

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081425\
 Data File : BF143411.D
 Acq On : 15 Aug 2025 09:46
 Operator : RC/JU
 Sample : Q2815-09
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TW-88H-W

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-BF081225.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143411.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.299	7	18	33	rVB	2613121	4531742	96.94%	15.176%
2	5.169	498	506	514	rBV	246325	387212	8.28%	1.297%
3	5.569	569	574	593	rBV	2109607	2884712	61.71%	9.660%
4	6.563	737	743	755	rBV	1653563	2267152	48.50%	7.592%
5	6.934	801	806	814	rBV	669591	843796	18.05%	2.826%
6	7.492	894	901	906	rBV	1951084	2789514	59.67%	9.341%
7	8.210	1018	1023	1040	rVB	802728	1086022	23.23%	3.637%
8	9.286	1200	1206	1217	rBV	3468627	4674812	100.00%	15.655%
9	9.969	1316	1322	1344	rVB	919690	1173039	25.09%	3.928%
10	10.680	1438	1443	1447	rBV	194270	255701	5.47%	0.856%
11	10.757	1451	1456	1472	rVV	1877124	2514616	53.79%	8.421%
12	10.986	1490	1495	1504	rVB	54112	77144	1.65%	0.258%
13	11.457	1569	1575	1582	rBV	739332	971073	20.77%	3.252%
14	11.980	1655	1664	1678	rBV2	69326	157780	3.38%	0.528%
15	13.039	1838	1844	1849	rBV	2741675	3523556	75.37%	11.799%
16	13.939	1993	1997	2015	rBV5	21601	84450	1.81%	0.283%
17	14.098	2018	2024	2035	rVB	512316	714953	15.29%	2.394%
18	15.592	2272	2278	2287	rBV	560336	924915	19.79%	3.097%

