

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072325\
 Data File : BM050493.D
 Acq On : 23 Jul 2025 16:57
 Operator : RC/JU
 Sample : Q2664-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GDW3

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-BM070925.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM050493.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.028	3	7	27	rVB	14263171	19001088	45.19%	9.594%
2	4.034	172	178	189	rVB	1410336	1935550	4.60%	0.977%
3	4.957	330	335	346	rVB	538712	771136	1.83%	0.389%
4	5.422	408	414	421	rBV	7029624	10377767	24.68%	5.240%
5	5.493	421	426	435	rVB	347856	743854	1.77%	0.376%
6	7.010	676	684	692	rBV	4351858	6908292	16.43%	3.488%
7	7.845	818	826	834	rBV	2691431	4173218	9.93%	2.107%
8	8.998	1007	1022	1035	rBV	8184356	13857123	32.96%	6.997%
9	10.639	1293	1301	1308	rBV	3093247	5364542	12.76%	2.709%
10	13.104	1712	1720	1732	rBV	22265389	32784523	77.97%	16.553%
11	14.474	1945	1953	1966	rBV	4651648	7070449	16.82%	3.570%
12	14.898	2017	2025	2036	rBV	687755	1119943	2.66%	0.565%
13	15.957	2198	2205	2226	rBV	16880554	24848926	59.10%	12.547%
14	17.210	2412	2418	2430	rVB2	5297270	7863657	18.70%	3.970%
15	18.104	2565	2570	2579	rBV	836862	1515452	3.60%	0.765%
16	19.380	2783	2787	2800	rBV	640614	1221472	2.91%	0.617%
17	19.827	2857	2863	2869	rBV2	34626228	42047035	100.00%	21.230%
18	21.439	3131	3137	3143	rBV	5602315	8062179	19.17%	4.071%
19	24.468	3644	3652	3670	rVB	3229910	8386435	19.95%	4.234%

