

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020217\
 Data File : BM008957.D
 Acq On : 02 Feb 2017 12:04
 Operator : SJ/MA
 Sample : I1449-11
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 H0FJ2

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 1 % 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:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM013017.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.369	129	133	139	rBV2	22146	34701	1.80%	0.161%
2	7.063	753	761	771	rBV2	406931	803926	41.66%	3.737%
3	7.239	786	791	801	rVB	244662	389270	20.17%	1.809%
4	7.439	819	825	833	rBV	404154	623291	32.30%	2.897%
5	7.910	899	905	912	rBV	324295	524267	27.17%	2.437%
6	8.604	1015	1023	1030	rBV2	429991	694893	36.01%	3.230%
7	9.081	1095	1104	1111	rBV	398291	670001	34.72%	3.114%
8	9.798	1219	1226	1233	rVB	352673	571593	29.62%	2.657%
9	10.328	1309	1316	1323	rBV2	449274	741950	38.45%	3.449%
10	10.716	1374	1382	1390	rVB2	382358	641601	33.25%	2.982%
11	10.851	1398	1405	1417	rVB	401566	675055	34.98%	3.138%
12	13.957	1926	1933	1937	rBV	748723	1033819	53.58%	4.805%
13	14.004	1937	1941	1945	rVB	104129	140175	7.26%	0.652%
14	14.245	1975	1982	1989	rBV	731428	1030507	53.41%	4.790%
15	14.551	2028	2034	2041	rBV	540808	793405	41.12%	3.688%
16	14.733	2058	2065	2076	rBV	415306	618146	32.04%	2.873%
17	15.380	2170	2175	2181	rVB3	29265	43350	2.25%	0.201%
18	15.545	2196	2203	2209	rBV	911432	1292979	67.01%	6.010%
19	15.657	2214	2222	2229	rBV	380566	530968	27.52%	2.468%
20	15.780	2238	2243	2248	rVB3	16912	26146	1.36%	0.122%
21	16.239	2316	2321	2329	rBV	38486	61843	3.20%	0.287%
22	17.033	2451	2456	2460	rBV2	29817	39476	2.05%	0.183%
23	17.298	2495	2501	2506	rBV	709068	962477	49.88%	4.474%
24	17.398	2512	2518	2524	rBV	1043086	1456513	75.48%	6.770%
25	18.168	2640	2649	2654	rBV2	161509	228377	11.84%	1.062%
26	19.303	2837	2842	2843	rBV5	14507	19777	1.02%	0.092%
27	19.439	2860	2865	2870	rBV	125400	169563	8.79%	0.788%
28	19.686	2901	2907	2913	rBV	1207455	1675084	86.81%	7.786%
29	20.586	3057	3060	3064	rVB2	72581	79973	4.14%	0.372%
30	20.680	3074	3076	3082	rBV7	17570	31792	1.65%	0.148%
31	21.156	3153	3157	3163	rBV3	102562	139213	7.21%	0.647%
32	21.462	3204	3209	3215	rBV	902111	1220017	63.23%	5.671%
33	22.533	3387	3391	3402	rVB	148884	361575	18.74%	1.681%
34	23.668	3577	3584	3593	rVB	1006915	1929588	100.00%	8.969%