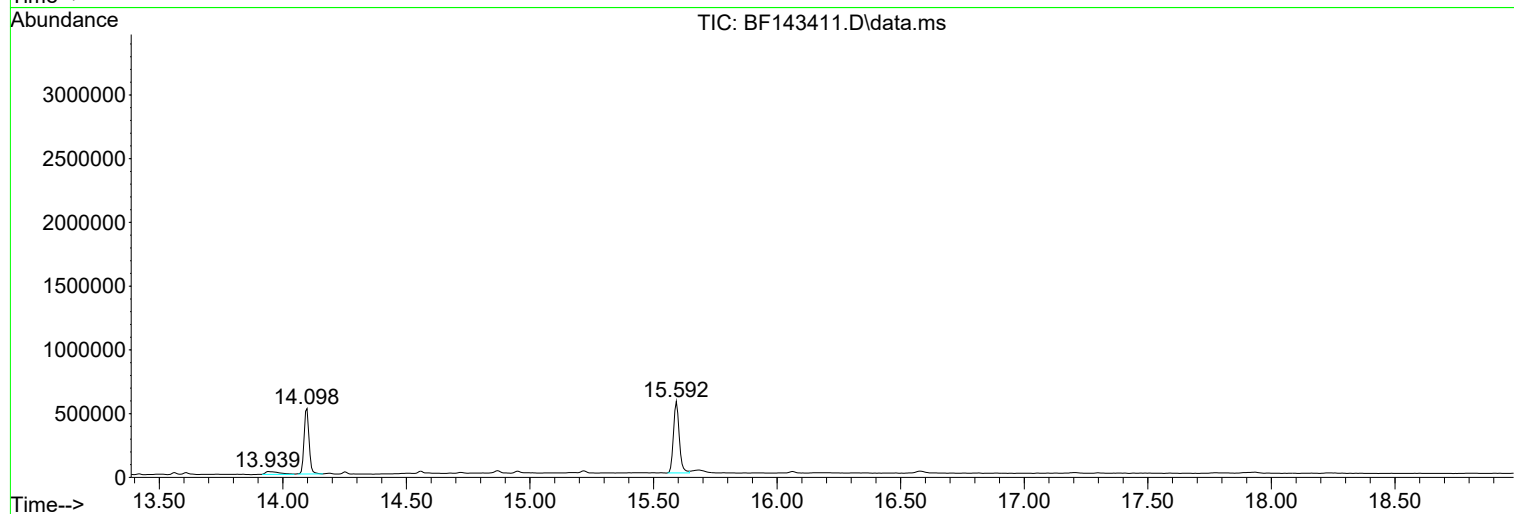
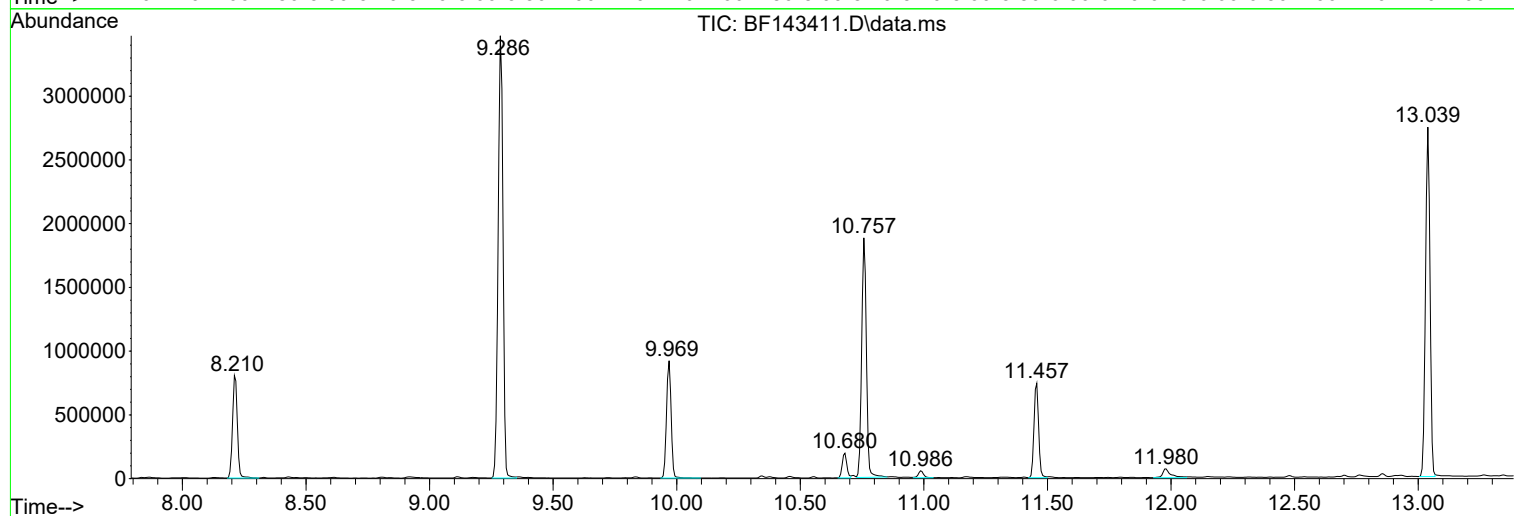
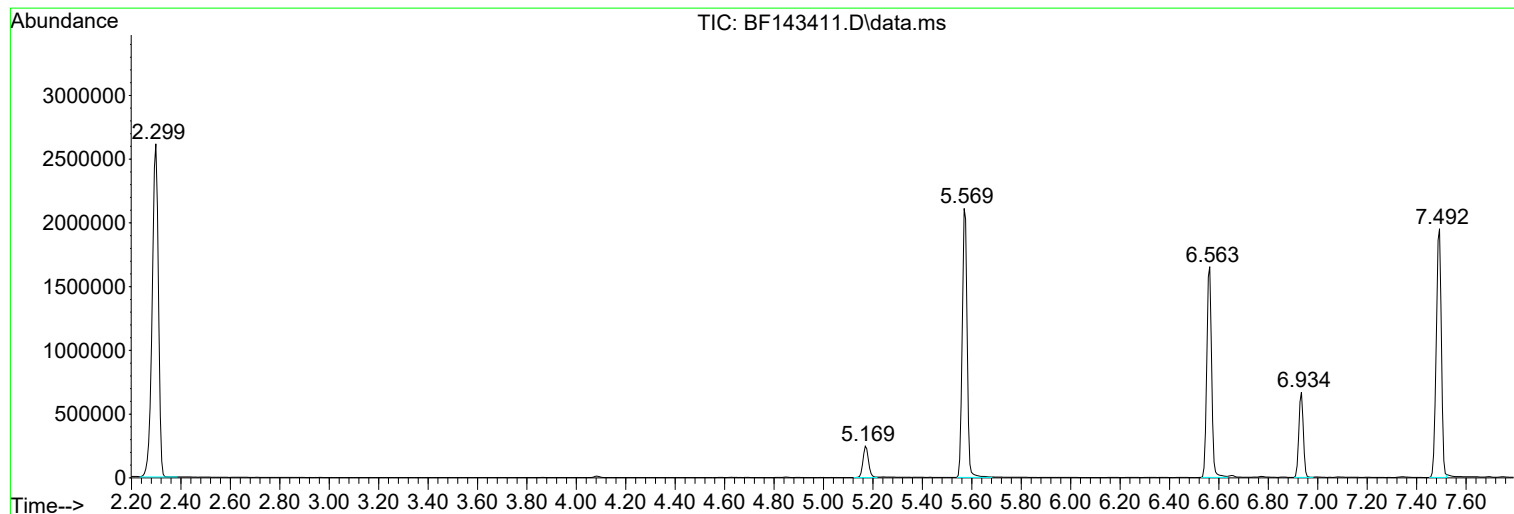
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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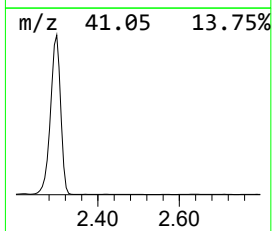
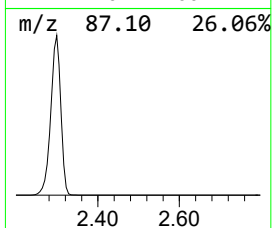
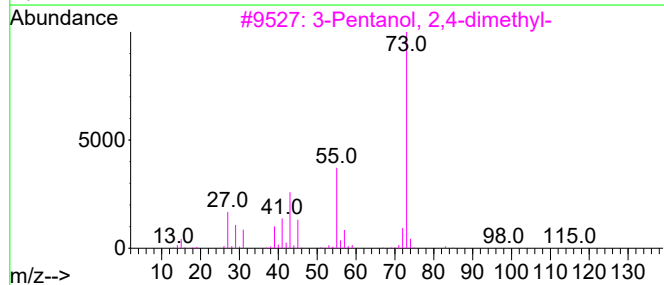
