

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041023\
 Data File : BM039382.D
 Acq On : 10 Apr 2023 17:58
 Operator : CG/JU
 Sample : 02260-13
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SP-1E

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-BM032923.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM039382.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.957	295	301	318	rBV	1311792	1816807	34.29%	4.475%
2	5.428	375	381	399	rBV	2427457	3724774	70.31%	9.174%
3	7.040	648	655	679	rBV	2362549	4070144	76.83%	10.025%
4	7.869	789	796	815	rBV	791283	1375455	25.96%	3.388%
5	9.039	987	995	1019	rBV	1203484	2301482	43.44%	5.669%
6	10.675	1265	1273	1288	rBV	975811	1863407	35.17%	4.590%
7	13.145	1685	1693	1708	rBV	3245318	5102547	96.32%	12.568%
8	14.521	1920	1927	1935	rBV	1548286	2358219	44.51%	5.808%
9	14.580	1935	1937	1947	rVB2	36490	62854	1.19%	0.155%
10	15.886	2152	2159	2174	rBV	127496	218858	4.13%	0.539%
11	16.010	2174	2180	2201	rBV	2380836	3687147	69.60%	9.082%
12	17.268	2388	2394	2399	rBV	1626411	2403836	45.38%	5.921%
13	17.309	2399	2401	2412	rVV	216587	334649	6.32%	0.824%
14	17.404	2412	2417	2422	rVB	31821	56577	1.07%	0.139%
15	18.168	2541	2547	2557	rBV2	300917	598733	11.30%	1.475%
16	18.592	2615	2619	2625	rBV	57231	68644	1.30%	0.169%
17	19.333	2740	2745	2754	rVB	199178	293827	5.55%	0.724%
18	19.445	2760	2764	2781	rBV	131102	298179	5.63%	0.734%
19	19.692	2803	2806	2815	rVB	145084	234473	4.43%	0.578%
20	19.898	2835	2841	2857	rBV	4167174	5297601	100.00%	13.048%
21	21.162	3053	3056	3064	rBV	215184	310019	5.85%	0.764%
22	21.456	3101	3106	3111	rBV	1468151	2129129	40.19%	5.244%
