

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042720\
 Data File : BF120230.D
 Acq On : 27 Apr 2020 20:21
 Operator : MA/SJ
 Sample : L2405-09
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HW-12

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_F\METHODS\8270-BF040820.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	5.275	538	542	555	rBV	1717257	1588947	35.26%	6.293%
2	6.310	715	718	730	rBV	1054382	1027373	22.80%	4.069%
3	6.498	747	750	757	rBV	66884	64845	1.44%	0.257%
4	6.663	774	778	781	rBV	822360	722029	16.02%	2.859%
5	6.816	800	804	808	rBV	2636158	2380212	52.82%	9.426%
6	7.234	869	875	877	rBV	2134191	2290564	50.83%	9.071%
7	7.945	992	996	1000	rBV	1180109	969796	21.52%	3.841%
8	9.028	1174	1180	1183	rBV	4195179	3727117	82.72%	14.760%
9	9.422	1243	1247	1250	rBV	368232	277704	6.16%	1.100%
10	9.698	1290	1294	1298	rBV	1175848	987618	21.92%	3.911%
11	10.492	1424	1429	1432	rBV	2980659	2729126	60.57%	10.808%
12	11.180	1542	1546	1550	rBV	1230170	1146998	25.46%	4.542%
13	11.722	1635	1638	1649	rBV2	259175	266098	5.91%	1.054%
14	12.510	1769	1772	1779	rBV	95328	115296	2.56%	0.457%
15	12.774	1812	1817	1821	rBV	4188239	4505973	100.00%	17.845%
16	13.674	1965	1970	1982	rBV	190076	254316	5.64%	1.007%
17	13.821	1991	1995	1999	rBV	1068372	908174	20.15%	3.597%
18	14.304	2073	2077	2081	rBV	65316	72665	1.61%	0.288%
19	14.598	2124	2127	2130	rVB	78442	71494	1.59%	0.283%
20	14.910	2176	2180	2184	rVB	83207	83071	1.84%	0.329%
21	15.227	2229	2234	2237	rBV	710282	812569	18.03%	3.218%
22	15.257	2237	2239	2246	rVB	97535	113400	2.52%	0.449%
23	15.657	2303	2307	2312	rBV	63919	82605	1.83%	0.327%
24	16.115	2381	2385	2390	rBV3	30001	53027	1.18%	0.210%

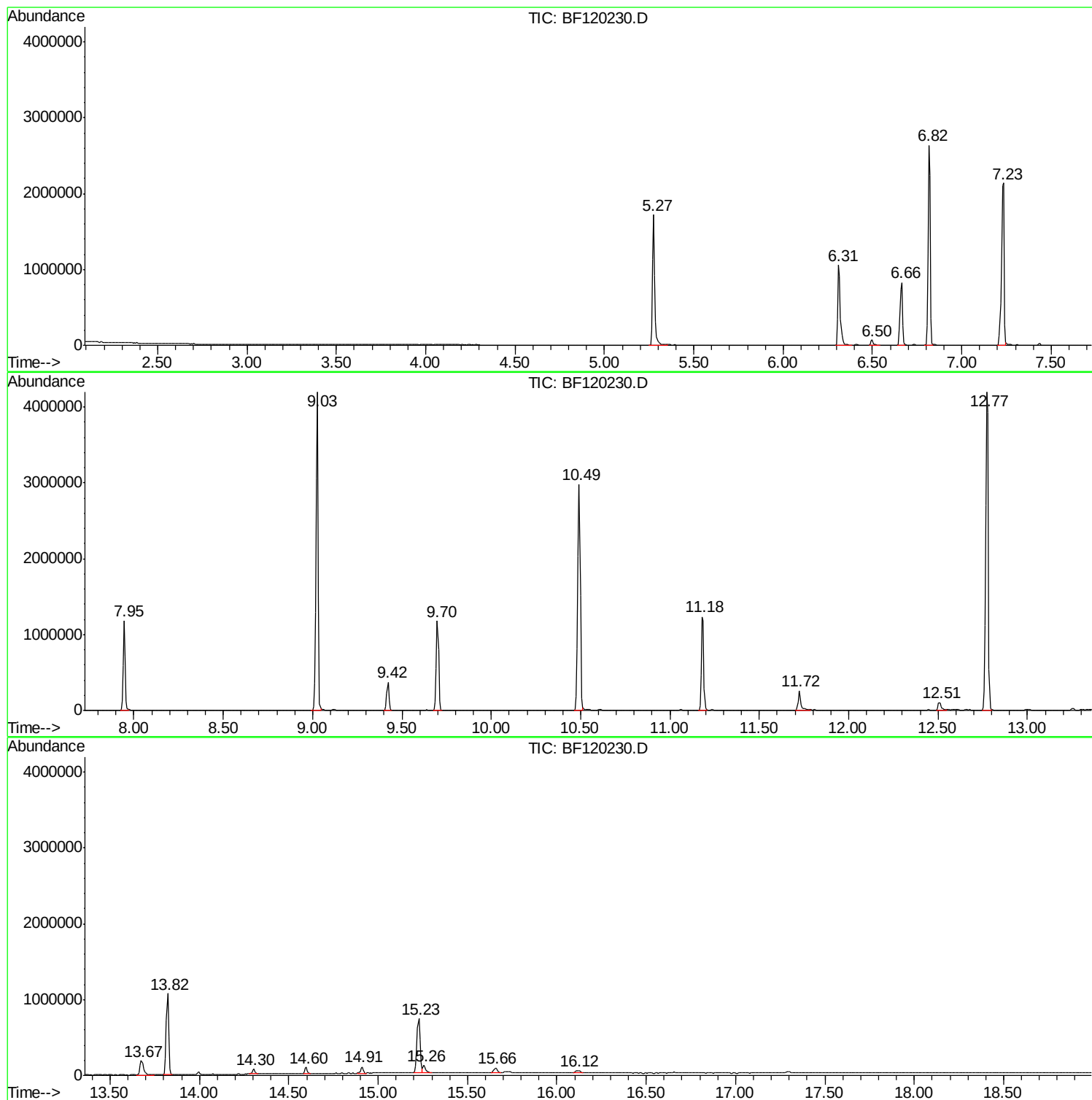
