

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030620\
 Data File : BF119255.D
 Acq On : 6 Mar 2020 17:44
 Operator : CG/JU
 Sample : L1783-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GP-10-030220

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_F\METHODS\8270-BF022020.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	4.928	480	483	496	rVB	94839	147039	3.76%	0.603%
2	5.351	552	555	577	rBV	1982902	2342118	59.91%	9.613%
3	6.381	726	730	751	rBV	2080444	2322767	59.42%	9.533%
4	6.722	785	788	798	rBV	647089	550917	14.09%	2.261%
5	6.881	811	815	826	rBV	2170409	2119204	54.21%	8.698%
6	7.286	880	884	902	rBV	1588841	1574591	40.28%	6.462%
7	8.004	1002	1006	1015	rBV	783491	713282	18.25%	2.927%
8	9.080	1184	1189	1192	rBV	3443863	3227390	82.56%	13.246%
9	9.475	1253	1256	1265	rVB	260808	229945	5.88%	0.944%
10	9.757	1300	1304	1313	rVB	958618	884230	22.62%	3.629%
11	10.545	1435	1438	1455	rBV	2058303	2184978	55.89%	8.968%
12	11.239	1552	1556	1565	rBV	1049003	956259	24.46%	3.925%
13	11.769	1643	1646	1659	rBV	109978	141986	3.63%	0.583%
14	12.551	1776	1779	1790	rBV3	33613	55374	1.42%	0.227%
15	12.821	1821	1825	1829	rBV	4047940	3909356	100.00%	16.045%
16	13.721	1973	1978	1992	rBV	197373	375542	9.61%	1.541%
17	13.880	2002	2005	2013	rVB	1023397	941115	24.07%	3.863%
18	14.033	2028	2031	2035	rBV	61118	52940	1.35%	0.217%
19	14.339	2078	2083	2086	rBV	97676	103861	2.66%	0.426%
20	14.633	2129	2133	2137	rBV	138550	132039	3.38%	0.542%
21	14.704	2141	2145	2148	rVV2	67702	69305	1.77%	0.284%
22	14.945	2182	2186	2191	rVB	130474	146861	3.76%	0.603%
23	15.304	2242	2247	2256	rBV	729819	1012631	25.90%	4.156%
24	15.704	2310	2315	2320	rVB	84490	110493	2.83%	0.453%
25	16.168	2389	2394	2401	rVB3	38241	61011	1.56%	0.250%

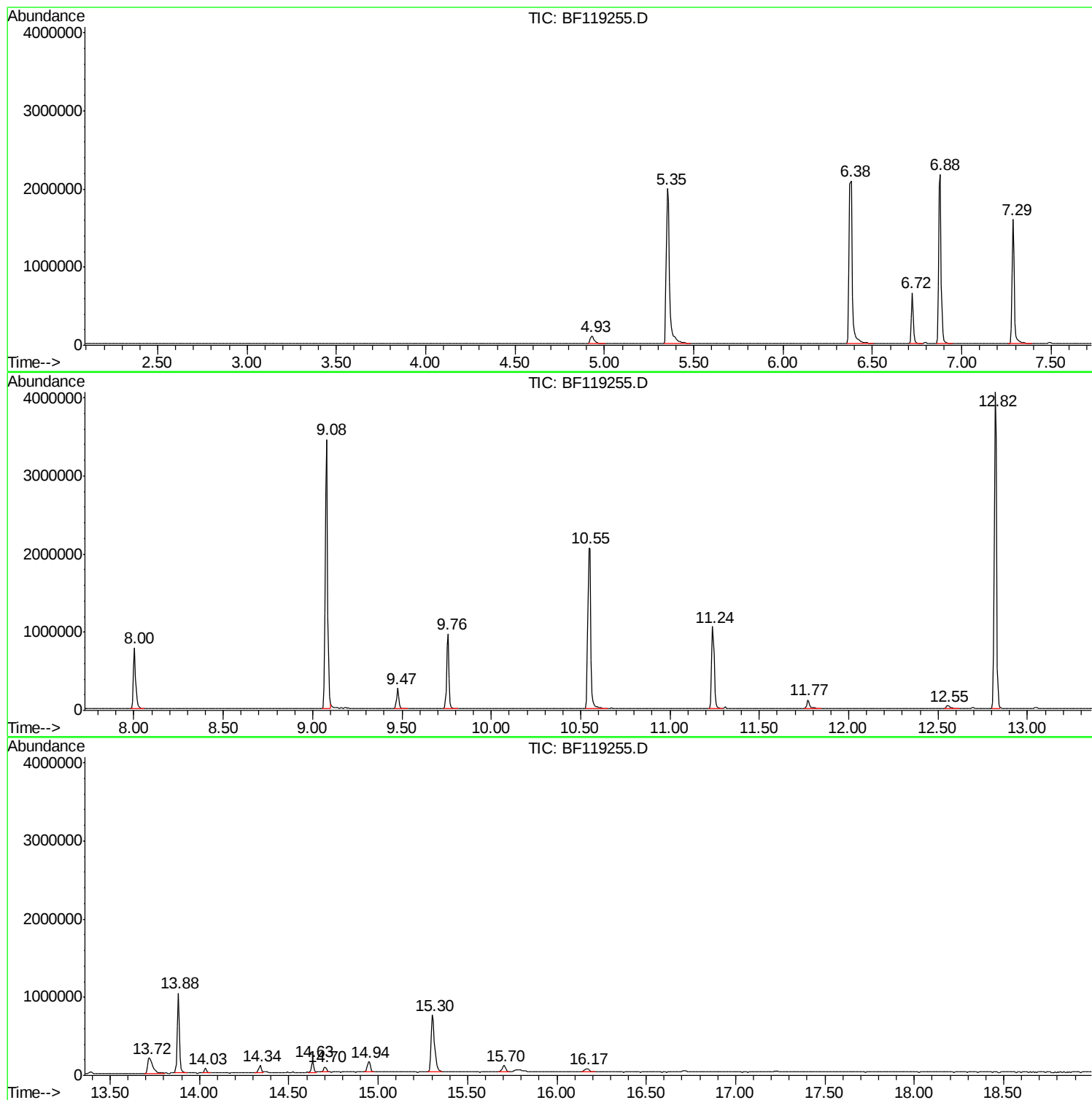