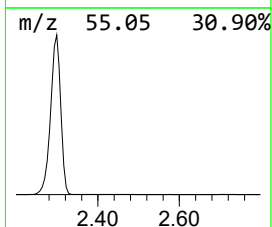
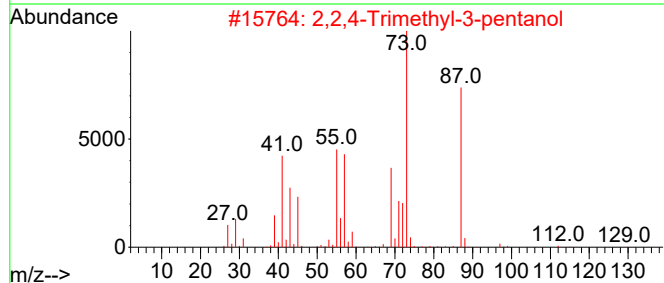
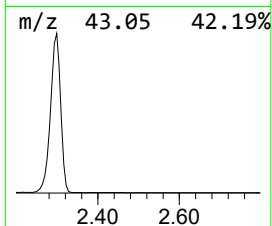
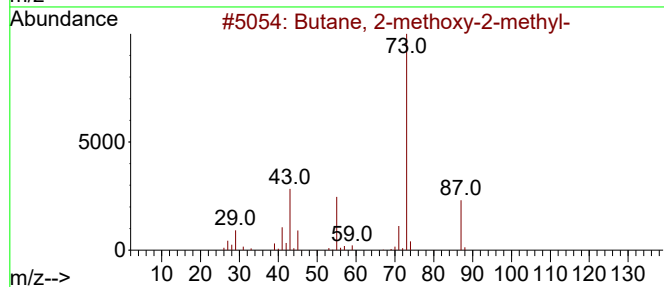
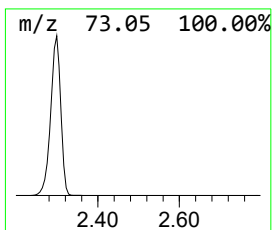
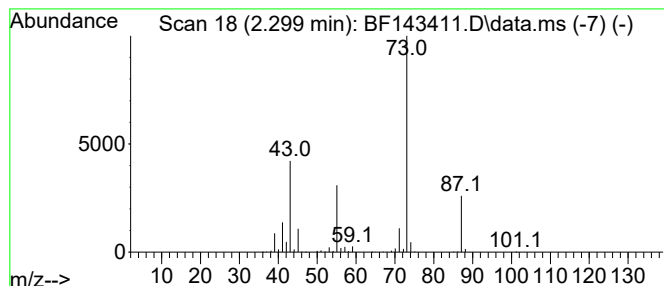
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
2.299	107.41 ng	4531740	1,4-Dichlorobenzene-d4	6.934

