

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071025\
 Data File : BM050403.D
 Acq On : 10 Jul 2025 23:59
 Operator : RC/JU
 Sample : Q2543-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-23-99

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: BM050403.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.040	4	9	25	rVB	1465793	2017799	8.54%	1.618%
2	4.975	332	338	345	rBV	562156	824528	3.49%	0.661%
3	5.434	409	416	427	rBV	7161864	10476521	44.36%	8.403%
4	7.022	676	686	699	rBV	7083603	11106381	47.02%	8.908%
5	7.863	821	829	836	rBV	2318559	3653422	15.47%	2.930%
6	9.016	1016	1025	1033	rBV	4133216	6799427	28.79%	5.453%
7	10.657	1295	1304	1314	rBV	2868399	4697179	19.89%	3.767%
8	13.116	1715	1722	1731	rBV	10351471	14956077	63.32%	11.995%
9	14.486	1948	1955	1967	rBV	4152836	6240576	26.42%	5.005%
10	15.839	2179	2185	2193	rBV	1297518	1794343	7.60%	1.439%
11	15.968	2200	2207	2226	rBV	9532365	12592430	53.31%	10.100%
12	17.221	2413	2420	2432	rBV2	5177921	7371769	31.21%	5.912%
13	18.121	2567	2573	2582	rBV	692096	1045284	4.43%	0.838%
14	19.392	2785	2789	2798	rBV2	158691	249253	1.06%	0.200%
15	19.839	2859	2865	2874	rBV	19331079	23619546	100.00%	18.944%
16	21.127	3080	3084	3094	rBV2	581921	923103	3.91%	0.740%
17	21.444	3132	3138	3155	rBV	5923632	8636048	36.56%	6.926%
18	24.480	3646	3654	3676	rVB	3019609	7679111	32.51%	6.159%

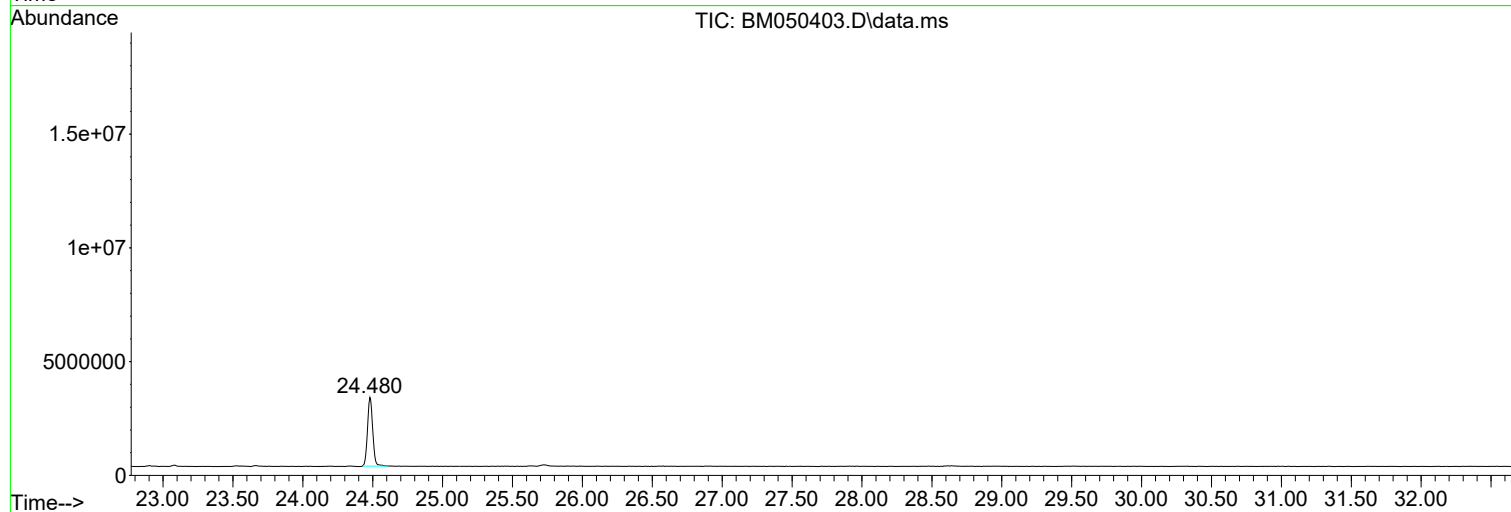
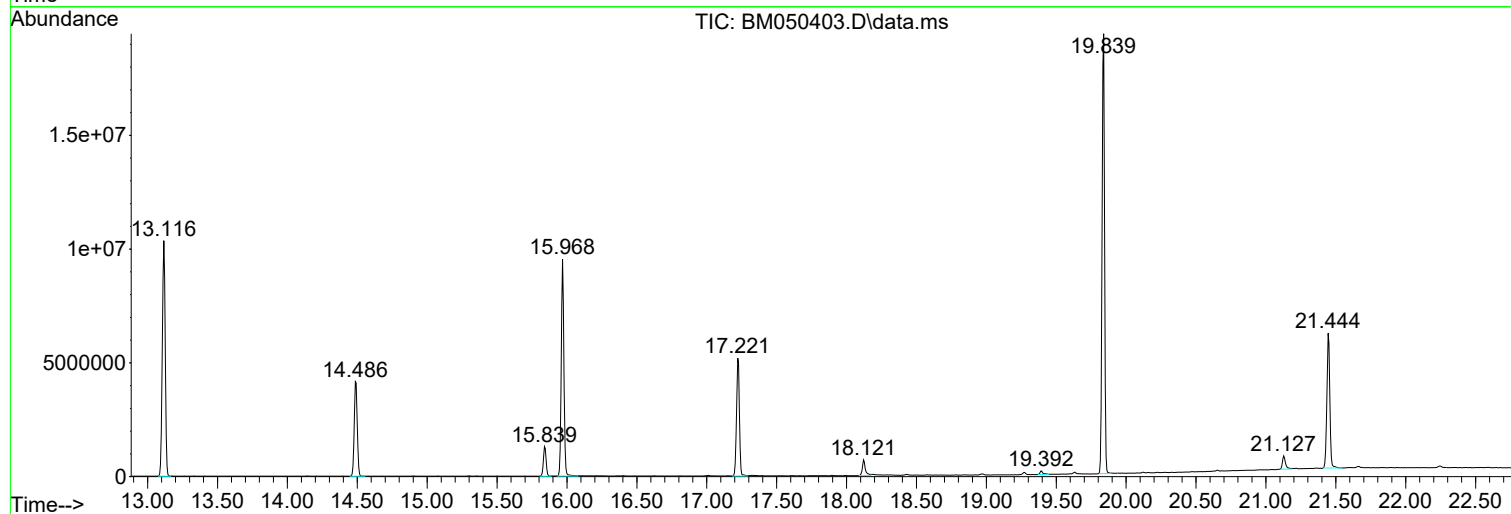
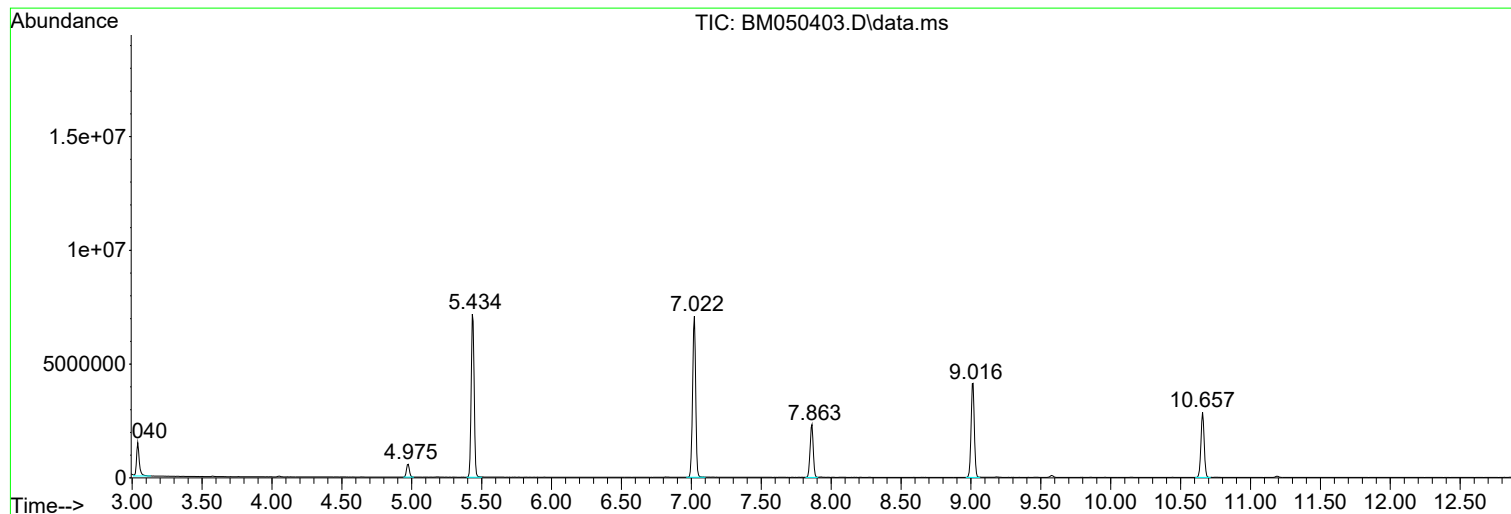
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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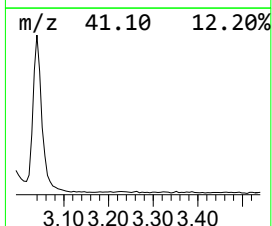
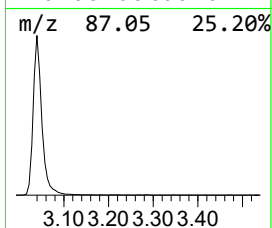