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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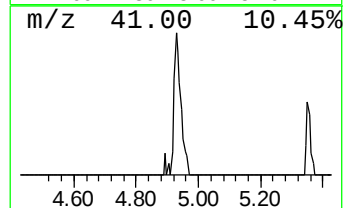
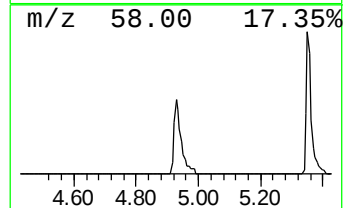
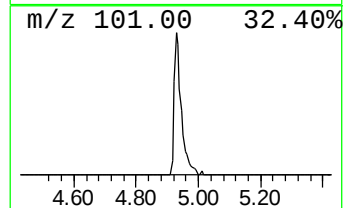
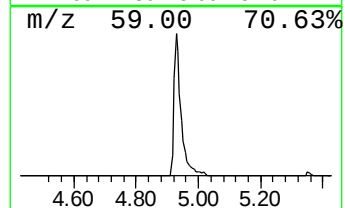
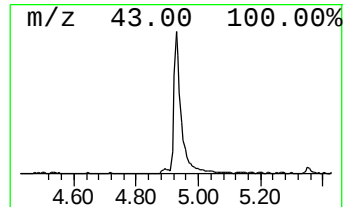
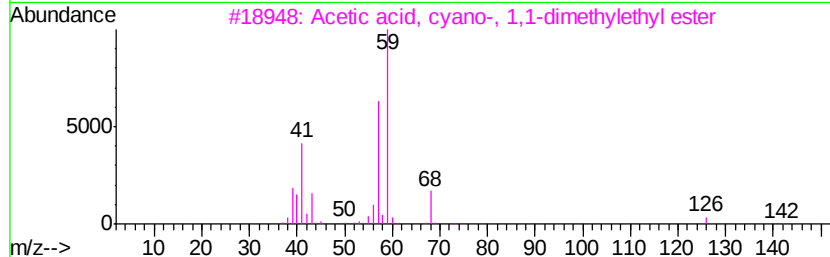
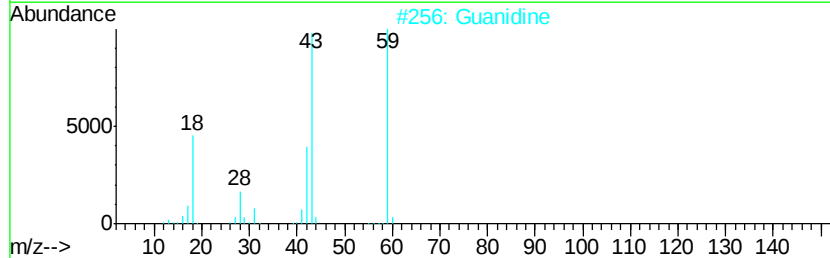
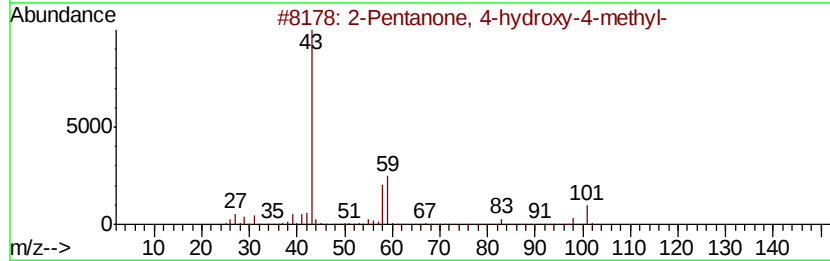
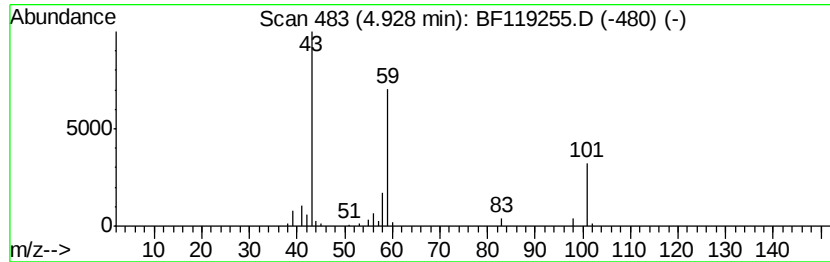
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.93	5.34 ng	147039	1,4-Dichlorobenzene-d4	6.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2			Guanidine	59	CH5N3	000113-00-8	43
3			Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	17
4			5-Hexen-2-one	98	C6H10O	000109-49-9	9
5			(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9