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	39
3			3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37
4			Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	27
5			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25



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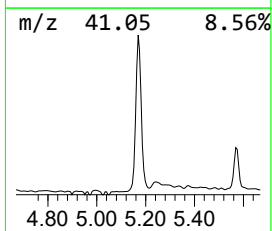
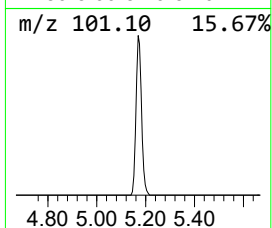
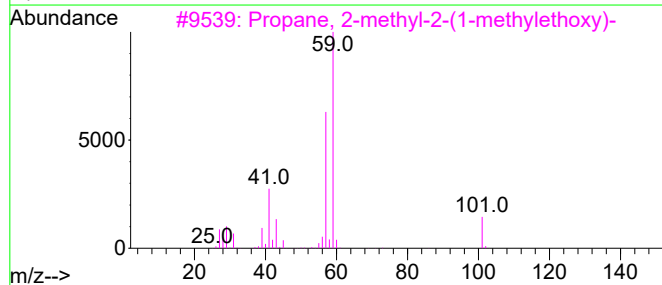
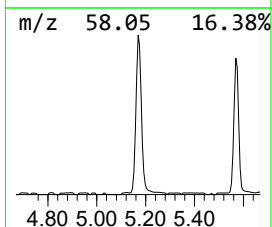
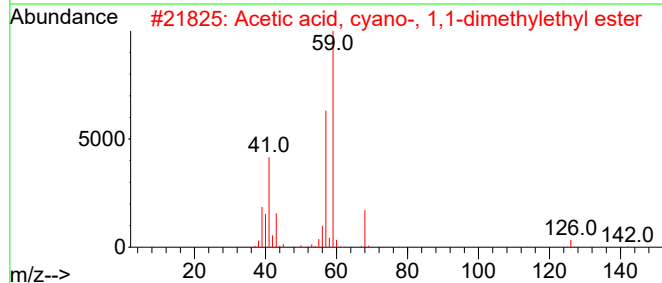
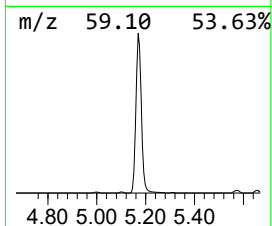
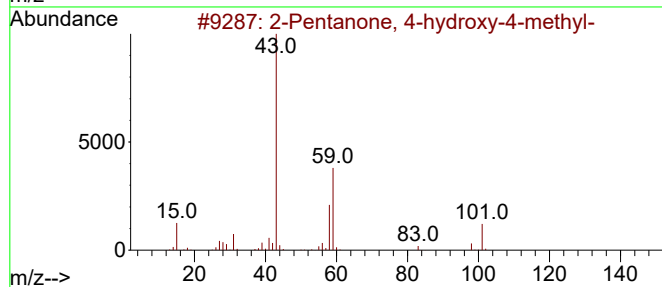
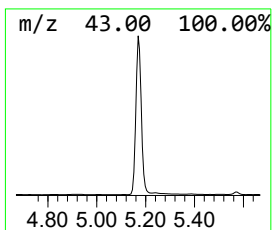
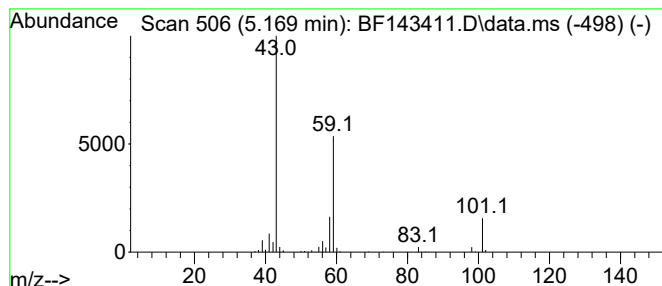
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TIC Library : C:\Database\NIST20.L
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Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.169	9.18 ng	387212	1,4-Dichlorobenzene-d4	6.934

