

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042720\
 Data File : BF120231.D
 Acq On : 27 Apr 2020 20:48
 Operator : MA/SJ
 Sample : L2405-10
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HW-10

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	558	rBV	1667750	1570033	31.86%	5.630%
2	6.310	715	718	729	rVB	948748	905238	18.37%	3.246%
3	6.498	747	750	760	rVB	47287	49299	1.00%	0.177%
4	6.663	774	778	781	rBV	821438	738334	14.98%	2.648%
5	6.822	800	805	808	rBV	3101143	2947563	59.81%	10.570%
6	7.234	869	875	878	rBV	2575164	2621100	53.19%	9.400%
7	7.945	992	996	1000	rBV	1163237	979360	19.87%	3.512%
8	9.028	1175	1180	1183	rBV	5015167	4623232	93.82%	16.580%
9	9.422	1243	1247	1250	rVB	475972	372844	7.57%	1.337%
10	9.698	1289	1294	1298	rBV	1192699	1016126	20.62%	3.644%
11	10.492	1423	1429	1432	rBV	3075662	2978048	60.43%	10.680%
12	11.180	1542	1546	1550	rBV	1211297	1157800	23.49%	4.152%
13	11.727	1633	1639	1646	rBV3	324640	390025	7.91%	1.399%
14	12.510	1769	1772	1783	rBV	220656	227314	4.61%	0.815%
15	12.780	1812	1818	1821	rBV	4619318	4927864	100.00%	17.672%
16	13.674	1967	1970	1976	rBV	167207	199305	4.04%	0.715%
17	13.821	1991	1995	2000	rBV	1106996	945982	19.20%	3.392%
18	14.304	2074	2077	2084	rVB2	60142	78403	1.59%	0.281%
19	14.598	2124	2127	2131	rVB	78858	72720	1.48%	0.261%
20	14.910	2177	2180	2184	rVB	72903	75623	1.53%	0.271%
21	15.227	2228	2234	2237	rBV	660215	741326	15.04%	2.659%
22	15.257	2237	2239	2246	rVB	86394	109451	2.22%	0.393%
23	15.657	2303	2307	2312	rBV	70648	107455	2.18%	0.385%
