

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032724\
 Data File : BM044794.D
 Acq On : 28 Mar 2024 00:11
 Operator : MA/JU
 Sample : P1869-10
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SOIL-4

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-BM031324.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM044794.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.510	69	72	91	rBV	158486	243509	5.87%	0.704%
2	5.293	368	375	392	rBV	2739320	3895951	93.95%	11.261%
3	6.863	633	642	654	rBV	2501082	3970951	95.76%	11.478%
4	7.310	711	718	725	rBV2	23207	54872	1.32%	0.159%
5	7.681	773	781	788	rBV	786609	1245229	30.03%	3.599%
6	8.845	970	979	991	rBV	1460639	2482086	59.86%	7.174%
7	9.422	1071	1077	1088	rVB3	27389	57556	1.39%	0.166%
8	10.457	1244	1253	1260	rBV	918924	1580832	38.12%	4.569%
9	11.216	1376	1382	1390	rBV	62112	130264	3.14%	0.377%
10	12.939	1668	1675	1688	rBV	2682704	4146719	100.00%	11.986%
11	13.986	1845	1853	1859	rBV	32406	63898	1.54%	0.185%
12	14.051	1859	1864	1870	rVB	32991	52982	1.28%	0.153%
13	14.327	1904	1911	1918	rVV	1082956	1654854	39.91%	4.783%
14	14.392	1918	1922	1928	rVB	32524	52389	1.26%	0.151%
15	14.557	1942	1950	1956	rBV4	29201	67441	1.63%	0.195%
16	15.498	2101	2110	2115	rBV2	22582	47289	1.14%	0.137%
17	15.827	2159	2166	2174	rBV	1866158	2724137	65.69%	7.874%
18	16.898	2345	2348	2357	rVB2	35555	64800	1.56%	0.187%
19	17.086	2373	2380	2384	rBV	1056986	1577762	38.05%	4.560%
20	17.127	2384	2387	2393	rVB	259438	349831	8.44%	1.011%
21	17.221	2399	2403	2407	rVB	77255	113198	2.73%	0.327%
22	17.504	2444	2451	2456	rBV4	28829	60631	1.46%	0.175%
23	17.768	2492	2496	2500	rBV	46130	54589	1.32%	0.158%
24	17.992	2530	2534	2544	rVB2	226891	399443	9.63%	1.155%
25	18.157	2556	2562	2566	rBV3	82777	147321	3.55%	0.426%
26	18.468	2611	2615	2619	rBV	39061	59506	1.44%	0.172%
27	18.880	2682	2685	2690	rBV	39992	60820	1.47%	0.176%
28	19.151	2726	2731	2737	rBV	505833	693435	16.72%	2.004%
29	19.280	2750	2753	2760	rBV4	74116	128650	3.10%	0.372%
30	19.486	2784	2788	2789	rBV	75551	90078	2.17%	0.260%
31	19.515	2789	2793	2802	rVB	472858	690590	16.65%	1.996%
32	19.727	2824	2829	2834	rBV	2806615	3480731	83.94%	10.061%
33	21.009	3044	3047	3052	rBV3	267585	334247	8.06%	0.966%
34	21.280	3087	3093	3097	rBV2	1274155	1988835	47.96%	5.749%
35	21.321	3097	3100	3106	rVB	238345	325943	7.86%	0.942%
36	23.527	3470	3475	3481	rVB	812496	1505796	36.31%	4.352%

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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

Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031324.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