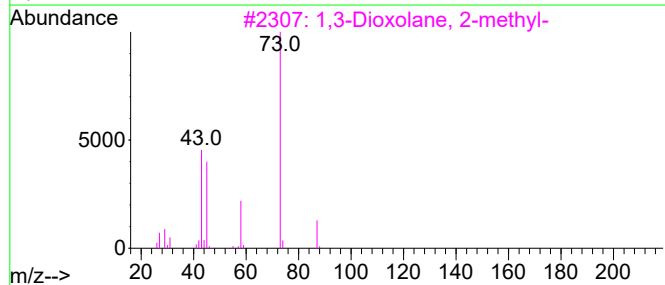
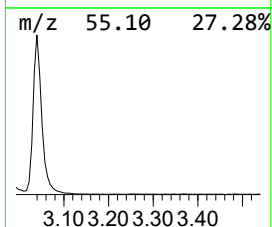
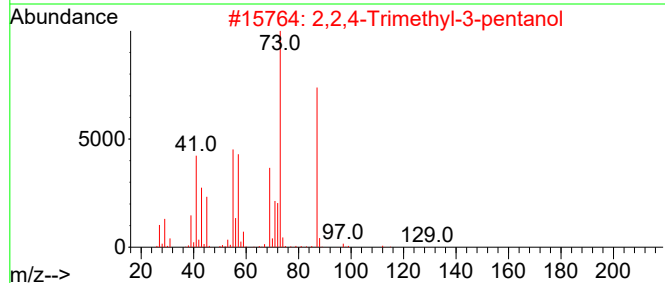
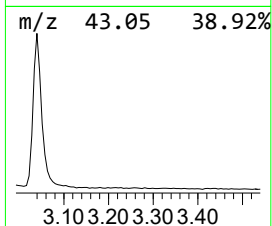
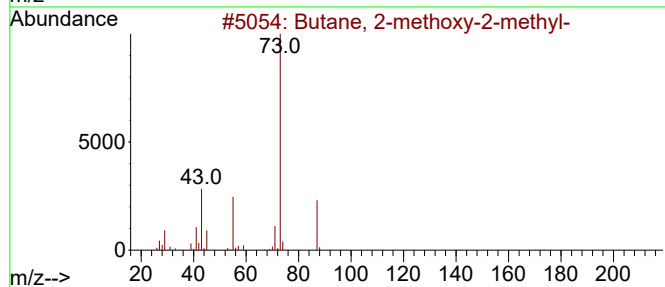
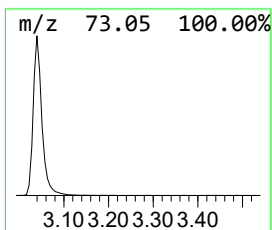
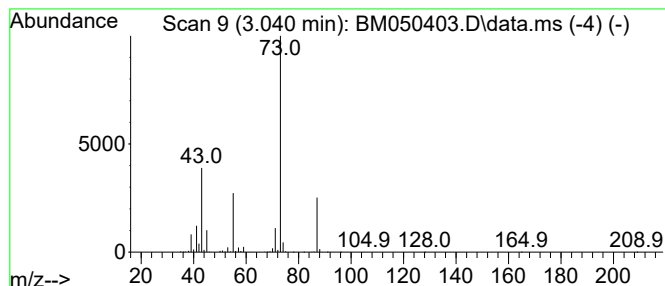
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
3.040	11.05 ng	2017800	1,4-Dichlorobenzene-d4	7.863

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
4			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5			1-Propene-1-thiol	74	C3H6S	000925-89-3	9



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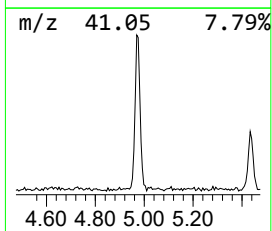
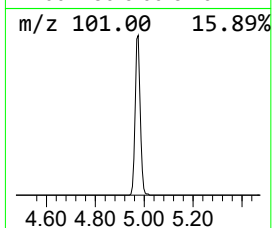
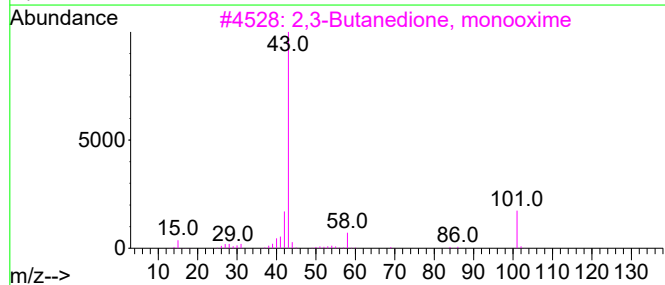
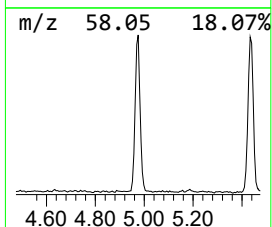
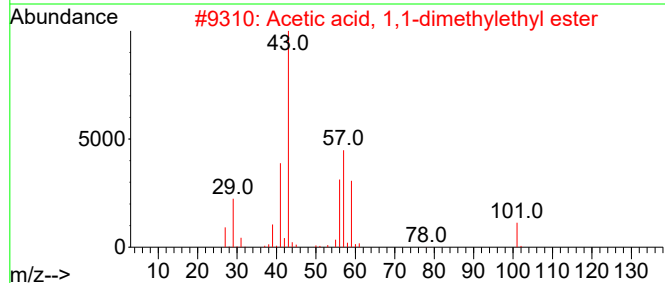
