

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052522\
 Data File : BF128457.D
 Acq On : 25 May 2022 13:59
 Operator : CG\JU
 Sample : N2894-24
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P008-SS004-0006-01

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_F\Methods\8270-BF052022.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF128457.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.045	466	469	476	rBV	14800	20479	1.11%	0.147%
2	5.434	531	535	555	rBV	1869488	1788198	96.68%	12.808%
3	6.445	703	707	724	rBV	1709922	1849586	100.00%	13.248%
4	6.804	765	768	777	rBV	710548	620144	33.53%	4.442%
5	7.375	861	865	868	rBV	1327288	1217831	65.84%	8.723%
6	8.086	982	986	990	rBV	776975	739747	40.00%	5.299%
7	9.163	1164	1169	1172	rBV	2025465	1779857	96.23%	12.749%
8	9.845	1280	1285	1288	rBV	890672	700310	37.86%	5.016%
9	10.639	1416	1420	1435	rBV	1154927	1011516	54.69%	7.245%
10	11.339	1535	1539	1544	rBV	858118	797189	43.10%	5.710%
11	11.857	1625	1627	1631	rBV3	25340	28312	1.53%	0.203%
12	12.921	1804	1808	1811	rBV	1820538	1619042	87.54%	11.597%
13	13.810	1956	1959	1962	rBV	21363	19358	1.05%	0.139%
14	13.845	1962	1965	1977	rVB5	33286	72490	3.92%	0.519%
15	13.945	1979	1982	1985	rBV	48375	44069	2.38%	0.316%
16	13.986	1985	1989	1993	rBV	492192	443246	23.96%	3.175%
17	14.074	2000	2004	2009	rBV	28901	39555	2.14%	0.283%
18	14.433	2062	2065	2070	rVB	32016	34815	1.88%	0.249%
19	14.810	2126	2129	2134	rVB	33013	37195	2.01%	0.266%
20	15.062	2169	2172	2179	rVB	31394	40877	2.21%	0.293%
21	15.451	2234	2238	2244	rVB	346090	434860	23.51%	3.115%
22	15.862	2304	2308	2314	rVB	39636	57241	3.09%	0.410%
23	16.339	2382	2389	2405	rBV7	82226	338012	18.28%	2.421%