24	16.127	2382	2387	2389	rBV5	28043	50547	1.03%	0.181%

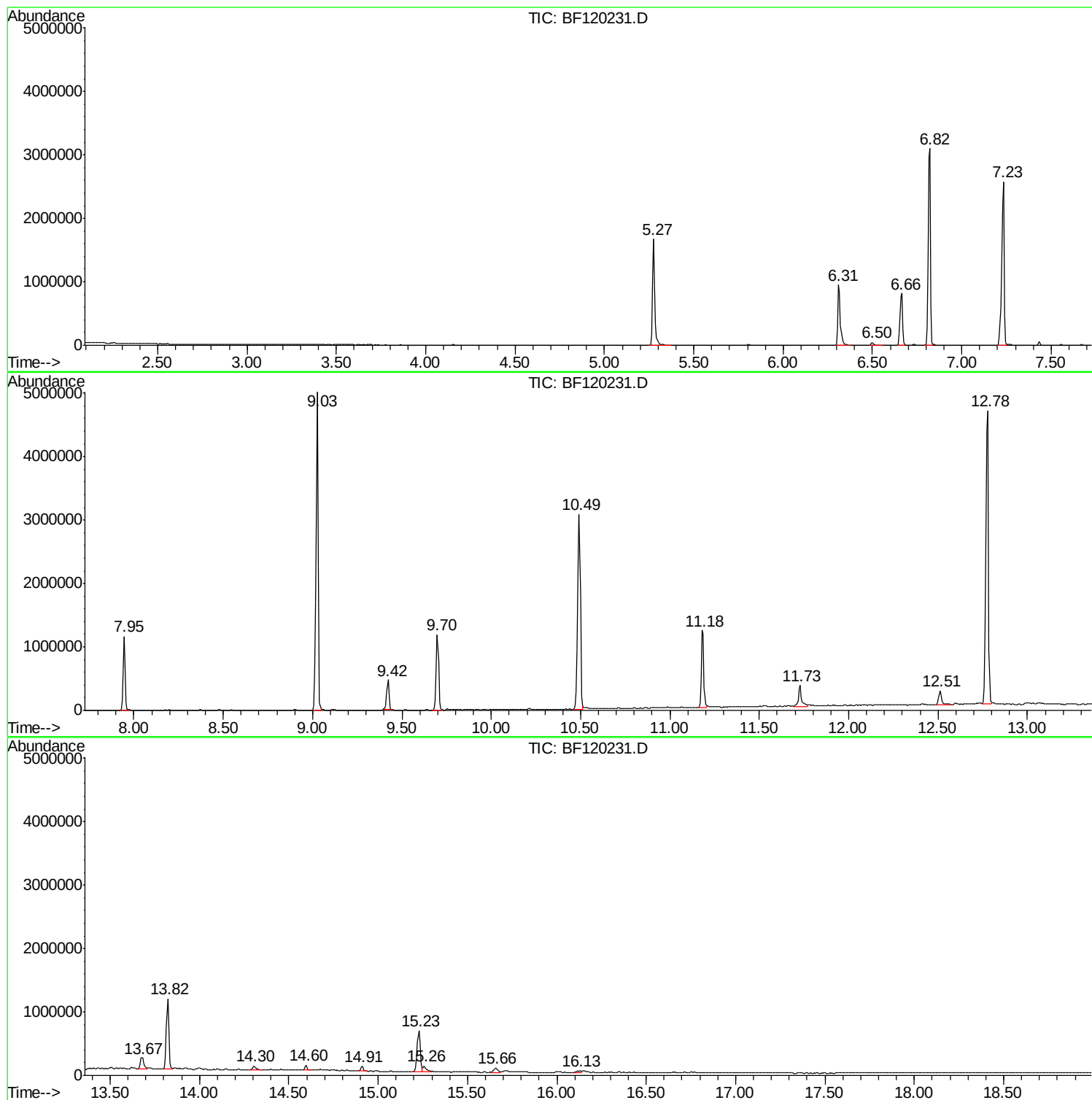
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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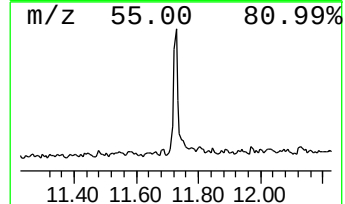
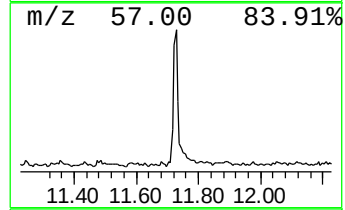
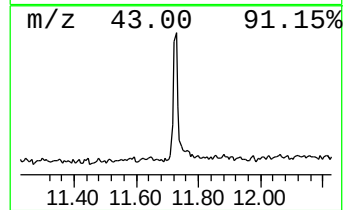
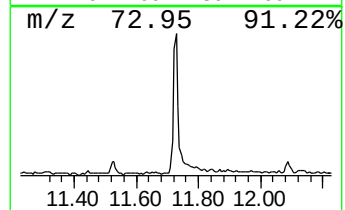
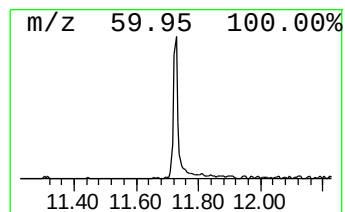
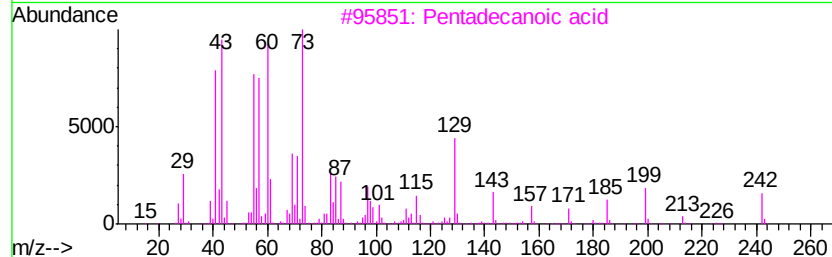
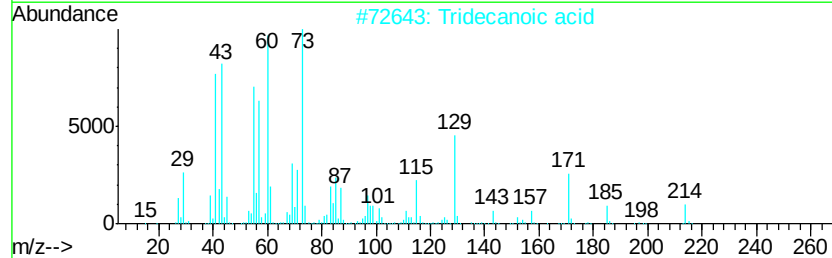
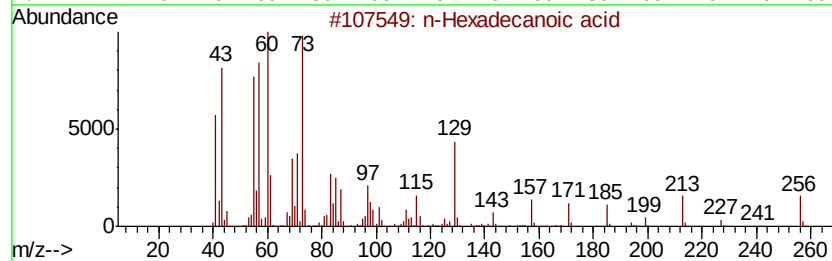
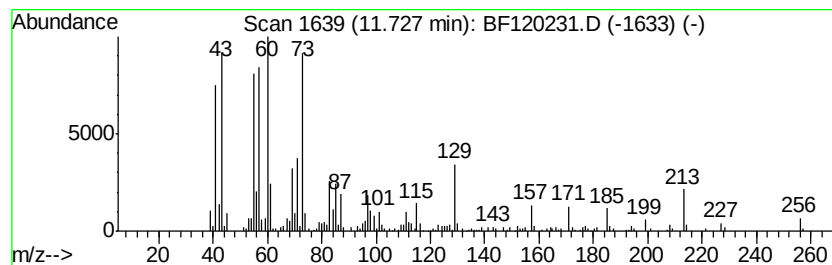
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.73	6.74 ng	390025	Phenanthrene-d10		11.18
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2	Tridecanoic acid	214	C13H26O2	000638-53-9	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	n-Decanoic acid	172	C10H20O2	000334-48-5	64



