

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM013020\
 Data File : BM024665.D
 Acq On : 30 Jan 2020 19:09
 Operator : CG/JU
 Sample : L1318-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RAINEY-PARK-BH-03-A

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	4.622	291	295	304	rVB	65187	92413	1.05%	0.188%
2	5.069	364	371	381	rBV	2254492	3165159	35.91%	6.446%
3	6.628	628	636	649	rBV	2154188	3265214	37.04%	6.650%
4	7.428	766	772	782	rBV	594514	915448	10.38%	1.864%
5	7.745	817	826	834	rBV	2072978	3206799	36.38%	6.531%
6	8.569	958	966	980	rBV	1383603	2210807	25.08%	4.503%
7	10.186	1233	1241	1249	rBV	722699	1170403	13.28%	2.384%
8	12.692	1660	1667	1678	rBV	3790252	5433082	61.63%	11.065%
9	13.551	1806	1813	1820	rBV	134993	189434	2.15%	0.386%
10	14.080	1896	1903	1910	rBV	1146564	1658684	18.82%	3.378%
11	15.580	2151	2158	2170	rBV	3303002	4709724	53.43%	9.592%
12	16.833	2364	2371	2375	rBV	1451243	2059167	23.36%	4.194%
13	16.874	2375	2378	2384	rVB	209638	273322	3.10%	0.557%
14	17.262	2434	2444	2452	rBV4	42620	99860	1.13%	0.203%
15	17.774	2524	2531	2538	rBV2	258671	417718	4.74%	0.851%
16	18.897	2717	2722	2728	rBV	404306	561561	6.37%	1.144%
17	19.262	2776	2784	2789	rBV	406948	598559	6.79%	1.219%
18	19.492	2817	2823	2835	rVB	7344794	8815142	100.00%	17.953%
19	20.209	2942	2945	2951	rBV2	83977	98772	1.12%	0.201%
20	20.797	3041	3045	3057	rVB3	519478	766073	8.69%	1.560%
21	21.003	3077	3080	3081	rBV	100573	102692	1.16%	0.209%
22	21.044	3081	3087	3091	rVV	2447153	3466222	39.32%	7.060%
23	21.080	3091	3093	3101	rVB	267172	318329	3.61%	0.648%
24	21.250	3119	3122	3128	rVB3	118895	122867	1.39%	0.250%
25	21.674	3190	3194	3200	rBV2	219407	325411	3.69%	0.663%