24	16.945	2487	2492	2505	rVB5	42700	123661	6.69%	0.886%
25	17.527	2583	2591	2603	rBV5	28717	103697	5.61%	0.743%

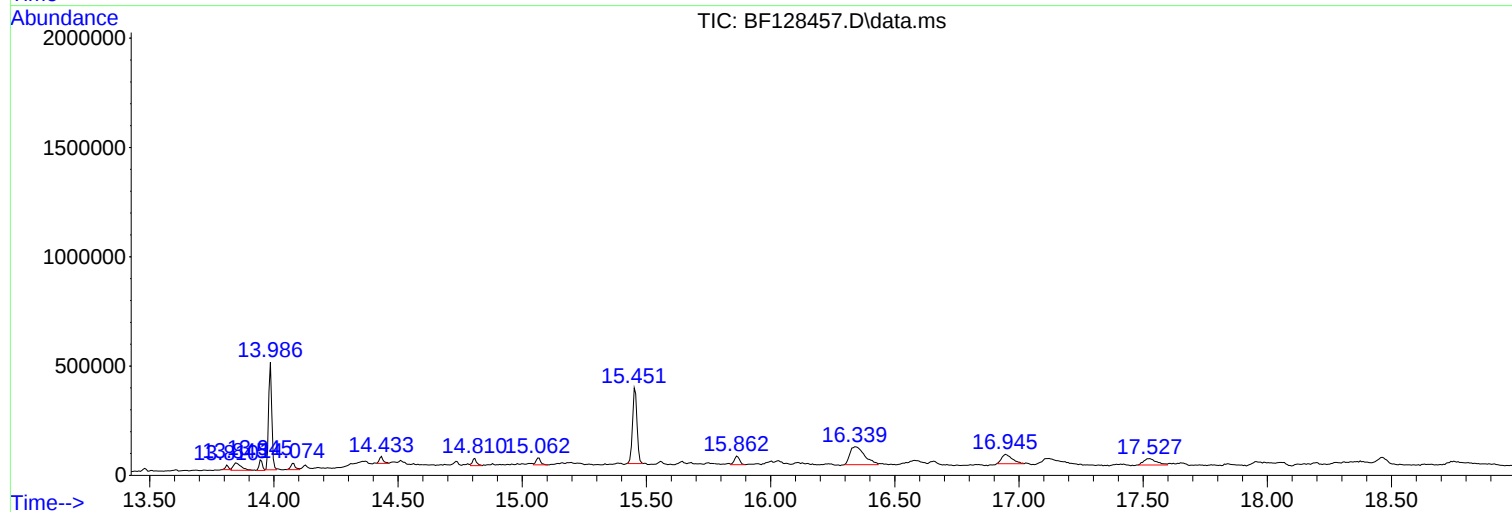
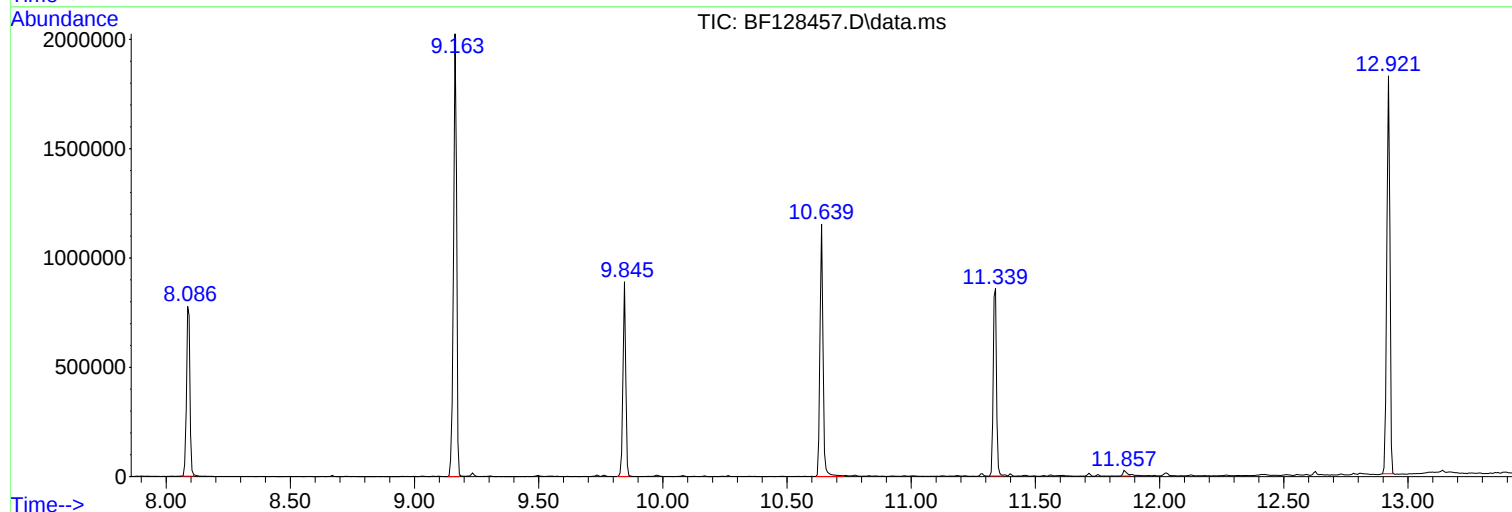
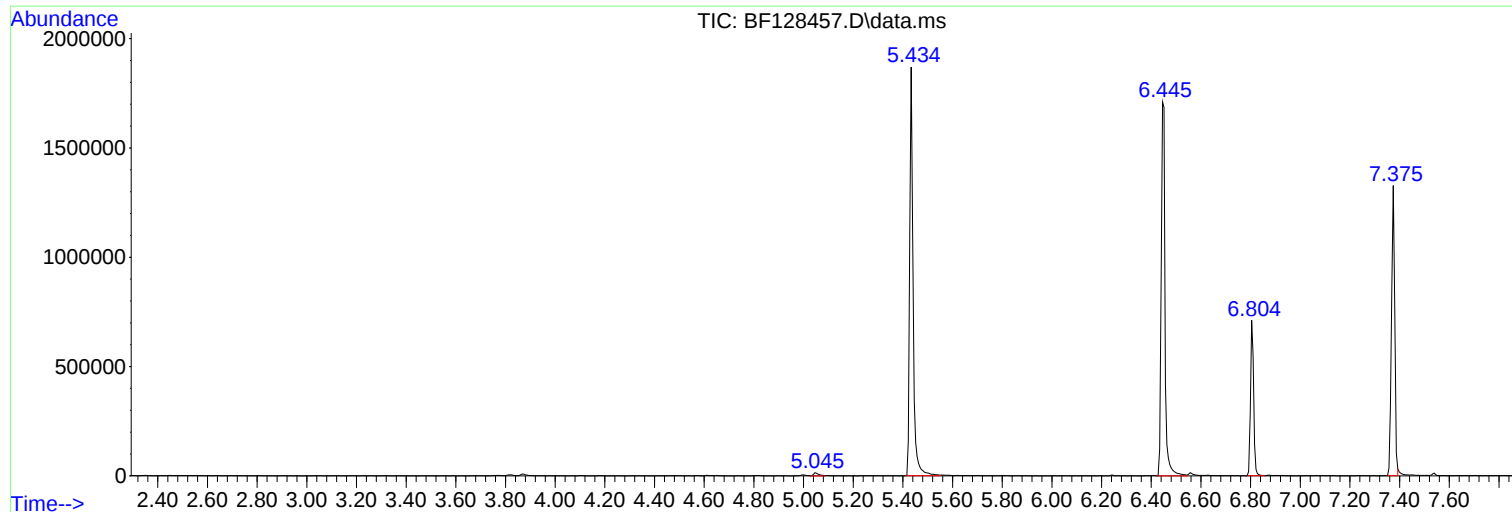
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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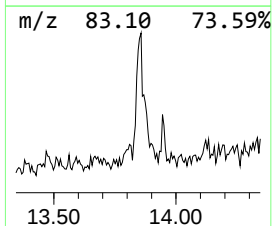
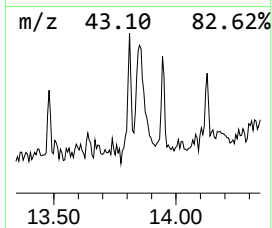
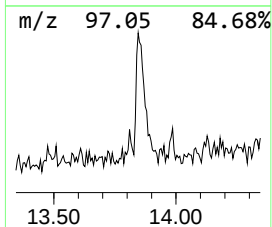
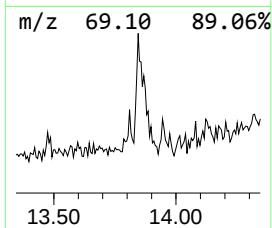
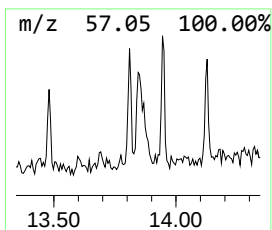
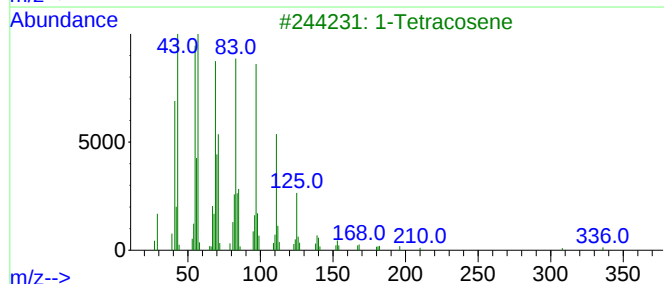
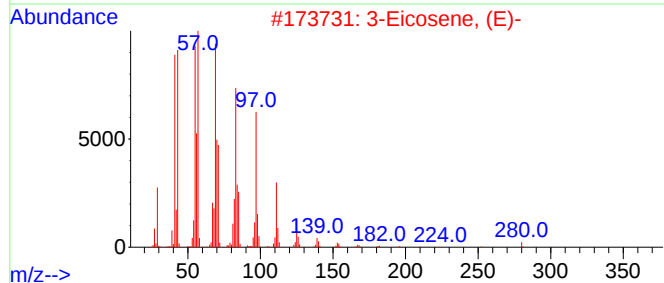
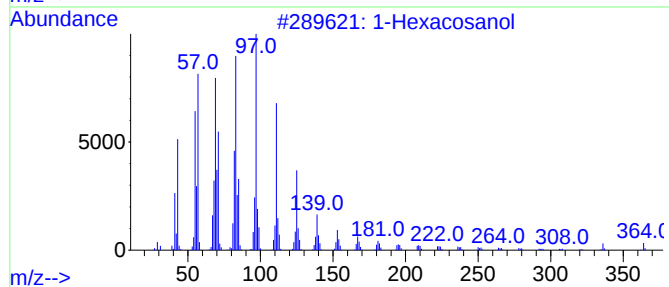
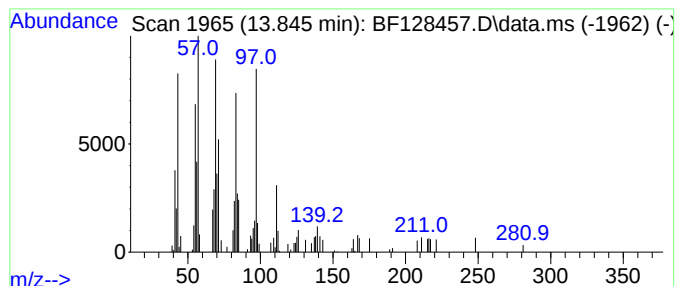
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 1-Hexacosanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.845	3.27 ng	72490	Chrysene-d12	13.986

