

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020320\
 Data File : BM024697.D
 Acq On : 03 Feb 2020 13:58
 Operator : CG/JU
 Sample : L1320-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ETGI-367

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON Filtering: 5
 Sampling : 1 Min Area: 3 % of largest Peak
 Start Thrs: 0.2 Max Peaks: 100
 Stop Thrs : 0 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	365	371	384	rBV	3053711	4179349	32.37%	6.826%
2	6.628	627	636	648	rBV	2828391	4434058	34.34%	7.242%
3	7.422	765	771	781	rBV	762316	1188960	9.21%	1.942%
4	7.739	818	825	837	rBV	2711173	4150008	32.14%	6.778%
5	8.563	957	965	982	rBV	1804298	2870048	22.23%	4.687%
6	10.180	1232	1240	1251	rBV	933008	1534760	11.89%	2.507%
7	12.686	1659	1666	1680	rBV	5179462	7603744	58.89%	12.419%
8	13.545	1807	1812	1821	rBV	223739	321134	2.49%	0.524%
9	14.074	1896	1902	1912	rBV	1552409	2173526	16.83%	3.550%
10	15.574	2150	2157	2177	rBV	4738948	6513256	50.45%	10.638%
11	16.827	2364	2370	2375	rBV	1952043	2703133	20.94%	4.415%
12	17.768	2524	2530	2539	rBV2	268558	419365	3.25%	0.685%
13	19.486	2816	2822	2833	rBV	10629749	12911308	100.00%	21.087%
14	20.797	3040	3045	3056	rBV	811458	1115309	8.64%	1.822%
15	20.997	3075	3079	3082	rBV	894347	965390	7.48%	1.577%
16	21.039	3082	3086	3091	rVB	2672245	3344124	25.90%	5.462%
17	21.244	3118	3121	3126	rBV2	127100	151472	1.17%	0.247%
18	21.668	3189	3193	3198	rBV4	170042	263008	2.04%	0.430%
19	22.103	3264	3267	3271	rVB2	154103	165770	1.28%	0.271%
20	23.144	3439	3444	3455	rVB	2169327	3774228	29.23%	6.164%
21	23.774	3547	3551	3560	rVB5	239754	445846	3.45%	0.728%

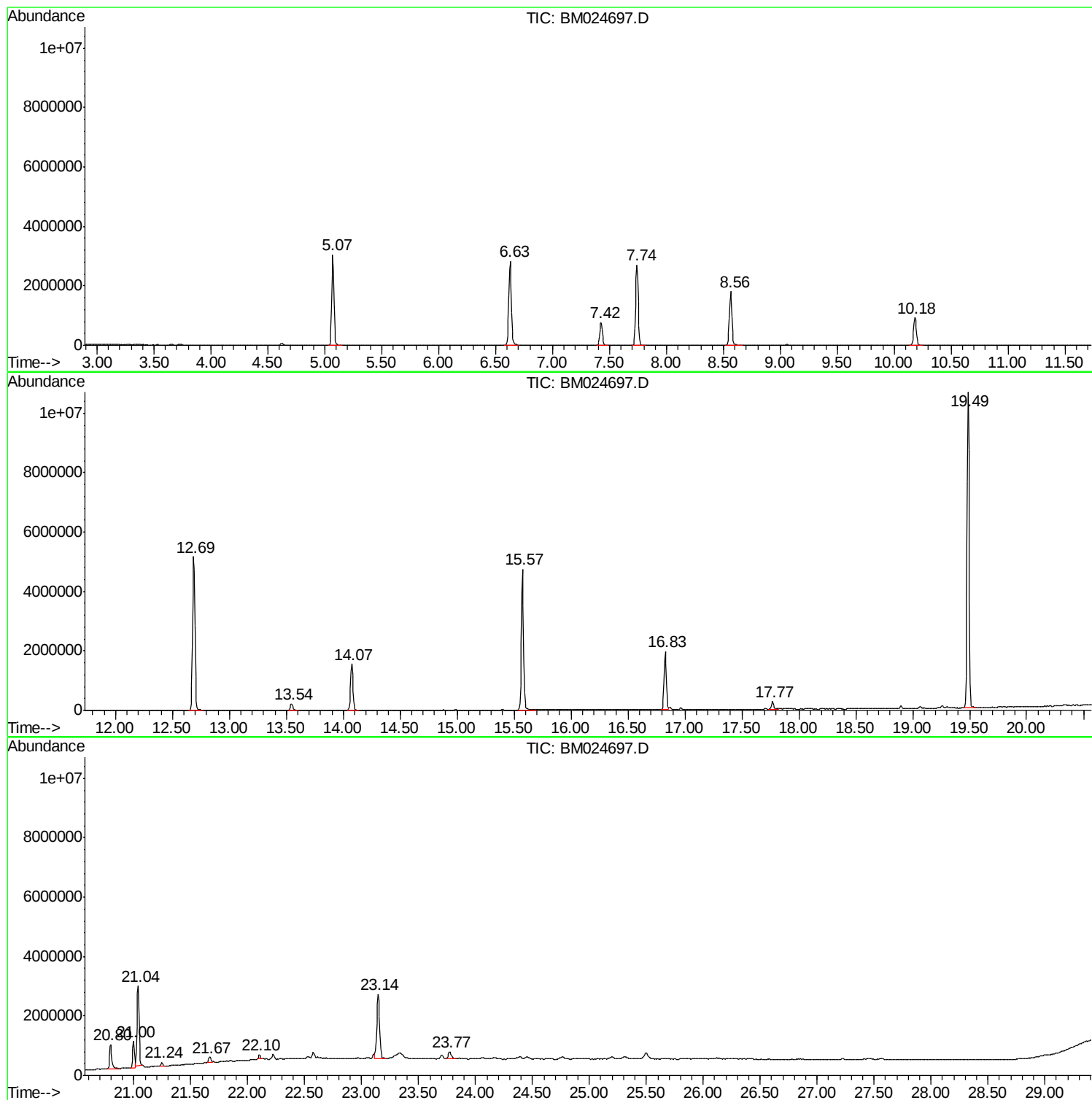
Sum of corrected areas: 61227796

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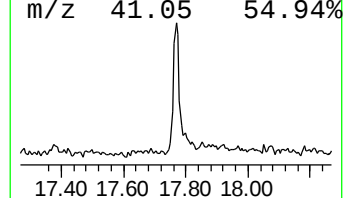