LSC Area Percent Report

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Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % 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 >
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35	23.821	3603	3610	3618	rVB2	620491	1258971	65.25%	5.852%
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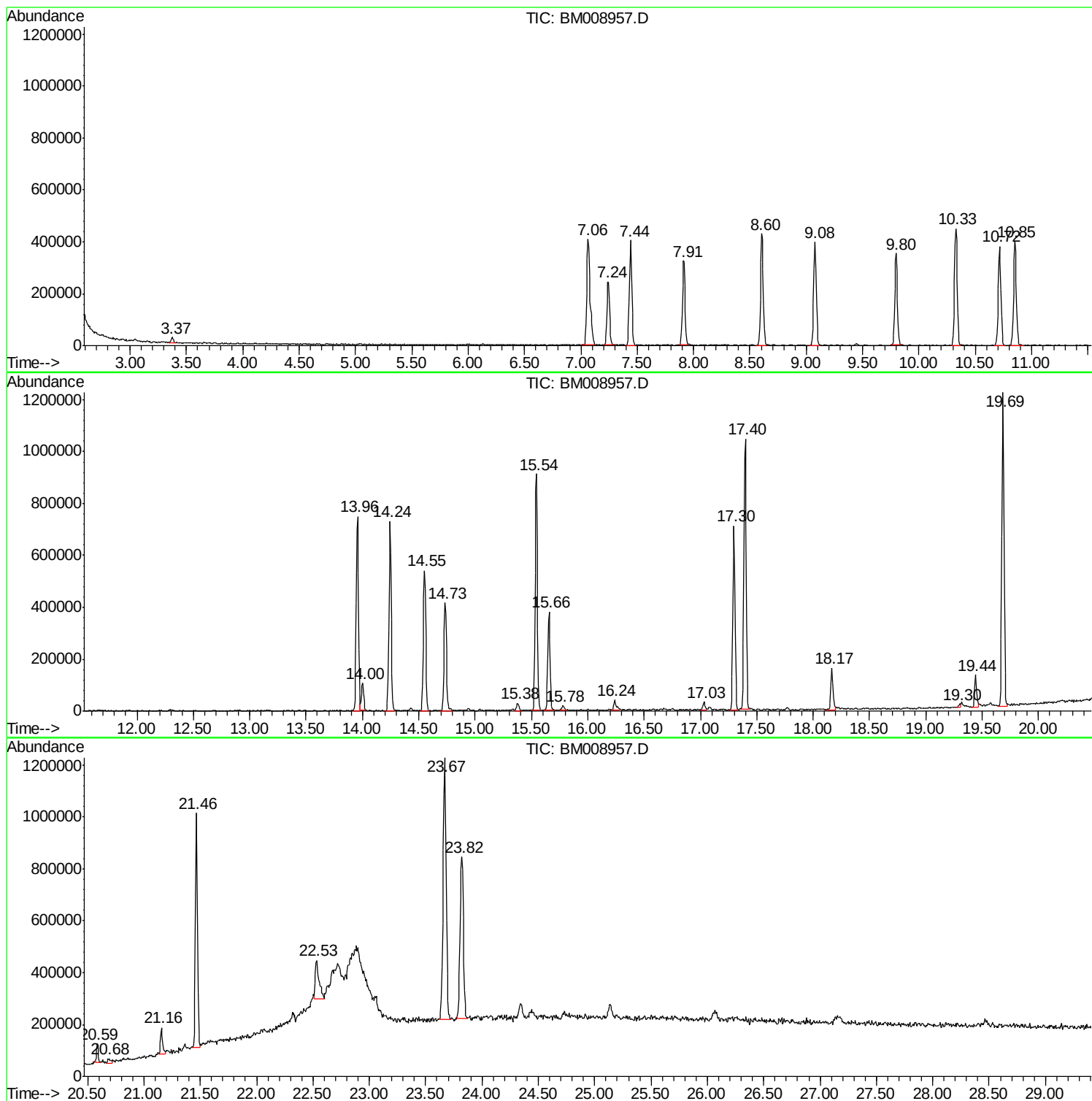
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM013017.M
Quant Title : SVOA CALIBRATION