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59		
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	37		
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36		
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33		
5	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28		



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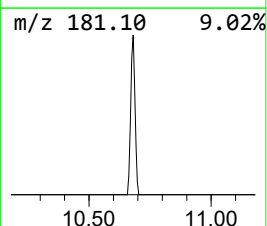
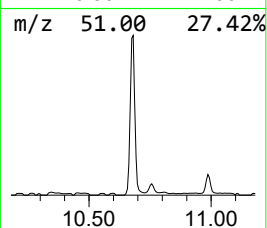
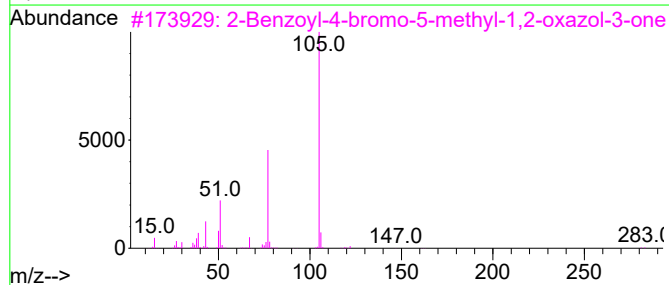
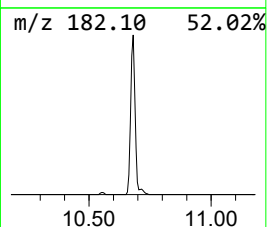
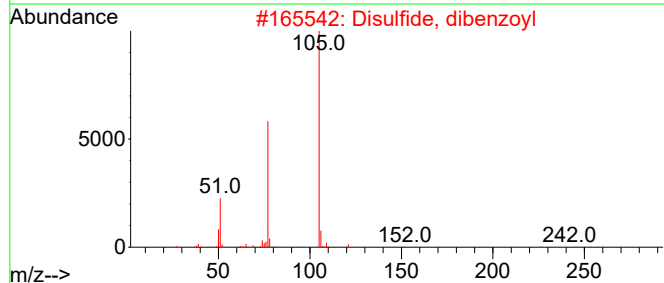
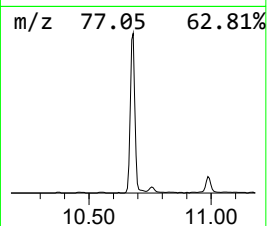
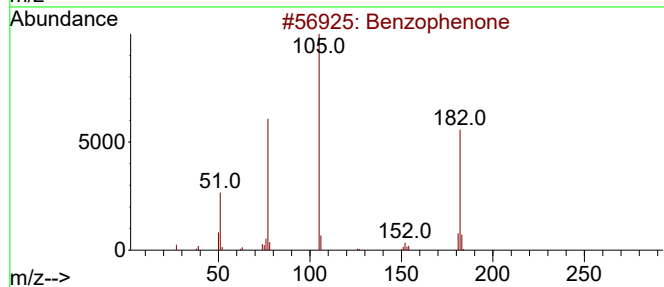
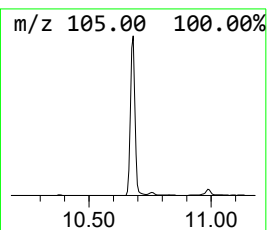
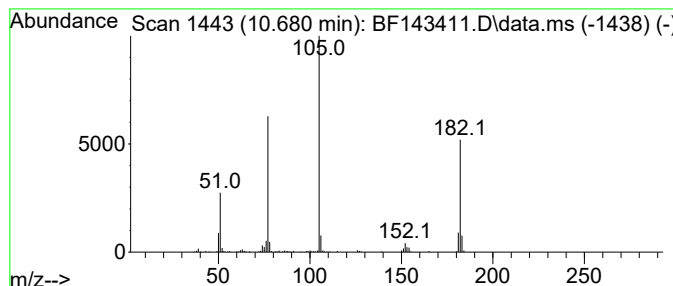
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.681	4.36 ng	255701	Acenaphthene-d10	9.969

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			Disulfide, dibenzoyl	274	C14H10O2S2	000644-32-6	49
3			2-Benzoyl-4-bromo-5-methyl-1,2-o...	281	C11H8BrNO3	1000444-92-3	47
4			2-Chloro-1-phenyl-1-propanone	168	C9H9ClO	006084-17-9	47
5			N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	47