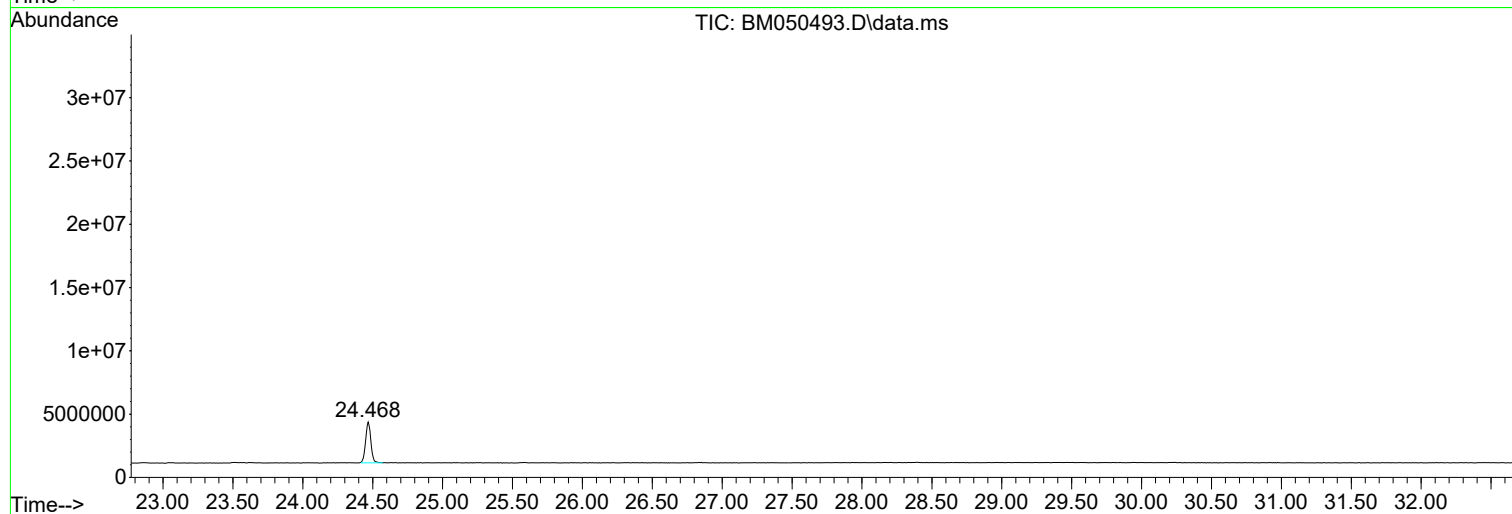
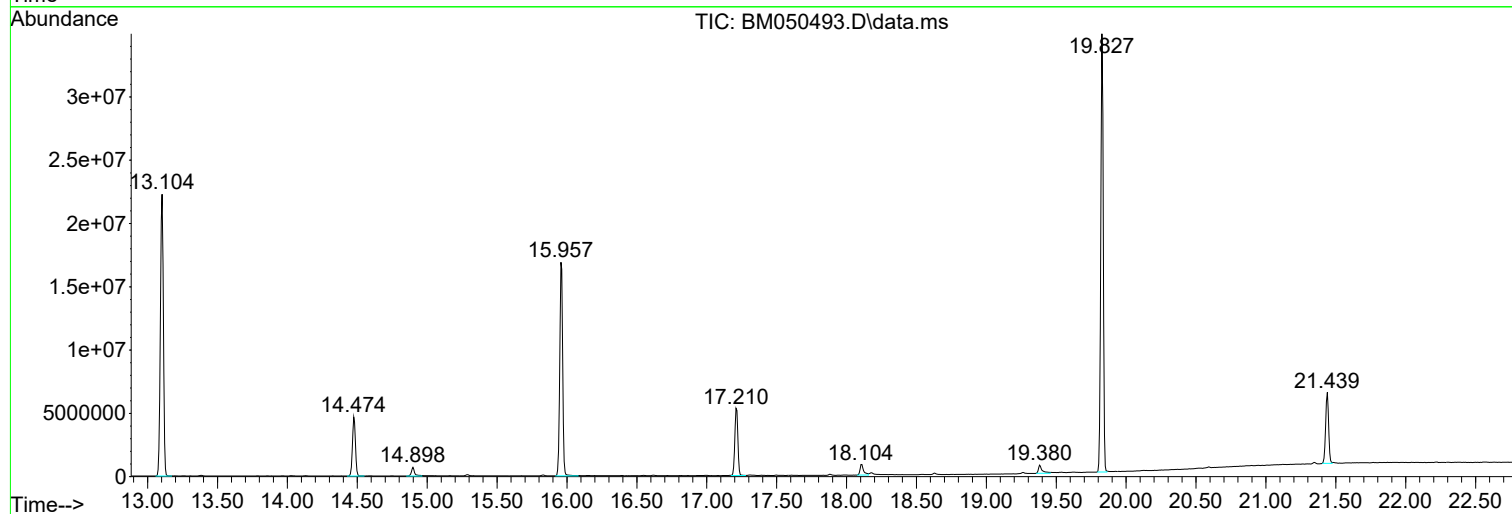
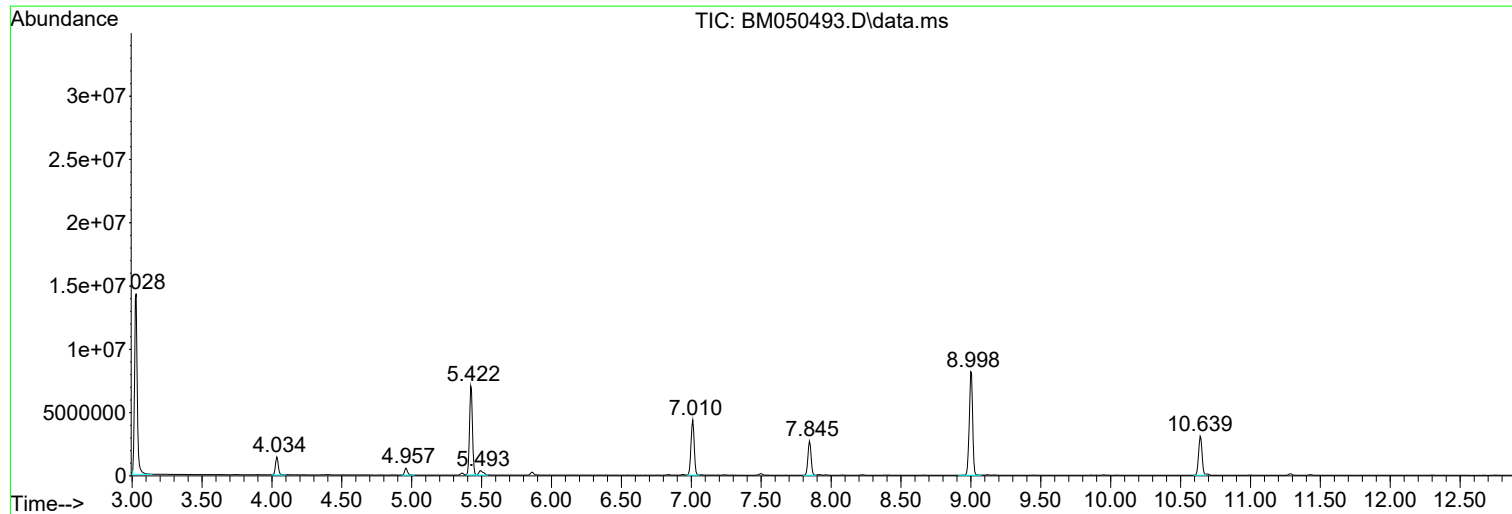
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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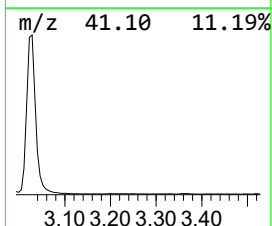
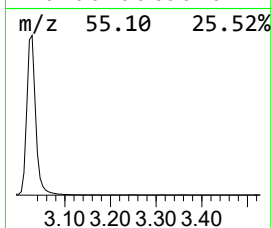
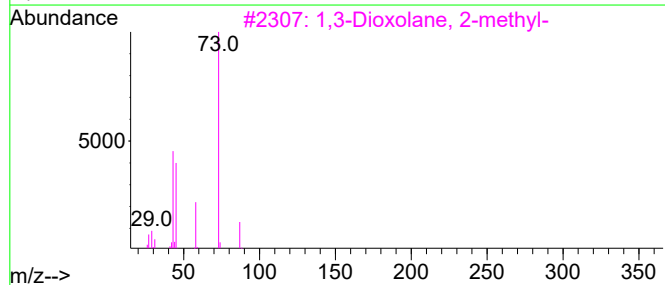
