

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030519\
 Data File : BM019055.D
 Acq On : 06 Mar 2019 03:39
 Operator : JU/SJ
 Sample : K1704-09
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PST-028-SW001-022719

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-BM021119.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	5.269	365	371	387	rBV	3648105	5287139	47.56%	7.959%
2	6.851	633	640	662	rBV	3567297	5831095	52.46%	8.778%
3	7.210	693	701	719	rBV	3699407	5955698	53.58%	8.966%
4	7.675	773	780	787	rBV	826537	1327862	11.95%	1.999%
5	7.987	826	833	843	rBV	2605433	4187189	37.67%	6.303%
6	8.839	971	978	1000	rBV	1983691	3382159	30.43%	5.092%
7	10.457	1246	1253	1266	rBV	1012003	1747163	15.72%	2.630%
8	12.939	1668	1675	1697	rBV	4808016	7130270	64.15%	10.734%
9	13.792	1813	1820	1832	rBV	157034	257181	2.31%	0.387%
10	14.327	1903	1911	1925	rBV2	1393884	2229962	20.06%	3.357%
11	15.827	2159	2166	2186	rBV	3992552	6141592	55.25%	9.246%
12	17.080	2373	2379	2394	rBV	1893304	2850783	25.65%	4.292%
13	17.968	2525	2530	2540	rBV	268337	431787	3.88%	0.650%
14	19.256	2745	2749	2763	rBV	113193	202121	1.82%	0.304%
15	19.715	2821	2827	2839	rBV	8833873	11115694	100.00%	16.734%
16	20.974	3037	3041	3051	rBV	254242	392247	3.53%	0.590%
17	21.274	3087	3092	3105	rBV	2949701	3780788	34.01%	5.692%
18	22.539	3304	3307	3313	rVB4	118405	156076	1.40%	0.235%
19	22.809	3350	3353	3357	rBV	140479	169772	1.53%	0.256%
20	22.862	3359	3362	3370	rVB4	187810	321168	2.89%	0.483%
21	23.521	3467	3474	3485	rBV2	1842921	3529668	31.75%	5.314%

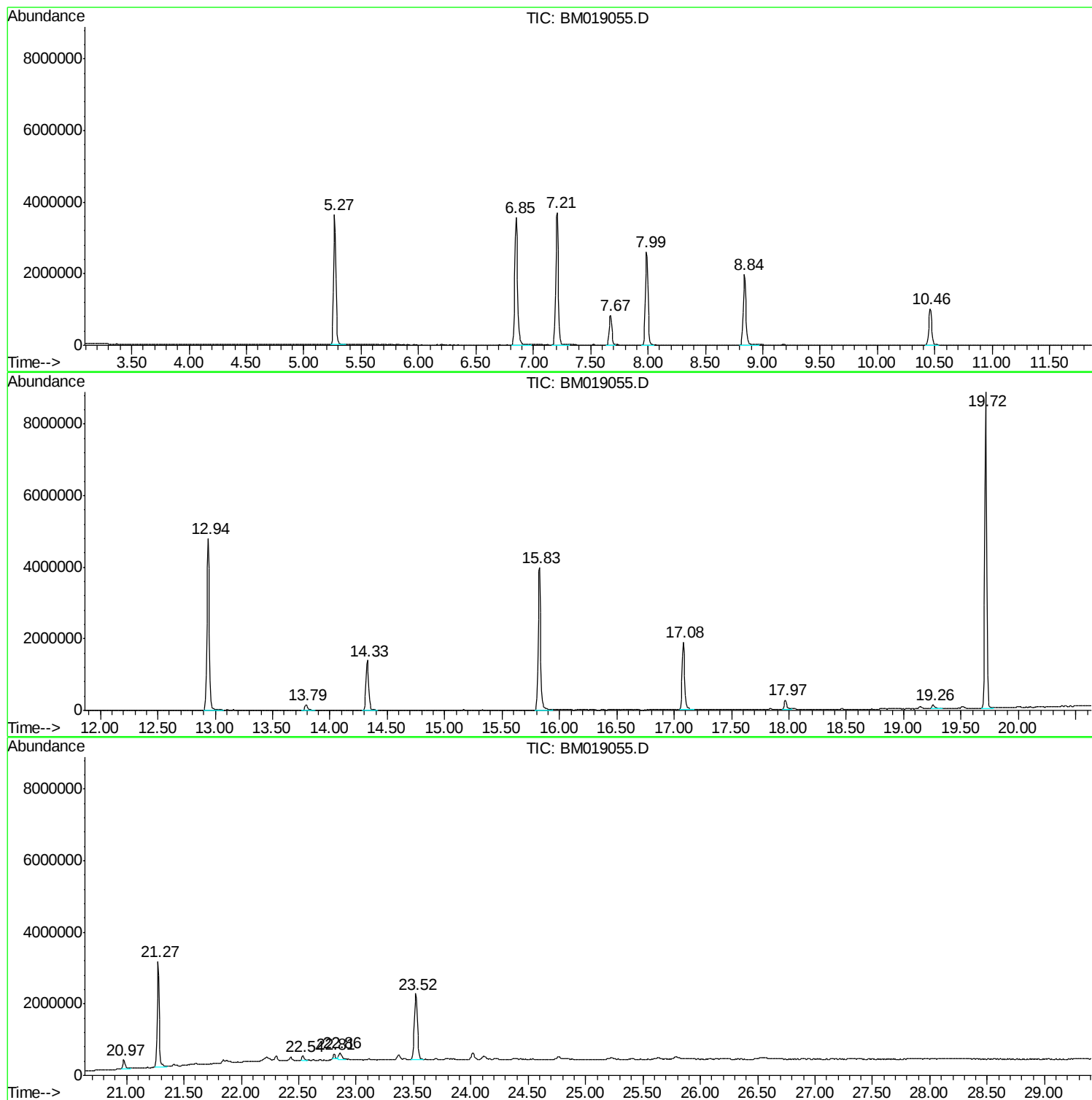
Sum of corrected areas: 66427414

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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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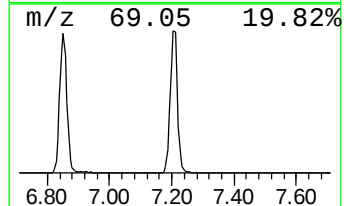