23	23.844	3506	3512	3523	rBV2	968365	1993247	37.63%	4.909%

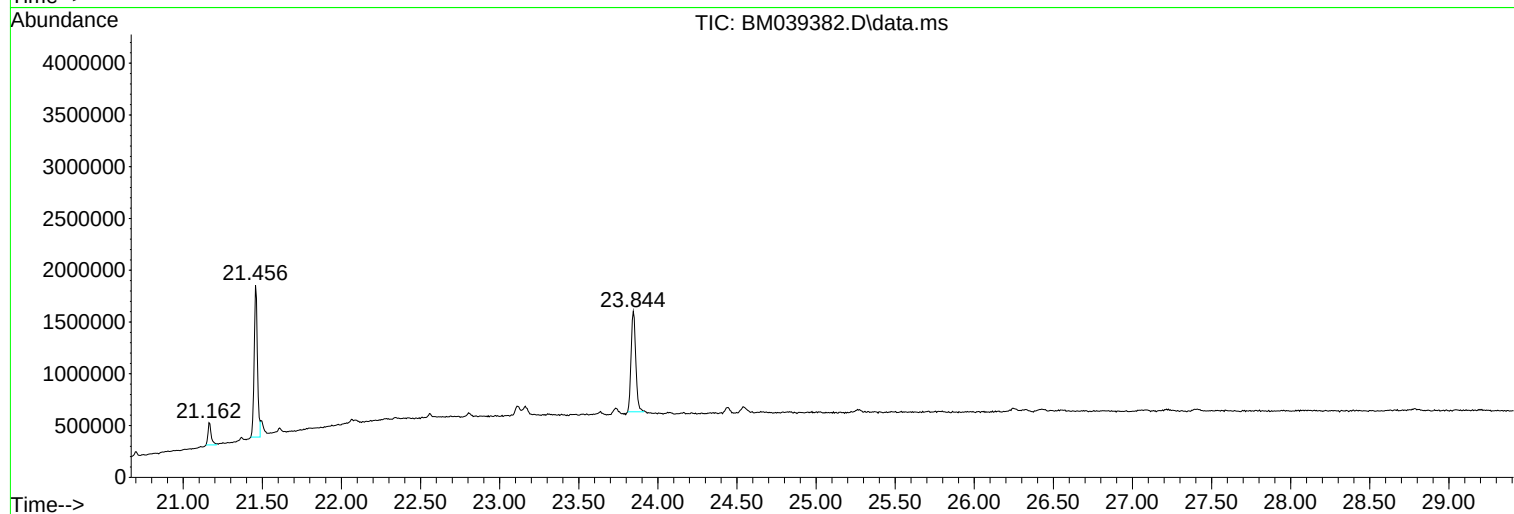
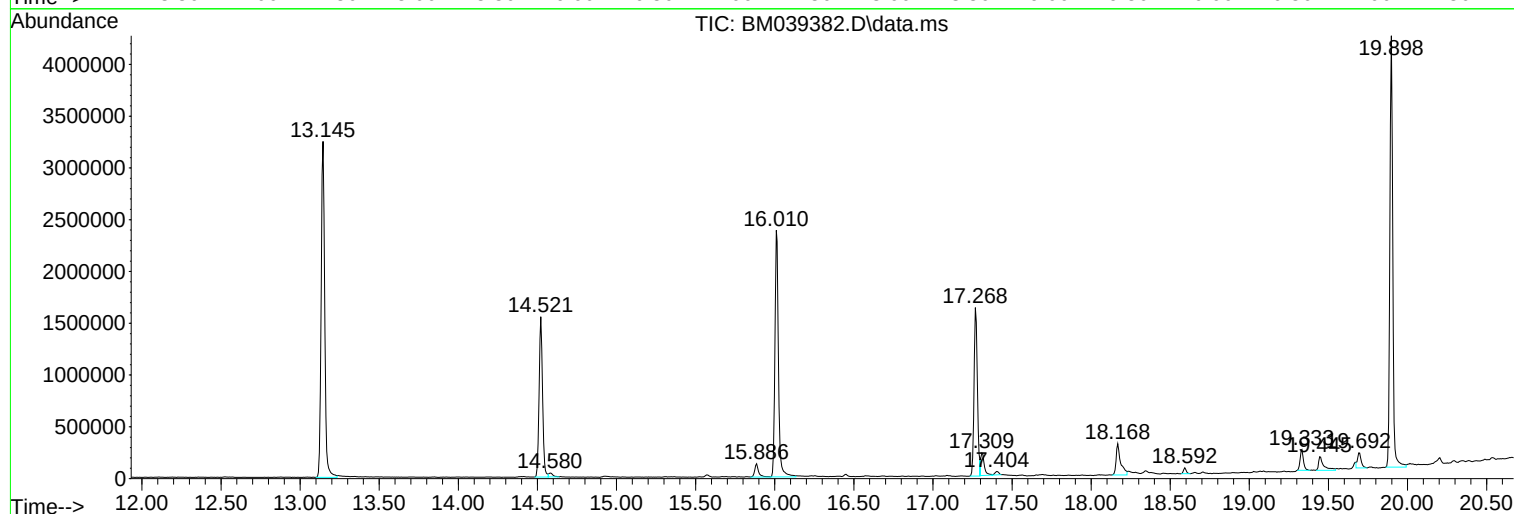
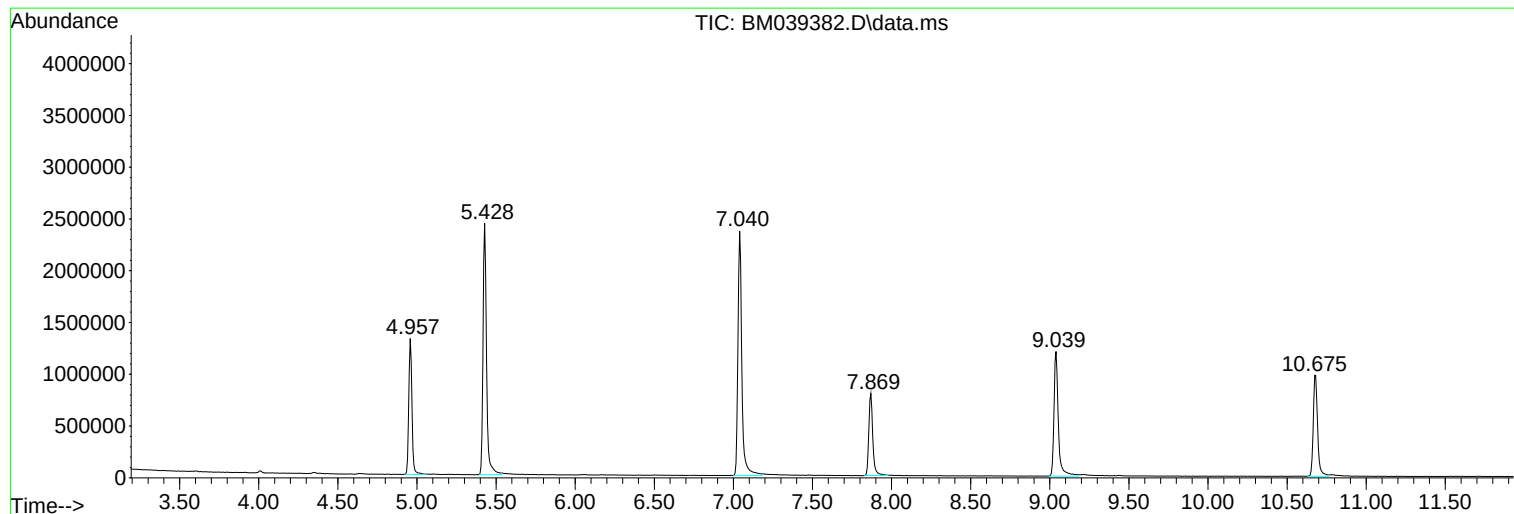
Sum of corrected areas: 40600608

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.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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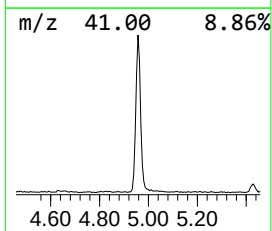
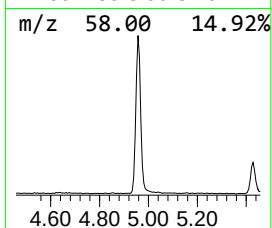
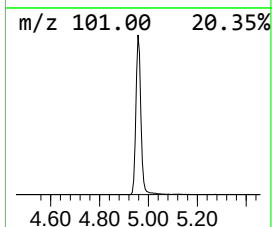
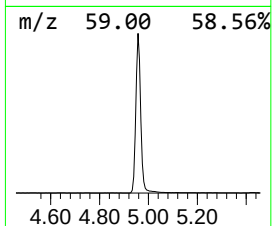
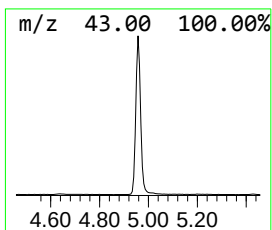
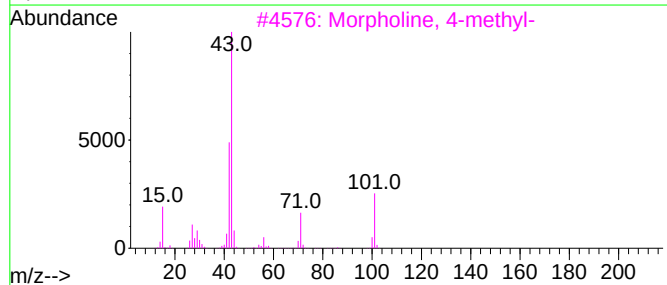
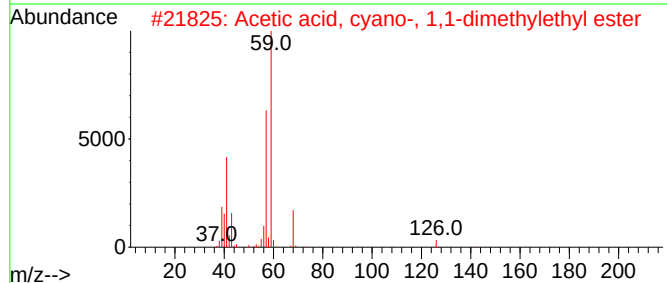
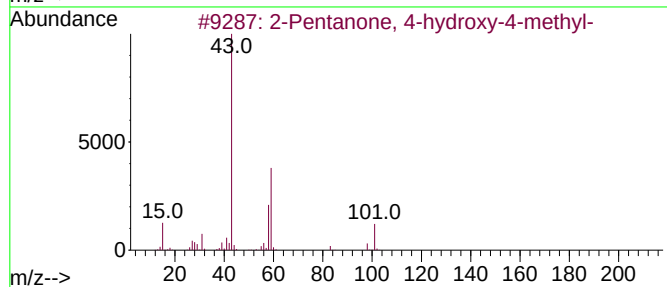
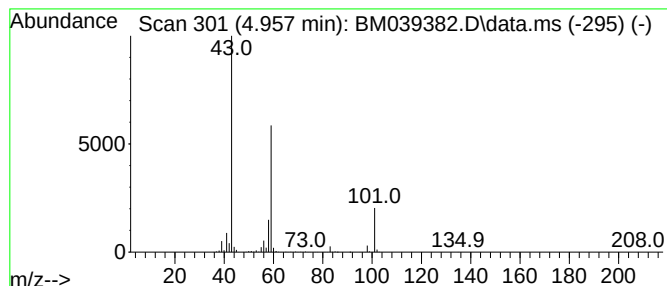