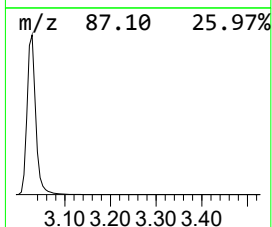
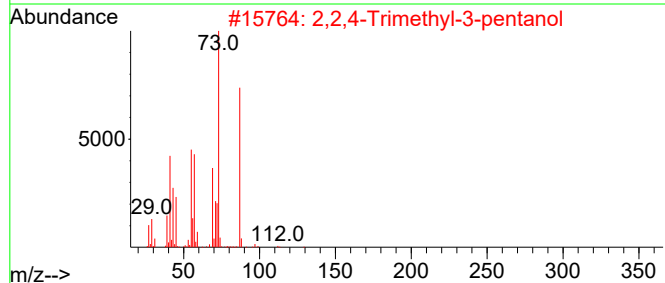
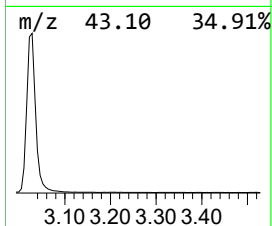
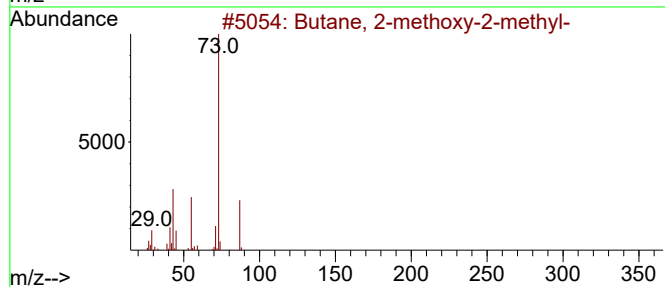
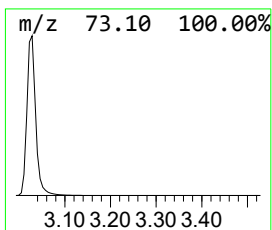
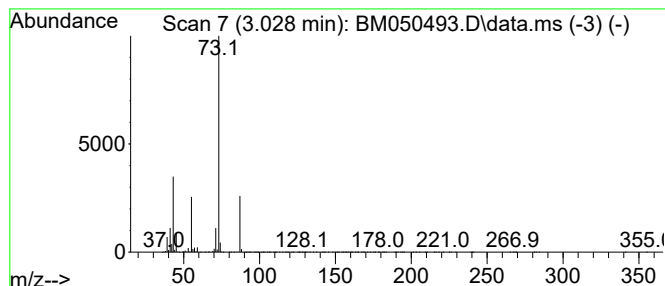
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.028	91.06 ng	19001100	1,4-Dichlorobenzene-d4	7.845

