

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042121\
 Data File : BM029590.D
 Acq On : 22 Apr 2021 05:42
 Operator : CG/JU
 Sample : M2114-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GMW-10

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-BM042121.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM029590.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.240	395	400	411	rBV	524468	814580	10.06%	2.638%
2	6.822	662	669	688	rBV2	357366	803570	9.93%	2.603%
3	7.645	801	809	818	rBV	246116	405297	5.01%	1.313%
4	8.798	998	1005	1019	rBV	824734	1409217	17.41%	4.565%
5	10.422	1274	1281	1290	rBV	352542	602140	7.44%	1.950%
6	12.904	1696	1703	1717	rBV	2918244	4299163	53.10%	13.925%
7	13.745	1839	1846	1855	rBV	258861	363196	4.49%	1.176%
8	14.286	1931	1938	1945	rBV2	699336	1011264	12.49%	3.276%
9	15.780	2185	2192	2210	rBV	2700269	3880579	47.93%	12.570%
10	17.027	2398	2404	2416	rBV	926362	1318986	16.29%	4.272%
11	17.939	2553	2559	2576	rBV	618433	999038	12.34%	3.236%
12	19.103	2748	2757	2763	rBV7	29241	81880	1.01%	0.265%
13	19.221	2772	2777	2789	rBV	412127	668658	8.26%	2.166%
14	19.662	2846	2852	2866	rBV	6851407	8096050	100.00%	26.224%
15	20.474	2985	2990	2994	rBV2	59624	102028	1.26%	0.330%
16	20.933	3064	3068	3078	rBV	1115450	1449417	17.90%	4.695%
17	21.209	3110	3115	3122	rBV	1399486	1758653	21.72%	5.696%
18	21.374	3140	3143	3149	rBV2	93972	121489	1.50%	0.394%
19	21.803	3212	3216	3228	rBV4	110003	268873	3.32%	0.871%
20	22.250	3290	3292	3297	rVB2	76744	92932	1.15%	0.301%
21	22.744	3374	3376	3380	rVB	67502	81138	1.00%	0.263%
22	23.403	3482	3488	3498	rVB2	981264	1818993	22.47%	5.892%
23	24.021	3588	3593	3603	rVB	201740	425776	5.26%	1.379%