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.957	26.42 ng	1816810	1,4-Dichlorobenzene-d4	7.869

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72		
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17		
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9		
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9		
5	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	9		



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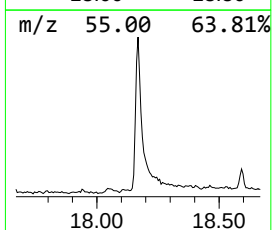
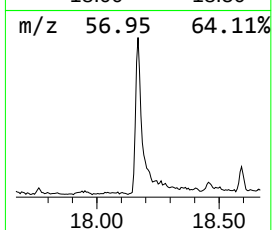
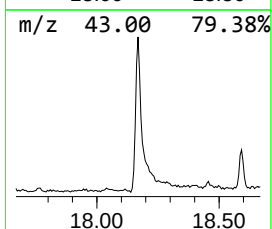
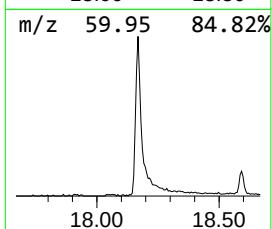
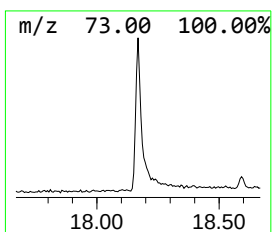
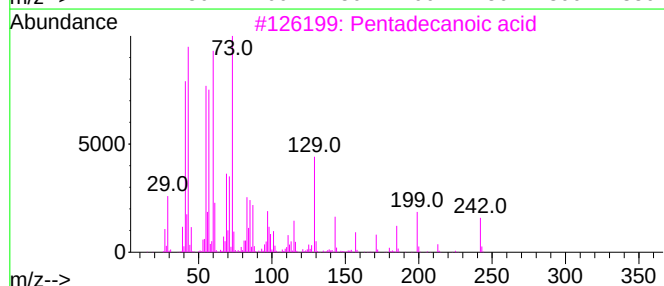
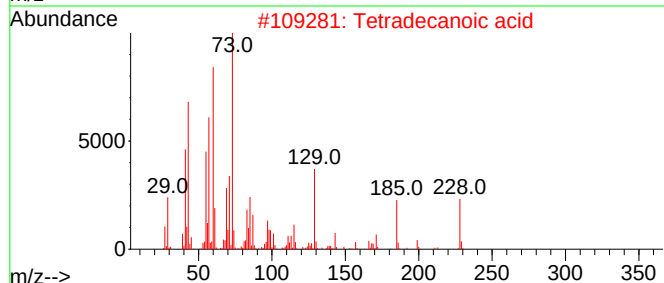
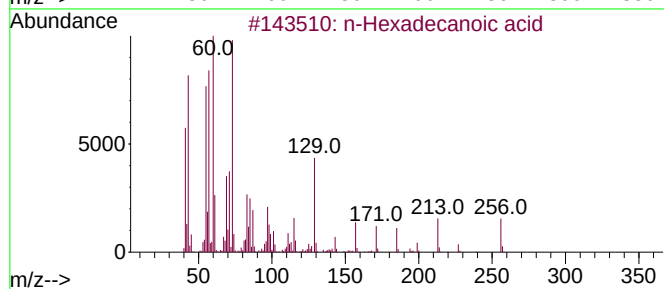
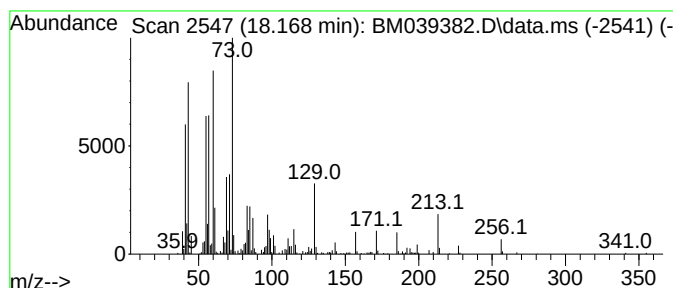