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5			Silane, tetramethyl-	88	C4H12Si	000075-76-3	17



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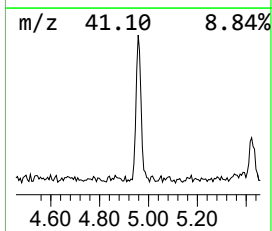
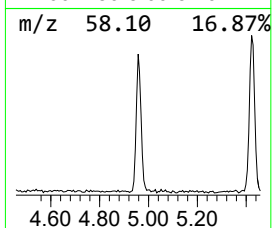
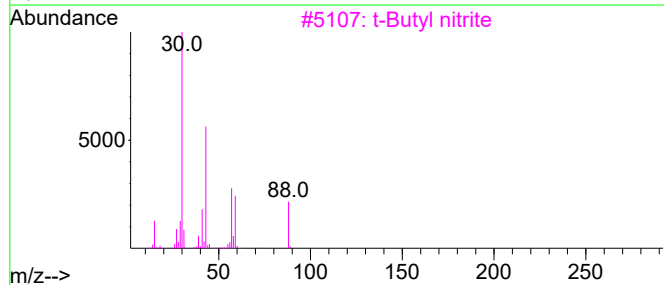
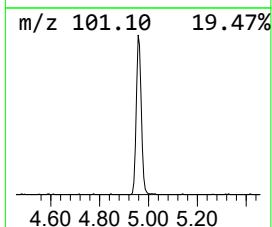
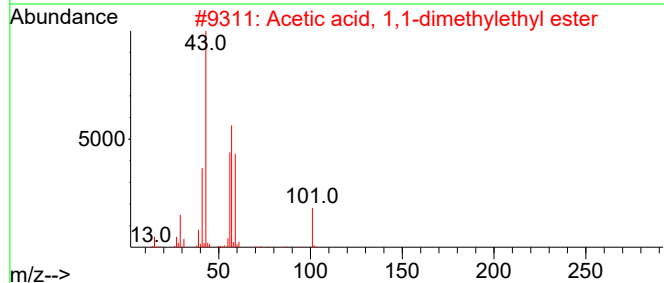
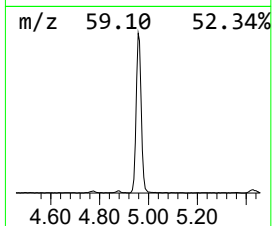
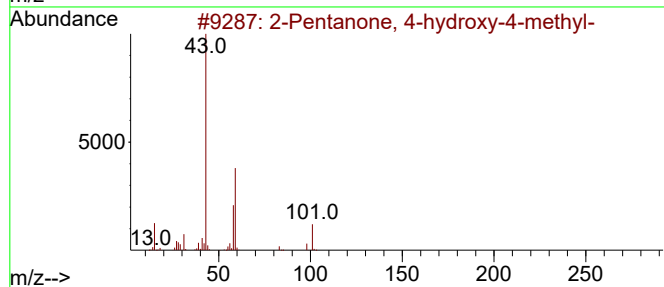
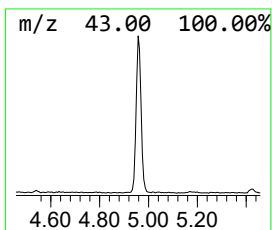
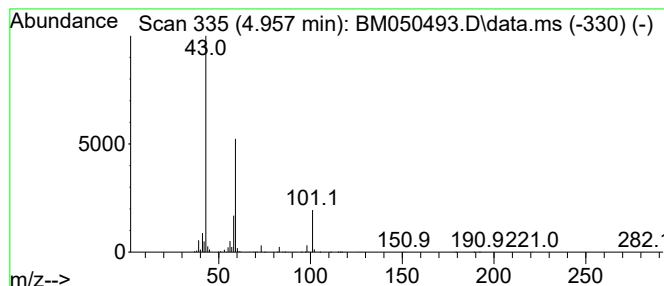
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.957	3.70 ng	771136	1,4-Dichlorobenzene-d4	7.845

