

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
 Data File : BF143515.D
 Acq On : 21 Aug 2025 06:15
 Operator : RC/JU
 Sample : Q2815-08
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TW-88H-N

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-BF082025.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143515.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.281	6	15	29	rVB	2228484	3746746	97.33%	13.773%
2	5.163	497	505	522	rBV	236438	368939	9.58%	1.356%
3	5.563	568	573	590	rBV	1852191	2477208	64.35%	9.106%
4	6.557	736	742	755	rBV	1588696	2116379	54.98%	7.780%
5	6.922	799	804	813	rBV	606270	780165	20.27%	2.868%
6	7.487	893	900	911	rBV	1559276	2194760	57.01%	8.068%
7	8.204	1017	1022	1040	rVB	783646	1068048	27.75%	3.926%
8	9.281	1199	1205	1210	rBV	2951280	3849459	100.00%	14.150%
9	9.963	1315	1321	1332	rVB	919449	1153963	29.98%	4.242%
10	10.675	1437	1442	1450	rBV	340439	438652	11.40%	1.612%
11	10.751	1450	1455	1470	rBV	1692550	2324703	60.39%	8.545%
12	10.981	1490	1494	1500	rVB	42202	55724	1.45%	0.205%
13	11.451	1569	1574	1581	rBV	798194	1008082	26.19%	3.706%
14	11.975	1658	1663	1678	rBV2	157499	299516	7.78%	1.101%
15	12.533	1752	1758	1774	rVB3	22372	64362	1.67%	0.237%
16	12.698	1779	1786	1791	rVV	37772	55363	1.44%	0.204%
17	12.763	1792	1797	1807	rVV2	30166	64997	1.69%	0.239%
18	12.851	1808	1812	1817	rVV	72839	91721	2.38%	0.337%
19	12.922	1818	1824	1832	rVB3	23322	46818	1.22%	0.172%
20	13.033	1837	1843	1855	rBV	2341067	3096861	80.45%	11.384%
21	13.557	1928	1932	1936	rBV	36737	47509	1.23%	0.175%
22	13.604	1936	1940	1947	rVB	33796	50876	1.32%	0.187%
23	13.933	1992	1996	1998	rBV	41360	57149	1.48%	0.210%
24	14.063	2014	2018	2020	rBV	109873	141893	3.69%	0.522%
25	14.092	2020	2023	2032	rVB	447022	599459	15.57%	2.204%
26	14.245	2046	2049	2054	rVB	37923	47376	1.23%	0.174%
27	14.551	2098	2101	2107	rVB	37159	46629	1.21%	0.171%
28	14.863	2151	2154	2159	rVB	32031	43697	1.14%	0.161%
29	14.945	2164	2168	2174	rVB	33730	47672	1.24%	0.175%
30	15.210	2209	2213	2223	rVB	33958	53806	1.40%	0.198%
31	15.592	2272	2278	2286	rBV	465128	765922	19.90%	2.815%