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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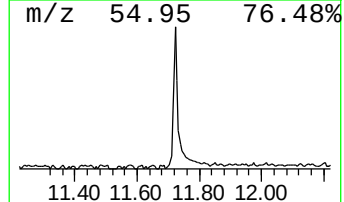
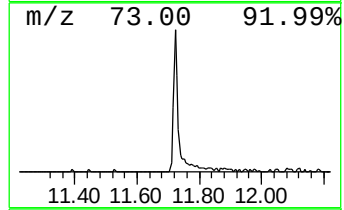
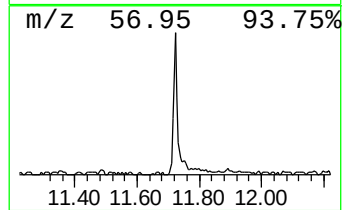
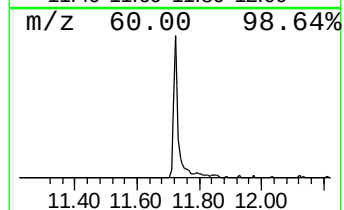
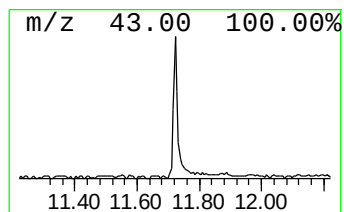
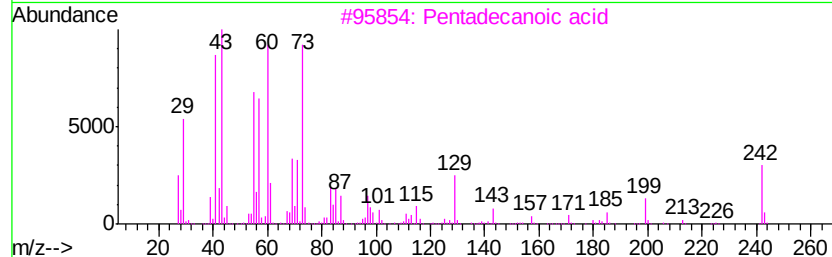
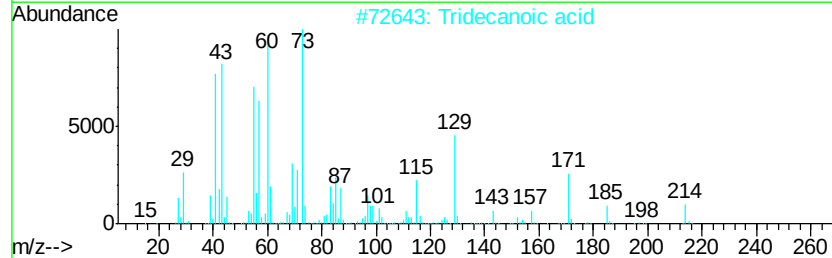
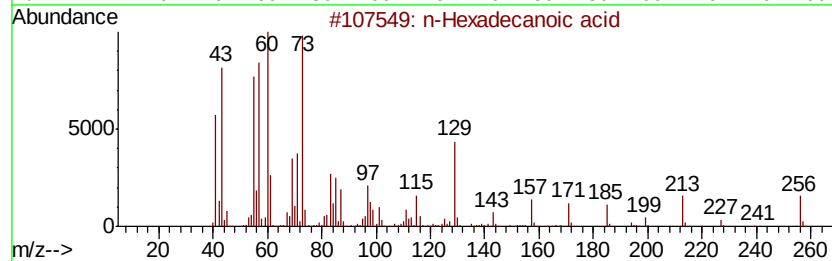
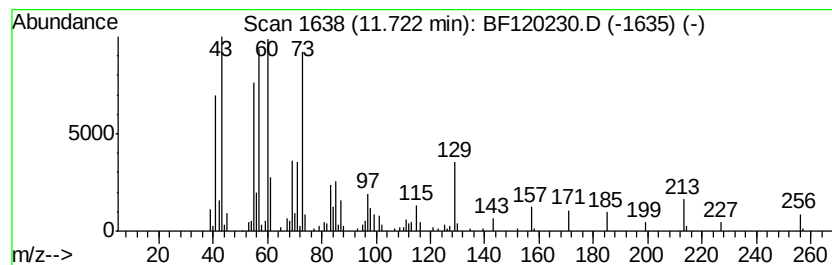
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	4.64 ng	266098	Phenanthrene-d10	11.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	89
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	Undecanoic acid	186	C11H22O2	000112-37-8	59



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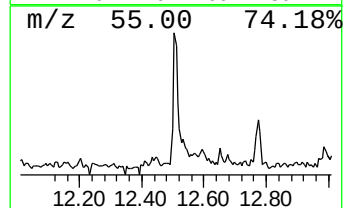
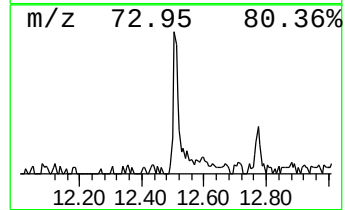
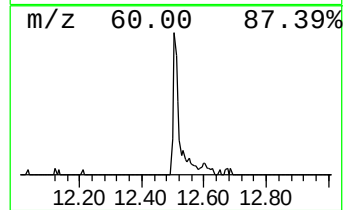