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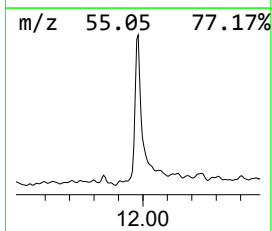
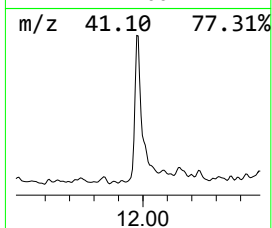
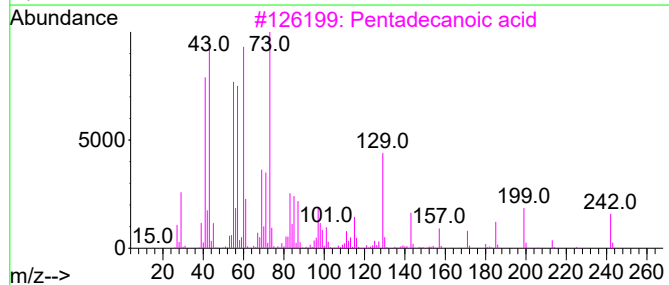
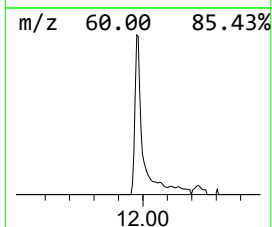
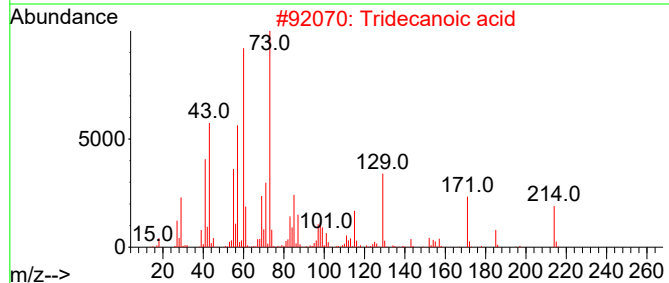
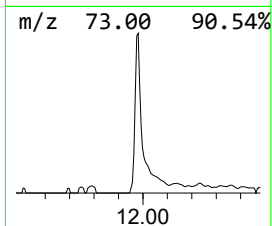
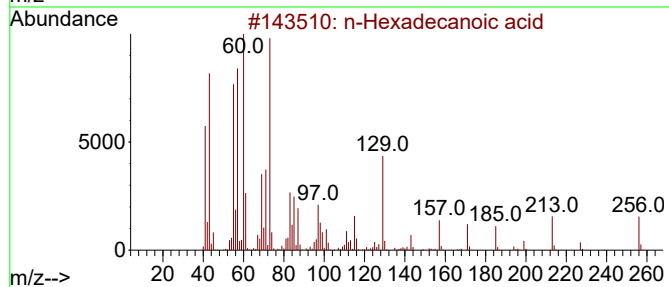
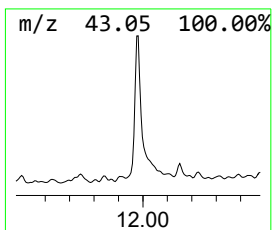
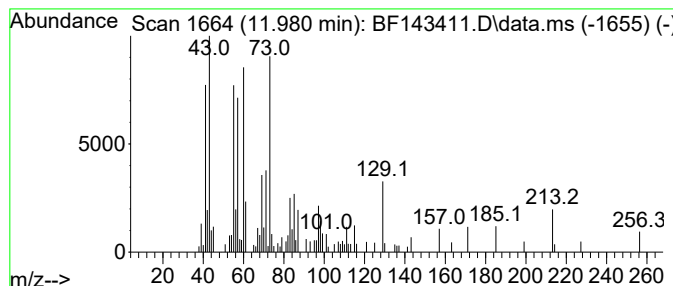
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.980	3.25 ng	157780	Phenanthrene-d10	11.457

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	81
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	76
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5			Dodecanoic acid	200	C12H24O2	000143-07-7	47