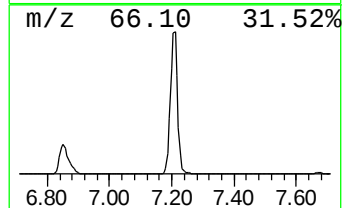
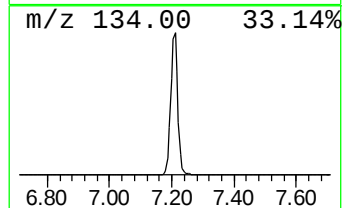
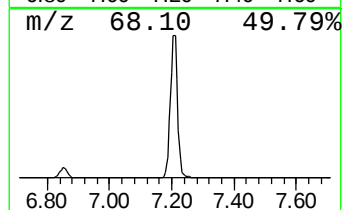
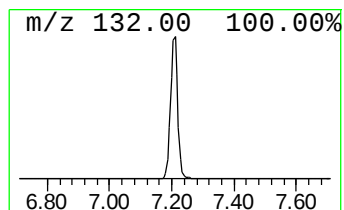
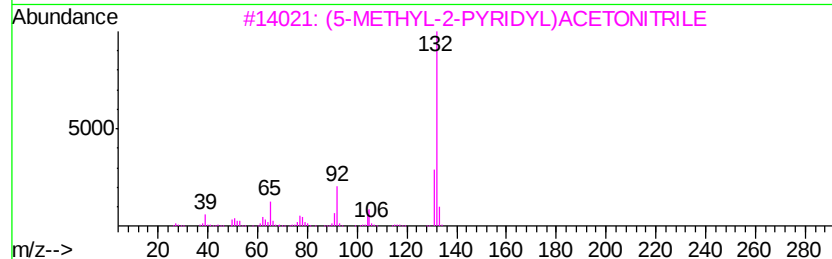
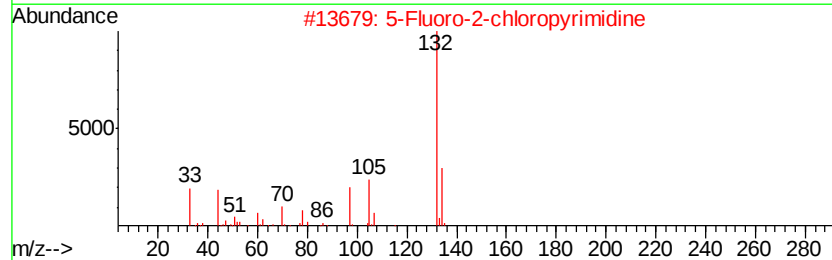
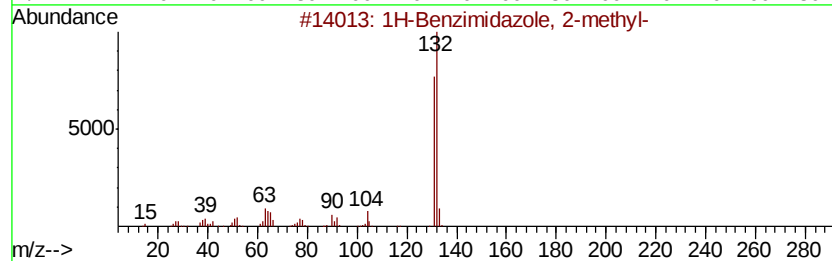
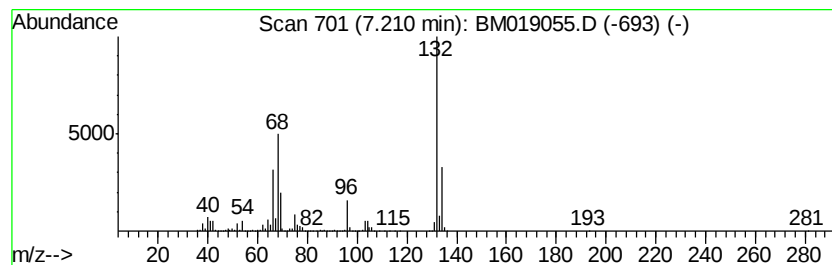
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown7.21 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.21	89.70 ng	5955700	1,4-Dichlorobenzene-d4	7.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3		(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9



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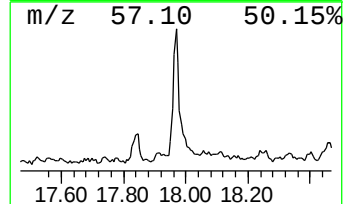
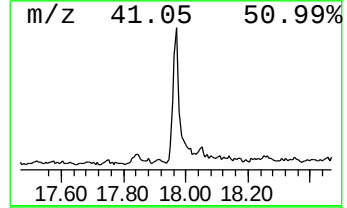
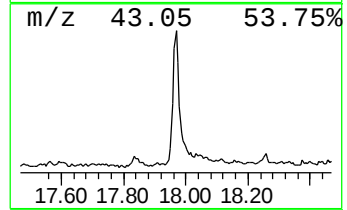