26	22.109	3265	3268	3272	rVB	215468	239876	2.72%	0.489%
27	22.221	3283	3287	3293	rVB	649054	822947	9.34%	1.676%
28	22.580	3345	3348	3352	rVB2	287346	402658	4.57%	0.820%
29	23.115	3436	3439	3440	rBV	142575	169325	1.92%	0.345%
30	23.150	3440	3445	3452	rVB	1773413	3023277	34.30%	6.157%
31	23.709	3537	3540	3547	rVB	247924	399099	4.53%	0.813%

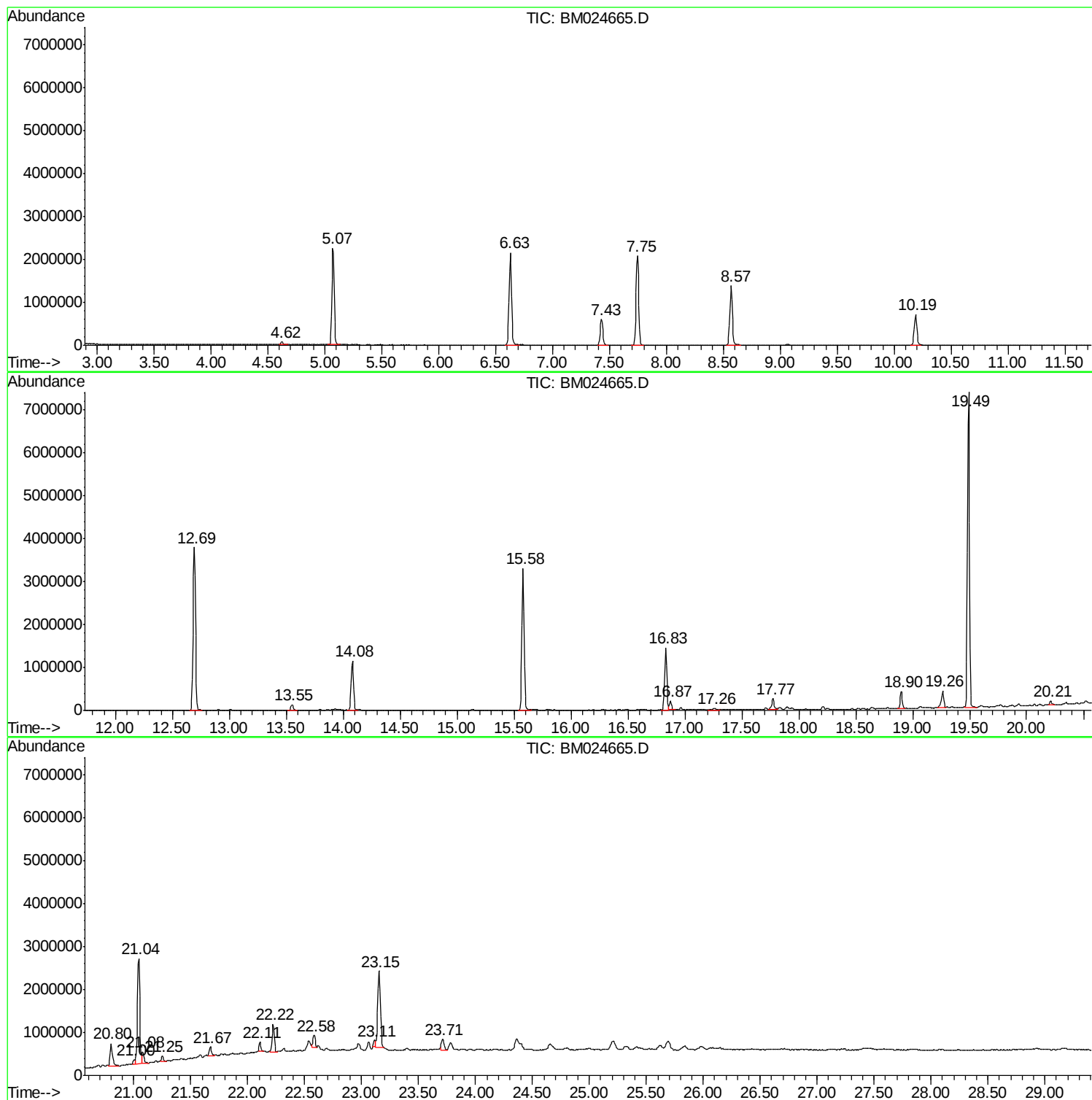
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Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM012320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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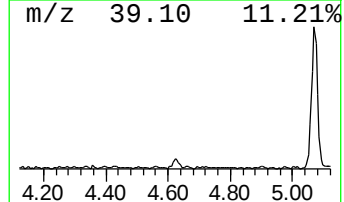
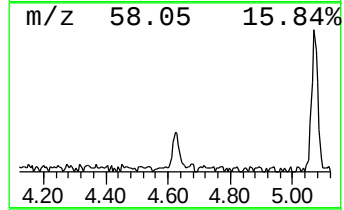
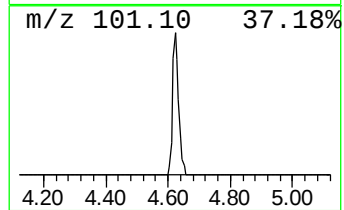
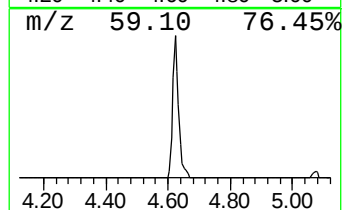
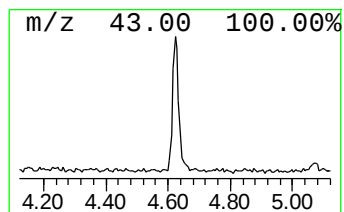
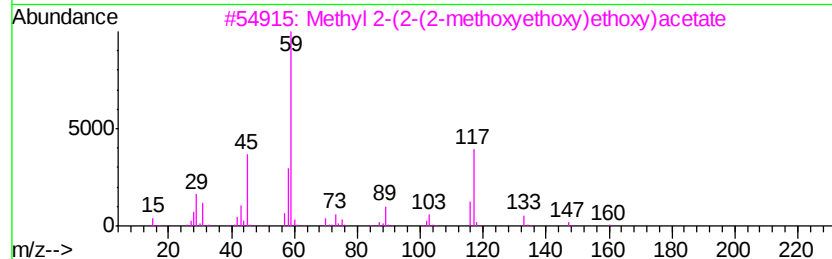