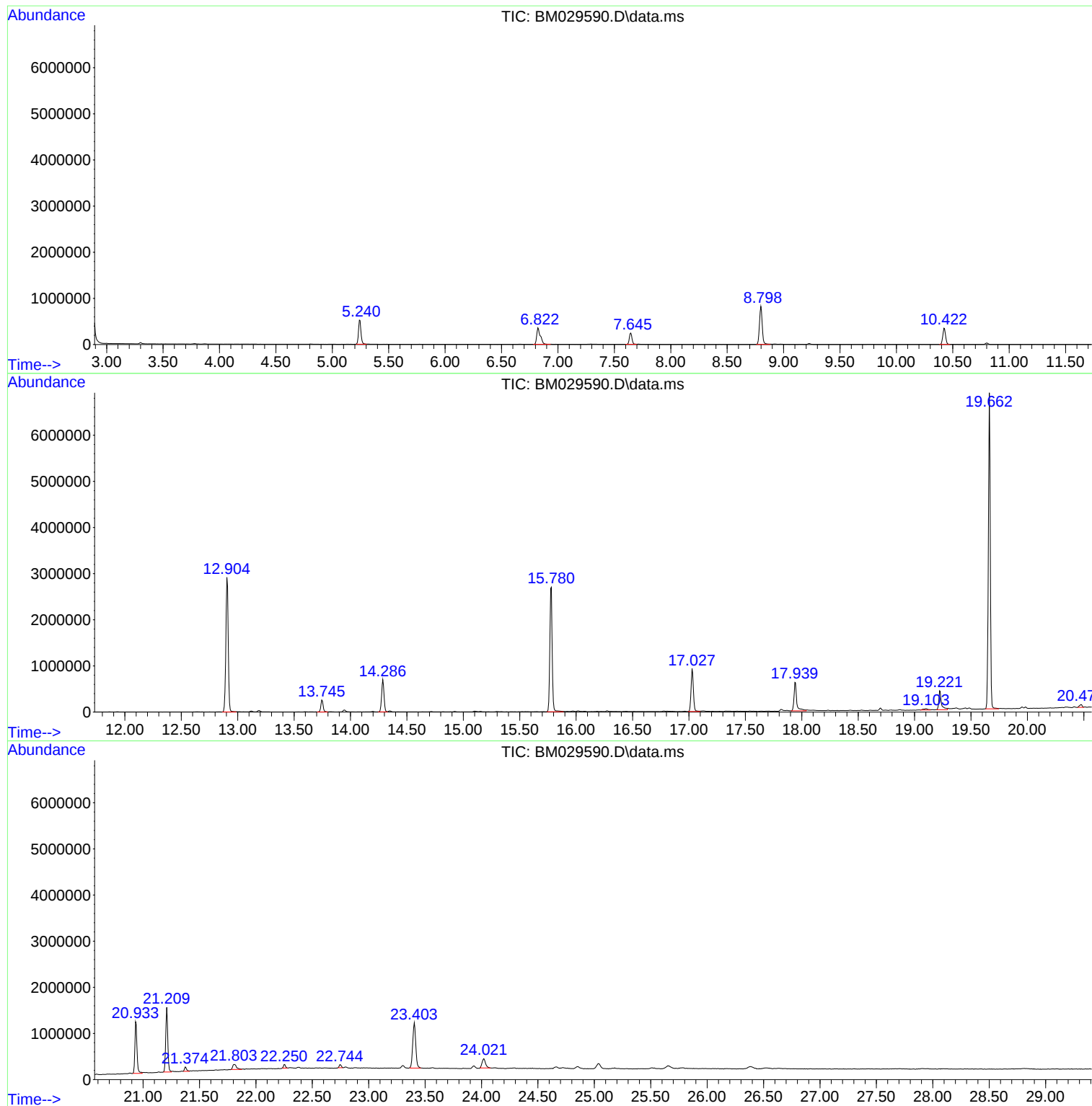
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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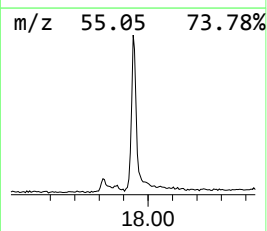
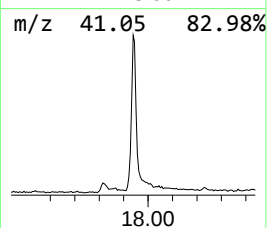
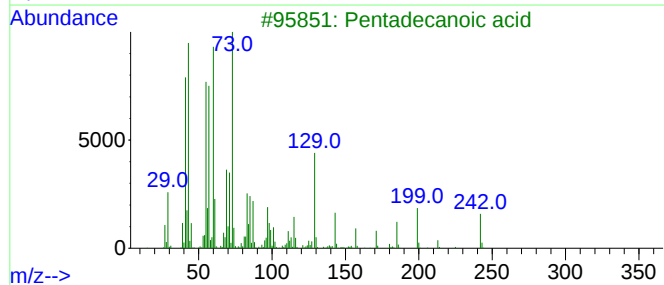
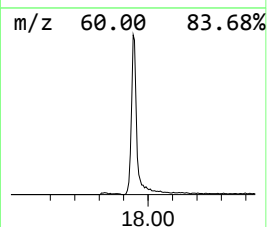