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexacosanol			382	C26H54O	000506-52-5	90
2	3-Eicosene, (E)-			280	C20H40	074685-33-9	83
3	1-Tetracosene			336	C24H48	010192-32-2	83
4	1-Tricosene			322	C23H46	018835-32-0	70
5	Trichloroacetic acid, hexadecyl ...			386	C18H33Cl3O2	074339-54-1	70



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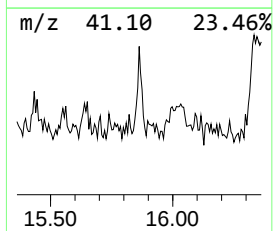
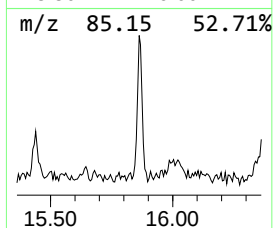
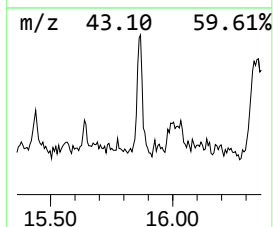
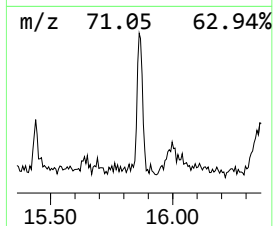
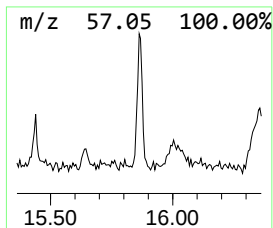
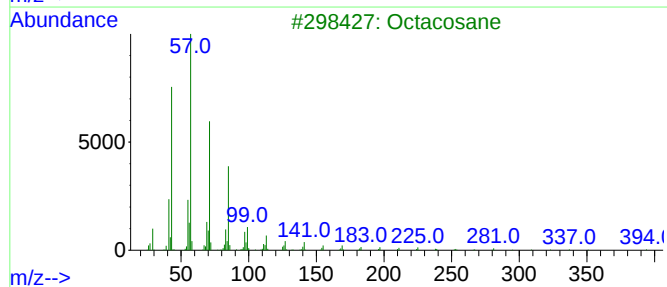
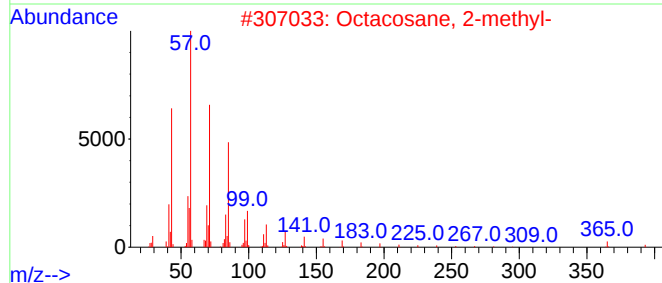
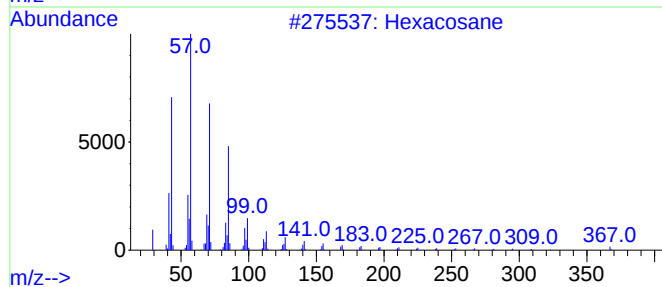
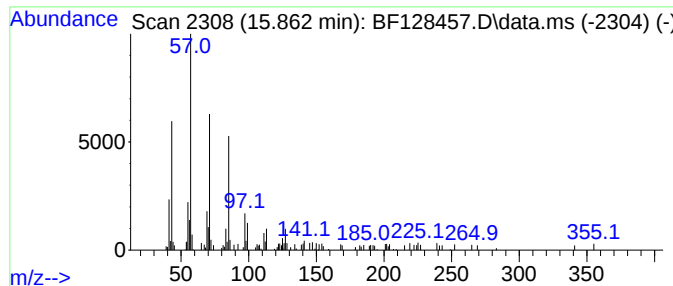
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TIC Library : C:\Database\NIST20.L