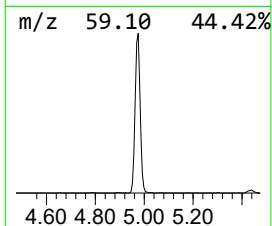
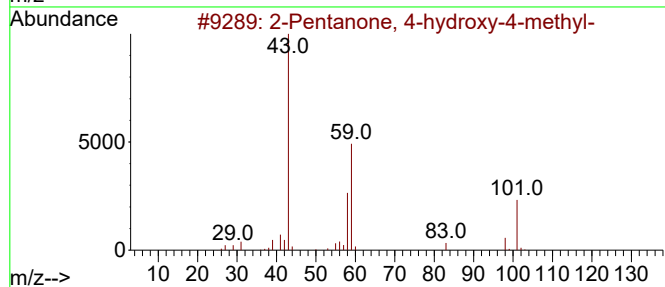
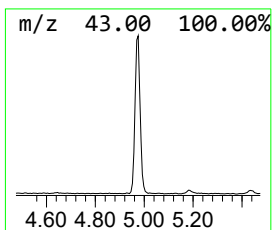
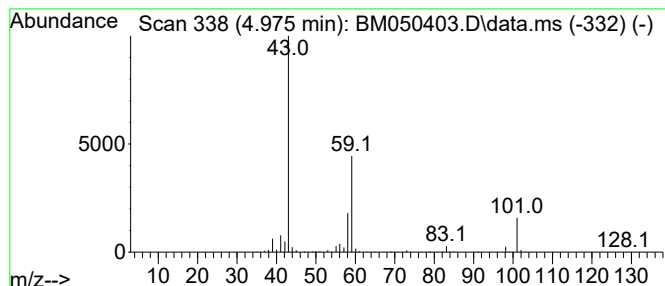
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.975	4.51 ng	824528	1,4-Dichlorobenzene-d4	7.863

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	83
2		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
3		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
4		1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
5		Formamide, N,N-diethyl-	101	C5H11NO	000617-84-5	9



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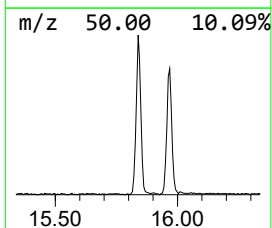
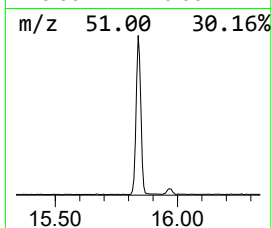
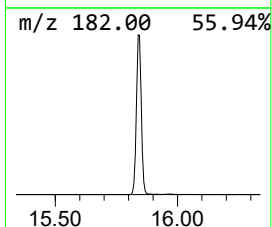
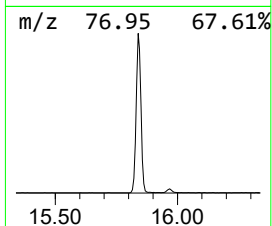
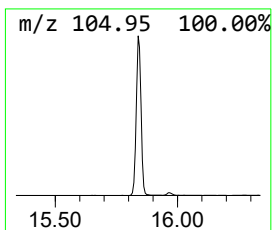
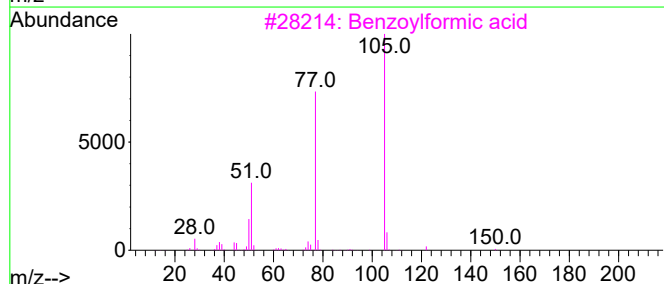