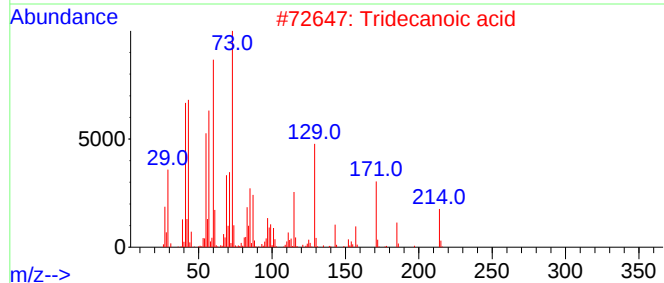
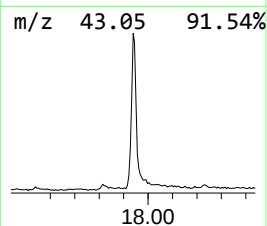
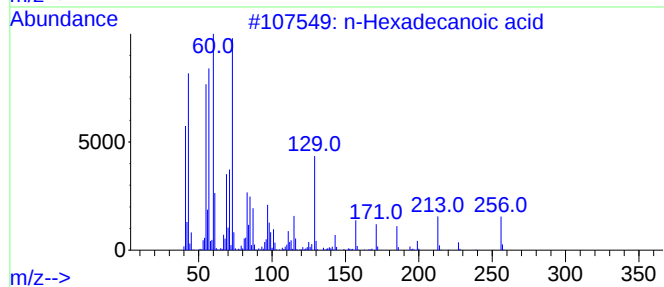
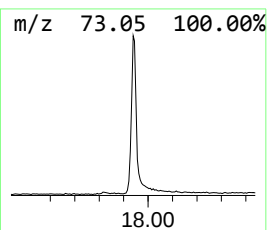
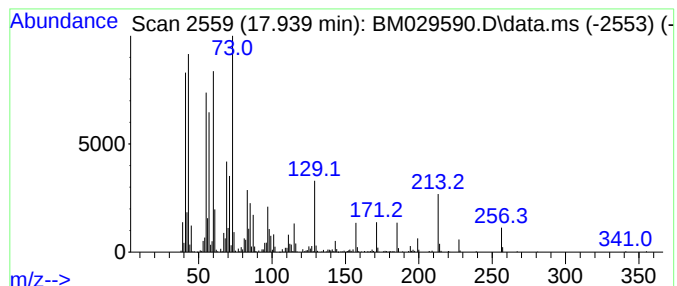
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.939	15.15 ng	999038	Phenanthrene-d10	17.027