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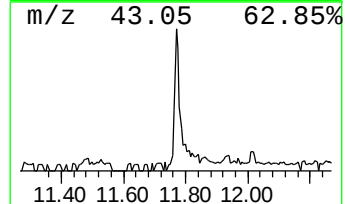
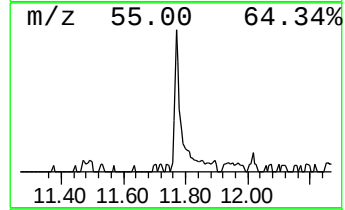
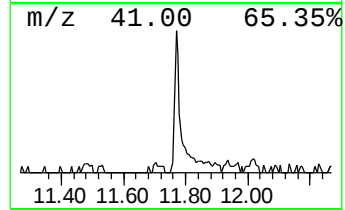
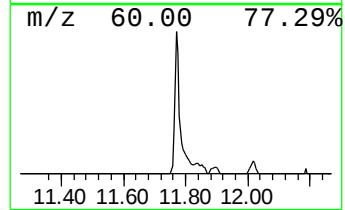
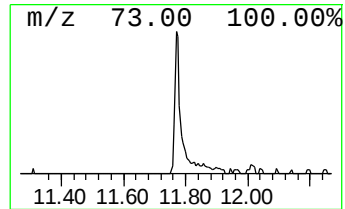
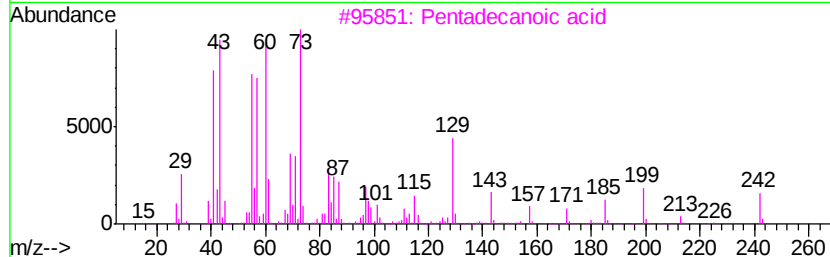
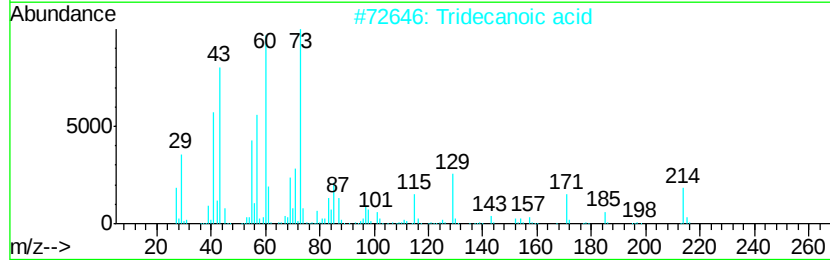
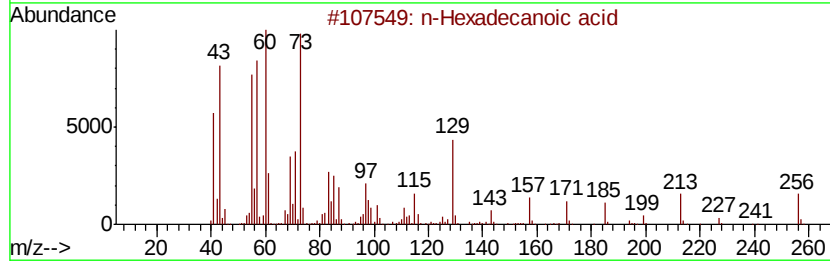
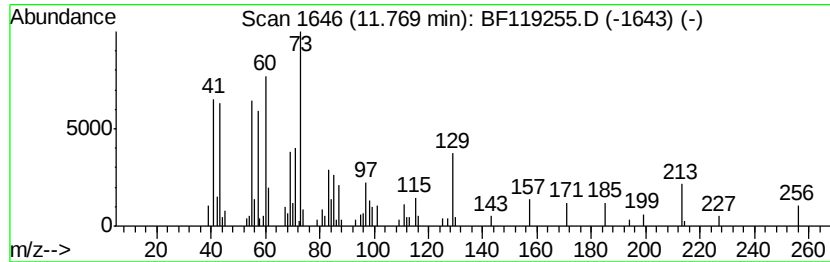
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ClientSampleId :
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.77	2.97 ng	141986	Phenanthrene-d10	11.24		
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	87
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5		Oxalic acid, allyl hexadecyl ester	354	C21H38O4	1000309-24-4	18



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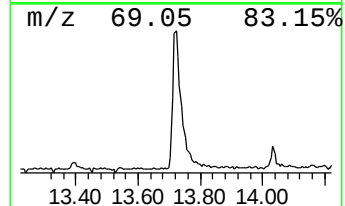
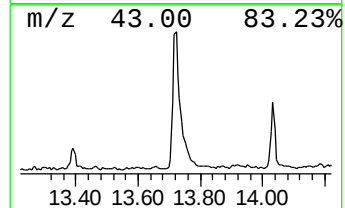
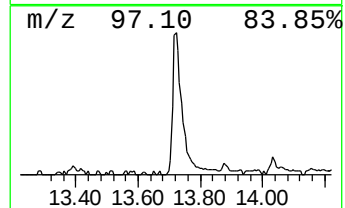
