

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020320\
 Data File : BM024698.D
 Acq On : 03 Feb 2020 14:34
 Operator : CG/JU
 Sample : L1343-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 NW-SP

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-BM012320.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	5.069	364	371	382	rBV	3174056	4393005	33.63%	6.723%
2	6.622	628	635	651	rBV	2937240	4572102	35.00%	6.998%
3	7.422	765	771	783	rBV	757696	1138335	8.71%	1.742%
4	7.739	818	825	833	rBV	2883789	4438798	33.98%	6.794%
5	8.563	957	965	975	rBV	1893563	3042461	23.29%	4.656%
6	10.180	1233	1240	1255	rBV	882445	1476688	11.31%	2.260%
7	12.686	1659	1666	1682	rVB	5553343	7970625	61.02%	12.199%
8	13.545	1807	1812	1820	rBV	115226	168660	1.29%	0.258%
9	14.074	1896	1902	1908	rBV	1446874	2090784	16.01%	3.200%
10	15.574	2150	2157	2170	rBV	4710985	6734831	51.56%	10.308%
11	16.827	2364	2370	2374	rBV	1931406	2672432	20.46%	4.090%
12	16.868	2374	2377	2384	rVV	372886	502504	3.85%	0.769%
13	16.962	2388	2393	2399	rVB	169284	250445	1.92%	0.383%
14	17.768	2524	2530	2537	rBV3	210508	337826	2.59%	0.517%
15	17.898	2546	2552	2556	rBV	149774	241302	1.85%	0.369%
16	18.892	2716	2721	2728	rBV	996418	1376642	10.54%	2.107%
17	18.974	2731	2735	2739	rVV3	104400	142631	1.09%	0.218%
18	19.256	2775	2783	2788	rBV	738135	1176157	9.00%	1.800%
19	19.486	2816	2822	2834	rVB	10576409	13062096	100.00%	19.991%
20	19.768	2866	2870	2873	rVB	107278	137126	1.05%	0.210%
21	20.792	3040	3044	3058	rVB	848065	1115725	8.54%	1.708%
22	21.033	3080	3085	3090	rBV	2617388	3633375	27.82%	5.561%
23	21.068	3090	3091	3099	rVB	280162	301640	2.31%	0.462%
24	21.668	3189	3193	3198	rBV2	203879	323208	2.47%	0.495%
25	22.527	3335	3339	3343	rBV	231915	424205	3.25%	0.649%
26	23.144	3438	3444	3450	rVB	1899687	3232657	24.75%	4.948%
27	23.768	3547	3550	3560	rVB5	204925	382271	2.93%	0.585%

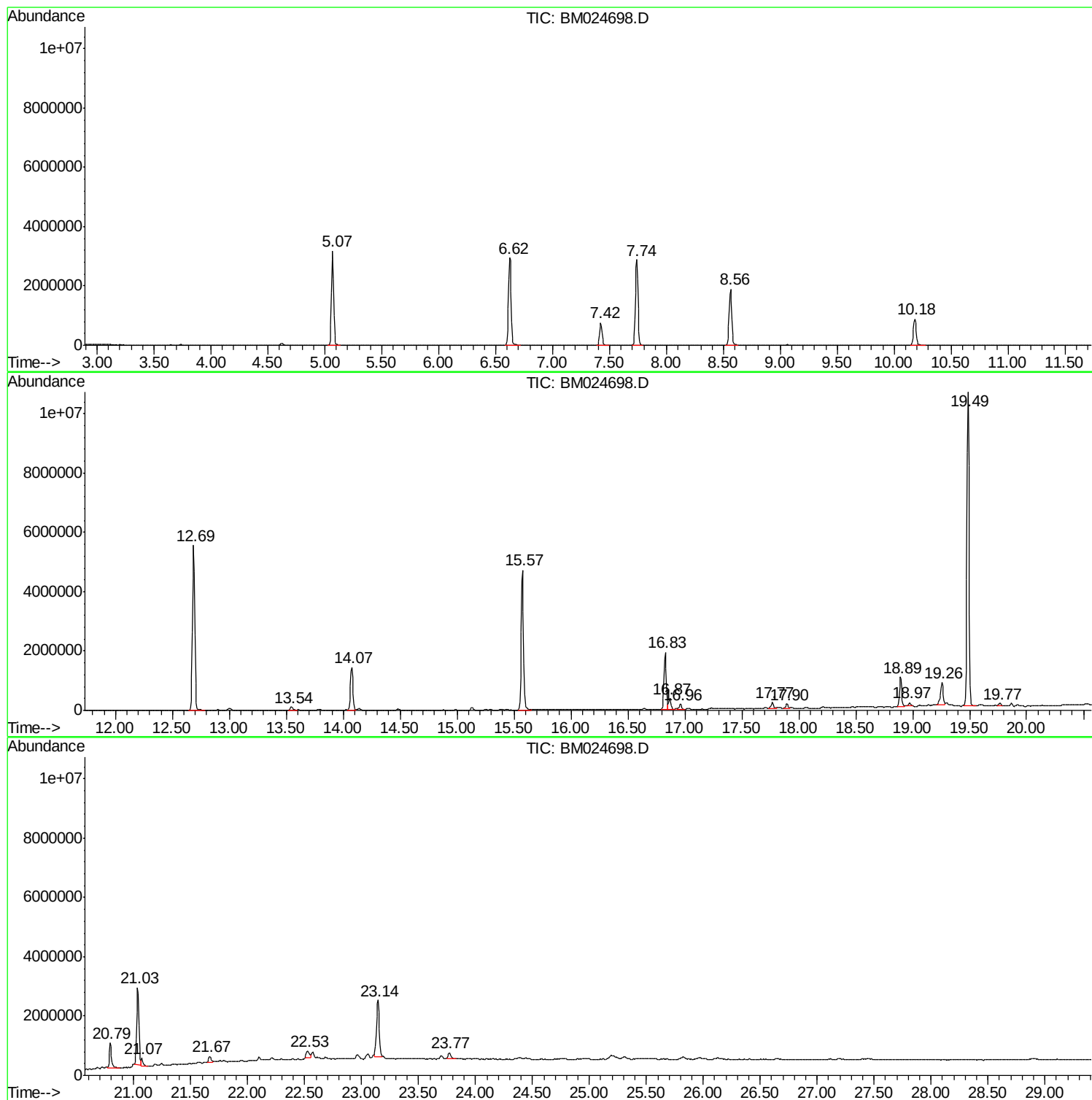