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Tridecanoic acid	214	C13H26O2	000638-53-9	92
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4			Octadecanoic acid	284	C18H36O2	000057-11-4	81
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	64



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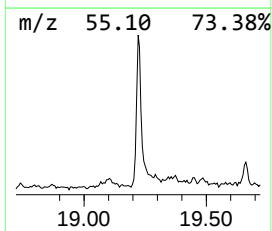
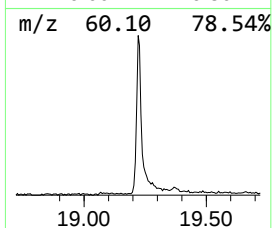
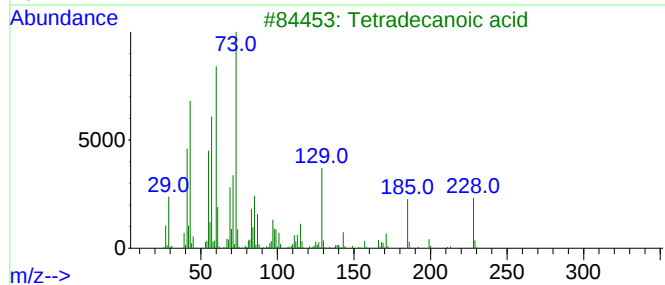
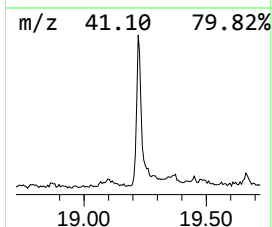
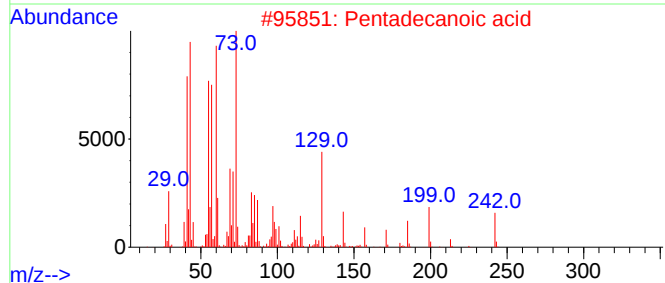
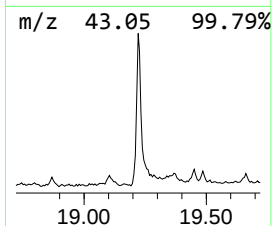
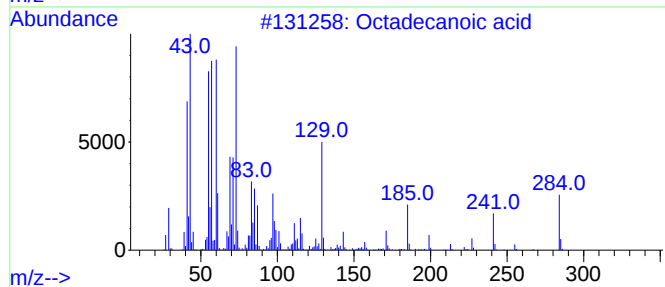
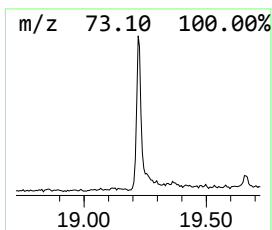
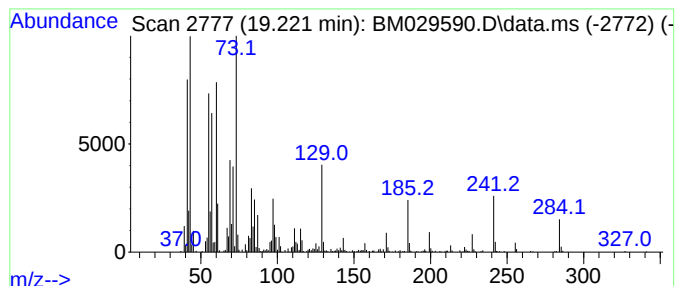
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.221	7.60 ng	668658	Chrysene-d12	21.209

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	98
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	89
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74
5			n-Decanoic acid	172	C10H20O2	000334-48-5	58