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3			t-Butyl nitrite	103	C4H9NO2	000540-80-7	38
4			Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	25
5			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23



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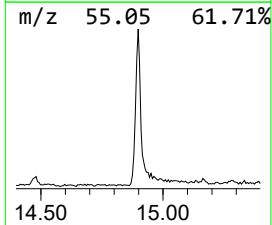
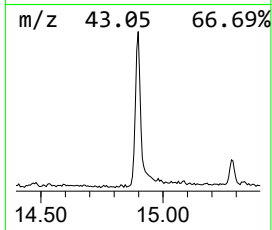
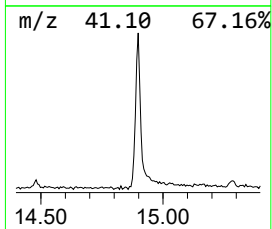
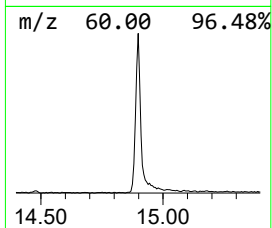
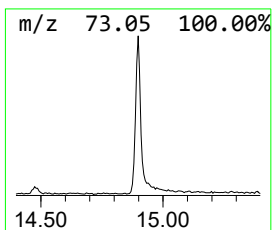
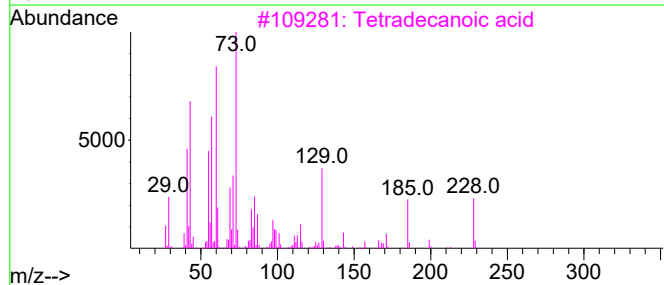
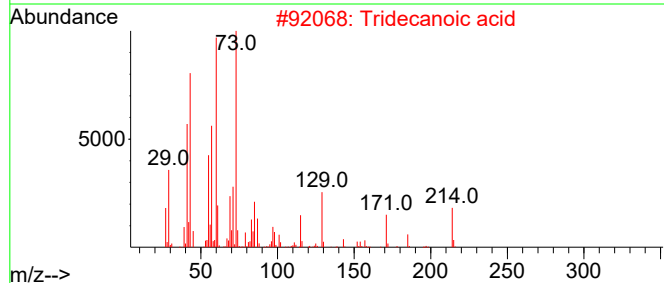
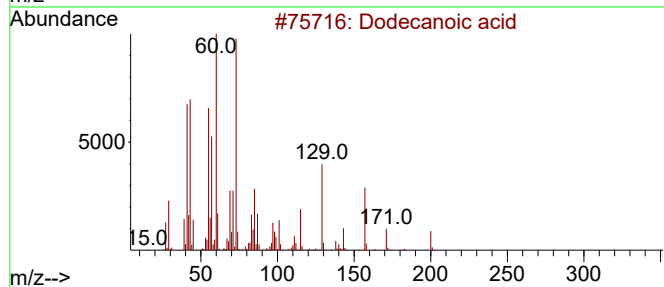
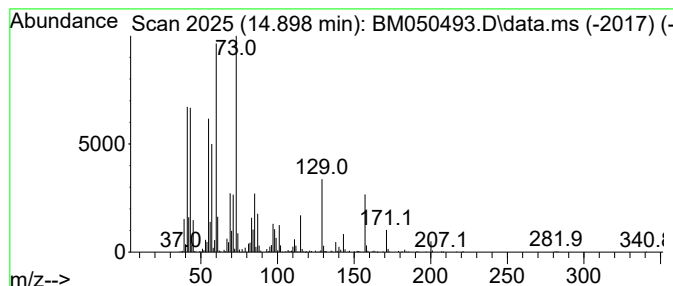
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Peak Number 5 Dodecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.898	3.17 ng	1119940	Acenaphthene-d10	14.475

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecanoic acid	200	C12H24O2	000143-07-7	98
2			Tridecanoic acid	214	C13H26O2	000638-53-9	86
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	74
4			Undecanoic acid	186	C11H22O2	000112-37-8	72
5			Nonanoic acid	158	C9H18O2	000112-05-0	70