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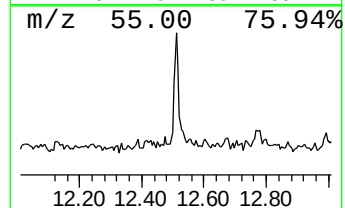
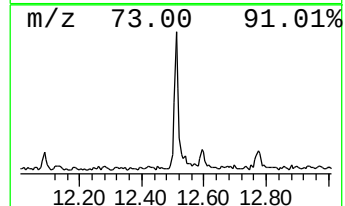
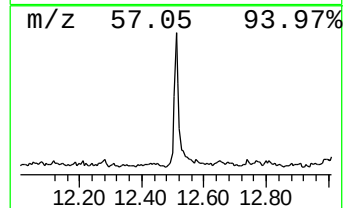
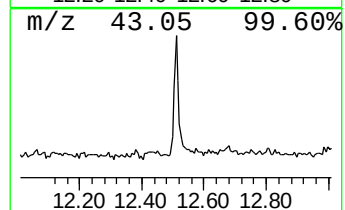
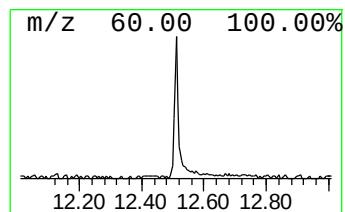
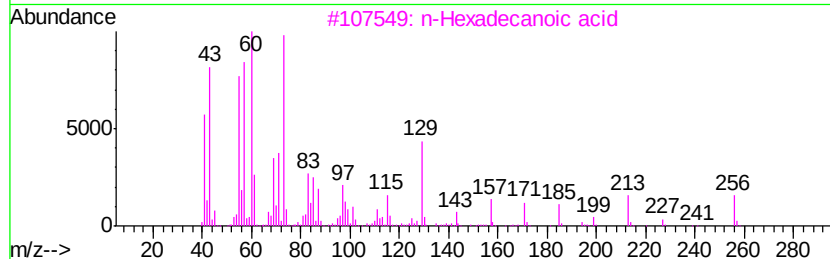
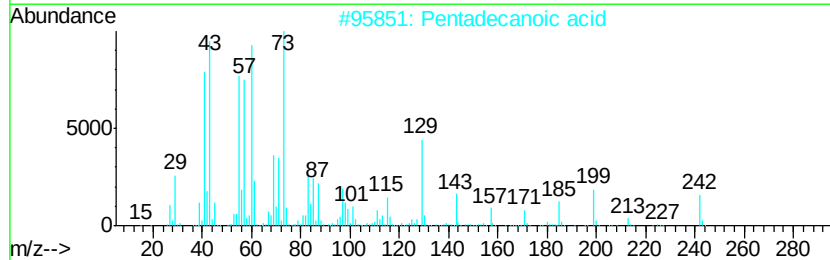
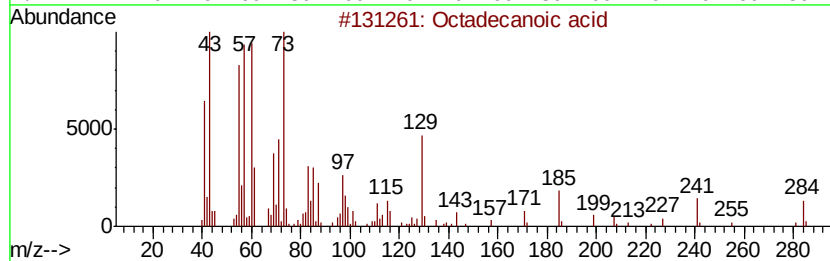
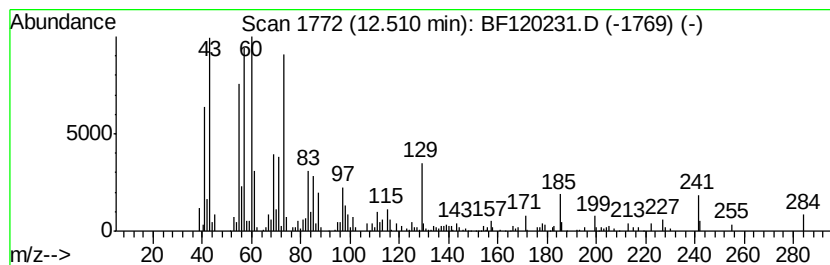
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.51	4.81 ng	227314	Chrysene-d12	13.82	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	96
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
4	Tridecanoic acid	214	C13H26O2	000638-53-9	72