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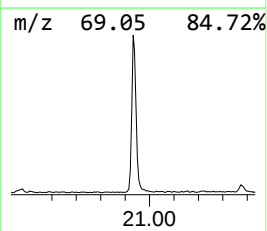
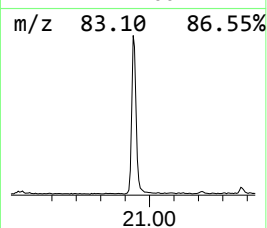
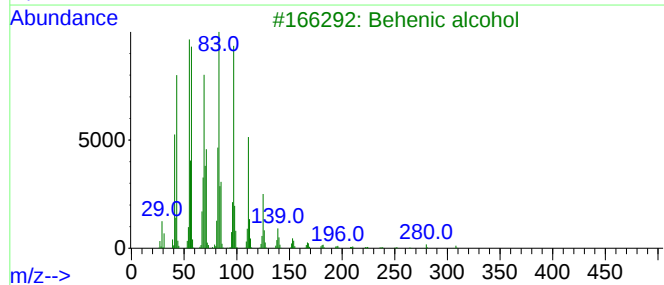
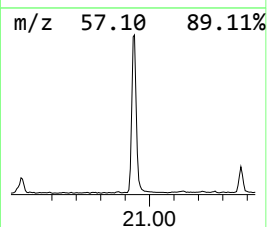
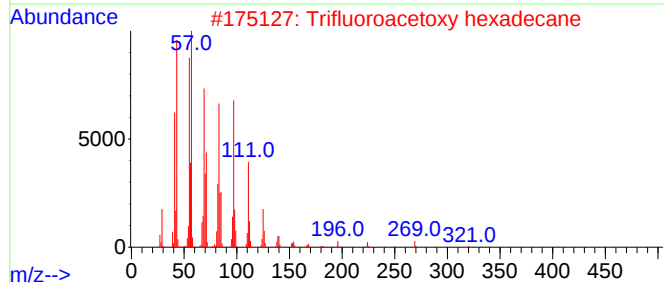
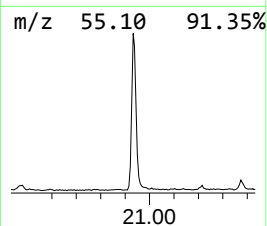
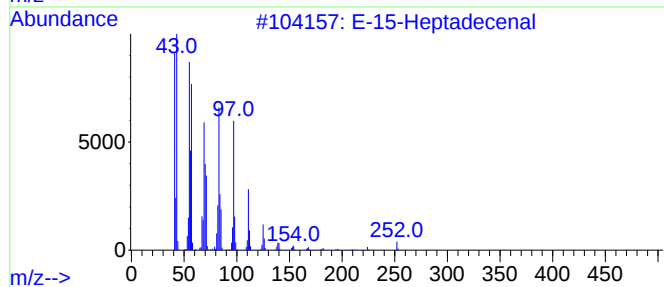
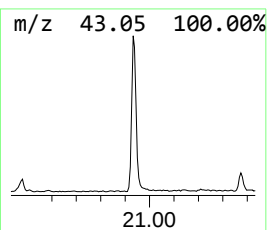
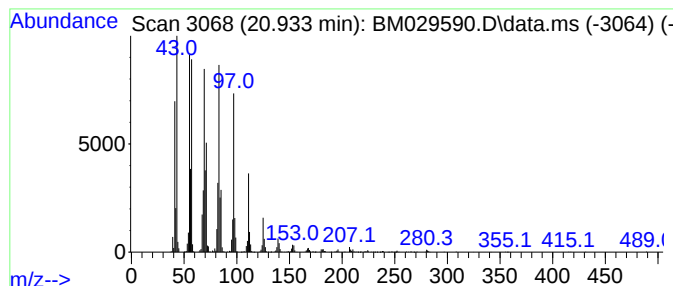
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Peak Number 3 E-15-Heptadecenal Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.933	16.48 ng	1449420	Chrysene-d12	21.209

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	E-15-Heptadecenal			252	C17H32O	1000130-97-9	98
2	Trifluoroacetoxy hexadecane			338	C18H33F3O2	006222-03-3	93
3	Behenic alcohol			326	C22H46O	000661-19-8	91
4	2- Chloropropionic acid, octadec...			360	C21H41ClO2	088104-31-8	91
5	Bromoacetic acid, hexadecyl ester			362	C18H35BrO2	005454-48-8	91