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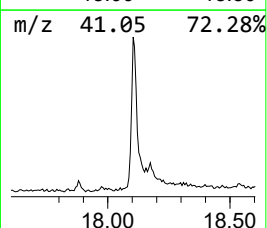
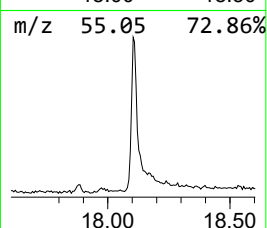
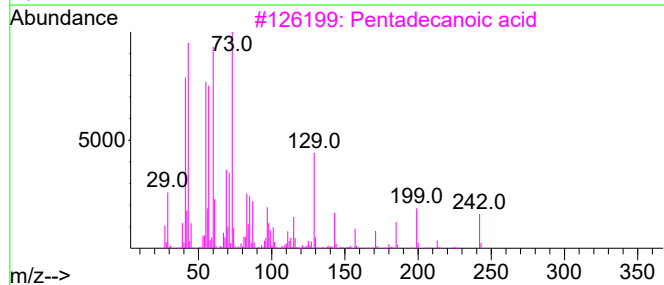
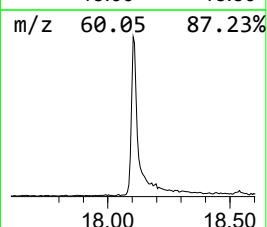
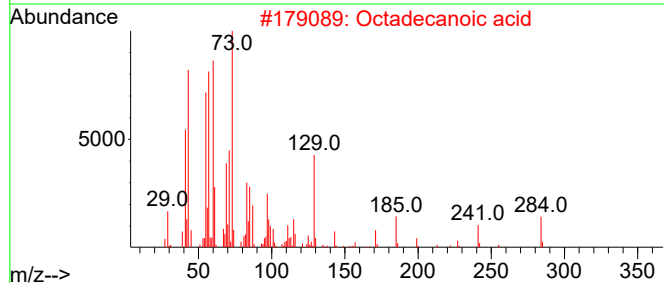
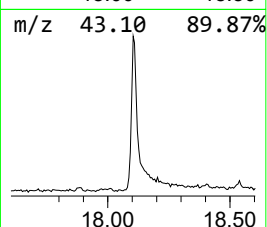
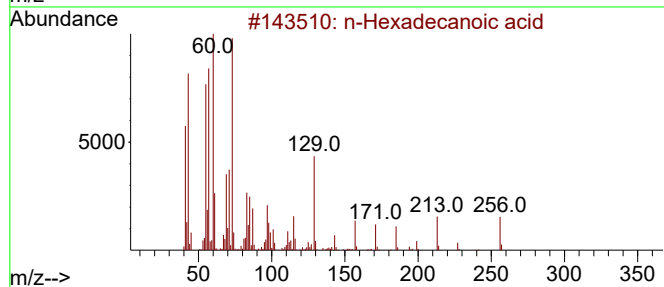
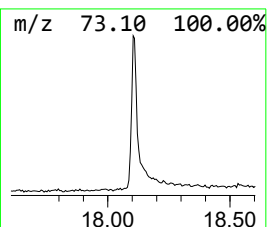
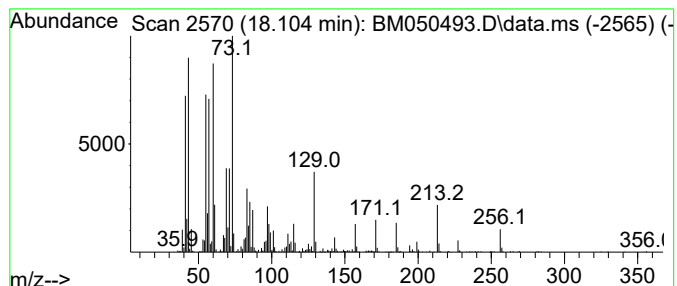
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TIC Library : C:\Database\NIST20.L
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Peak Number 6 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.104	3.85 ng	1515450	Phenanthrene-d10	17.210

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Octadecanoic acid	284	C18H36O2	000057-11-4	93
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5			Tridecanoic acid	214	C13H26O2	000638-53-9	76



