

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032123\
 Data File : BM039082.D
 Acq On : 21 Mar 2023 23:22
 Operator : CG/JU
 Sample : 02018-01 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DAHMER-ROCKY-SOIL

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-BM030823.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM039082.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.051	294	300	309	rVB	1134011	1513991	28.50%	2.786%
2	5.381	351	356	366	rBV4	28703	69726	1.31%	0.128%
3	5.516	373	379	390	rVB	2669034	3770309	70.98%	6.938%
4	6.640	564	570	575	rVB3	34340	74653	1.41%	0.137%
5	6.945	617	622	626	rBV4	43912	72142	1.36%	0.133%
6	7.122	644	652	662	rBV	2424366	3745105	70.51%	6.892%
7	7.963	788	795	802	rBV	1781308	2786441	52.46%	5.128%
8	8.528	883	891	895	rBV7	24681	55980	1.05%	0.103%
9	9.128	986	993	1002	rBV	1429255	2394201	45.07%	4.406%
10	9.292	1017	1021	1028	rVB2	36159	55900	1.05%	0.103%
11	10.081	1150	1155	1164	rVB4	33523	69239	1.30%	0.127%
12	10.775	1265	1273	1280	rBV	2154746	3653728	68.79%	6.724%
13	11.563	1400	1407	1412	rBV4	27576	58073	1.09%	0.107%
14	13.227	1682	1690	1700	rBV	2934848	4400131	82.84%	8.097%
15	14.327	1871	1877	1884	rBV	97928	181008	3.41%	0.333%
16	14.439	1890	1896	1903	rBV7	32612	75450	1.42%	0.139%
17	14.604	1915	1924	1933	rBV	2727440	4031278	75.90%	7.419%
18	15.010	1988	1993	1999	rVB5	36979	65308	1.23%	0.120%
19	15.598	2090	2093	2098	rVB3	45269	53990	1.02%	0.099%
20	15.651	2098	2102	2112	rVB2	28227	67750	1.28%	0.125%
21	15.957	2150	2154	2161	rVB	52427	74385	1.40%	0.137%
22	16.086	2170	2176	2187	rBV	1923086	2815607	53.01%	5.182%
23	16.321	2211	2216	2223	rBV5	49665	115946	2.18%	0.213%
24	16.745	2284	2288	2295	rVB7	43138	77679	1.46%	0.143%
25	17.351	2385	2391	2395	rBV	2847170	4060674	76.45%	7.473%
26	17.392	2395	2398	2403	rVB	336374	428792	8.07%	0.789%
27	17.480	2409	2413	2417	rBV	134981	183525	3.46%	0.338%