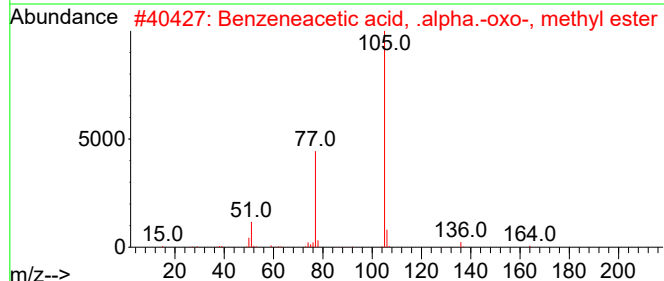
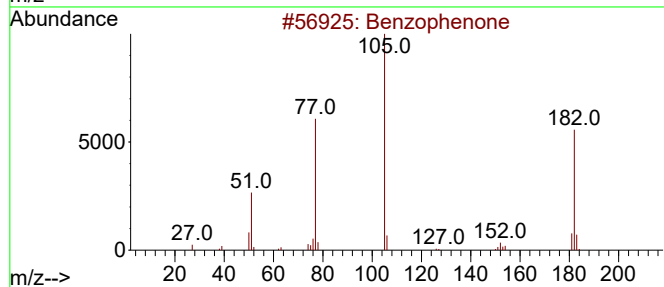
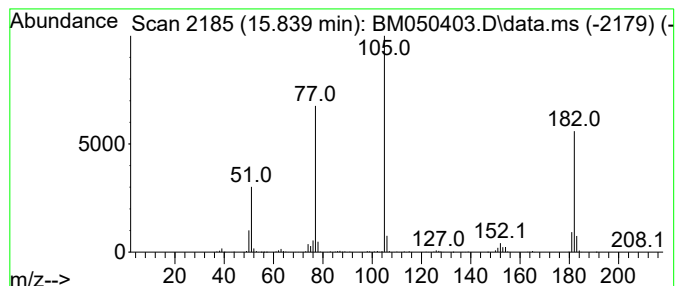
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Peak Number 3 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.839	5.75 ng	1794340	Acenaphthene-d10	14.486

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			Benzeneacetic acid, .alpha.-oxo-...	164	C9H8O3	015206-55-0	49
3			Benzoylformic acid	150	C8H6O3	000611-73-4	49
4			Isopropyl phenyl ketone	148	C10H12O	000611-70-1	47
5			1-Butanone, 1-phenyl-	148	C10H12O	000495-40-9	47



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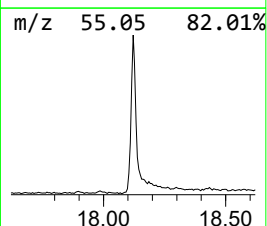
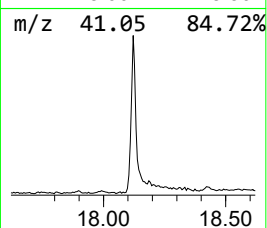
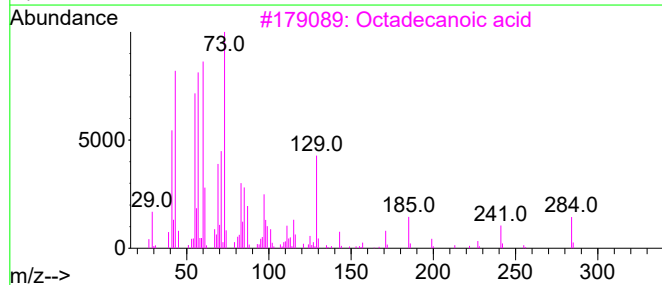
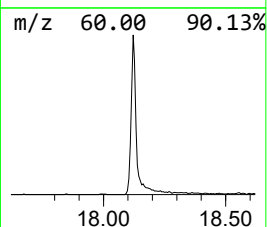
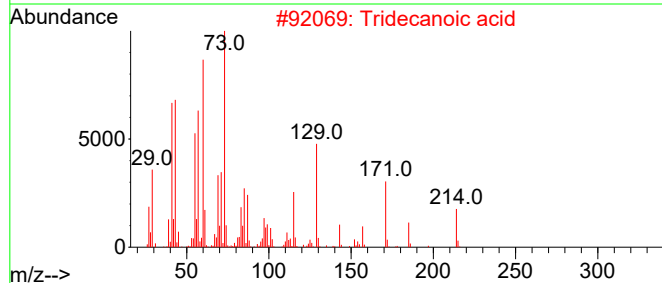