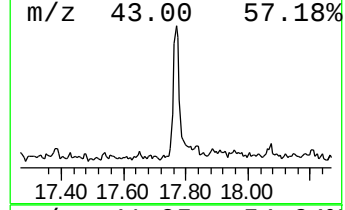
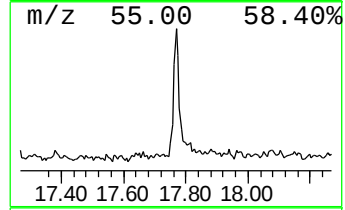
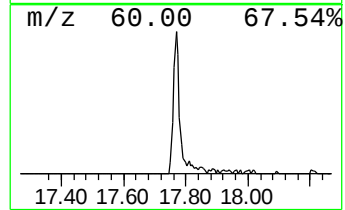
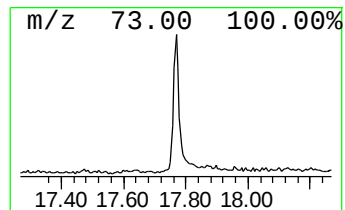
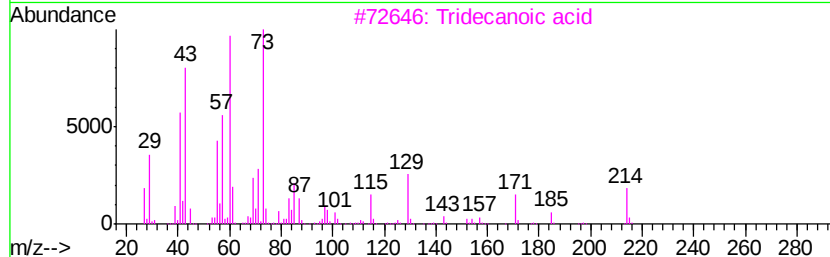
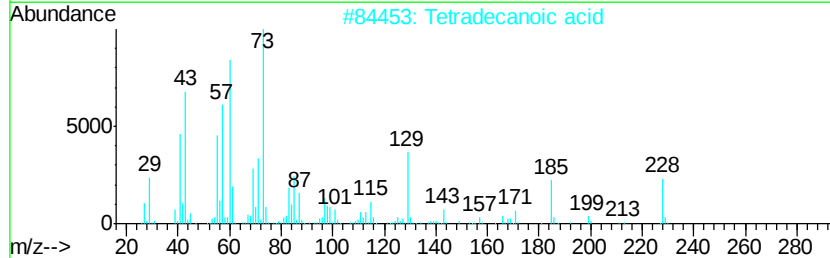
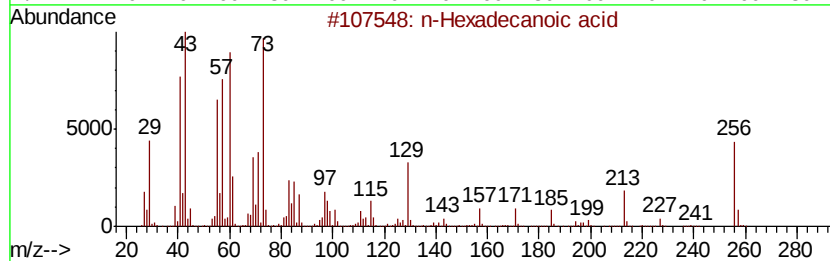
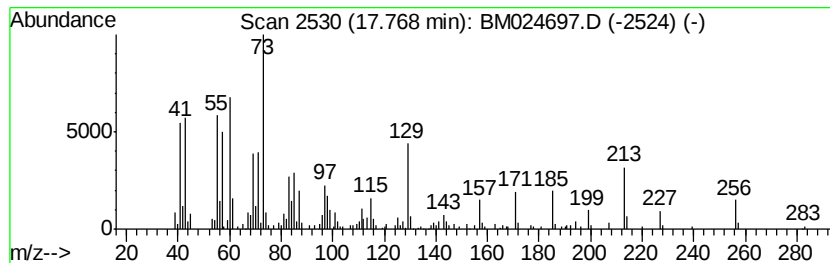
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.77	3.10 ng	419365	Phenanthrene-d10	16.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	90
3			Tridecanoic acid	214	C13H26O2	000638-53-9	89
4			n-Decanoic acid	172	C10H20O2	000334-48-5	87
5			Undecanoic acid	186	C11H22O2	000112-37-8	25



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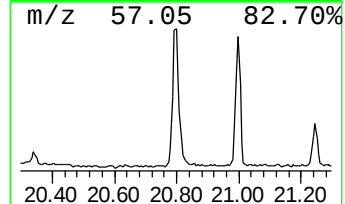
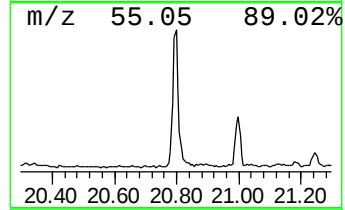
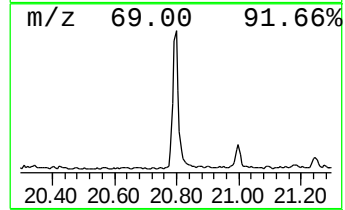
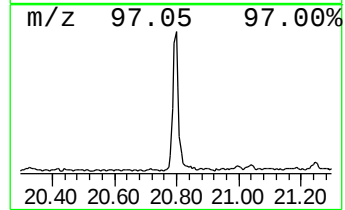