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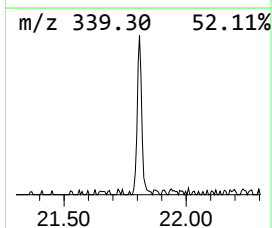
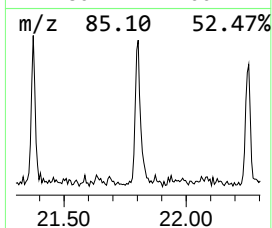
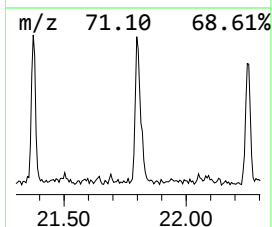
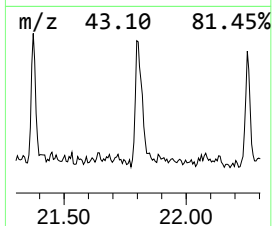
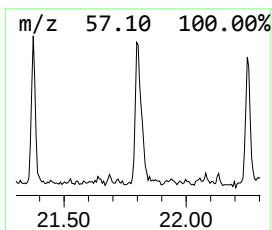
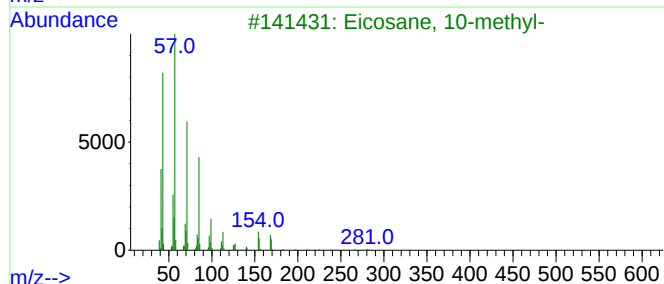
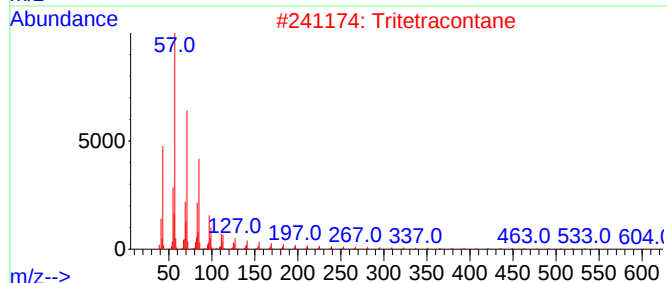
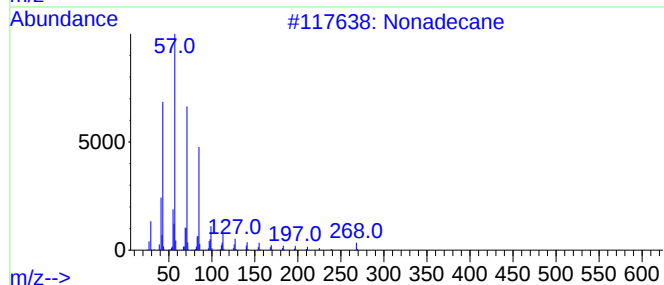
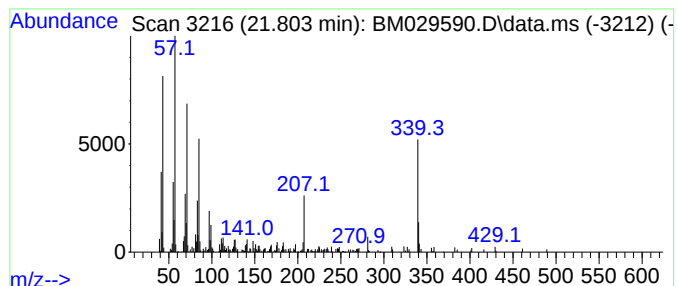
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Peak Number 4 Nonadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.803	3.06 ng	268873	Chrysene-d12	21.209

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	84
2			Tritetracontane	605	C43H88	007098-21-7	55
3			Eicosane, 10-methyl-	296	C21H44	054833-23-7	53
4			Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	49
5			Sulfurous acid, dodecyl 2-propyl...	292	C15H32O3S	1000309-12-3	46