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TIC Library : C:\Database\NIST20.L
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.168	4.98 ng	598733	Phenanthrene-d10	17.268

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	94
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4			Tridecanoic acid	214	C13H26O2	000638-53-9	87
5			Octadecanoic acid	284	C18H36O2	000057-11-4	60



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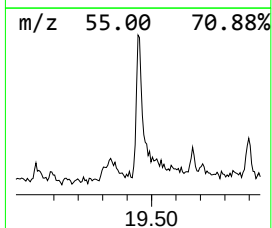
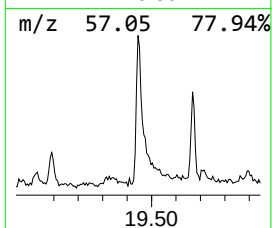
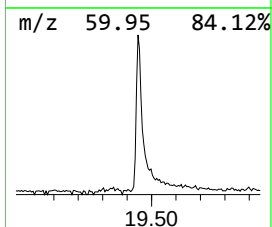
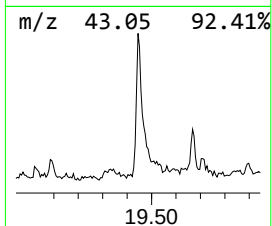
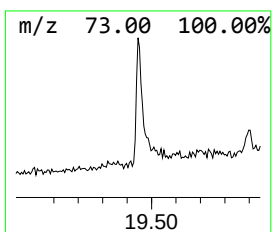
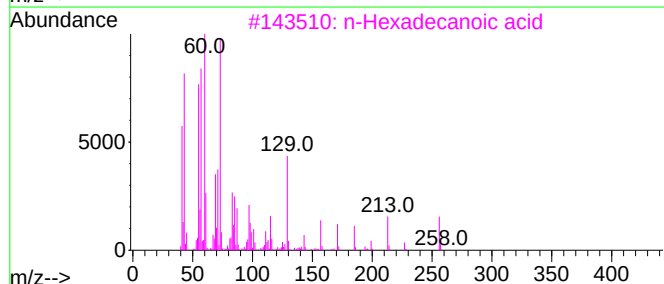
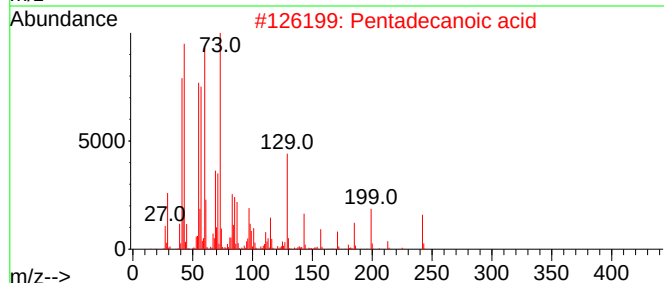
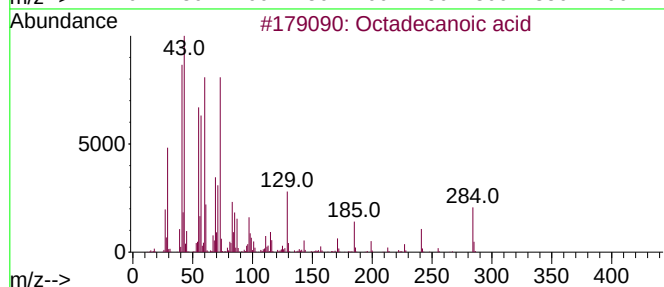
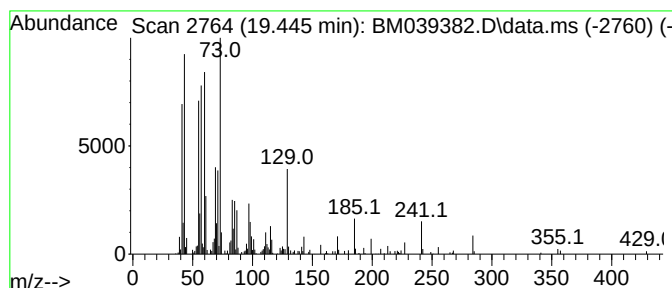