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



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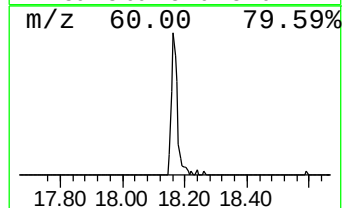
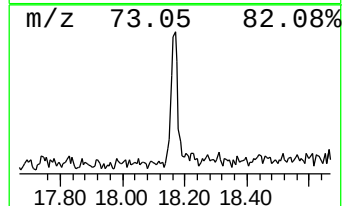
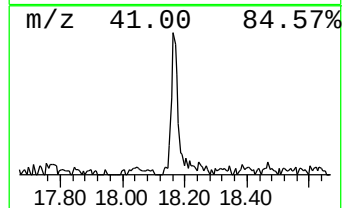
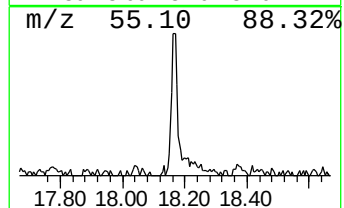
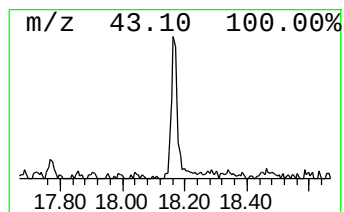
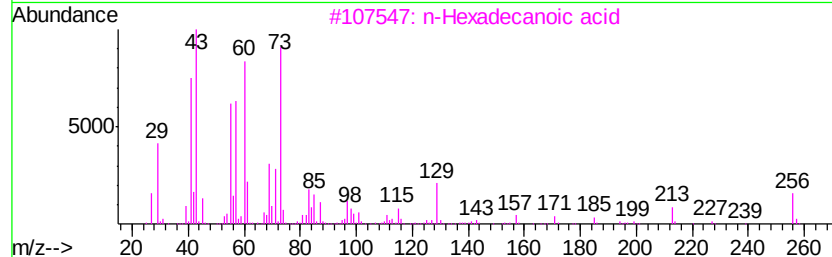
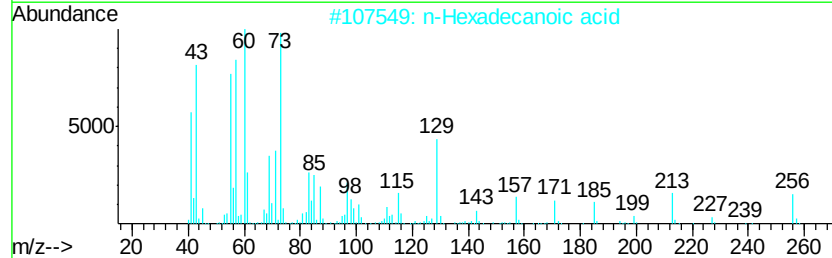
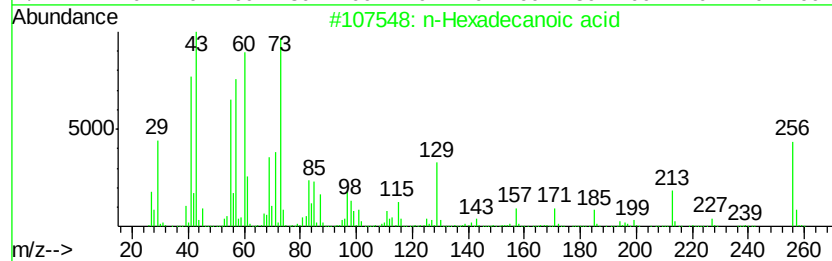
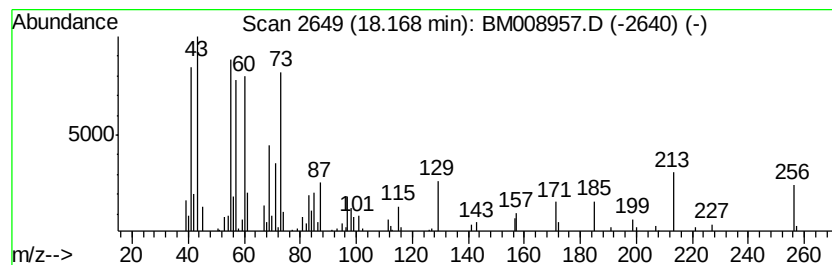
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.17	4.75 ng/ul	228377	Phenanthrene-d10	17.30
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	n-Hexadecanoic acid	256 C16H32O2	000057-10-3	97
2	n-Hexadecanoic acid	256 C16H32O2	000057-10-3	96
3	n-Hexadecanoic acid	256 C16H32O2	000057-10-3	81
4	Pentadecanoic acid	242 C15H30O2	001002-84-2	68
5	Dodecanoic acid	200 C12H24O2	000143-07-7	64