5	Dodecanoic acid	200	C12H24O2	000143-07-7	72



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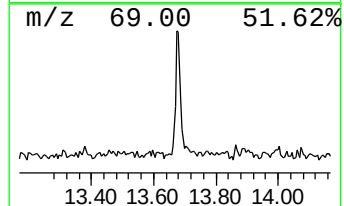
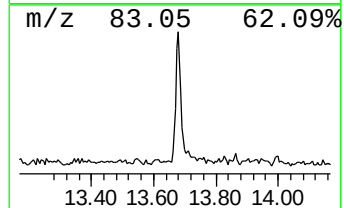
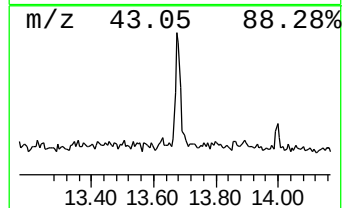
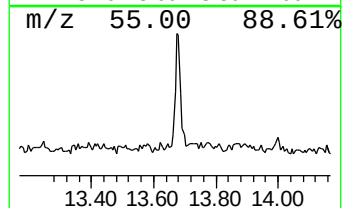
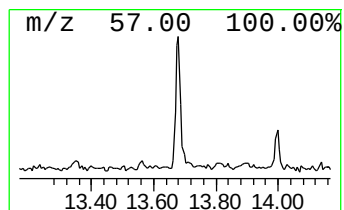
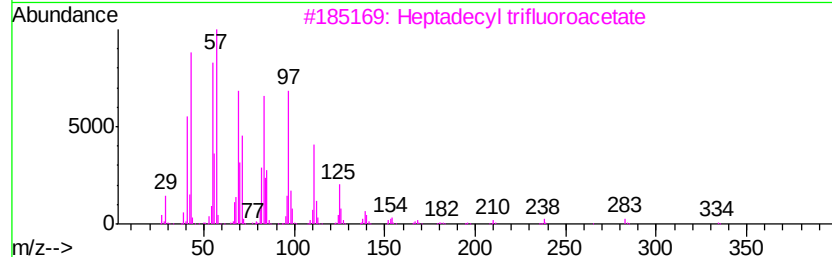
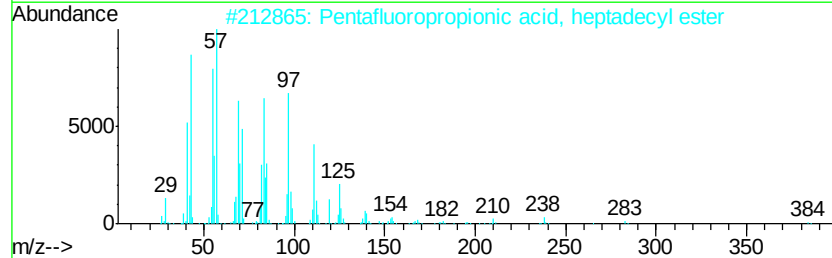
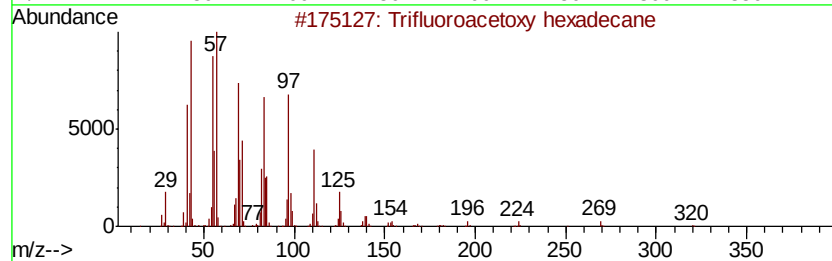
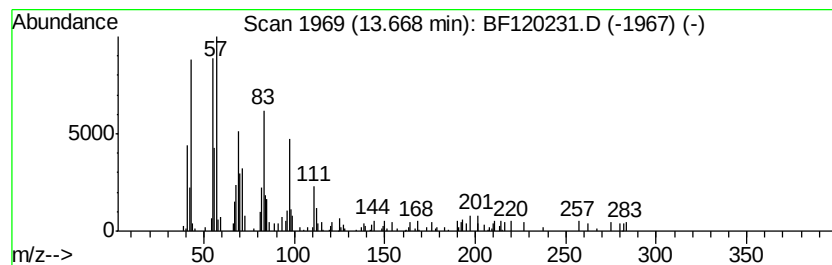
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Peak Number 4 Trifluoroacetoxy hexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.67	4.21 ng	199305	Chrysene-d12	13.82

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93
2			Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	91