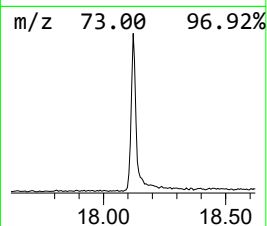
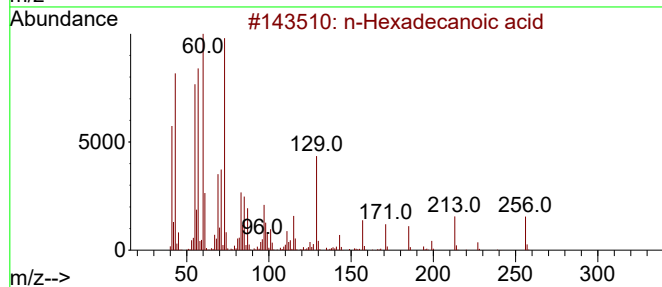
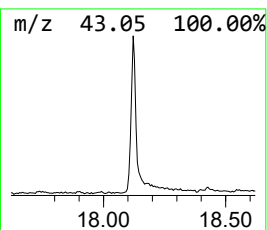
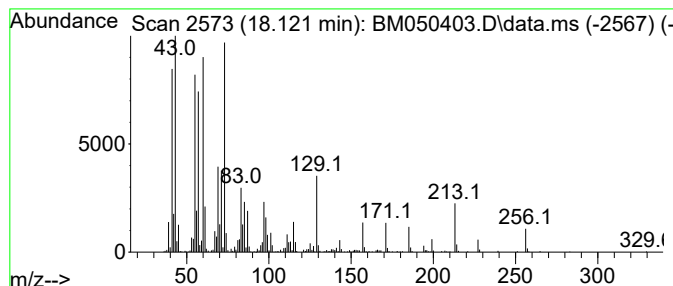
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.121	2.84 ng	1045280	Phenanthrene-d10	17.221

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	93
3			Octadecanoic acid	284	C18H36O2	000057-11-4	87
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	81
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	64



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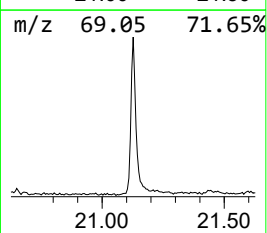
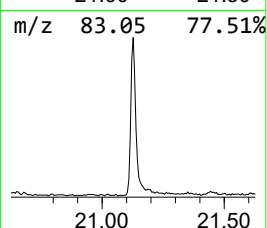
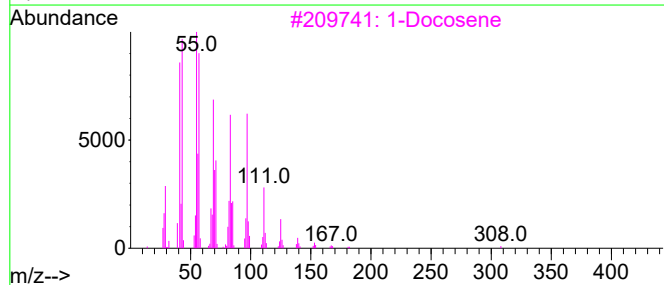
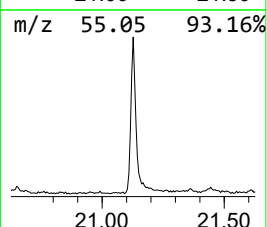
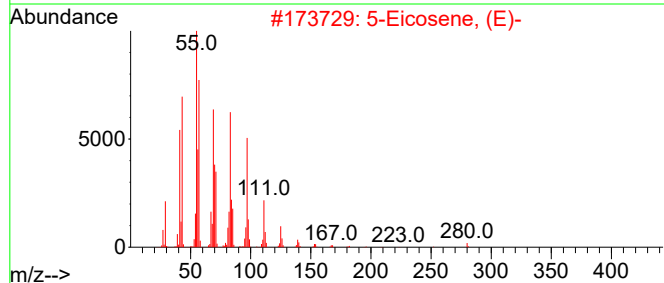
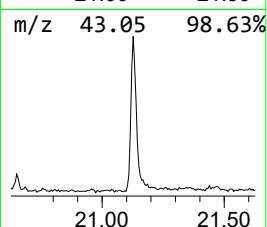
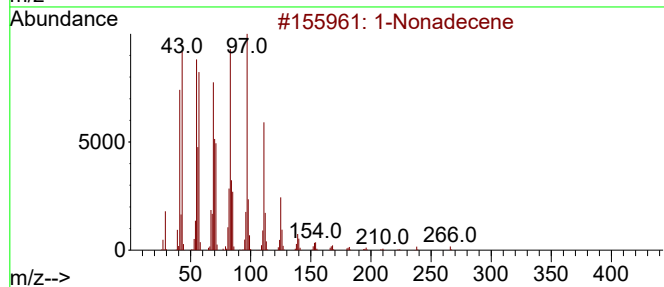