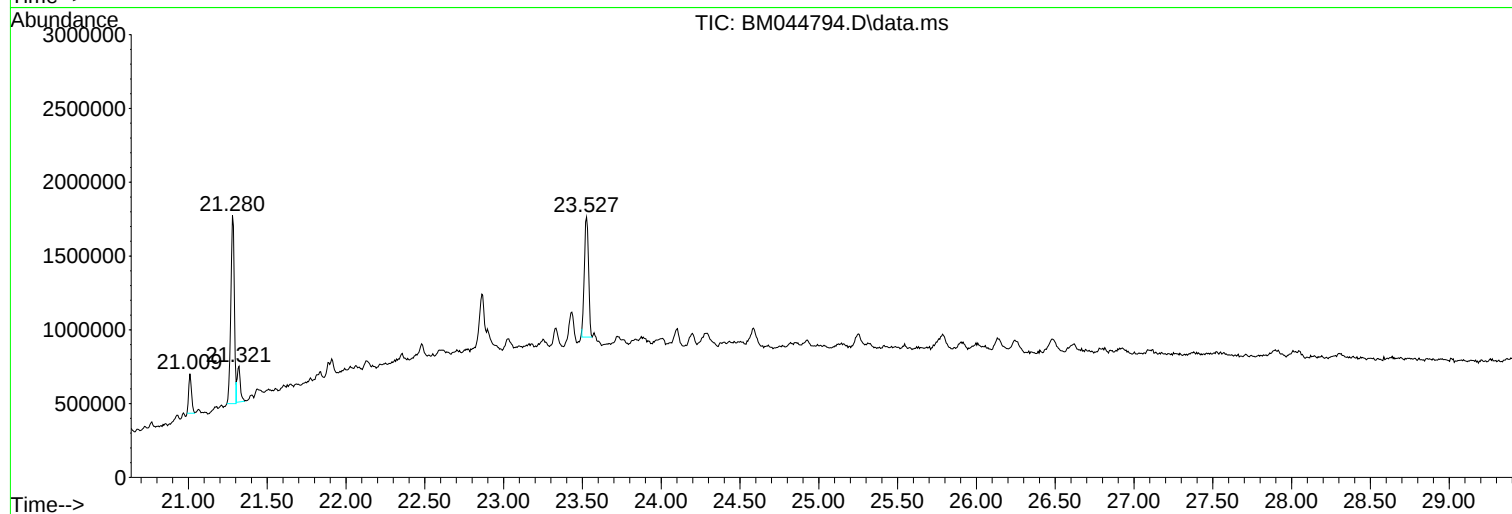
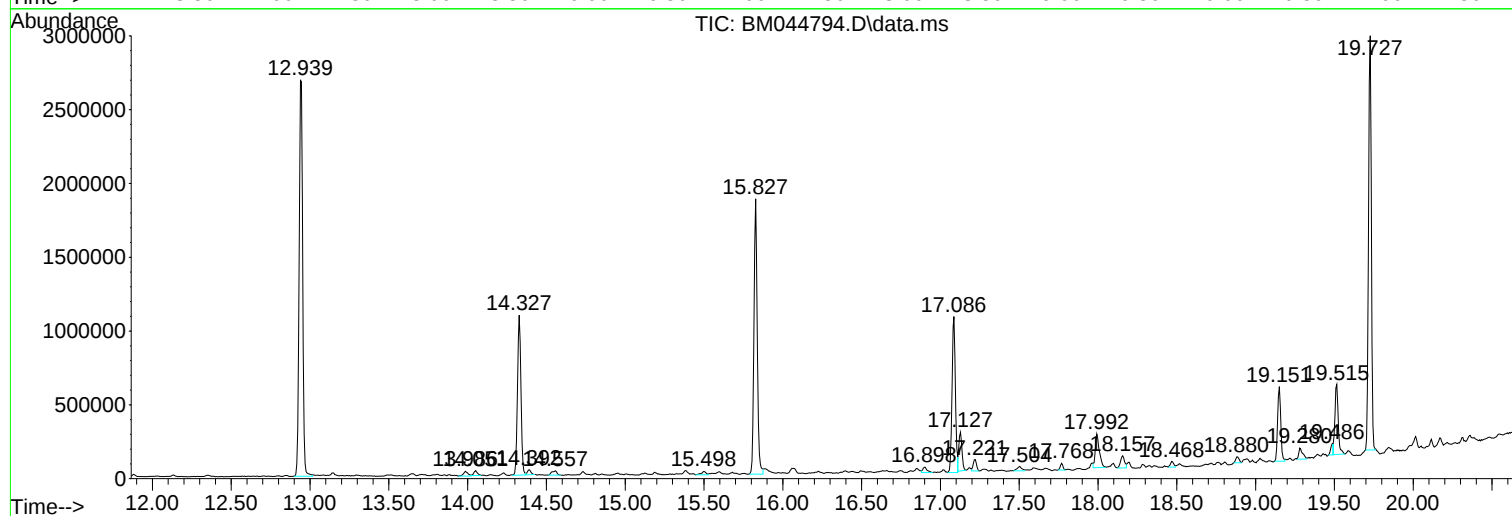
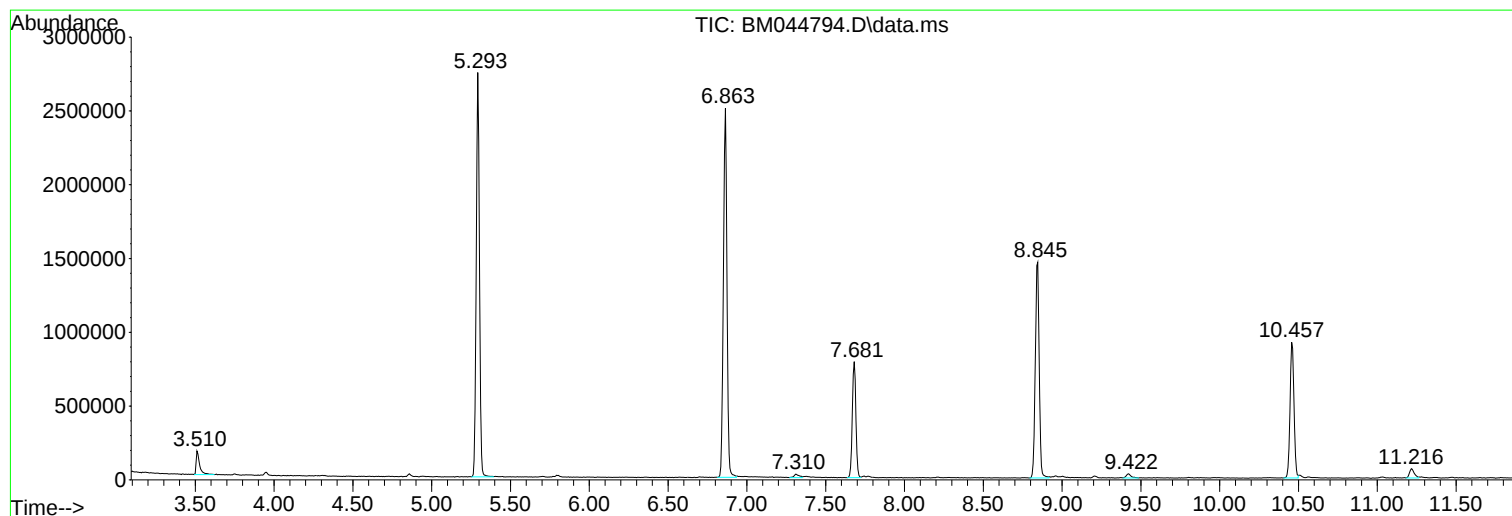
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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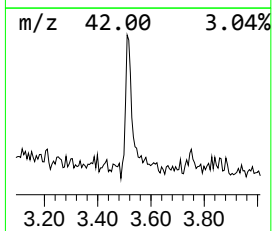