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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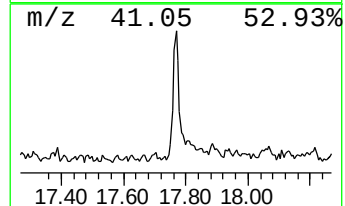
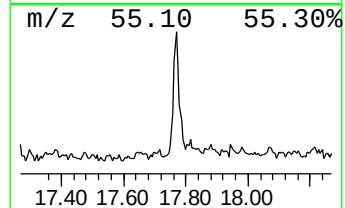
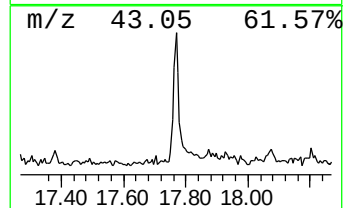
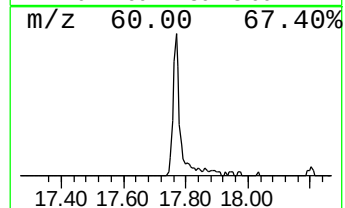
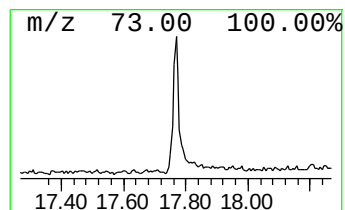
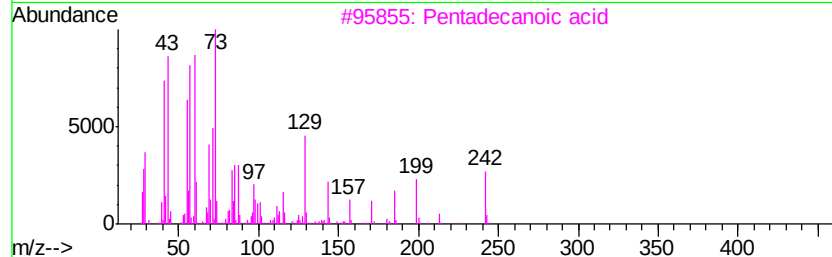
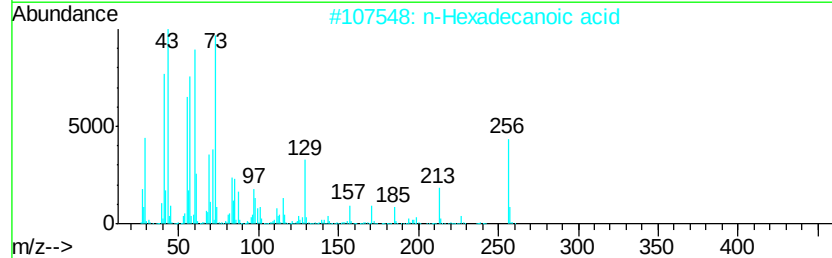
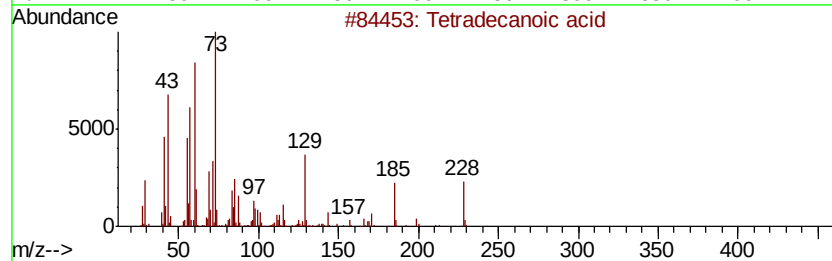
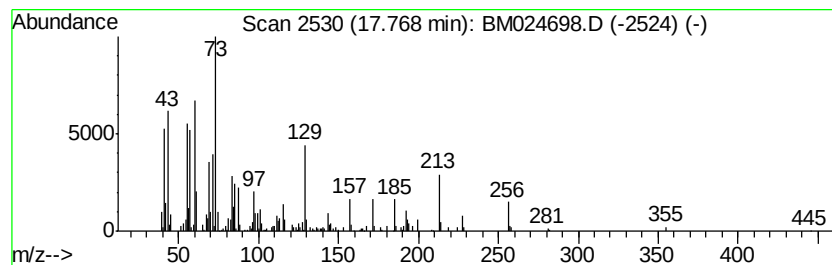
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Tetradecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.77	2.53 ng	337826	Phenanthrene-d10	16.83

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecanoic acid	228	C14H28O2	000544-63-8	96
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4		Tridecanoic acid	214	C13H26O2	000638-53-9	86
5		n-Decanoic acid	172	C10H20O2	000334-48-5	62



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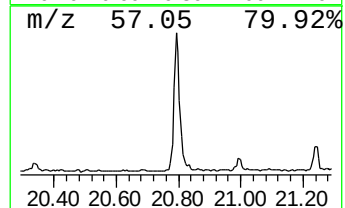