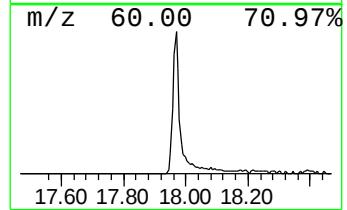
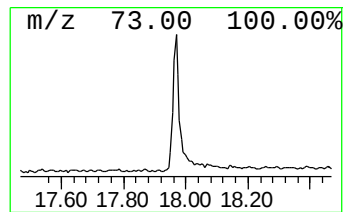
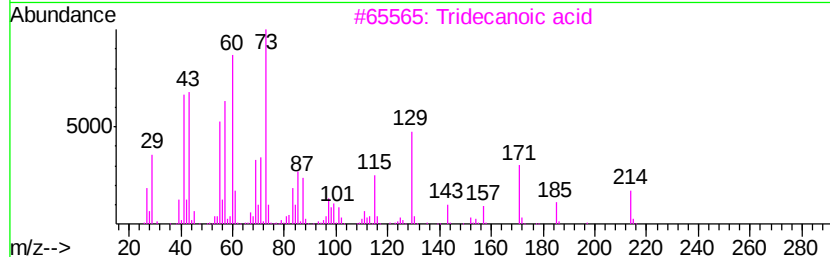
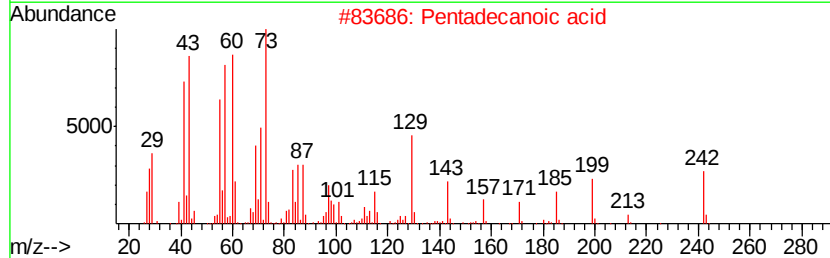
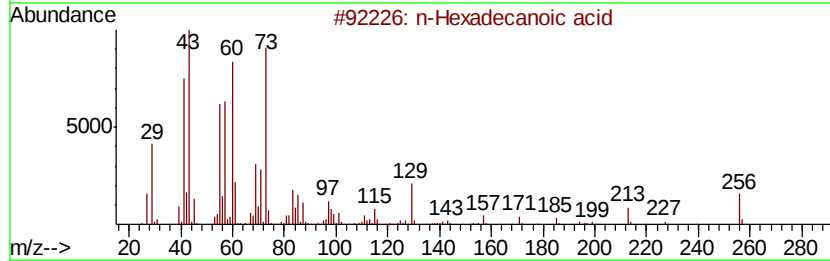
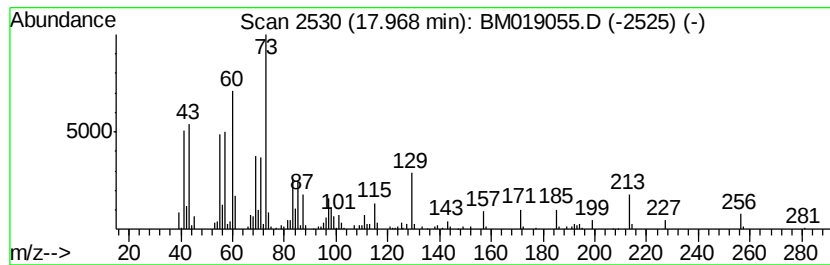
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.
17.97	3.03 ng	431787	Phenanthrene-d10		17.08
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	83
3	Tridecanoic acid	214	C13H26O2	000638-53-9	64
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	59
5	Undecanoic acid	186	C11H22O2	000112-37-8	46



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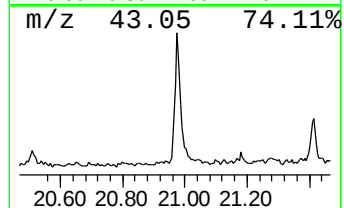
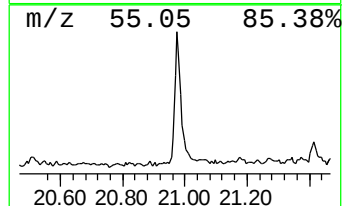
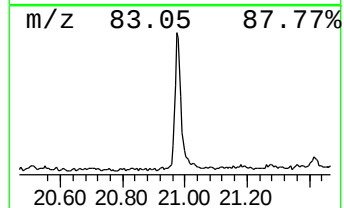
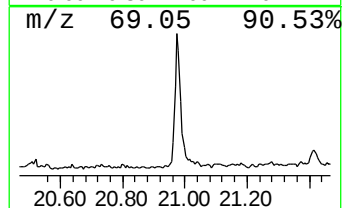
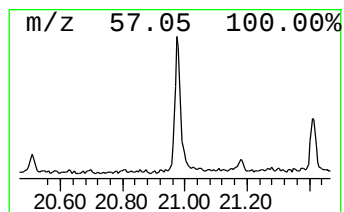
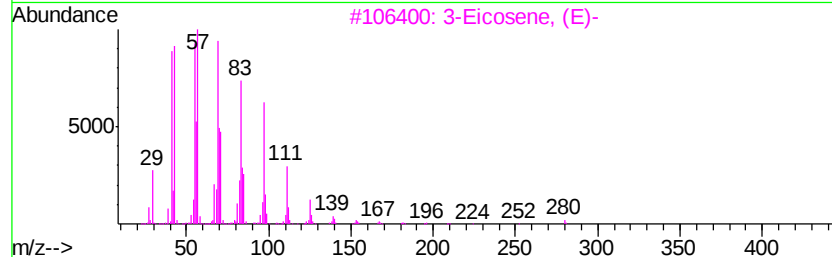