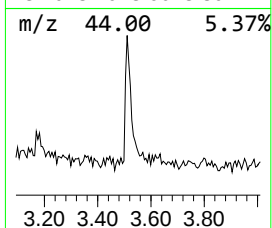
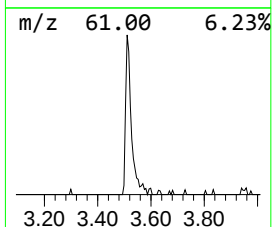
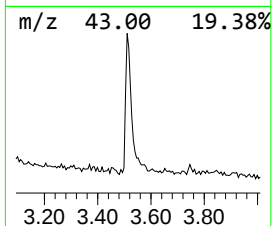
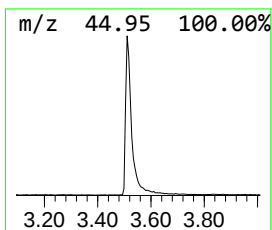
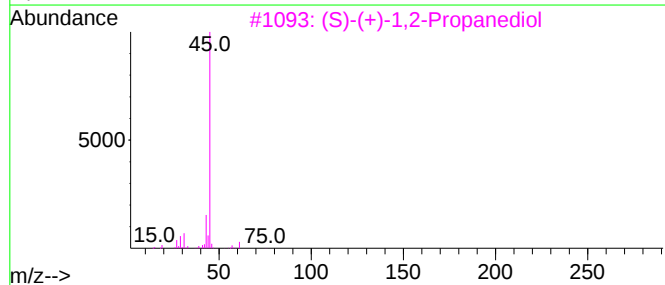
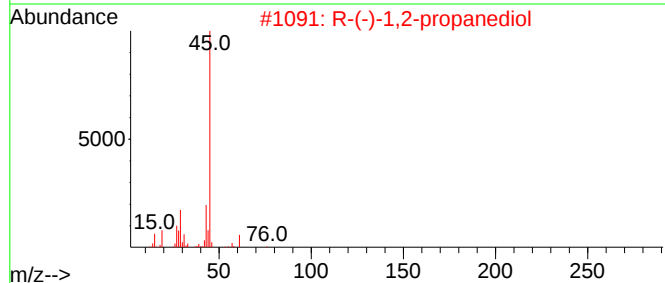