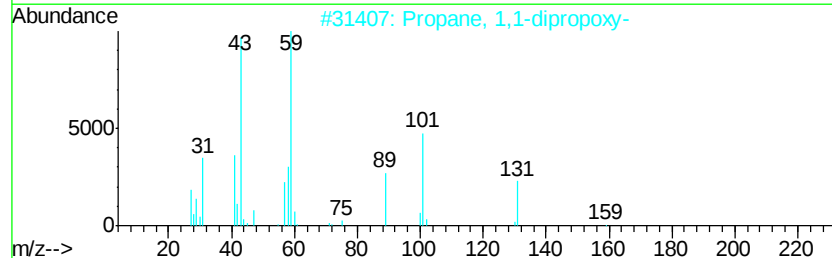
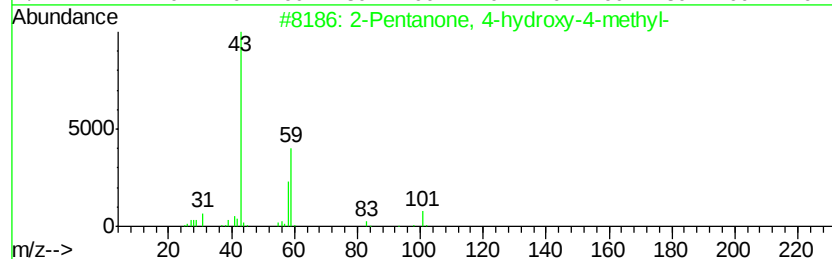
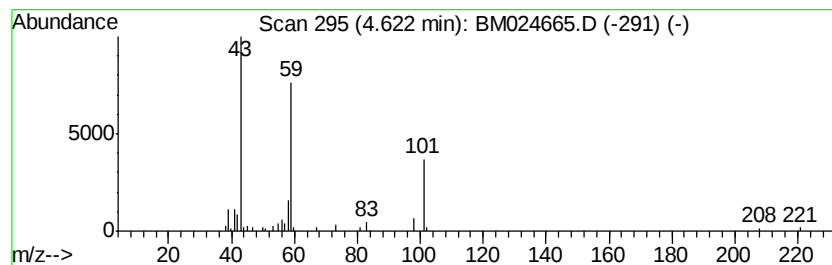
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.62	2.02 ng	92413	1,4-Dichlorobenzene-d4	7.43

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64	
2	Propane, 1,1-dipropoxy-	160	C9H20O2	004744-11-0	39	
3	Methyl 2-(2-(2-methoxyethoxy)ethoxy)acetate	192	C8H16O5	1000366-88-2	33	
4	Butyric acid, 3-bromo-, methyl ester	180	C5H9BrO2	021249-59-2	33	
5	2,5,8,11,14,17-Hexaoxaoctadecane	266	C12H26O6	001191-87-3	33	



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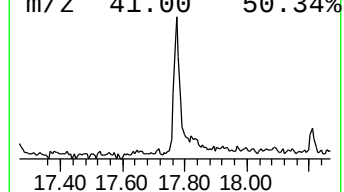
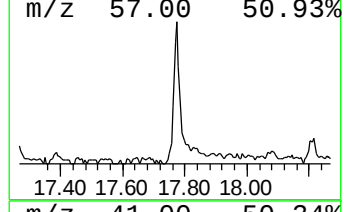
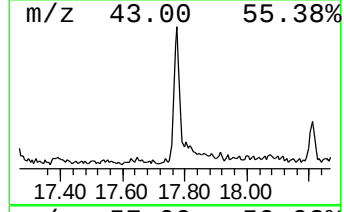
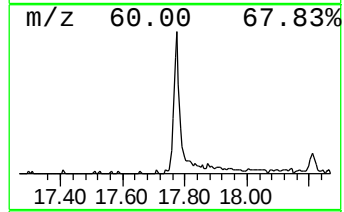
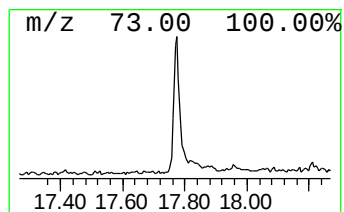
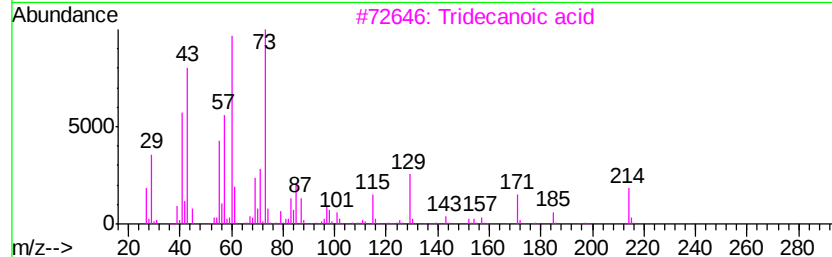