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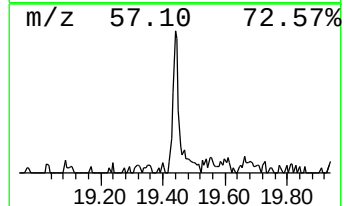
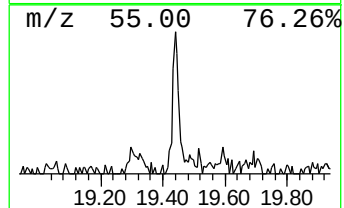
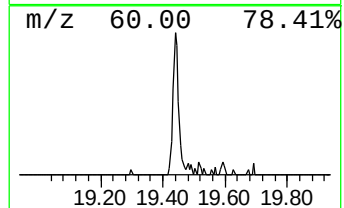
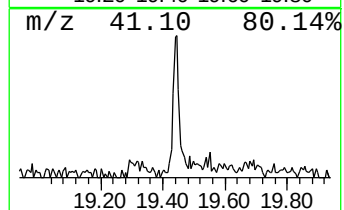
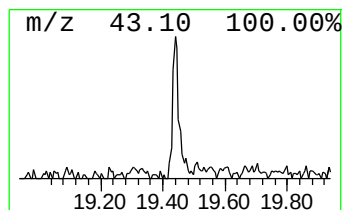
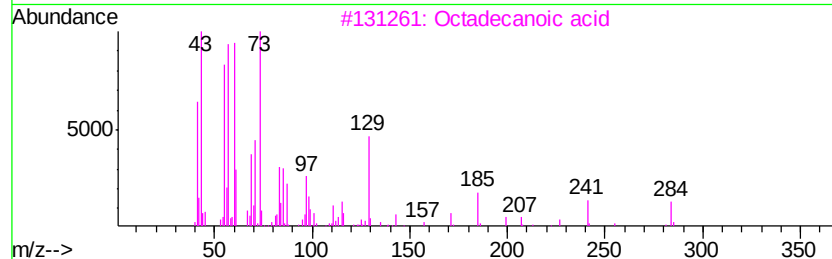
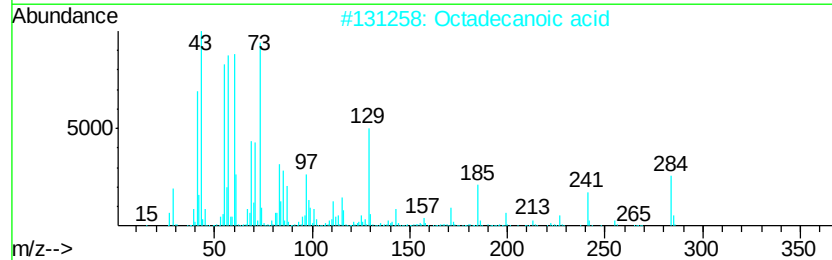
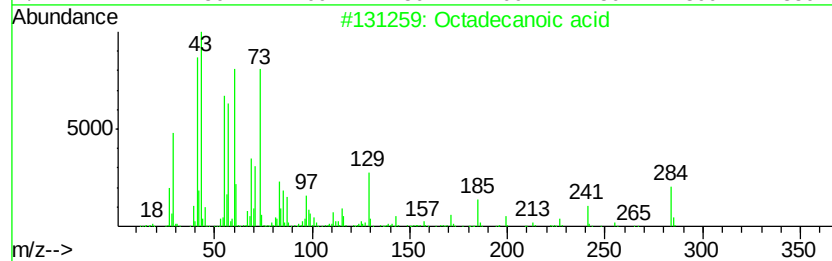
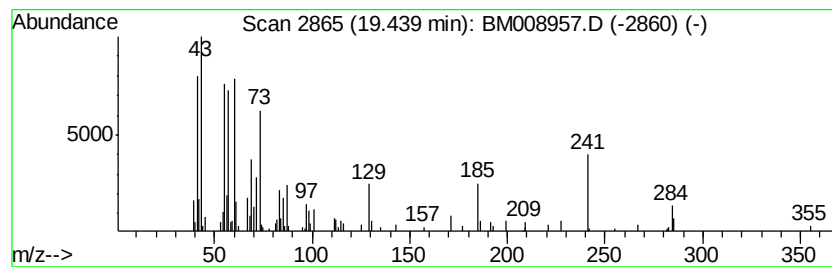
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM013017.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.44	2.78 ng/ul	169563	Chrysene-d12	21.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	95
2		Octadecanoic acid	284	C18H36O2	000057-11-4	93
3		Octadecanoic acid	284	C18H36O2	000057-11-4	86
4		Undecanoic acid	186	C11H22O2	000112-37-8	55
5		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	53