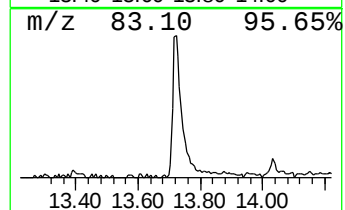
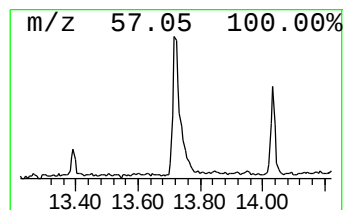
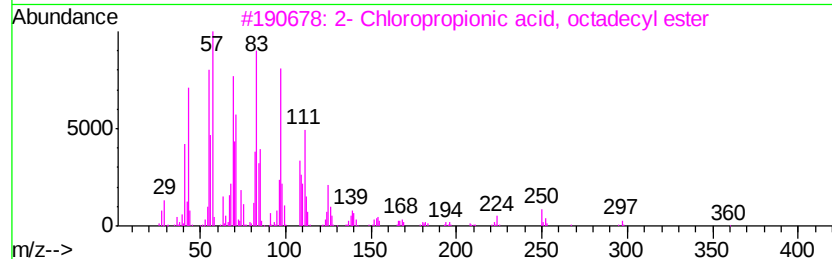
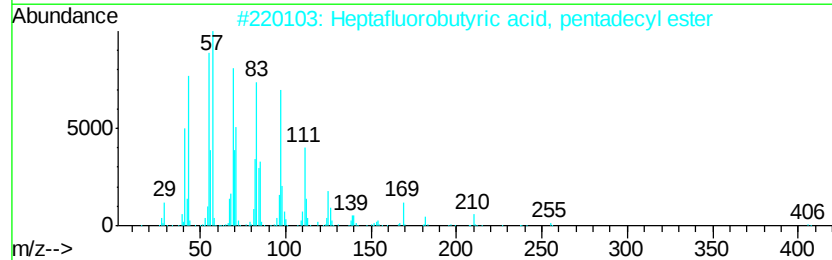
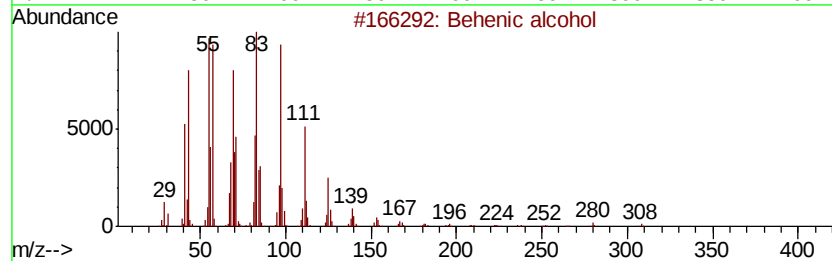
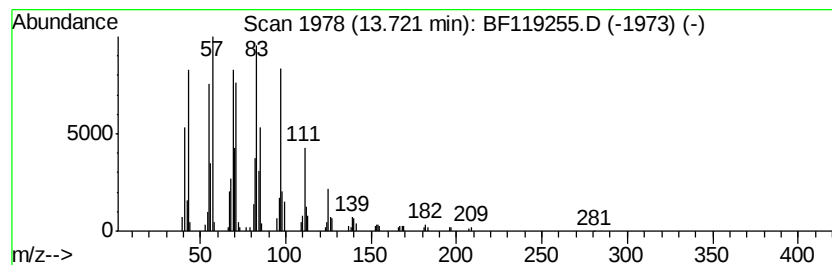
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 Behenic alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	7.98 ng	375542	Chrysene-d12	13.88

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Behenic alcohol	326	C22H46O	000661-19-8	93
2		Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	87
3		2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	87
4		Trifluoroacetoxv hexadecane	338	C18H33F3O2	006222-03-3	87
5		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	87



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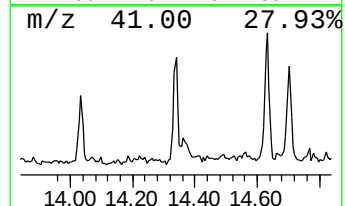
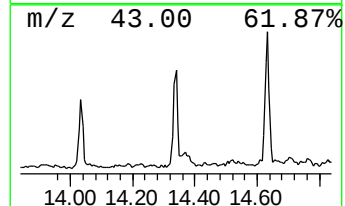