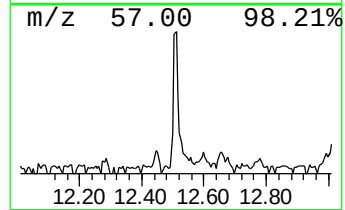
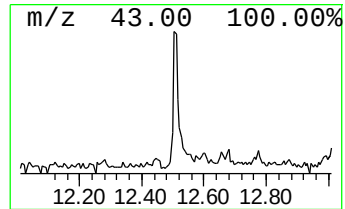
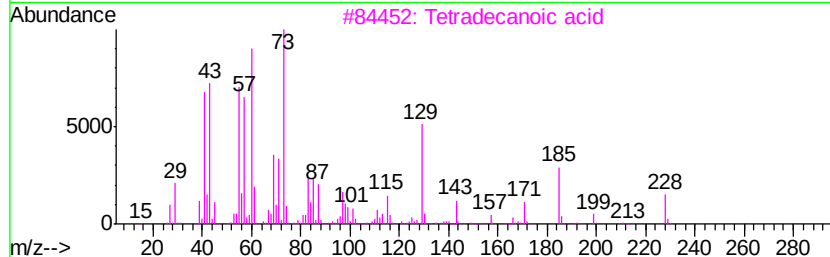
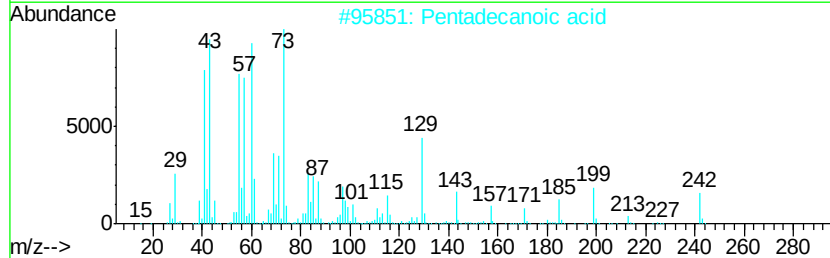
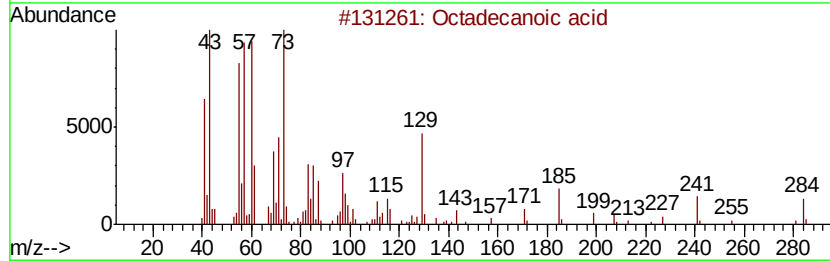
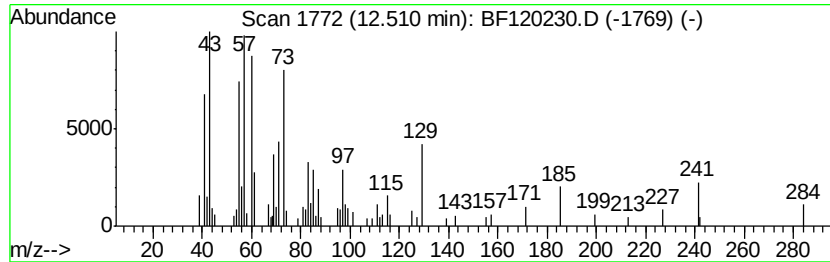
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Peak Number 3 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.51	2.54 ng	115296	Chrysene-d12	13.82	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	86
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
4	Tridecanoic acid	214	C13H26O2	000638-53-9	35
5	Oxalic acid, propyl tetradecyl e...	328	C19H36O4	1000309-26-7	30



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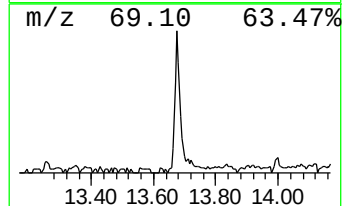
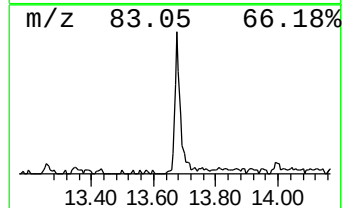
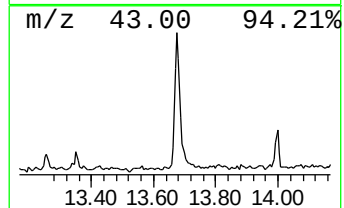
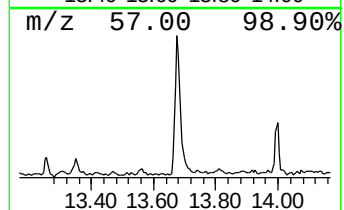
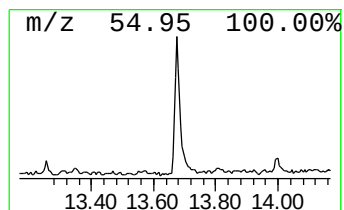