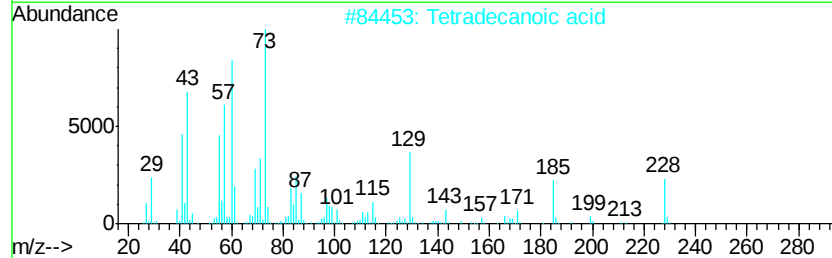
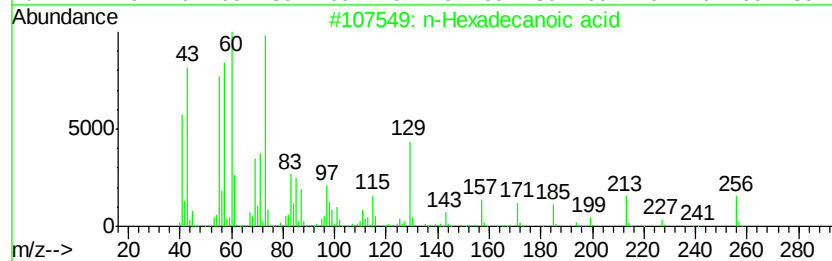
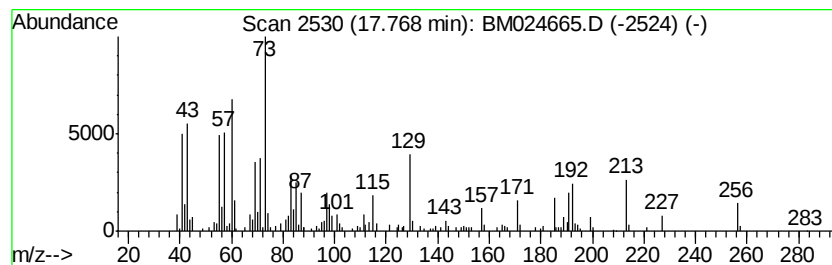
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.77	4.06 ng	417718	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
3	Tridecanoic acid	214	C13H26O2	000638-53-9	86
4	Undecanoic acid	186	C11H22O2	000112-37-8	74
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	72



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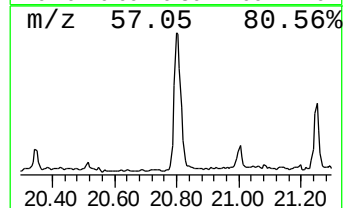
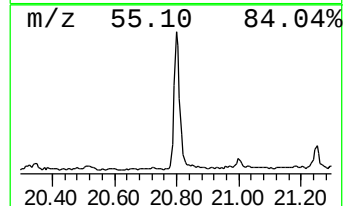
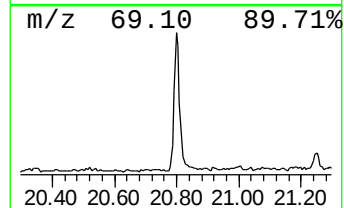
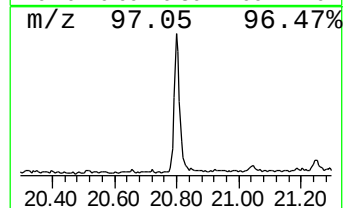
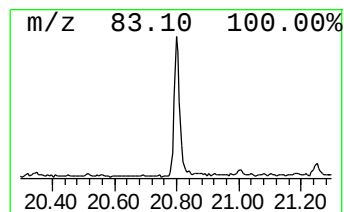
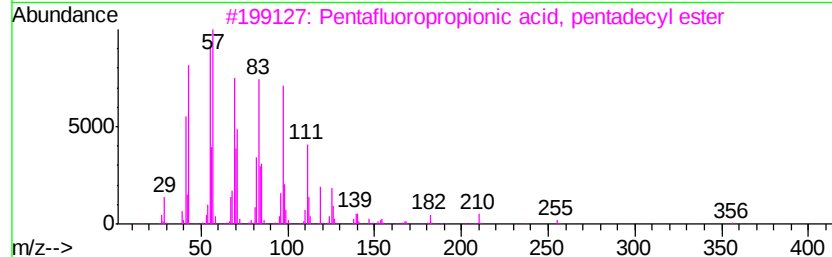
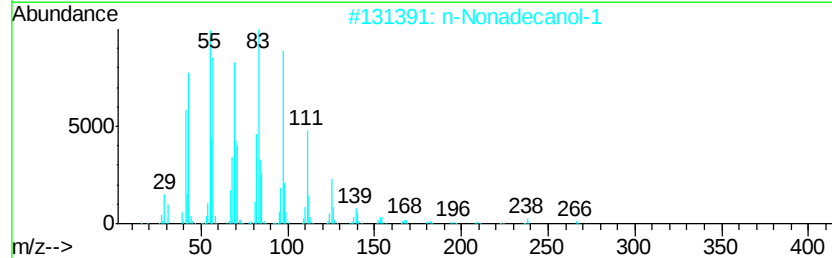
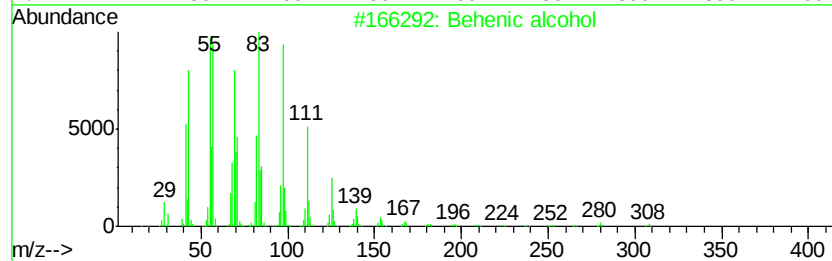
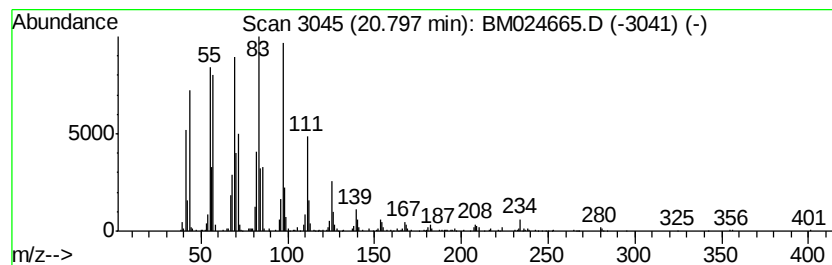