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Peak Number 4 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.445	2.80 ng	298179	Chrysene-d12	21.456

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	94
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
4			Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	90
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	87



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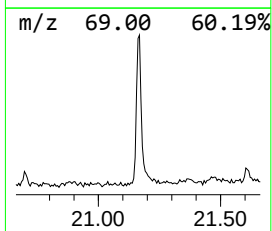
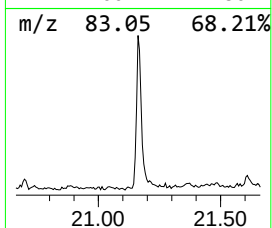
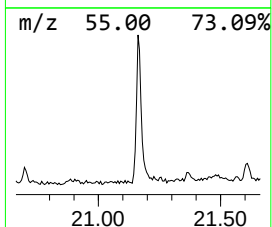
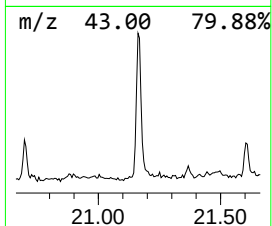
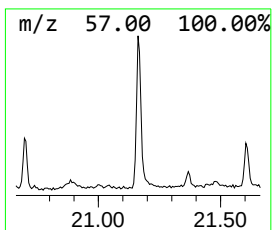
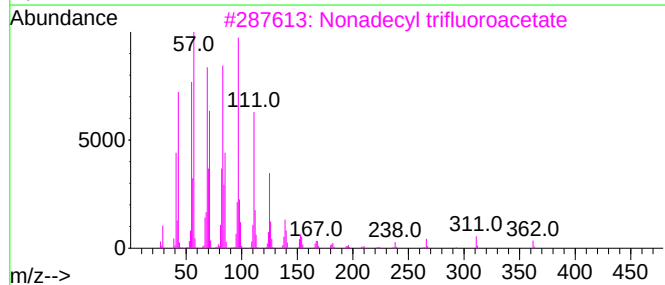
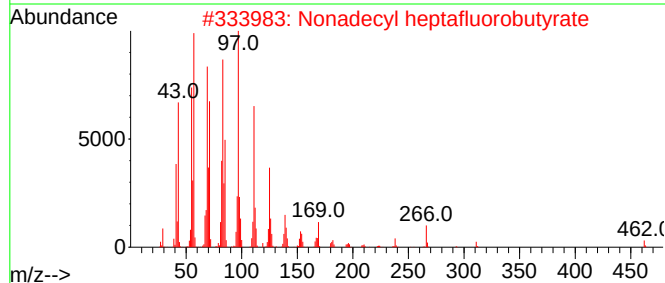
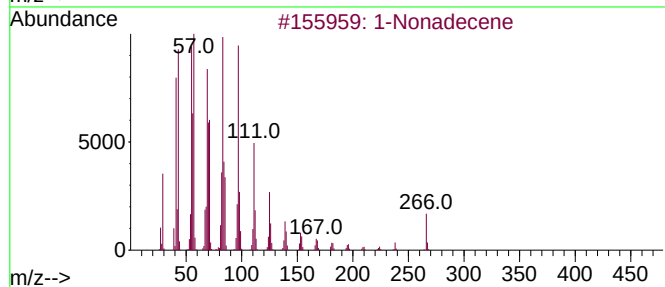