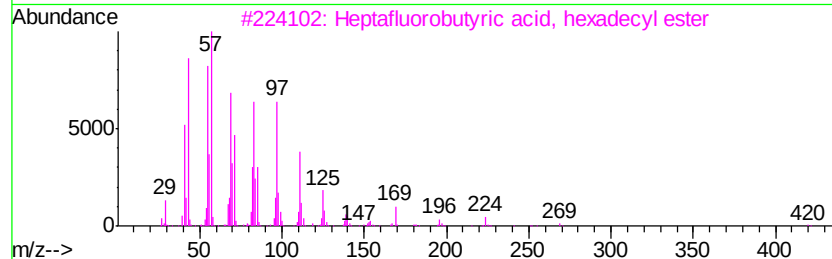
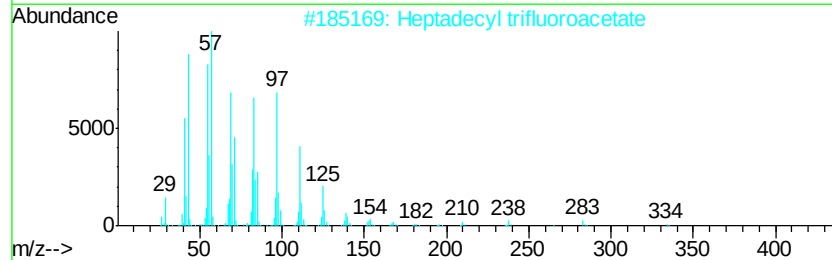
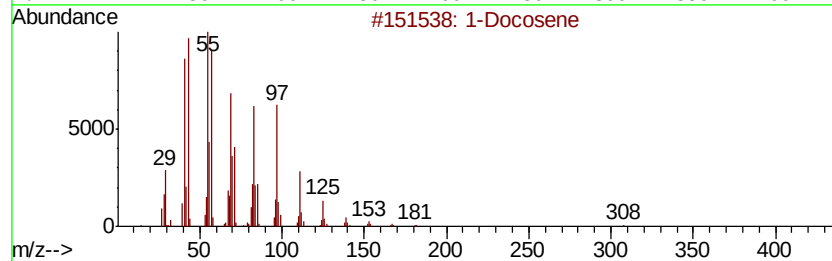
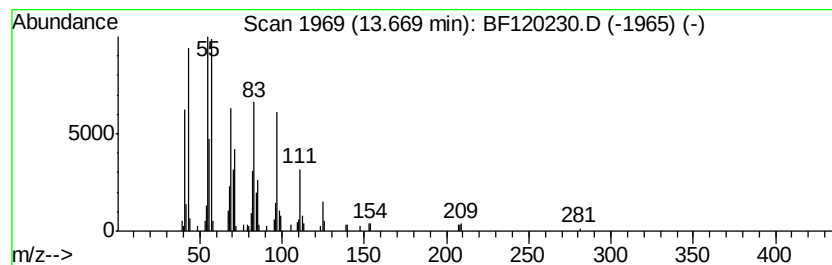
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Peak Number 4 1-Docosene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.67	5.60 ng	254316	Chrysene-d12	13.82

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene		308	C22H44	001599-67-3	95
2	Heptadecyl trifluoroacetate		352	C19H35F3O2	1000351-87-0	94
3	Heptafluorobutyric acid, hexadec...		438	C20H33F7O2	006385-15-5	94
4	Heptadecyl heptafluorobutyrat		452	C21H35F7O2	959085-66-6	94
5	Pentafluoropropionic acid, hepta...		402	C20H35F5O2	959218-78-1	91



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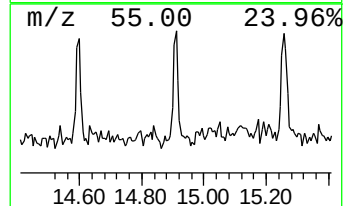
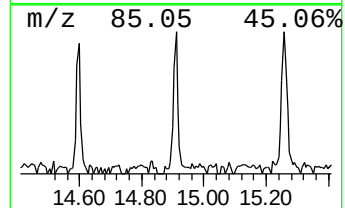
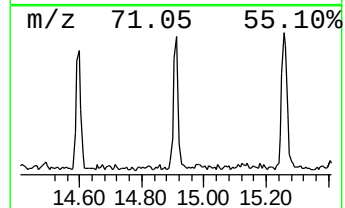