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Peak Number 4 Behenic alcohol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.80	4.42 ng	766073	Chrysene-d12	21.04

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Behenic alcohol	326	C22H46O	000661-19-8	95
2		n-Nonadecanol-1	284	C19H40O	001454-84-8	94
3		Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	91
4		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
5		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91



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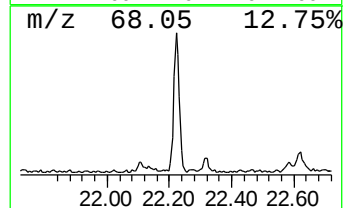
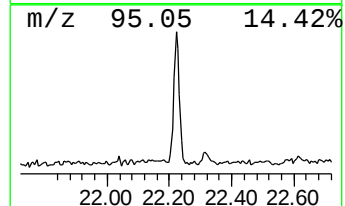
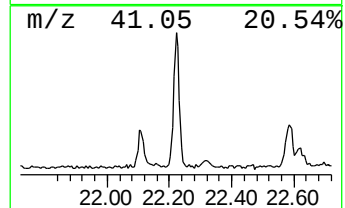
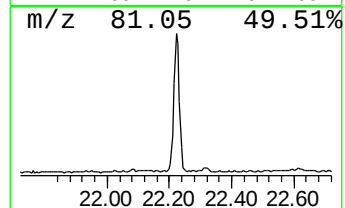
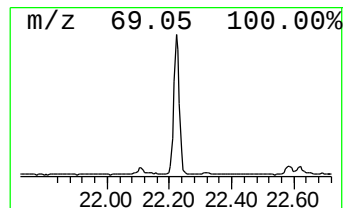
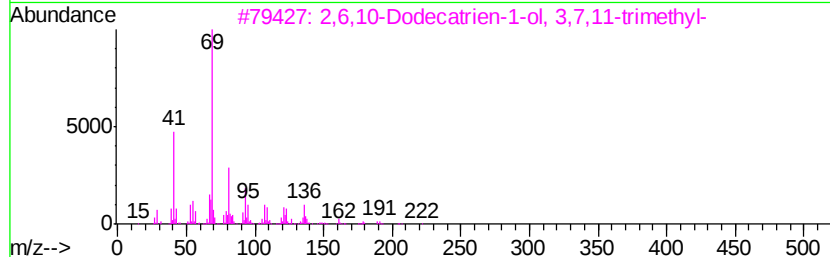
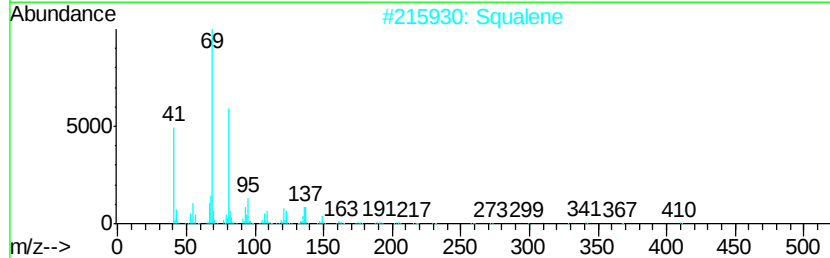