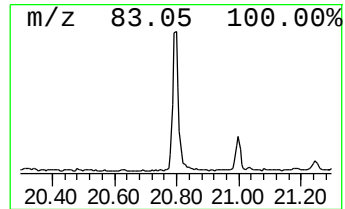
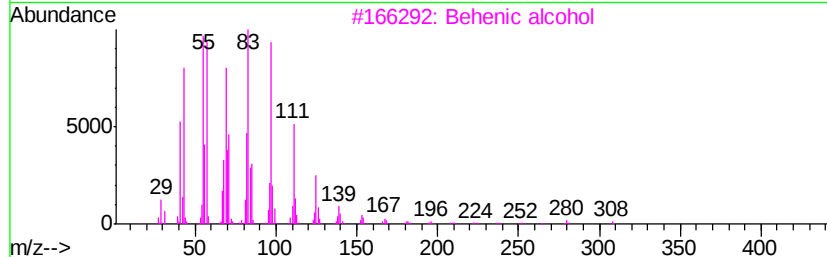
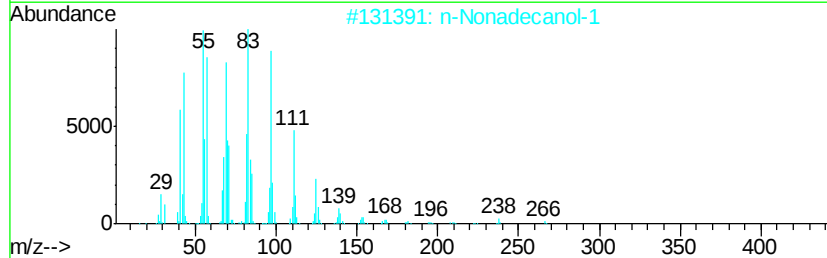
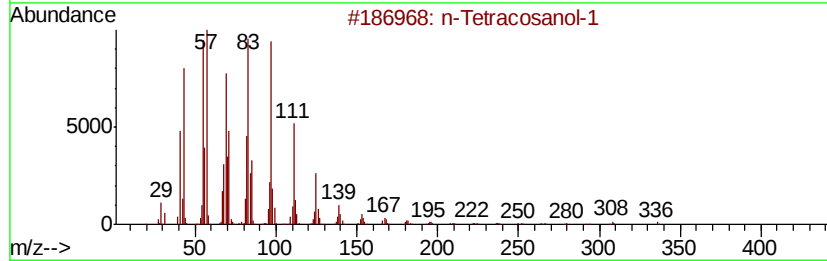
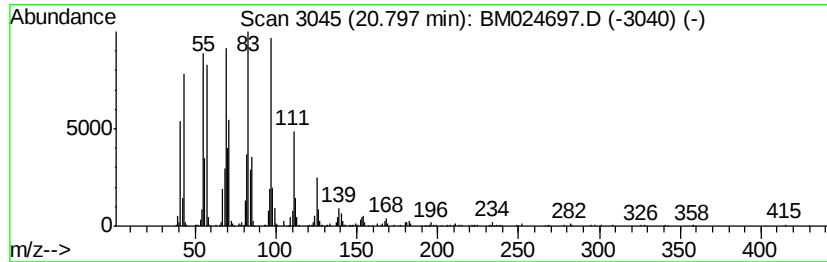
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Peak Number 3 n-Tetracosanol-1 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
20.80	6.67 ng	1115310	Chrysene-d12		21.04	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1		354	C24H50O	000506-51-4	94
2	n-Nonadecanol-1		284	C19H40O	001454-84-8	94
3	Behenic alcohol		326	C22H46O	000661-19-8	94
4	1-Heptacosanol		396	C27H56O	002004-39-9	93
5	E-15-Heptadecenal		252	C17H32O	1000130-97-9	92



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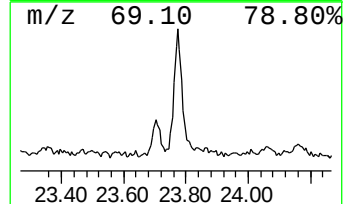
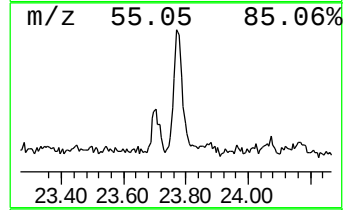
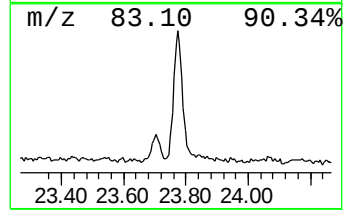
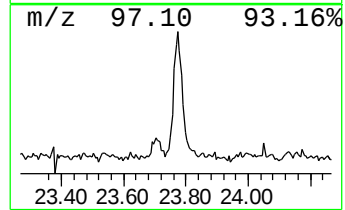