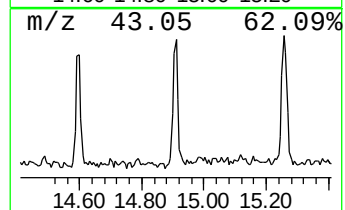
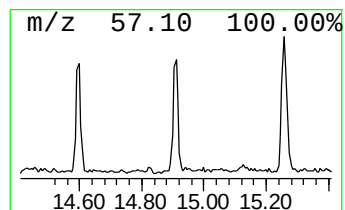
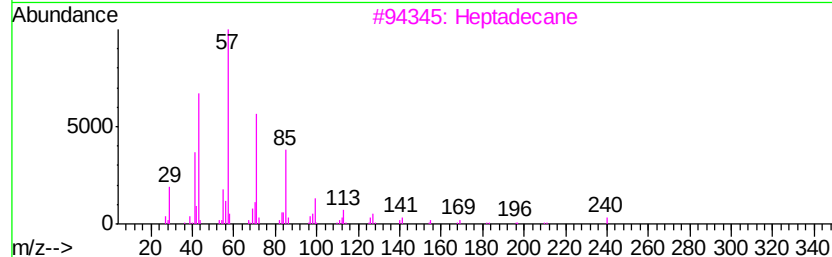
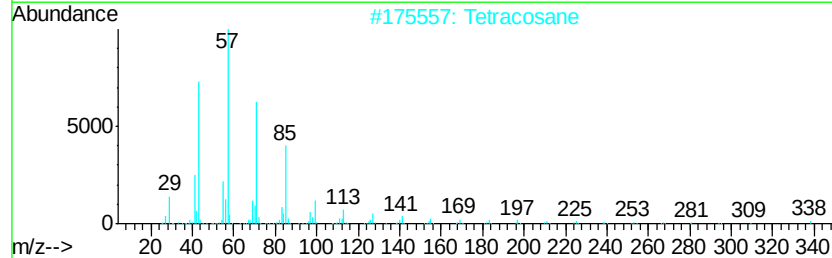
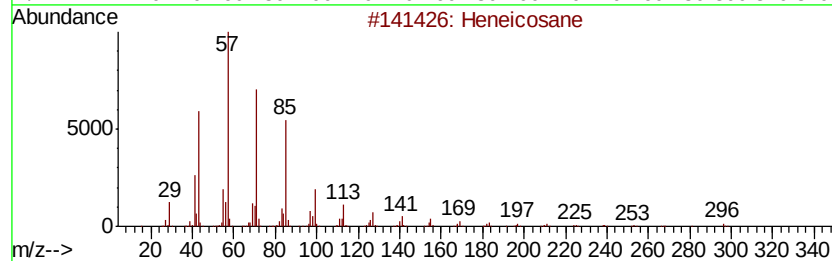
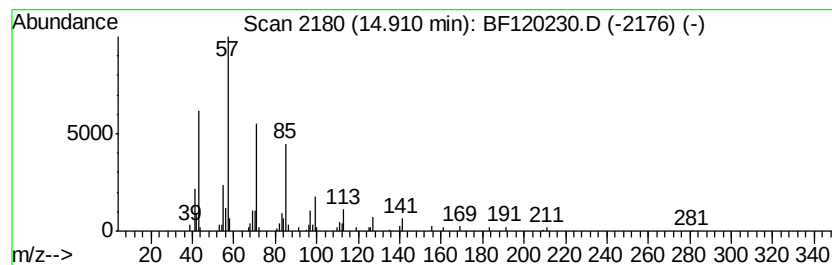
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.91	2.04 ng	83071	Perylene-d12	15.23

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	90
2	Tetracosane		338	C24H50	000646-31-1	87
3	Heptadecane		240	C17H36	000629-78-7	86
4	Eicosane, 10-methyl-		296	C21H44	054833-23-7	86
5	Hexadecane		226	C16H34	000544-76-3	86



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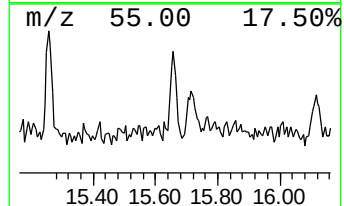
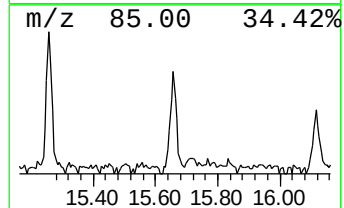
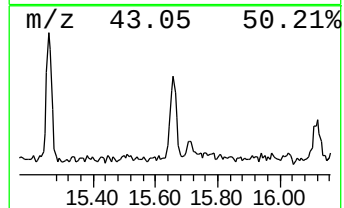
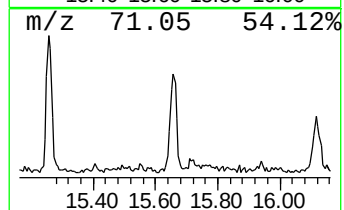
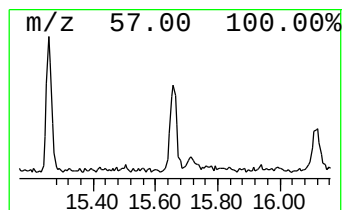
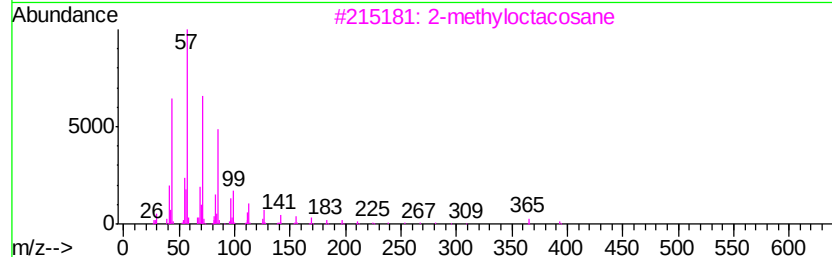