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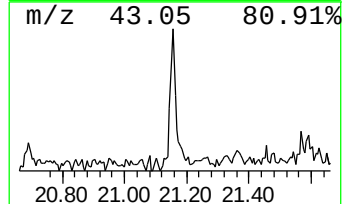
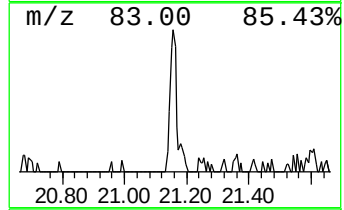
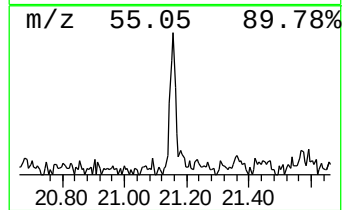
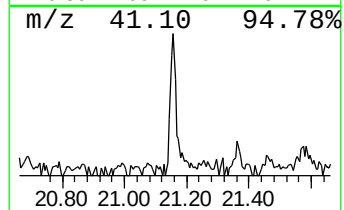
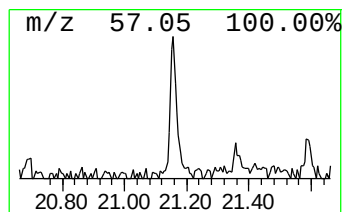
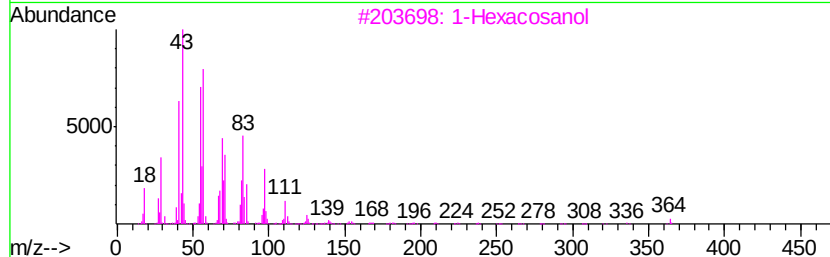
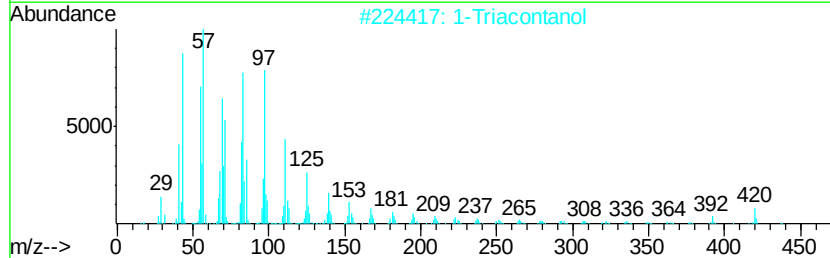
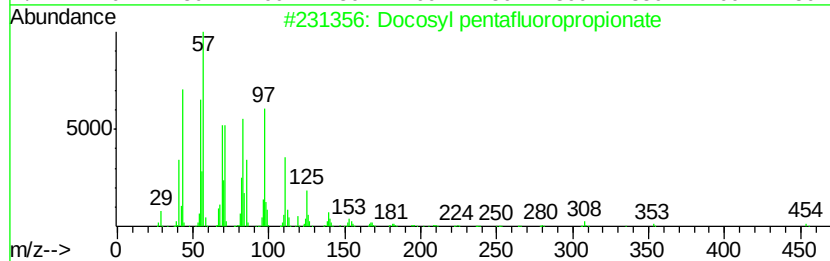
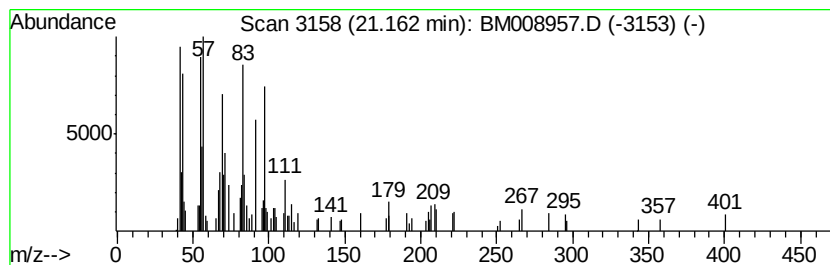
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 Docosyl pentafluoropropionate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.16	2.28 ng/ul	139213	Chrysene-d12	21.46

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	72
2		1-Triacontanol	438	C30H62O	000593-50-0	72
3		1-Hexacosanol	382	C26H54O	000506-52-5	64
4		Cyclopentadecane	210	C15H30	000295-48-7	62
5		n-Tetracosanol-1	354	C24H50O	000506-51-4	58