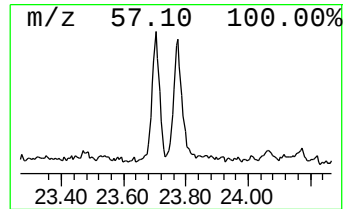
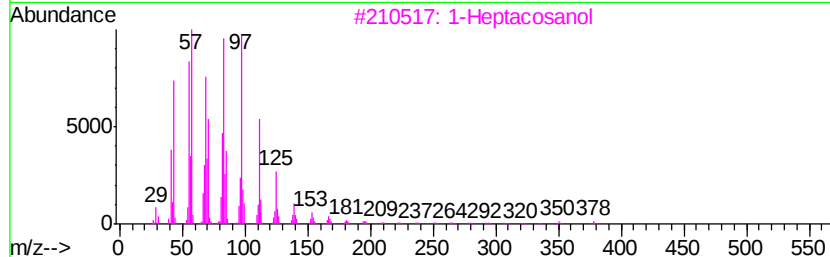
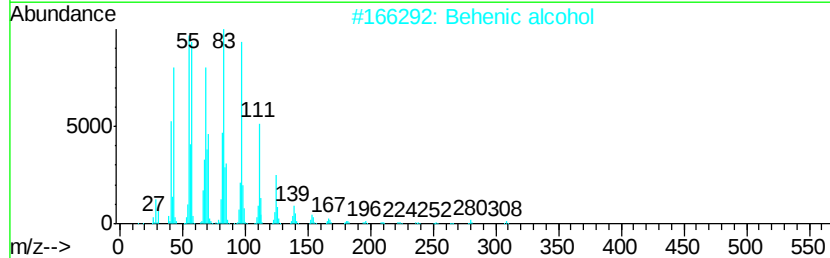
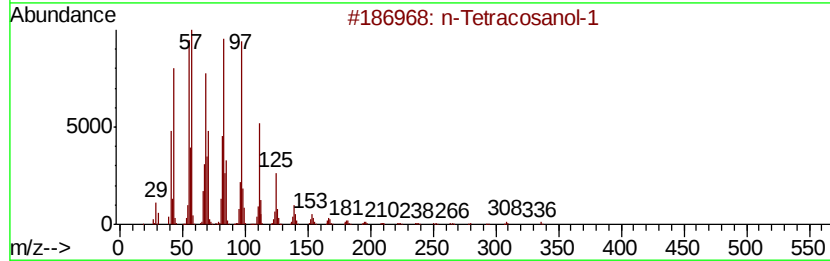
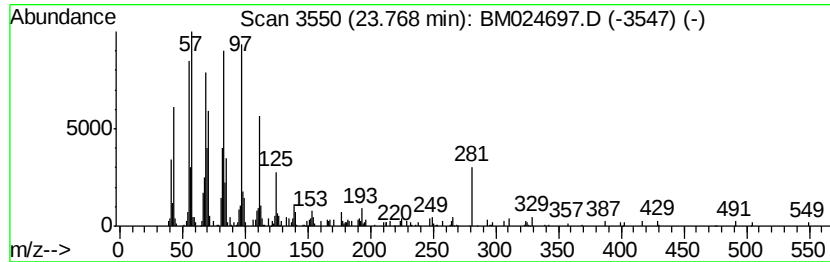
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Peak Number 4 Behenic alcohol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.77	2.36 ng	445846	Perylene-d12	23.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Tetracosanol-1	354	C24H50O	000506-51-4	93
2		Behenic alcohol	326	C22H46O	000661-19-8	93
3		1-Heptacosanol	396	C27H56O	002004-39-9	93
4		Octacosanol	410	C28H58O	000557-61-9	91
5		Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	90



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.77	3.1 ng		419365	4	16.83	2703130	20.0
n-Tetracosanol-1	20.80	6.7 ng		1115310	5	21.04	3344120	20.0
Behenic alcohol	23.77	2.4 ng		445846	6	23.14	3774230	20.0