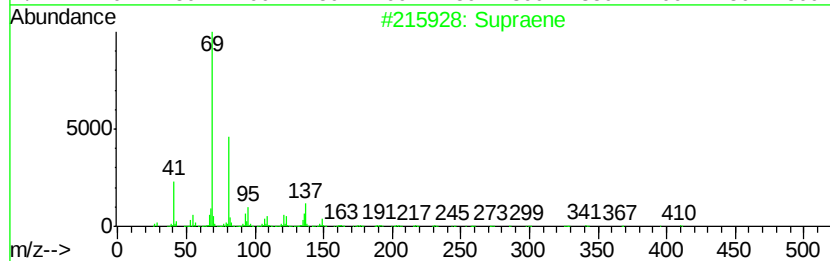
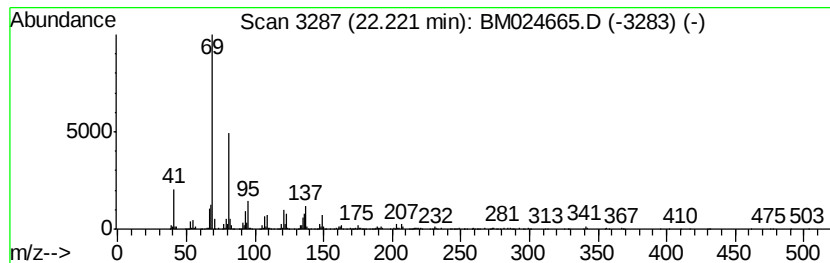
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Peak Number 5 Supraene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.22	5.44 ng	822947	Perylene-d12	23.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Supraene	410	C30H50	007683-64-9	90
2		Squalene	410	C30H50	000111-02-4	90
3		2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	004602-84-0	72
4		1,5,9-Decatriene, 2,3,5,8-tetram...	192	C14H24	230646-72-7	59
5		trans-Farnesol	222	C15H26O	000106-28-5	59



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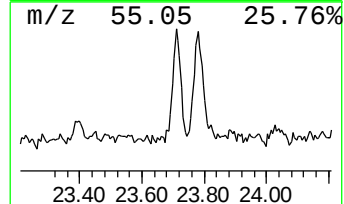
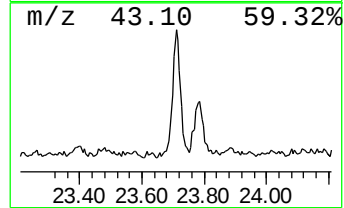
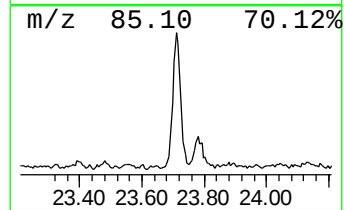
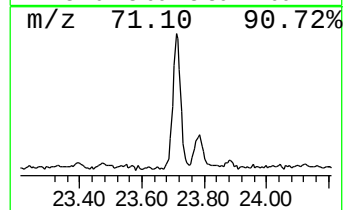
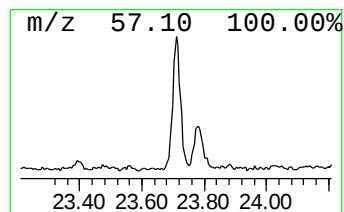
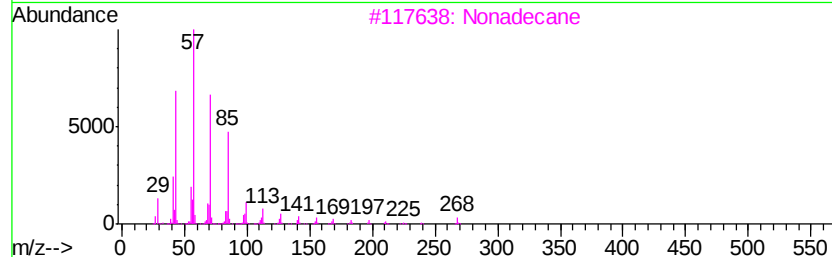