28	18.015	2501	2504	2507	rBV4	42767	53803	1.01%	0.099%
29	18.056	2508	2511	2518	rVB4	53039	75562	1.42%	0.139%
30	18.239	2537	2542	2547	rBV	569412	956998	18.02%	1.761%
31	18.421	2568	2573	2576	rBV3	104636	187490	3.53%	0.345%
32	18.521	2587	2590	2596	rBV4	80939	138107	2.60%	0.254%
33	19.139	2692	2695	2698	rBV2	91682	132937	2.50%	0.245%
34	19.403	2735	2740	2747	rBV	918170	1236529	23.28%	2.276%
35	19.515	2756	2759	2763	rBV	207247	278913	5.25%	0.513%
36	19.768	2798	2802	2810	rVB	796092	1228747	23.13%	2.261%

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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

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	19.839	2811	2814	2819	rVB2	182967	236129	4.45%	0.435%
38	19.968	2831	2836	2841	rBV	3542074	4246607	79.95%	7.815%
39	20.733	2963	2966	2970	rBV	427179	505031	9.51%	0.929%
40	21.233	3049	3051	3059	rVB4	542265	643992	12.12%	1.185%
41	21.527	3095	3101	3105	rBV2	3630001	5311623	100.00%	9.775%
42	23.962	3511	3515	3521	rVB2	2169984	4155909	78.24%	7.648%

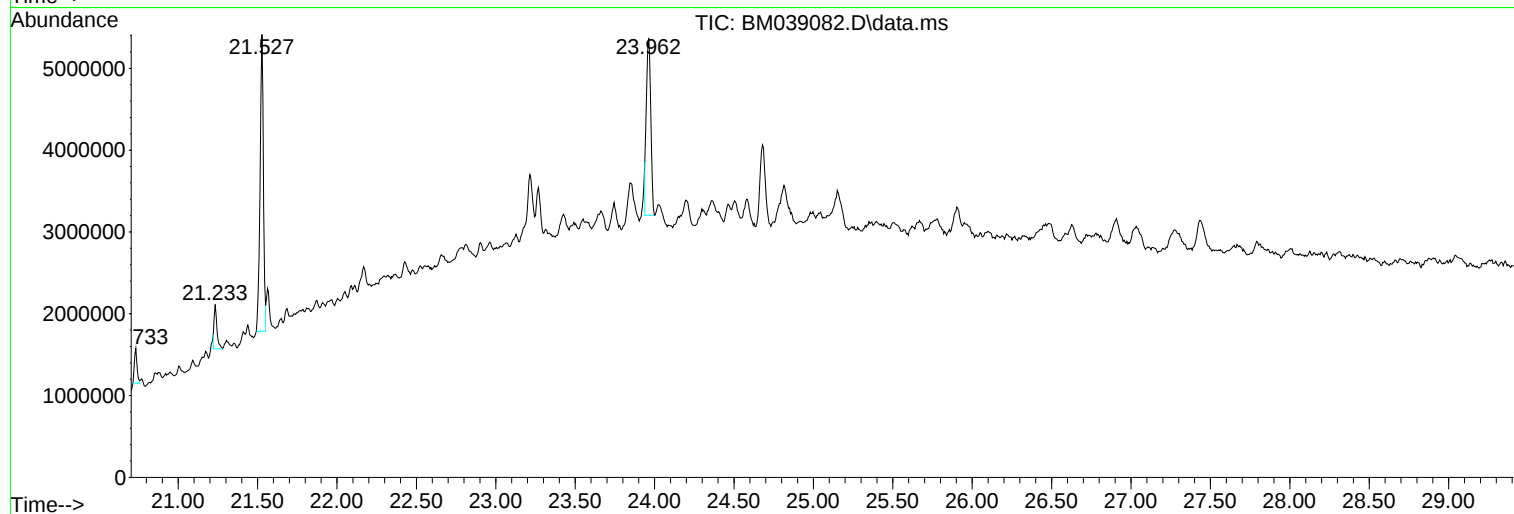
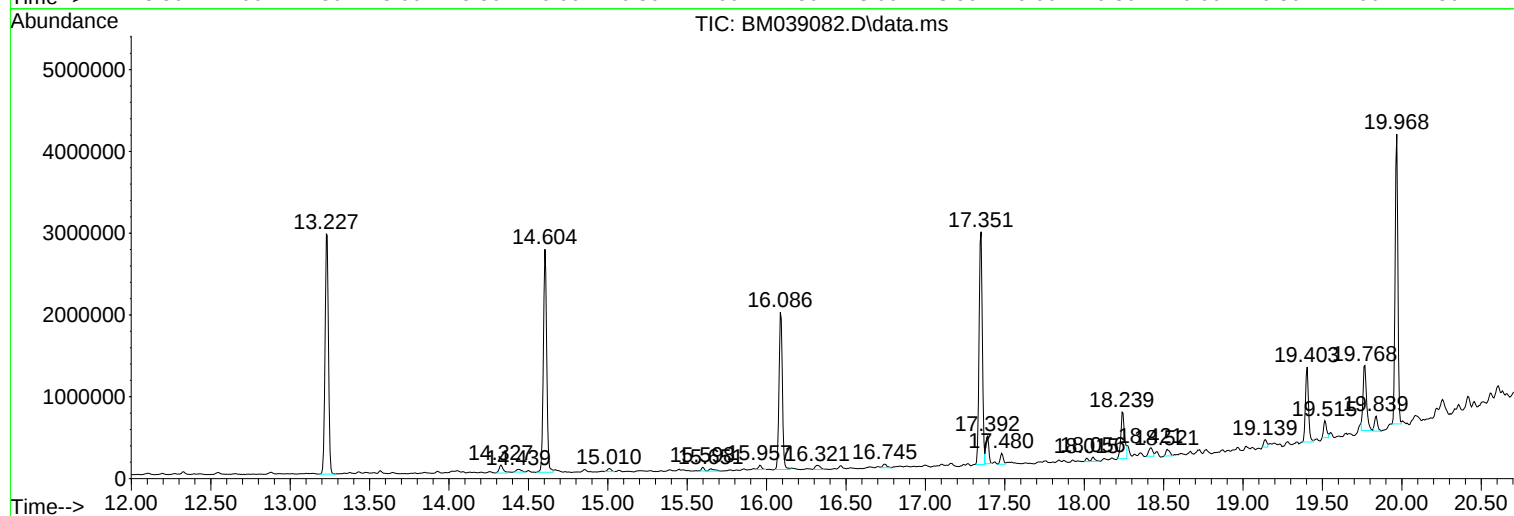
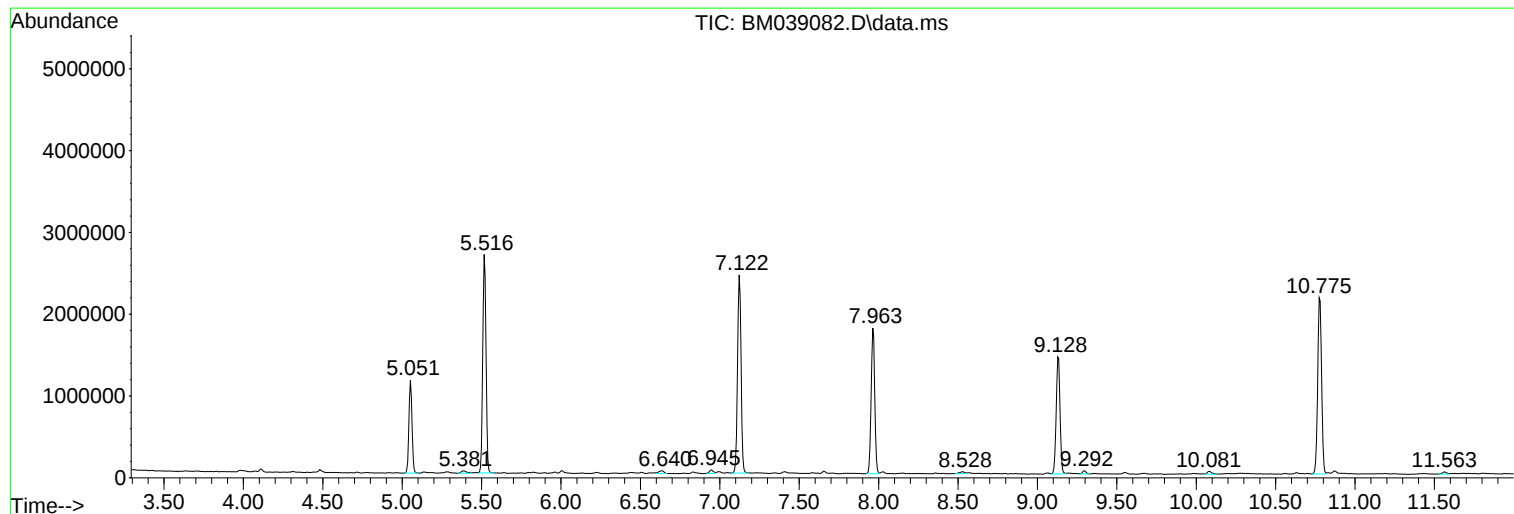
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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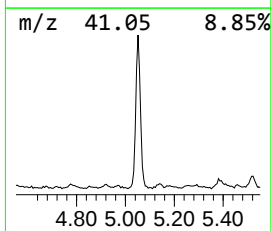
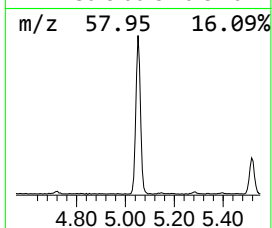
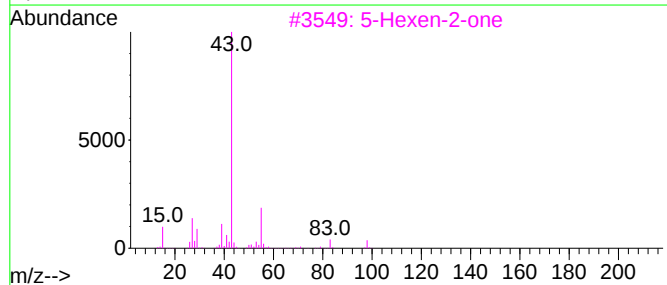
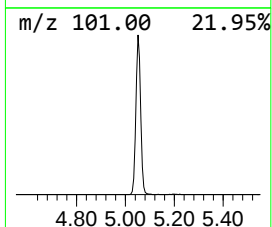
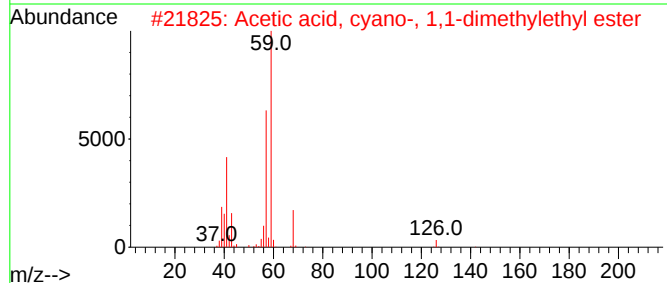
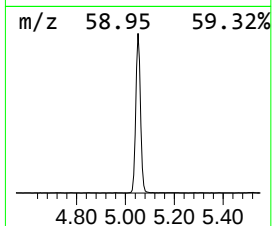
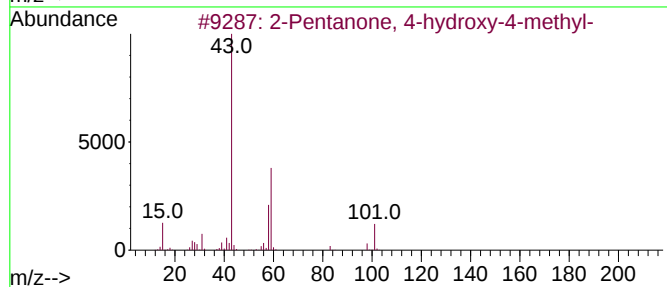
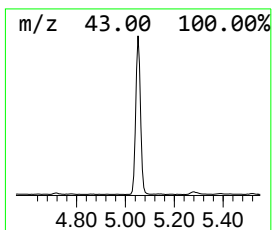
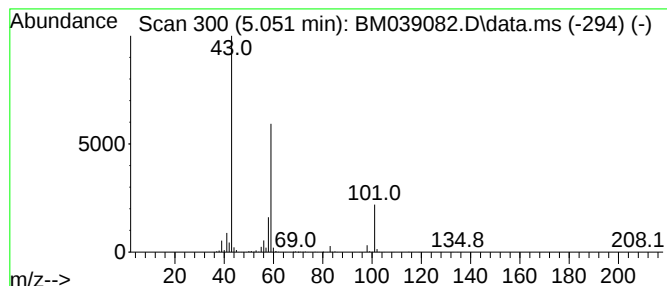
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
5.051	10.87 ng	1513990	1,4-Dichlorobenzene-d4	7.963

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	23
3			5-Hexen-2-one	98	C6H10O	000109-49-9	9