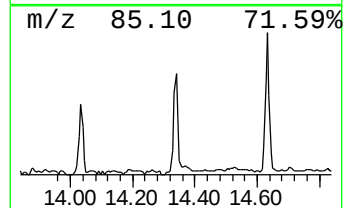
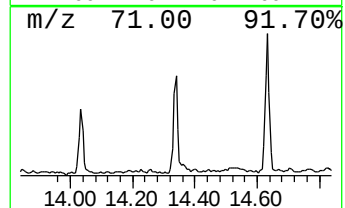
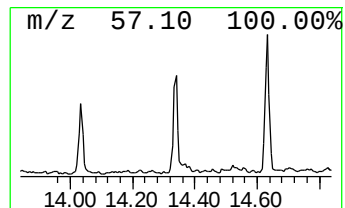
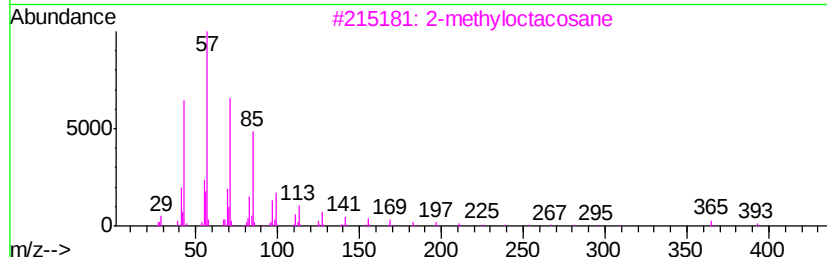
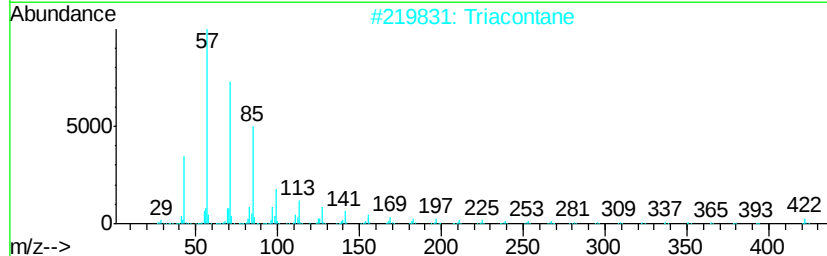
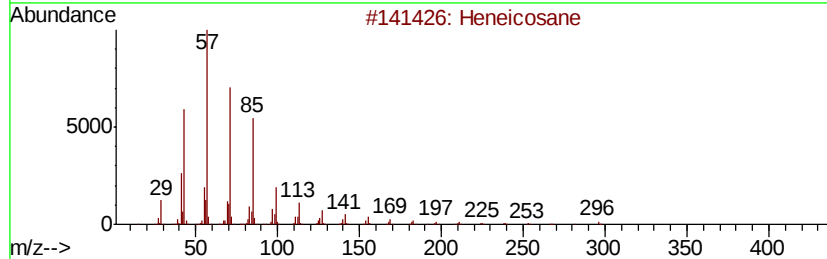
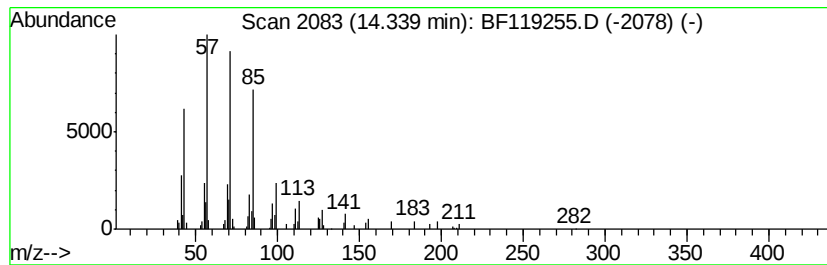
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Peak Number 5 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.34	2.21 ng	103861	Chrysene-d12	13.88

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	91
2	Triacotane		422	C30H62	000638-68-6	91
3	2-methyloctacosane		408	C29H60	1000376-72-8	91
4	Hexacosane		366	C26H54	000630-01-3	91
5	Tetracosane		338	C24H50	000646-31-1	91



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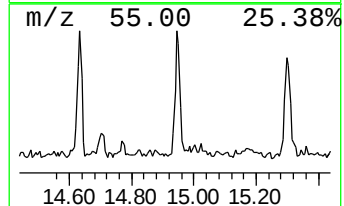
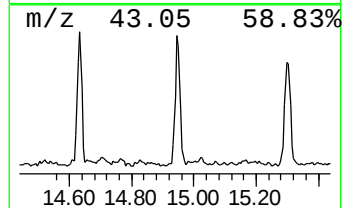
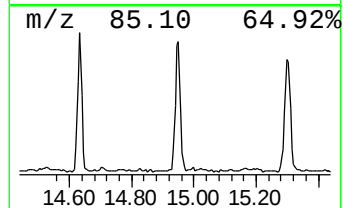