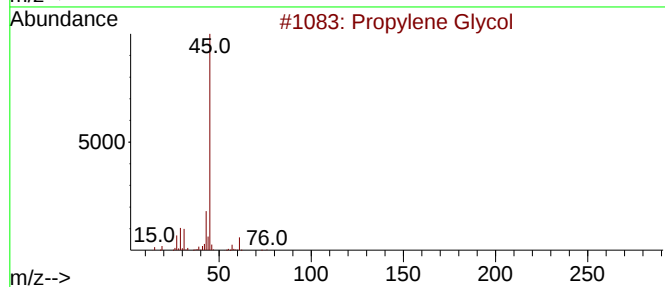
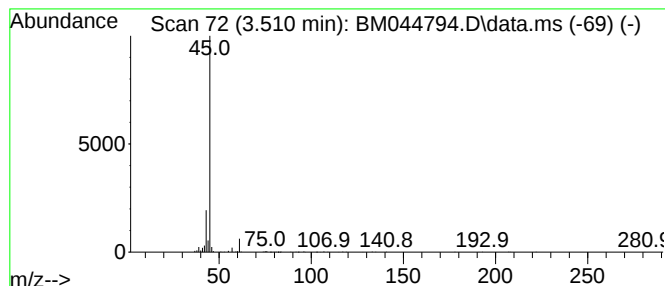
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Propylene Glycol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.510	3.91 ng	243509	1,4-Dichlorobenzene-d4	7.681