4			(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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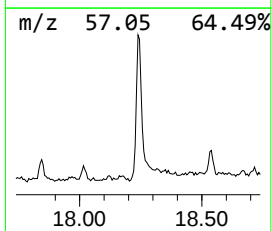
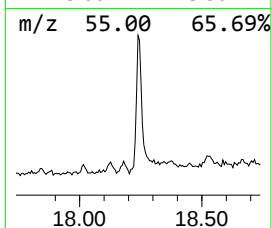
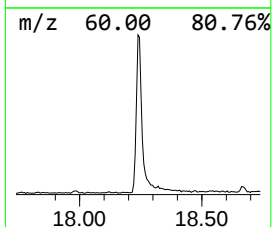
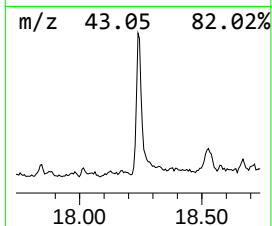
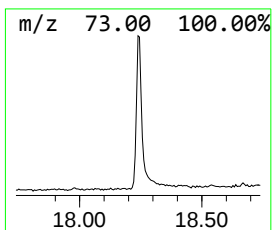
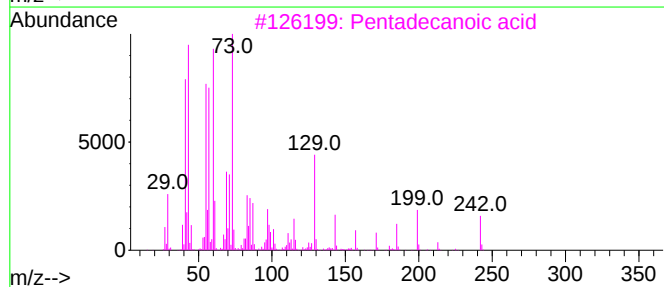
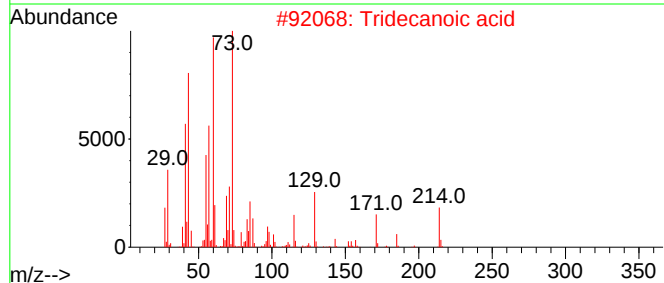
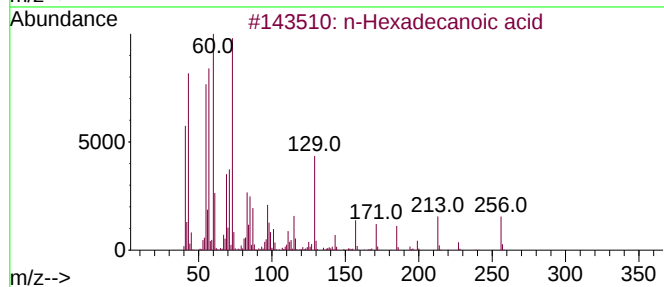
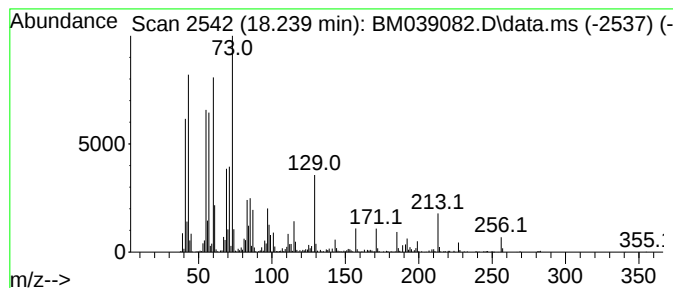
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.239	4.71 ng	956998	Phenanthrene-d10	17.351

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	93
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	86
5			8-Methylnonanoic acid	172	C10H20O2	005963-14-4	64



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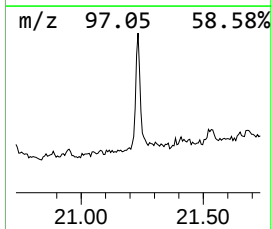
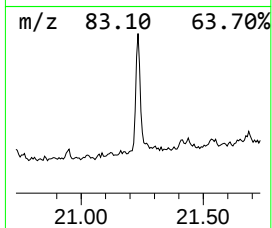
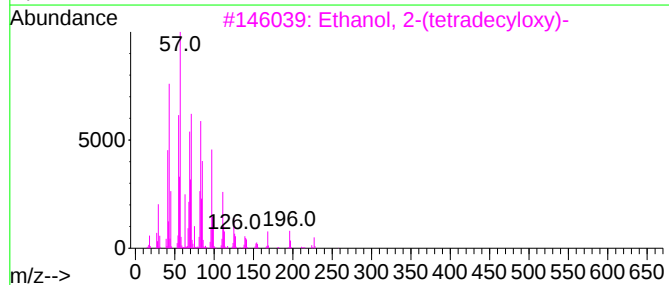
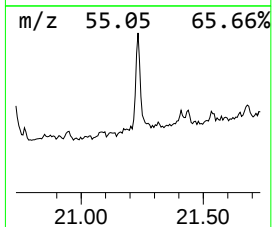
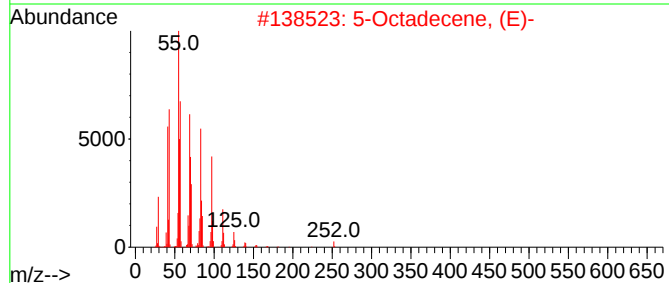