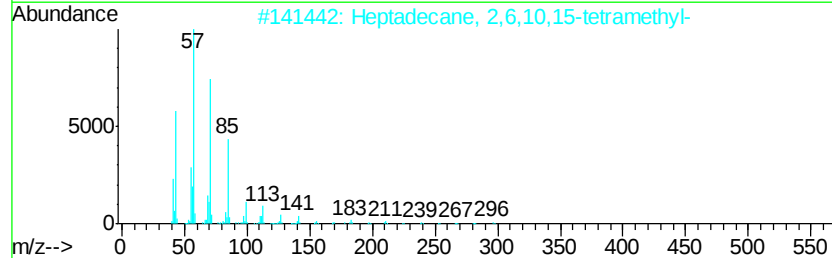
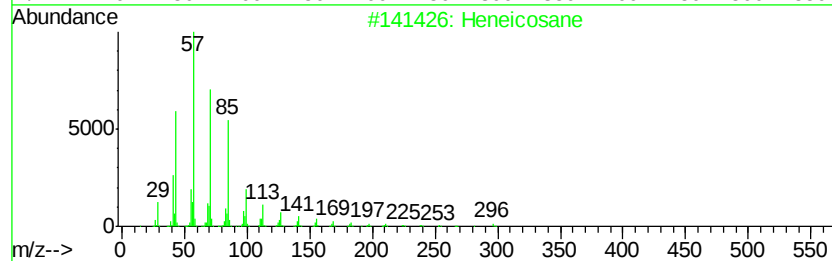
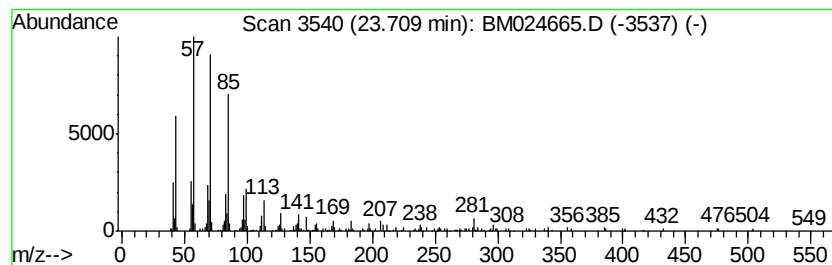
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Peak Number 6 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.71	2.64 ng	399099	Perylene-d12	23.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	98
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
3		Nonadecane	268	C19H40	000629-92-5	93
4		Hentriacontane	437	C31H64	000630-04-6	90
5		Octadecane, 2-methyl-	268	C19H40	001560-88-9	90



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.62	2.0	ng	92413	1	7.43	915448	20.0
n-Hexadecanoic acid	17.77	4.1	ng	417718	4	16.83	2059170	20.0
Behenic alcohol	20.80	4.4	ng	766073	5	21.04	3466220	20.0
Supraene	22.22	5.4	ng	822947	6	23.15	3023280	20.0
Heneicosane	23.71	2.6	ng	399099	6	23.15	3023280	20.0