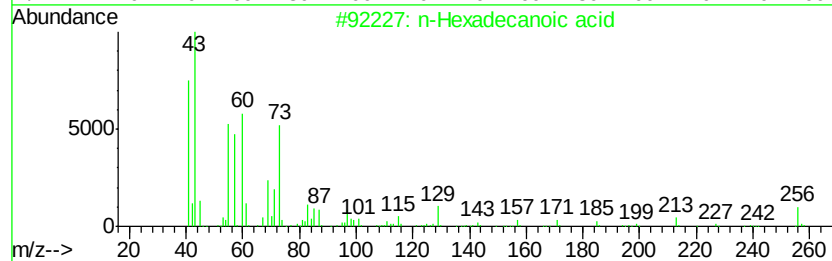
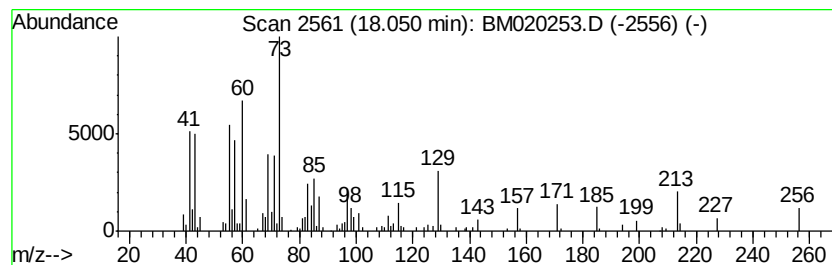
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.05	4.67 ng	331997	Phenanthrene-d10	17.17	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tridecanoic acid	214	C13H26O2	000638-53-9	64
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	52
5	Dodecanoic acid	200	C12H24O2	000143-07-7	47



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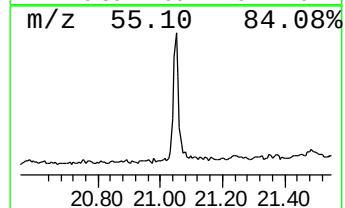
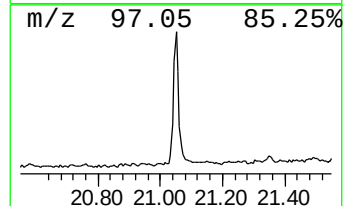
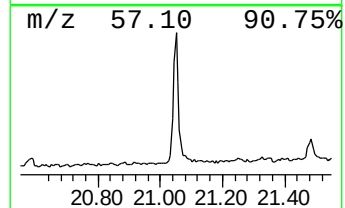
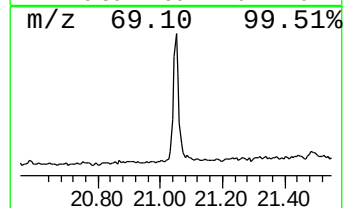
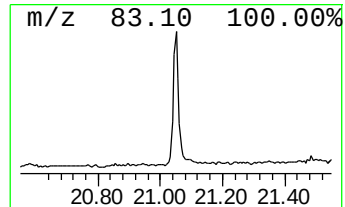
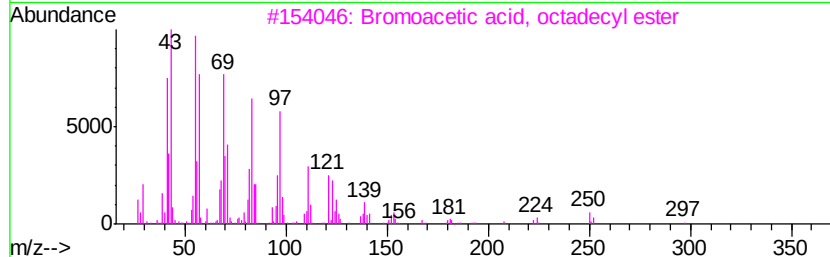
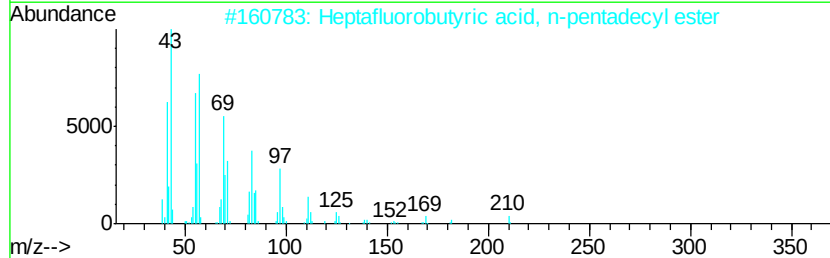
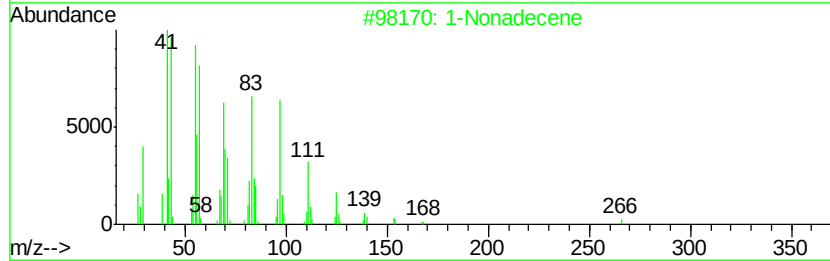
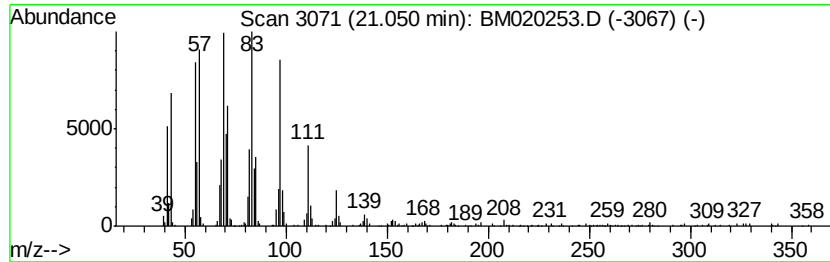
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Peak Number 4 1-Nonadecene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.05	9.04 ng	573530	Chrysene-d12	21.35
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Nonadecene	266 C19H38	018435-45-5	97
2	Heptafluorobutyric acid, n-penta...	424 C19H31F7O2	1000216-79-3	91
3	Bromoacetic acid, octadecyl ester	390 C20H39BrO2	018992-03-5	91
4	1-Heneicosyl formate	340 C22H44O2	077899-03-7	91
5	1-Hexadecanol	242 C16H34O	036653-82-4	90



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown7.30	7.30	89.0	ng	2614060	1	7.77	587509	20.0
n-Hexadecanoic acid	18.05	4.7	ng	331997	4	17.17	1421990	20.0
1-Nonadecene	21.05	9.0	ng	573530	5	21.35	1269240	20.0