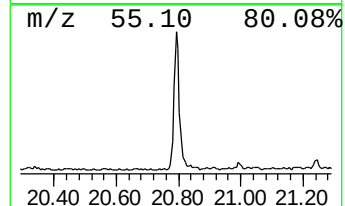
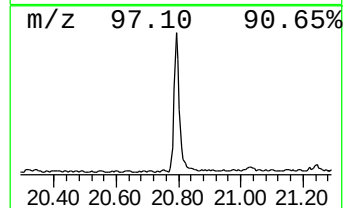
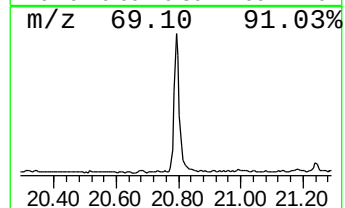
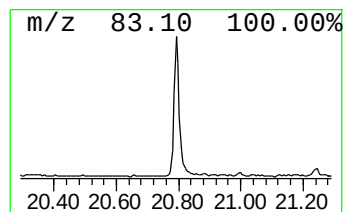
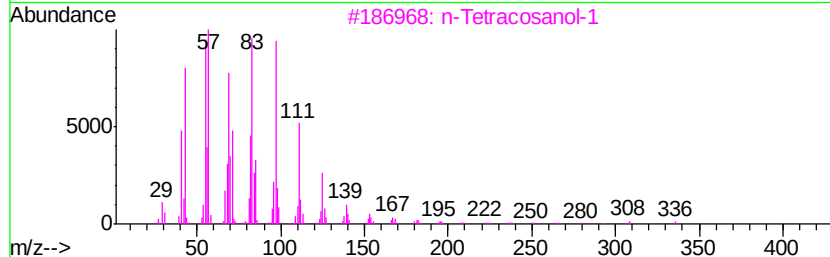
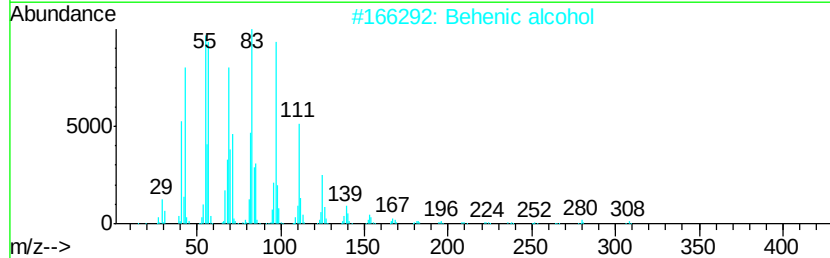
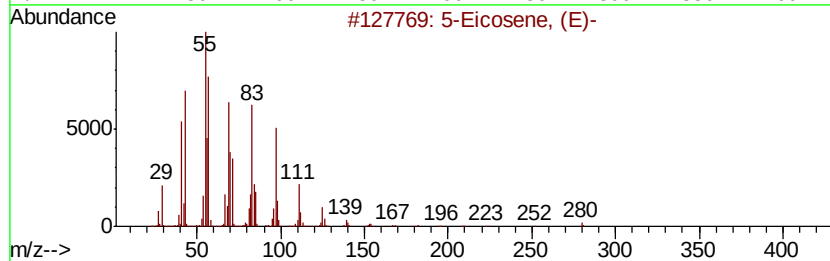
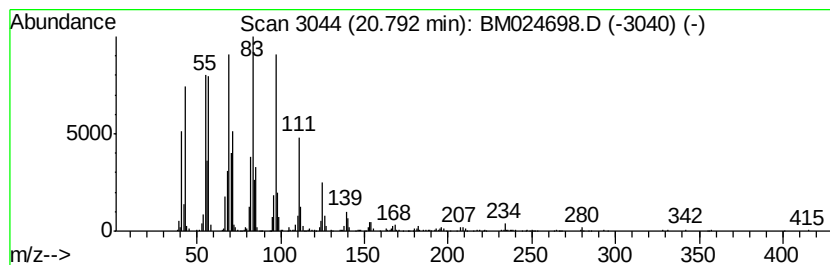
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Peak Number 3 5-Eicosene, (E)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.79	6.14 ng	1115730	Chrysene-d12	21.03	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	98
2	Behenic alcohol	326	C22H46O	000661-19-8	95
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	95
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
5	1-Heptacosanol	396	C27H56O	002004-39-9	93



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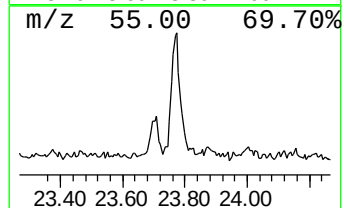
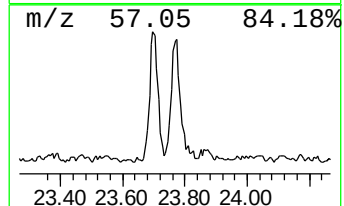
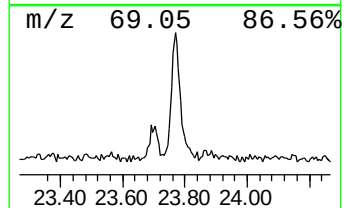