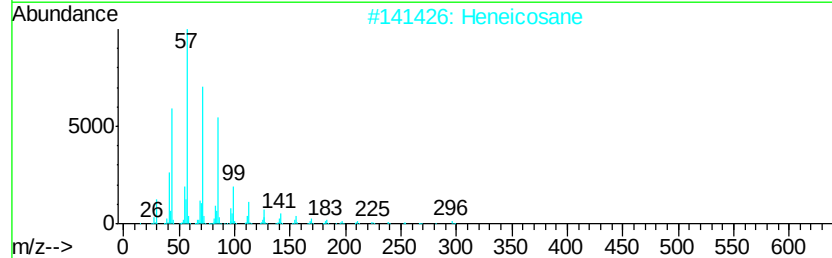
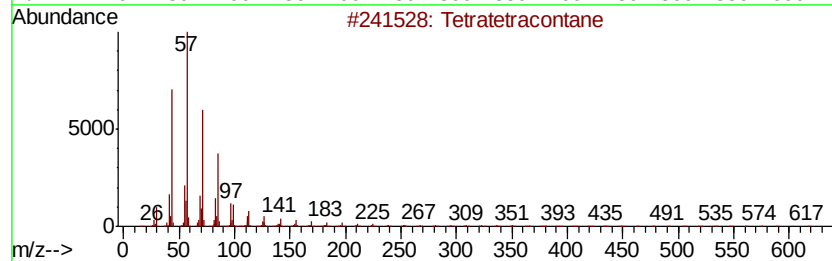
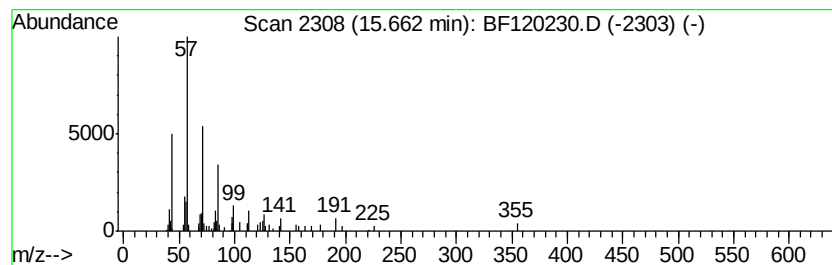
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 6 Tetratetracontane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	2.03 ng	82605	Perylene-d12	15.23

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetratetracontane	619	C44H90	007098-22-8	90
2		Heneicosane	296	C21H44	000629-94-7	87
3		2-methyloctacosane	408	C29H60	1000376-72-8	87
4		Octadecane	254	C18H38	000593-45-3	83
5		Hexatriacontane	507	C36H74	000630-06-8	83



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	11.72	4.6 ng		266098	4	11.18	1147000	20.0
Octadecanoic acid	12.51	2.5 ng		115296	5	13.82	908174	20.0
1-Docosene	13.67	5.6 ng		254316	5	13.82	908174	20.0
Heneicosane	14.91	2.0 ng		83071	6	15.23	812569	20.0
Tetratetracontane	15.66	2.0 ng		82605	6	15.23	812569	20.0