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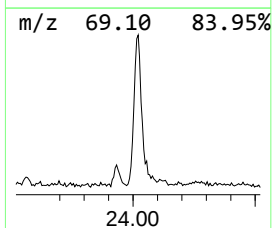
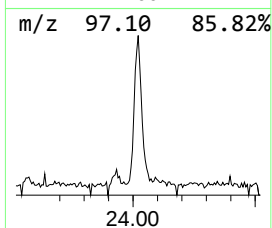
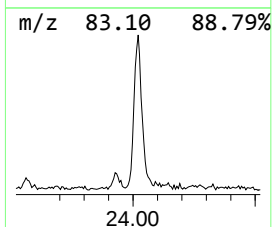
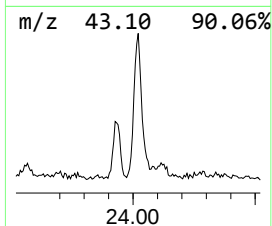
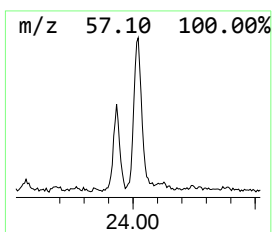
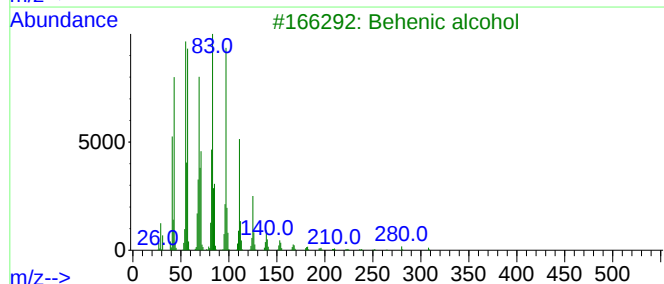
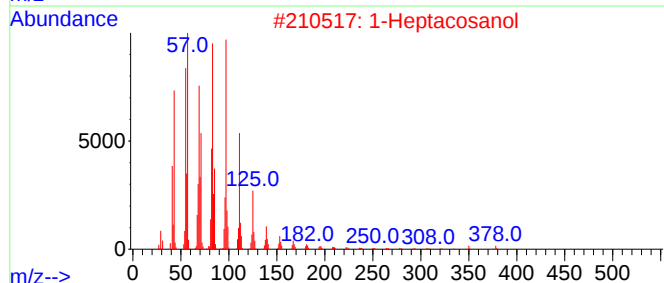
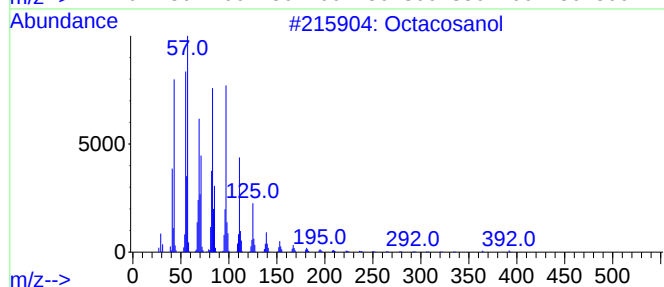
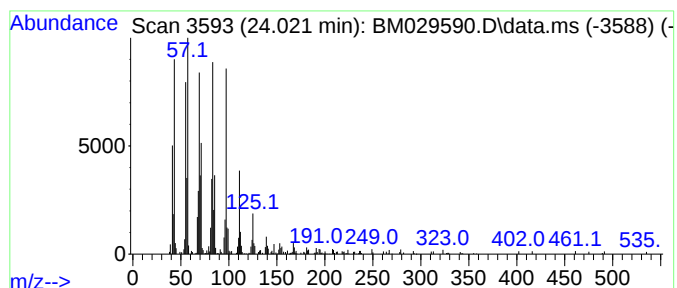
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 Octacosanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.021	4.68 ng	425776	Perylene-d12	23.403

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octacosanol	410	C28H58O	000557-61-9	93
2			1-Heptacosanol	396	C27H56O	002004-39-9	93
3			Behenic alcohol	326	C22H46O	000661-19-8	90
4			Cyclohexane, 1,2-dimethyl-3-pent...	224	C16H32	062376-17-4	83
5			n-Tetracosanol-1	354	C24H50O	000506-51-4	70



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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic ...	17.939	15.2	ng	999038	4	17.027	1318990	20.0
Octadecanoic acid	19.221	7.6	ng	668658	5	21.209	1758650	20.0
E-15-Heptadecenal	20.933	16.5	ng	1449420	5	21.209	1758650	20.0
Nonadecane	21.803	3.1	ng	268873	5	21.209	1758650	20.0
Octacosanol	24.021	4.7	ng	425776	6	23.403	1818990	20.0