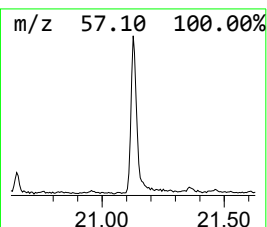
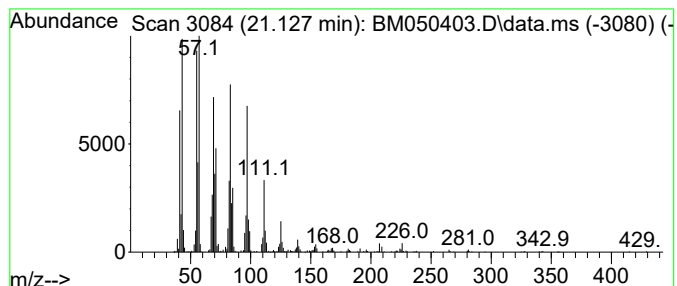
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Peak Number 5 1-Nonadecene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.127	2.14 ng	923103	Chrysene-d12	21.444	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	96
2	5-Eicosene, (E)-	280	C20H40	074685-30-6	95
3	1-Docosene	308	C22H44	001599-67-3	94
4	Octacosanol	410	C28H58O	000557-61-9	94
5	1-Hexacosene	364	C26H52	018835-33-1	94



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-metho...	3.040	11.1	ng	2017800	1	7.863	3653420	20.0
2-Pentanone, 4-...	4.975	4.5	ng	824528	1	7.863	3653420	20.0
Benzophenone	15.839	5.8	ng	1794340	3	14.486	6240580	20.0
n-Hexadecanoic ...	18.121	2.8	ng	1045280	4	17.221	7371770	20.0
1-Nonadecene	21.127	2.1	ng	923103	5	21.444	8636050	20.0