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Peak Number 2 Hexacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.862	2.63 ng	57241	Perylene-d12	15.451

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexacosane	366	C26H54	000630-01-3	91
2		Octacosane, 2-methyl-	408	C29H60	001560-98-1	90
3		Octacosane	394	C28H58	000630-02-4	87
4		2-Bromotetradecane	276	C14H29Br	074036-95-6	86
5		Eicosane	282	C20H42	000112-95-8	86



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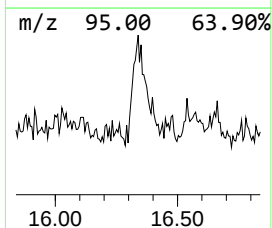
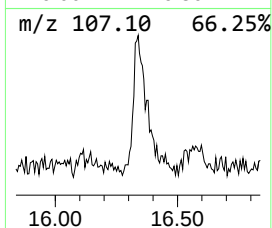
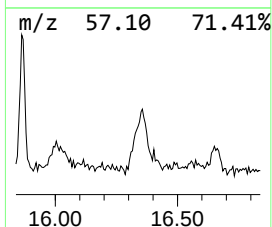
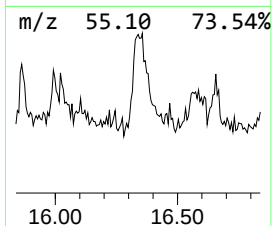
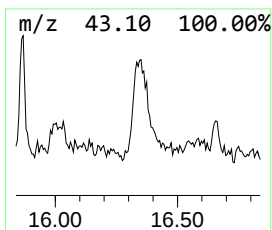
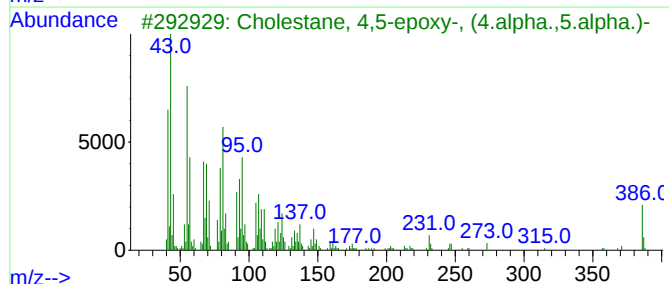
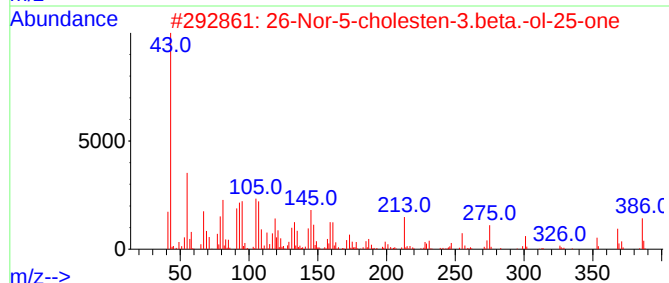
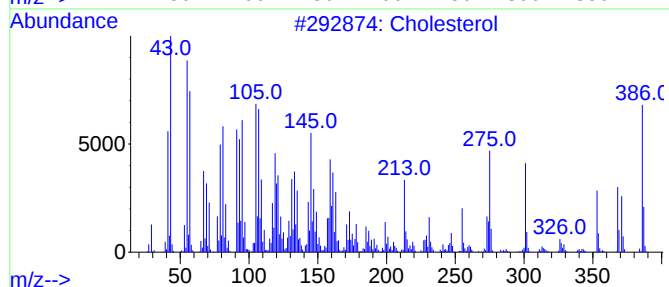
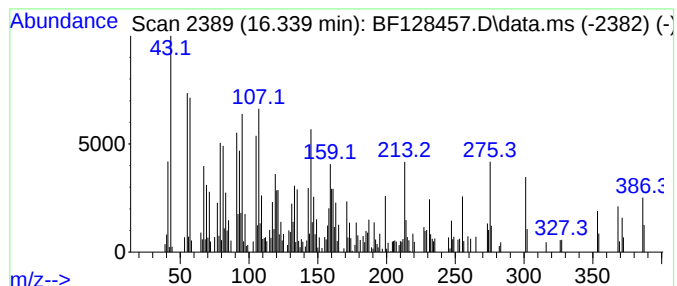