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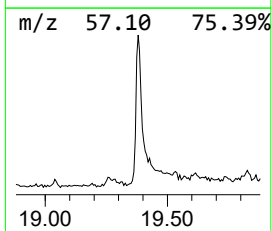
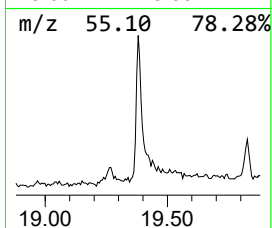
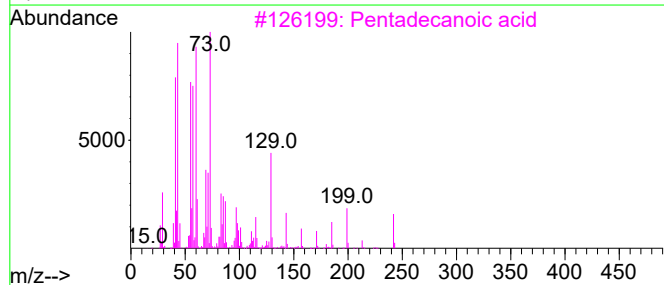
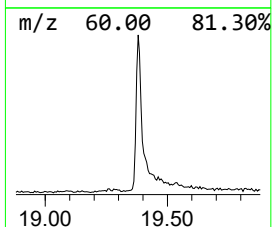
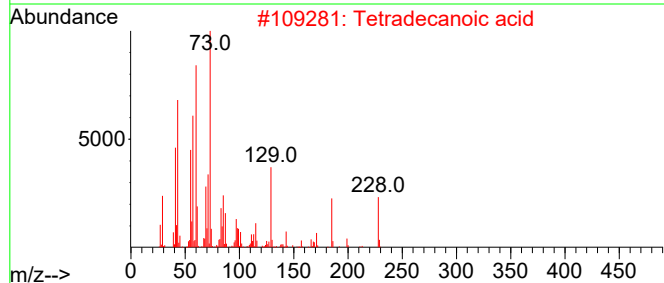
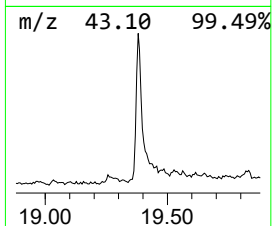
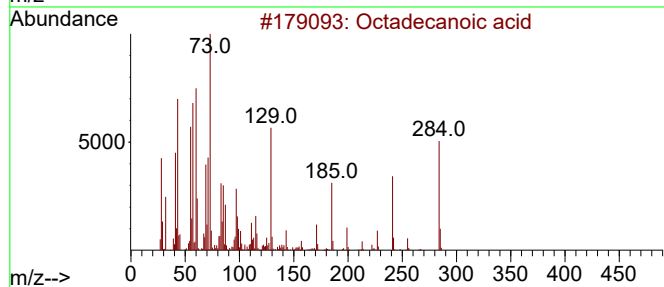
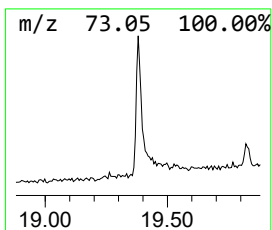
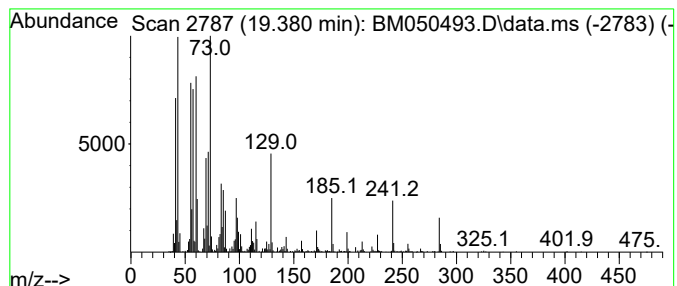
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TIC Library : C:\Database\NIST20.L
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Peak Number 7 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.380	3.03 ng	1221470	Chrysene-d12	21.439

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	83
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	76
4			Tridecanoic acid	214	C13H26O2	000638-53-9	76
5			Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	72



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-metho...	3.028	91.1	ng	19001100	1	7.845	4173220	20.0
2-Pentanone, 4-...	4.957	3.7	ng	771136	1	7.845	4173220	20.0
Dodecanoic acid	14.898	3.2	ng	1119940	3	14.475	7070450	20.0
n-Hexadecanoic ...	18.104	3.9	ng	1515450	4	17.210	7863660	20.0
Octadecanoic acid	19.380	3.0	ng	1221470	5	21.439	8062180	20.0