3			Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	91
4			Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	90
5			Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	90



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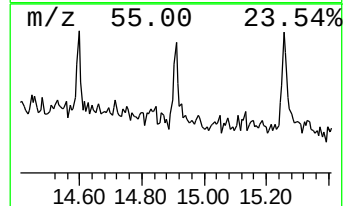
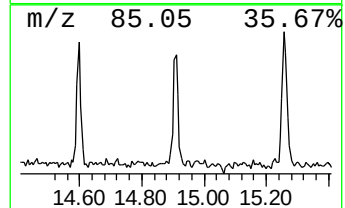
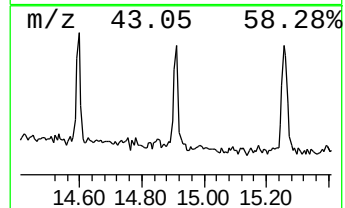
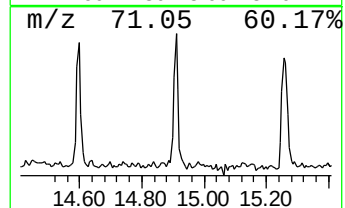
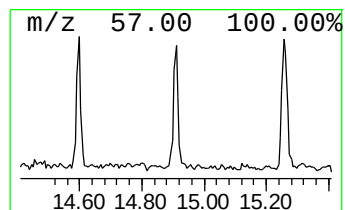
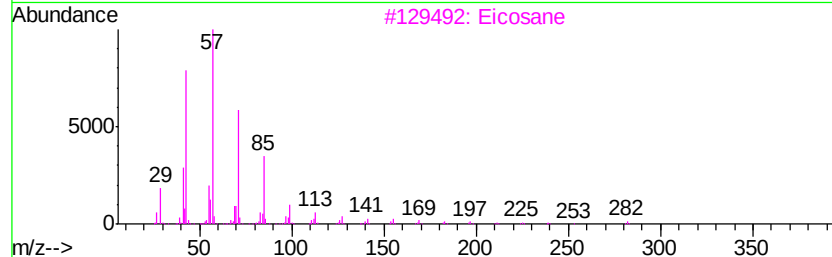
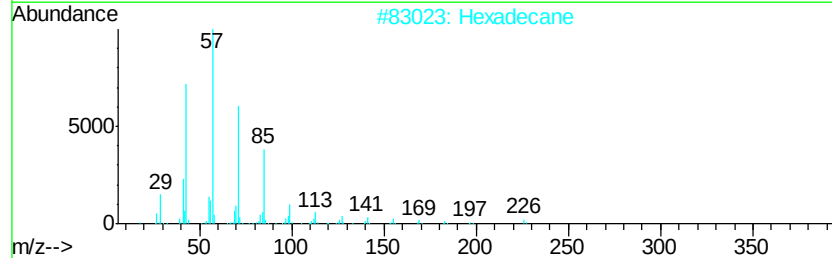
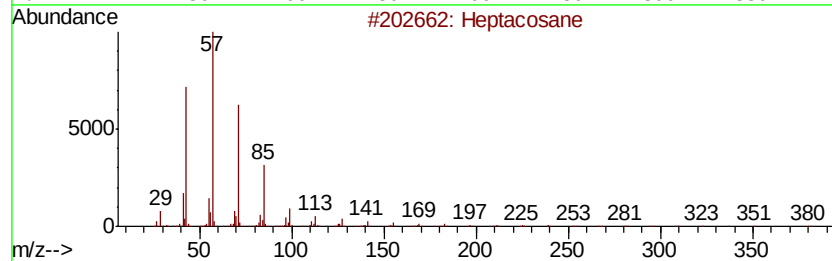
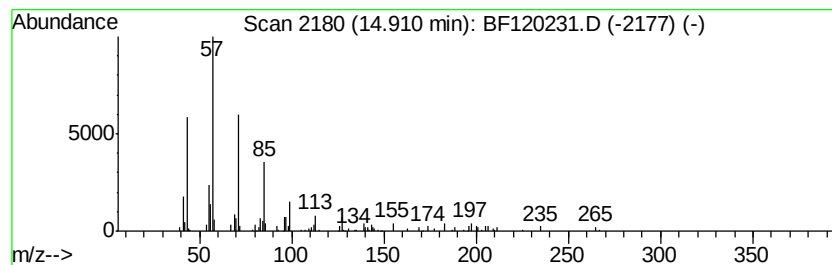
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TIC Integration Parameters: LSCINT.P

Peak Number 5 Heptacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.