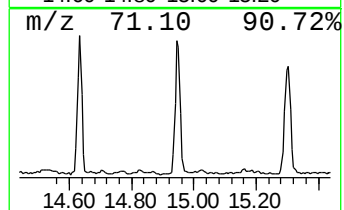
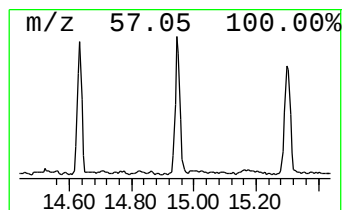
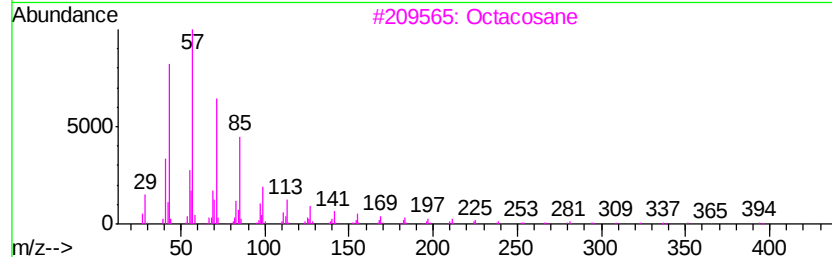
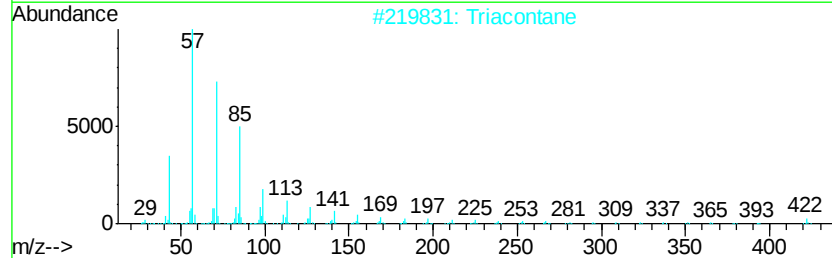
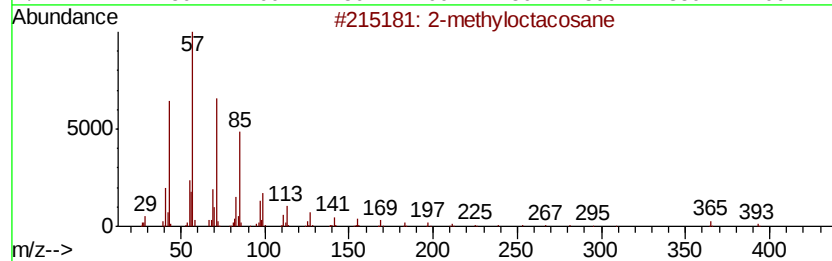
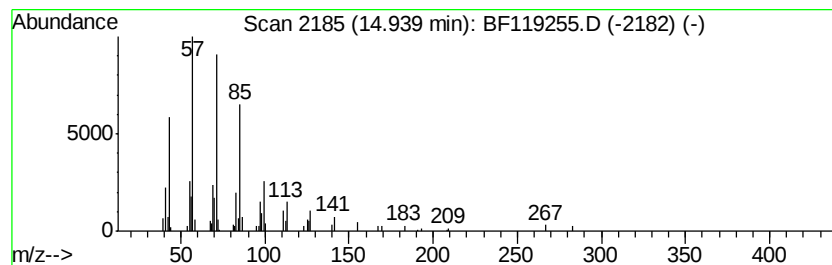
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 7 2-methyloctacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.94	2.90 ng	146861	Perylene-d12	15.30

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-methyloctacosane	408	C29H60	1000376-72-8	91
2		Triacontane	422	C30H62	000638-68-6	91
3		Octacosane	394	C28H58	000630-02-4	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.93	5.3	ng	147039	1	6.72	550917	20.0
n-Hexadecanoic acid	11.77	3.0	ng	141986	4	11.24	956259	20.0
Behenic alcohol	13.72	8.0	ng	375542	5	13.88	941115	20.0
Heneicosane	14.34	2.2	ng	103861	5	13.88	941115	20.0
2-methyloctacosane	14.94	2.9	ng	146861	6	15.30	1012630	20.0