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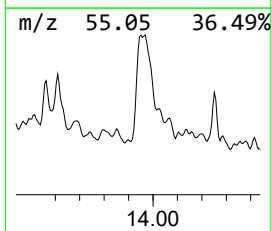
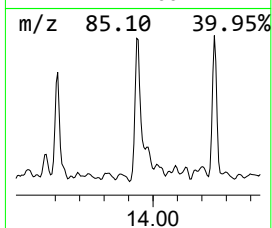
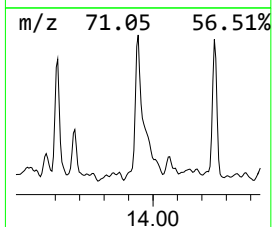
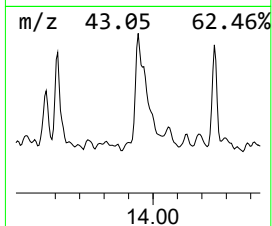
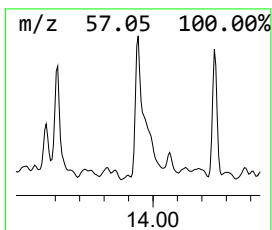
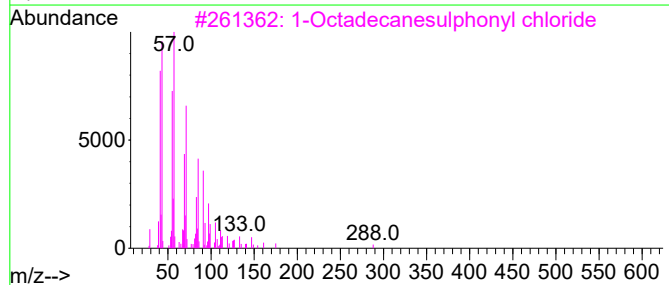
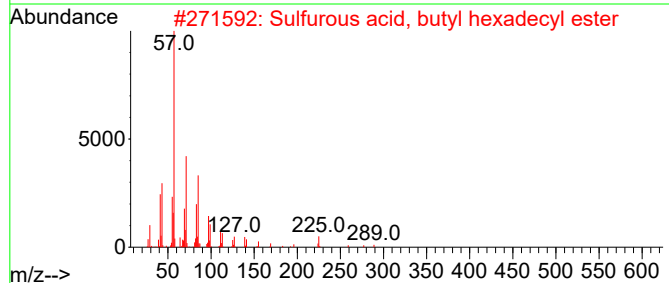
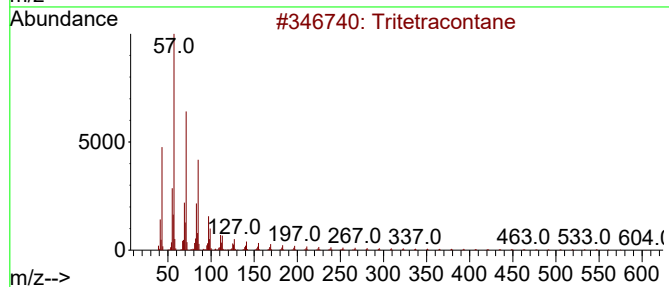
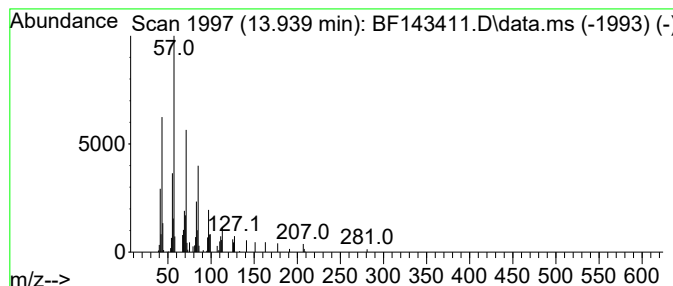
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Tritetracontane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.939	2.36 ng	84450	Chrysene-d12	14.098

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tritetracontane	605	C43H88	007098-21-7	91
2			Sulfurous acid, butyl hexadecyl ...	362	C20H42O3S	1000309-18-3	90
3			1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	87
4			Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	86
5			Carbonic acid, prop-1-en-2-yl te...	298	C18H34O3	1000382-90-9	86



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-metho...	2.299	107.4	ng	4531740	1	6.934	843796	20.0
2-Pentanone, 4-...	5.169	9.2	ng	387212	1	6.934	843796	20.0
Benzophenone	10.681	4.4	ng	255701	3	9.969	1173040	20.0
n-Hexadecanoic ...	11.980	3.3	ng	157780	4	11.457	971073	20.0
Tritetracontane	13.939	2.4	ng	84450	5	14.098	714953	20.0