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Peak Number 3 Cholesterol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.339	15.55 ng	338012	Perylene-d12	15.451

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cholesterol	386	C27H46O	000057-88-5	99
2			26-Nor-5-cholesten-3.beta.-ol-25...	386	C26H42O2	007494-34-0	99
3			Cholestane, 4,5-epoxy-, (4.alpha...	386	C27H46O	006079-19-2	44
4			Cholest-5-en-3-ol (3.beta.)-, ac...	428	C29H48O2	000604-35-3	43
5			Cholest-5-en-3-ol (3.beta.)-, te...	597	C41H72O2	001989-52-2	35



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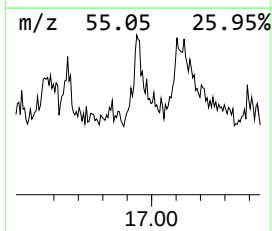
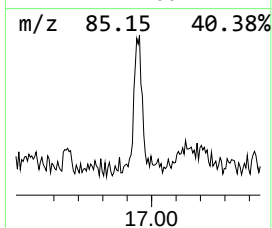
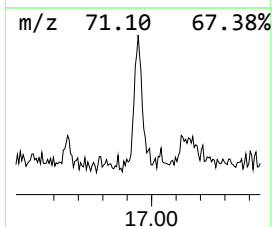
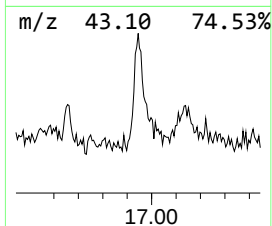
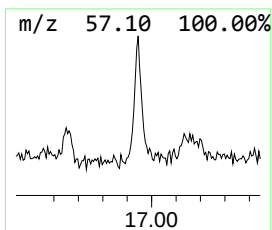
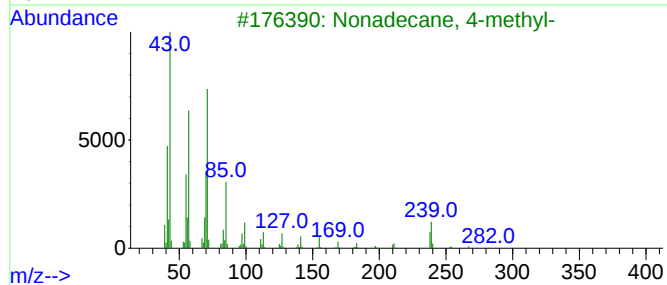
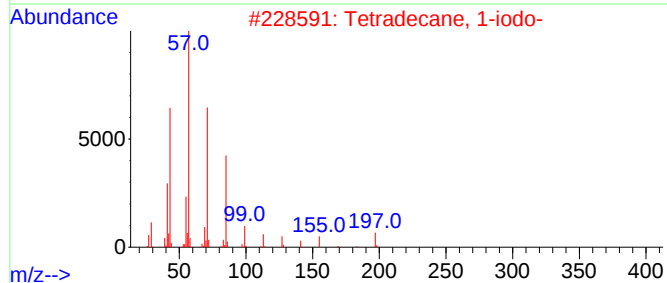