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Propylene Glycol	76	C3H8O2	000057-55-6	86
2			R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	78
3			(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	56
4			Isopropyl Alcohol	60	C3H8O	000067-63-0	50
5			Propanoic acid, 2-hydroxy-, meth...	104	C4H8O3	000547-64-8	40



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Instrument :
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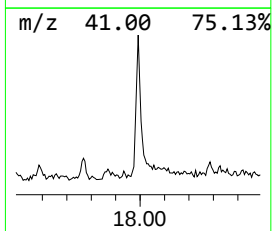
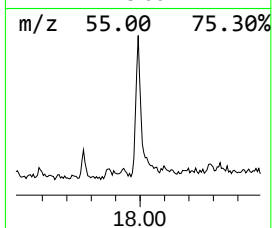
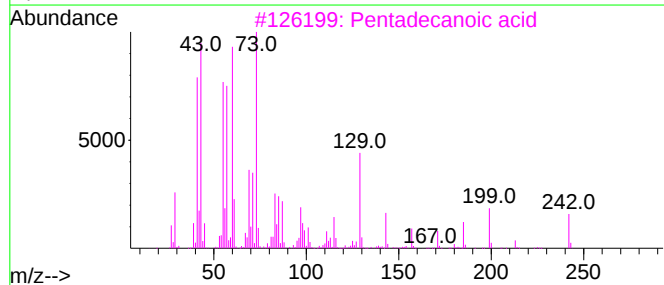
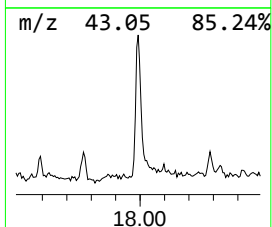
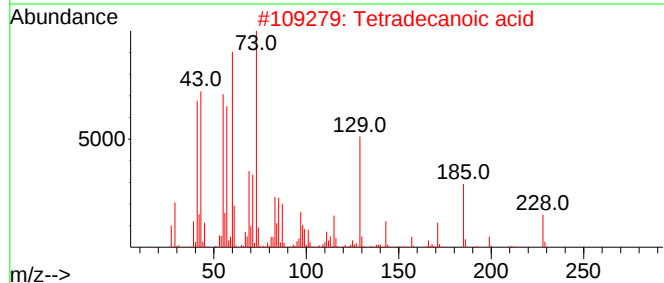
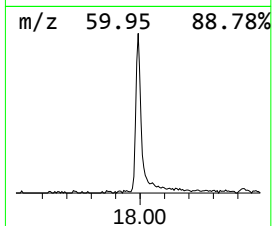
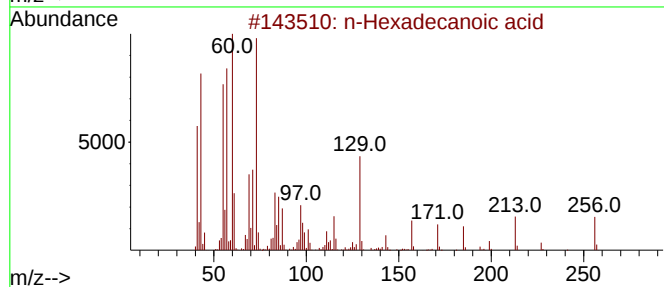
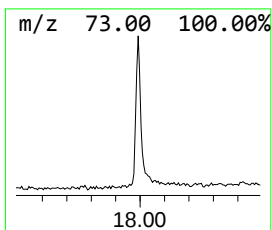
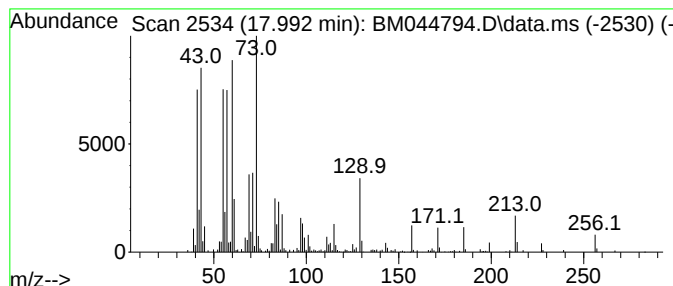
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.992	5.06 ng	399443	Phenanthrene-d10	17.086