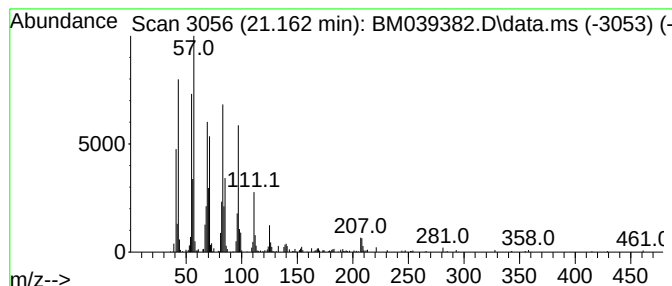
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Peak Number 5 1-Nonadecene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.162	2.91 ng	310019	Chrysene-d12	21.456

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene			266	C19H38	018435-45-5	91
2	Nonadecyl heptafluorobutyrate			480	C23H39F7O2	1000351-83-9	91
3	Nonadecyl trifluoroacetate			380	C21H39F3O2	1000351-76-3	91
4	Nonadecyl pentafluoropropionate			430	C22H39F5O2	1000351-88-8	91
5	Octacosanol			410	C28H58O	000557-61-9	90



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	4.957	26.4	ng	1816810	1	7.869	1375460	20.0
n-Hexadecanoic ...	18.168	5.0	ng	598733	4	17.268	2403840	20.0
Octadecanoic acid	19.445	2.8	ng	298179	5	21.456	2129130	20.0
1-Nonadecene	21.162	2.9	ng	310019	5	21.456	2129130	20.0