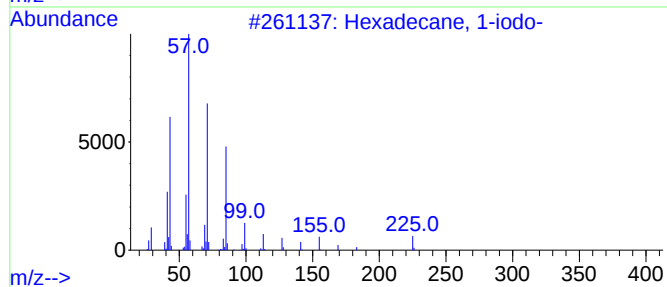
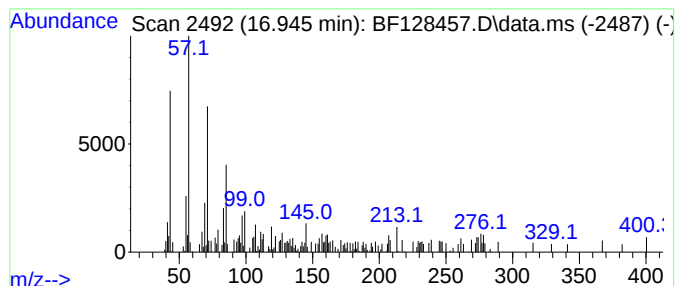
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Peak Number 4 Hexadecane, 1-iodo- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.945	5.69 ng	123661	Perylene-d12	15.451

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	52
2			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	52
3			Nonadecane, 4-methyl-	282	C20H42	025117-27-5	52
4			Hentriacontane	437	C31H64	000630-04-6	52
5			Heptacosane	380	C27H56	000593-49-7	50



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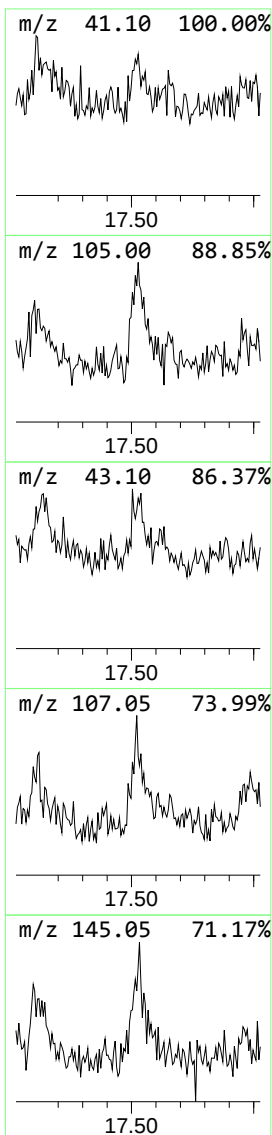
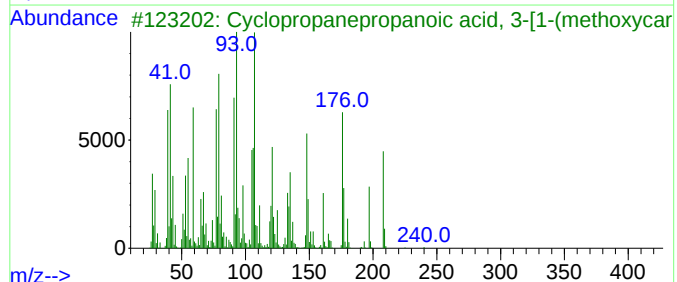
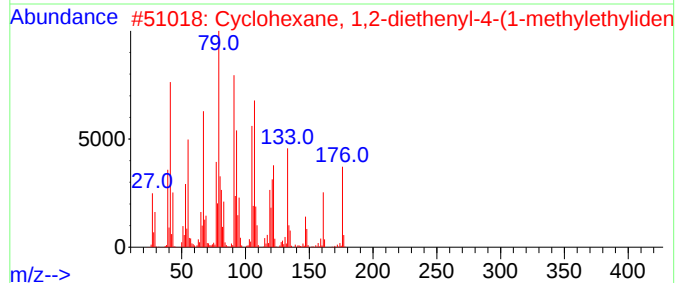
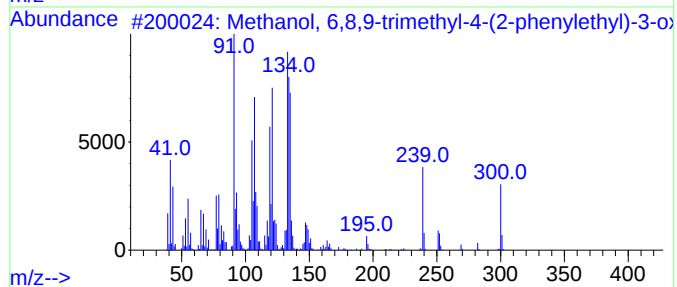
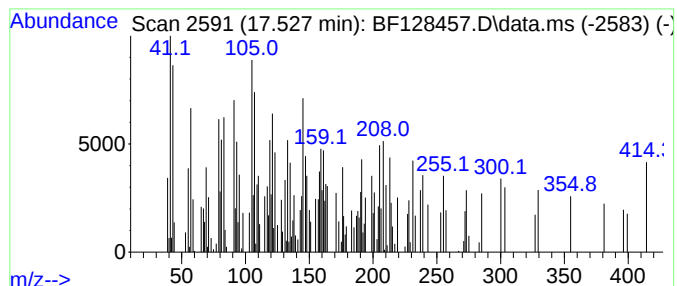
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Peak Number 5 unknown17.527 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.527	4.77 ng	103697	Perylene-d12	15.451

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Methanol, 6,8,9-trimethyl-4-(2-p...	300	C20H28O2	1000277-01-1	18
2			Cyclohexane, 1,2-diethenyl-4-(1-...	176	C13H20	034528-95-5	15
3			Cyclopropanepropanoic acid, 3-[1...	240	C13H20O4	074810-52-9	14
4			5-O-Tolylcarbamoyl-3H-imidazole-...	273	C14H15N3O3	313251-31-9	14
5			4-Pyridinecarbaldehyde 4-ethyl-3...	208	C9H12N4S	098954-06-4	12



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
1-Hexacosanol	13.845	3.3	ng	72490	5	13.986	443246	20.0
Hexacosane	15.862	2.6	ng	57241	6	15.451	434860	20.0
Cholesterol	16.339	15.6	ng	338012	6	15.451	434860	20.0
Hexadecane, 1-i...	16.945	5.7	ng	123661	6	15.451	434860	20.0
unknown17.527	17.527	4.8	ng	103697	6	15.451	434860	20.0