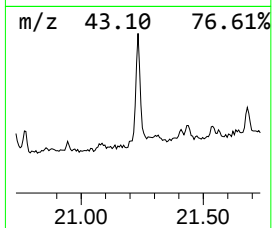
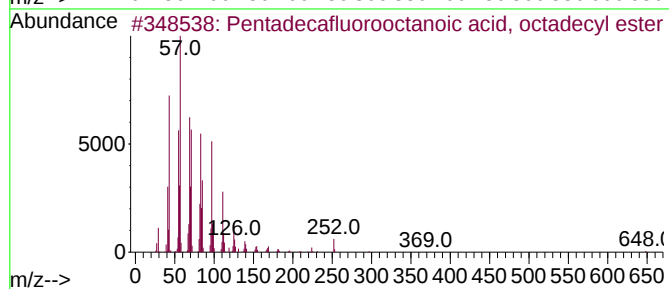
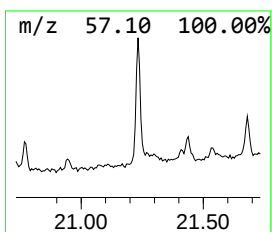
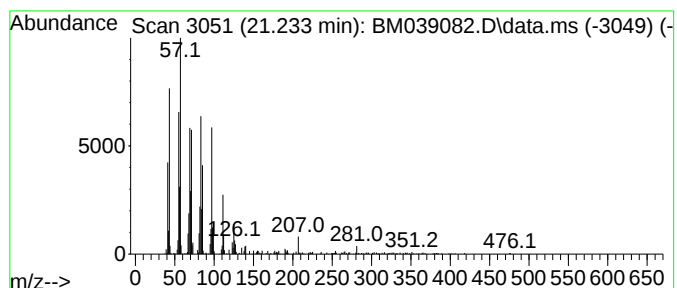
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TIC Library : C:\Database\NIST20.L
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Peak Number 3 Pentadecafluorooctanoic aci... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.233	2.42 ng	643992	Chrysene-d12	21.527

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	94
2			5-Octadecene, (E)-	252	C18H36	007206-21-5	90
3			Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	90
4			1-Tetracosene	336	C24H48	010192-32-2	89
5			Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	89



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	5.051	10.9	ng	1513990	1	7.963	2786440	20.0
n-Hexadecanoic ...	18.239	4.7	ng	956998	4	17.351	4060670	20.0
Pentadecafluoro...	21.233	2.4	ng	643992	5	21.527	5311620	20.0