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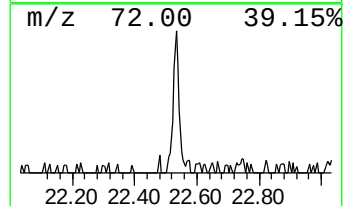
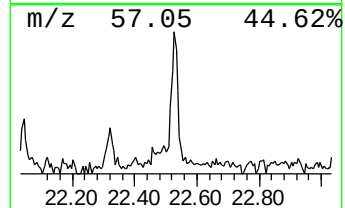
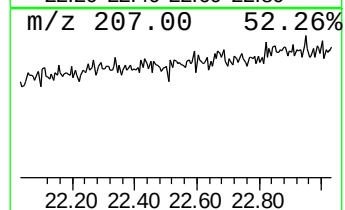
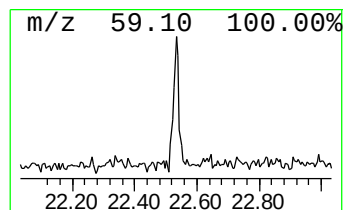
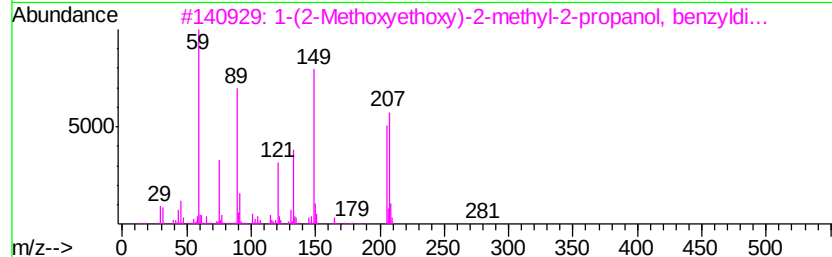
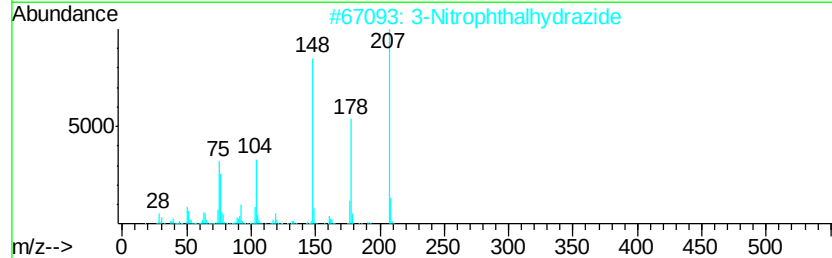
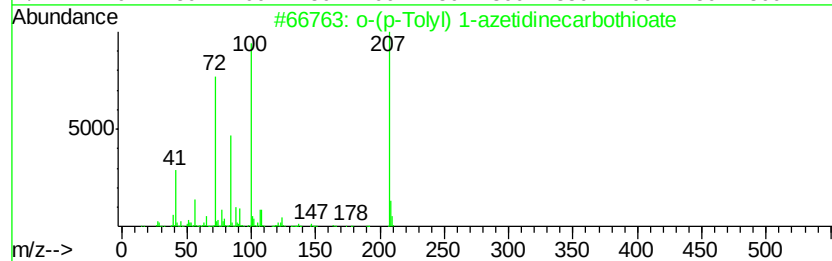
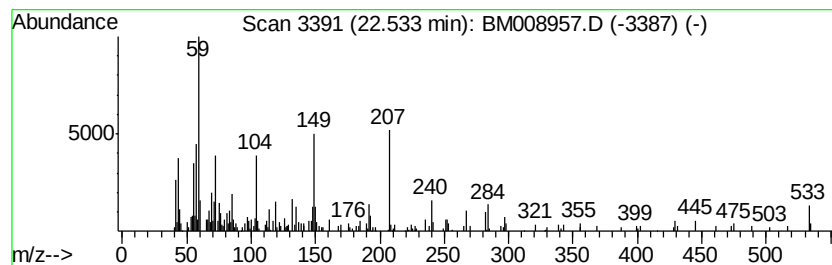
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.53	5.93 ng/ul	361575	Chrysene-d12	21.46
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		o-(p-Tolyl) 1-azetidinecarbothioate	207 C11H13NOS	010560-24-4 14
2		3-Nitrophthalhydrazide	207 C8H5N3O4	003682-15-3 9
3		1-(2-Methoxyethoxy)-2-methyl-2-p...	296 C16H28O3Si	1000376-05-8 9
4		Propanedioic acid, mononitrile, ...	319 C18H22FN03	120729-52-4 9
5		1,3-Benzodioxole, 5-(2-nitro-1-p...	207 C10H9NO4	005438-41-5 9



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.17	4.8	ng/ul	228377	4	17.30	962477	20.0
Octadecanoic acid	19.44	2.8	ng/ul	169563	5	21.46	1220020	20.0
Docosyl pentafluo...	21.16	2.3	ng/ul	139213	5	21.46	1220020	20.0
unknown-01	22.53	5.9	ng/ul	361575	5	21.46	1220020	20.0