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	93
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4		Tridecanoic acid	214	C13H26O2	000638-53-9	81
5		n-Decanoic acid	172	C10H20O2	000334-48-5	47



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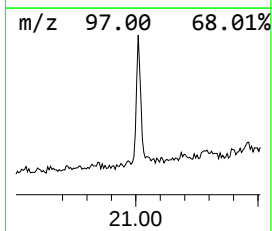
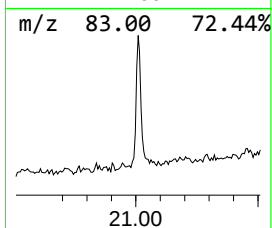
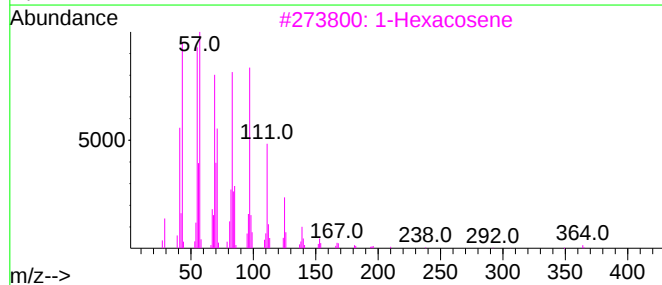
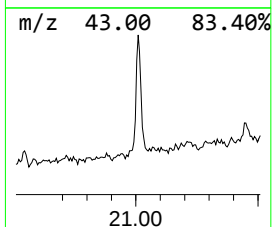
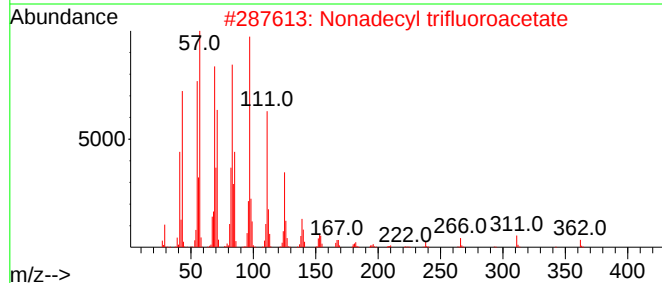
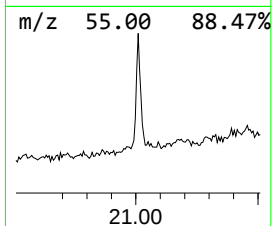
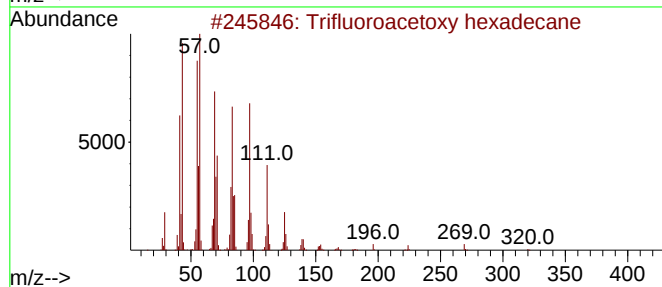
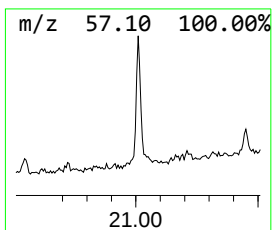
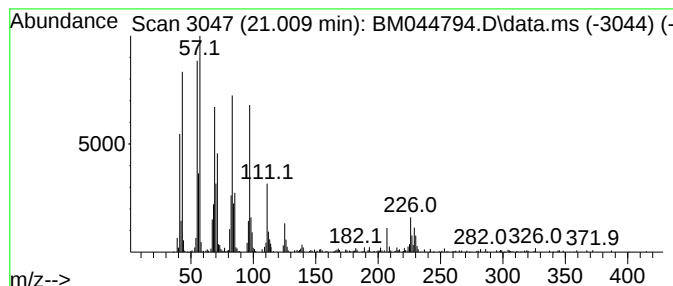
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Trifluoroacetoxy hexadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.009	3.36 ng	334247	Chrysene-d12	21.280

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	81
2			Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	81
3			1-Hexacosene	364	C26H52	018835-33-1	81
4			17-Pentatriacontene	491	C35H70	006971-40-0	81
5			Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	81



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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Propylene Glycol	3.510	3.9	ng	243509	1	7.681	1245230	20.0
n-Hexadecanoic ...	17.992	5.1	ng	399443	4	17.086	1577760	20.0
Trifluoroacetox...	21.009	3.4	ng	334247	5	21.280	1988840	20.0