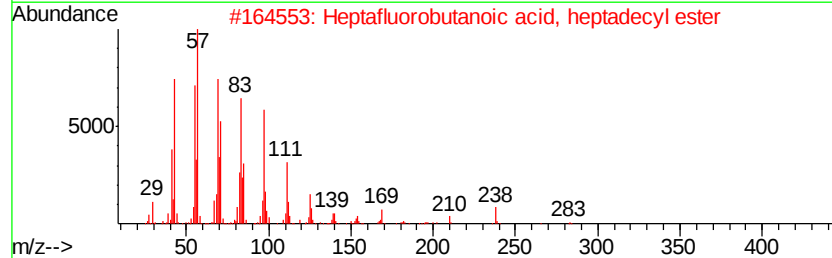
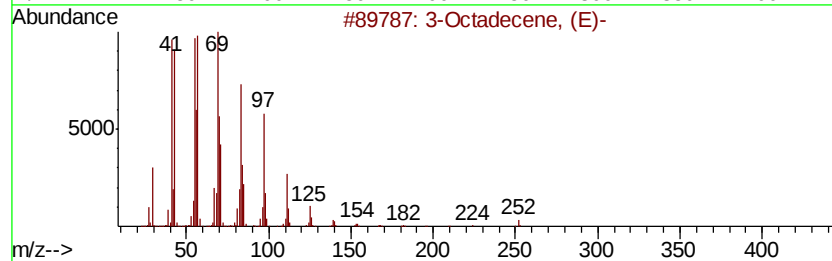
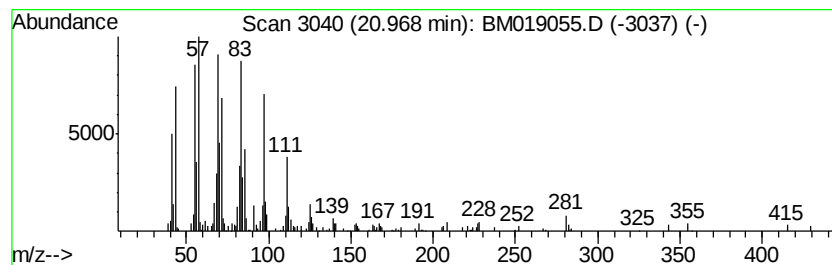
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Peak Number 4 3-Octadecene, (E)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.97	2.07 ng	392247	Chrysene-d12	21.27
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	3-Octadecene, (E)-	252 C18H36	007206-19-1	95
2	Heptafluorobutanoic acid, heptad...	452 C21H35F7O2	1000282-97-3	94
3	3-Eicosene, (E)-	280 C20H40	074685-33-9	93
4	9-Octadecene, (E)-	252 C18H36	007206-25-9	91
5	Trichloroacetic acid, hexadecyl ...	386 C18H33Cl3O2	074339-54-1	91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown7.21	7.21	89.7	ng	5955700	1	7.67	1327860	20.0
n-Hexadecanoic acid	17.97	3.0	ng	431787	4	17.08	2850780	20.0
3-Octadecene, (E)-	20.97	2.1	ng	392247	5	21.27	3780790	20.0