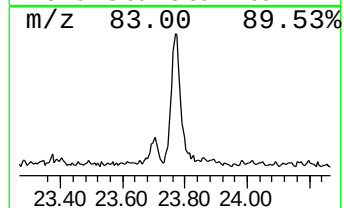
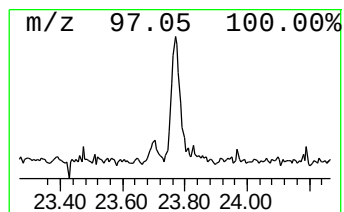
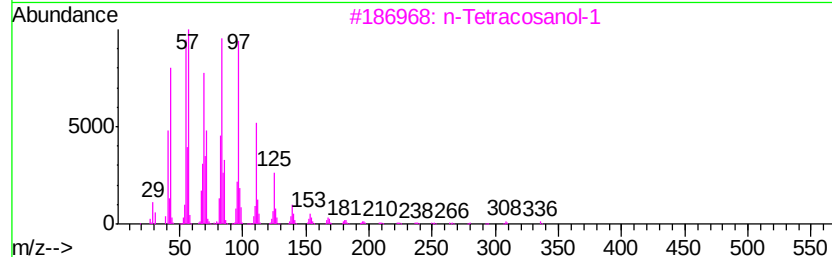
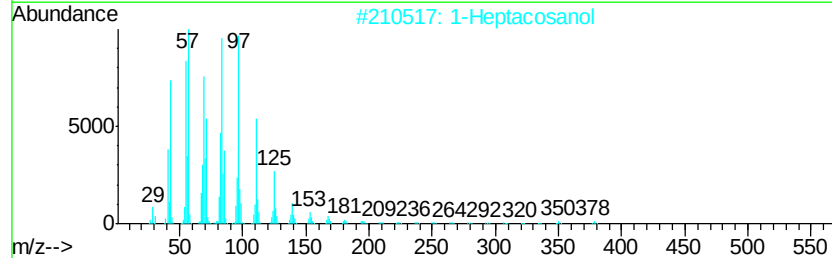
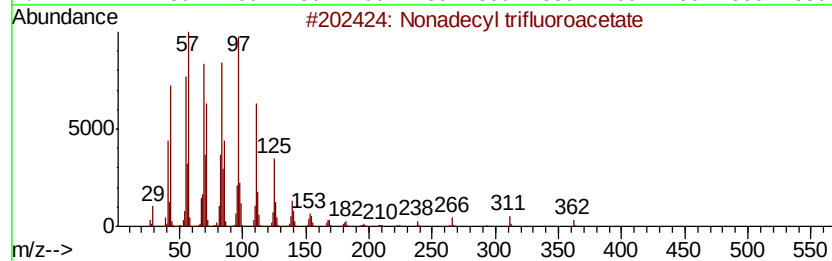
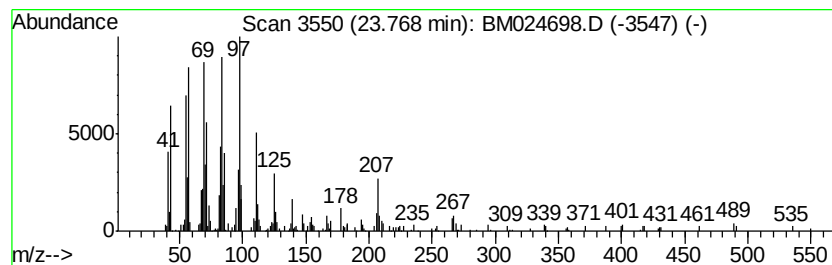
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Peak Number 4 Nonadecyl trifluoroacetate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.77	2.37 ng	382271	Perylene-d12	23.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	94
2		1-Heptacosanol	396	C27H56O	002004-39-9	91
3		n-Tetracosanol-1	354	C24H50O	000506-51-4	91
4		Nonadecyl heptafluorobutyrte	480	C23H39F7O2	1000351-83-9	91
5		Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	87



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Tetradecanoic acid	17.77	2.5	ng	337826	4	16.83	2672430	20.0
5-Eicosene, (E)-	20.79	6.1	ng	1115730	5	21.03	3633380	20.0
Nonadecyl trifluo...	23.77	2.4	ng	382271	6	23.14	3232660	20.0