14.91	2.04 ng	75623	Perylene-d12		15.23
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	72
2	Hexadecane	226	C16H34	000544-76-3	72
3	Eicosane	282	C20H42	000112-95-8	72
4	Heptadecane	240	C17H36	000629-78-7	72
5	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	64



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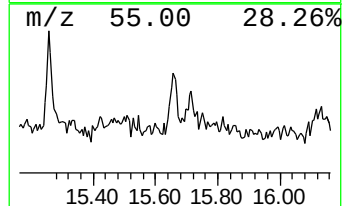
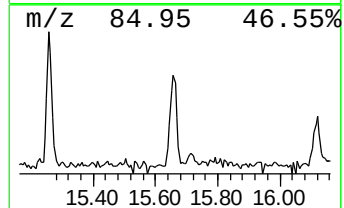
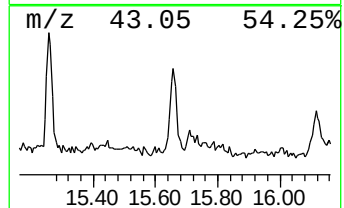
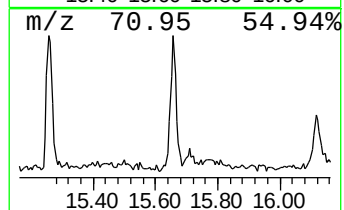
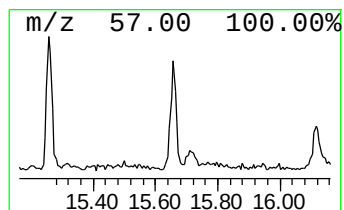
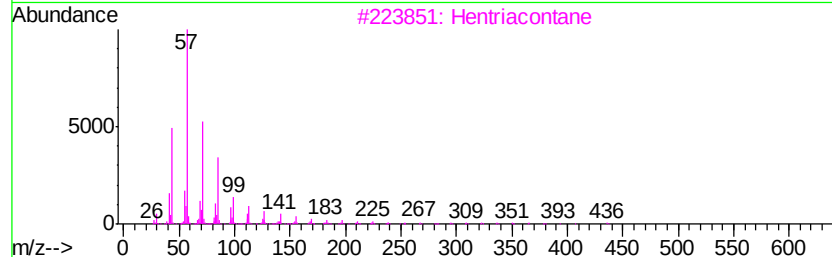
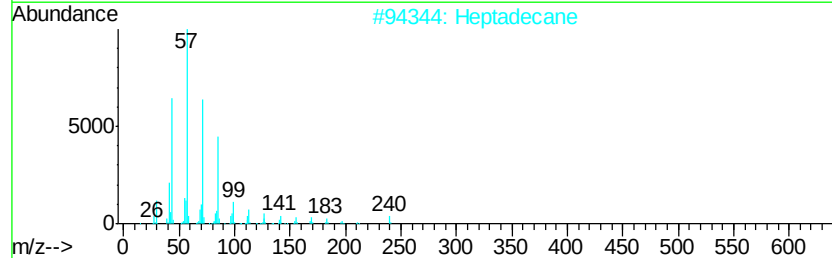
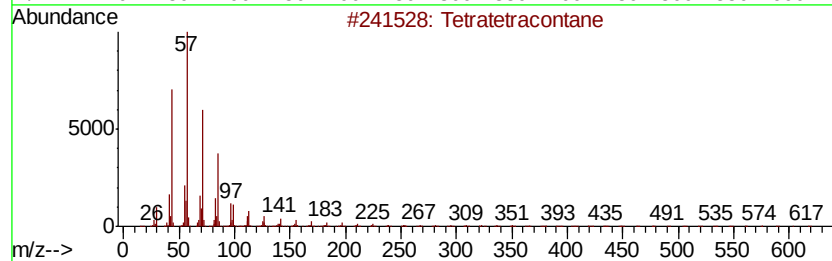
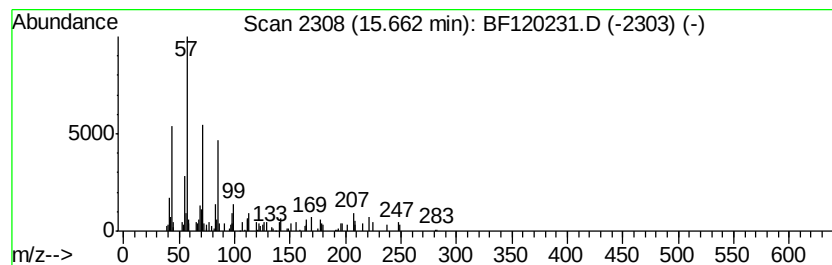
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Peak Number 6 Tetratetracontane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	2.90 ng	107455	Perylene-d12	15.23

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetratetracontane	619	C44H90	007098-22-8	74
2		Heptadecane	240	C17H36	000629-78-7	72
3		Hentriacontane	437	C31H64	000630-04-6	72
4		Octadecane	254	C18H38	000593-45-3	72
5		Tetracosane	338	C24H50	000646-31-1	68



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	11.73	6.7 ng		390025	4	11.18	1157800	20.0
Octadecanoic acid	12.51	4.8 ng		227314	5	13.82	945982	20.0
Trifluoroacetoxy ...	13.67	4.2 ng		199305	5	13.82	945982	20.0
Heptacosane	14.91	2.0 ng		75623	6	15.23	741326	20.0
Tetratetracontane	15.66	2.9 ng		107455	6	15.23	741326	20.0