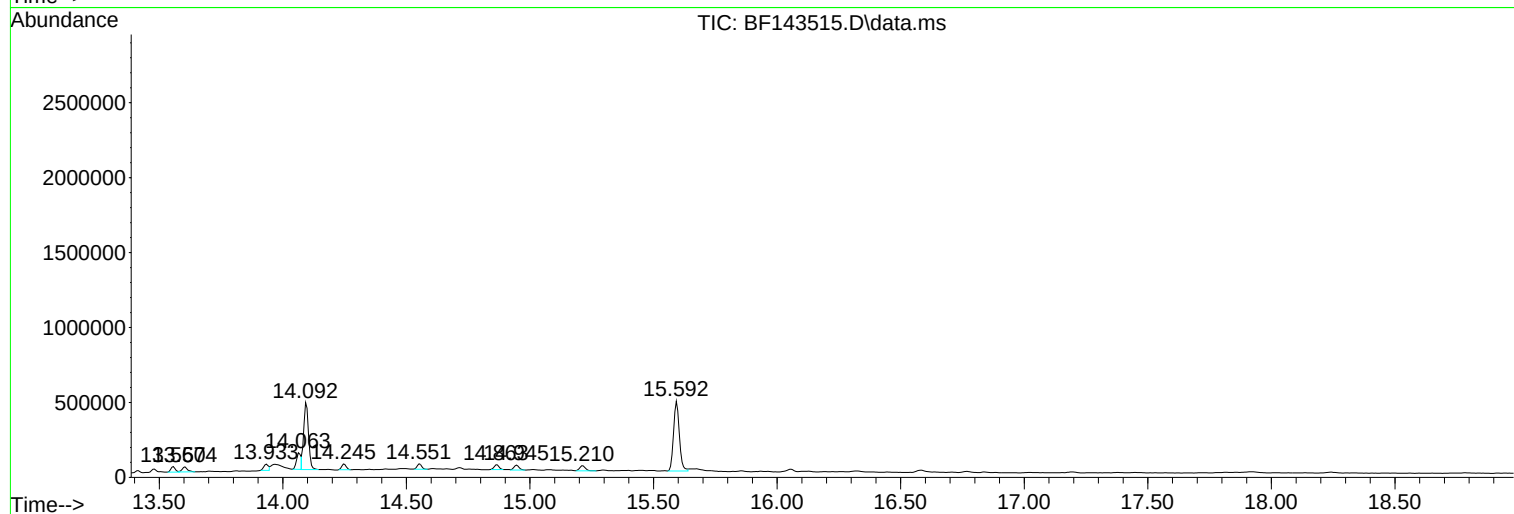
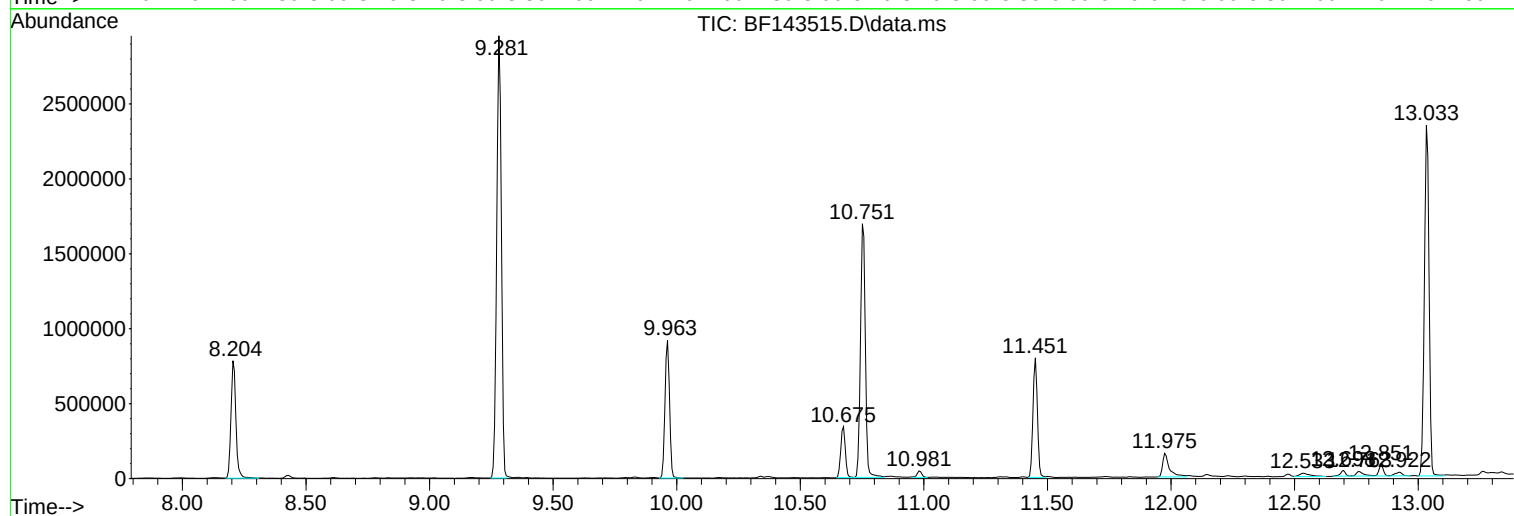
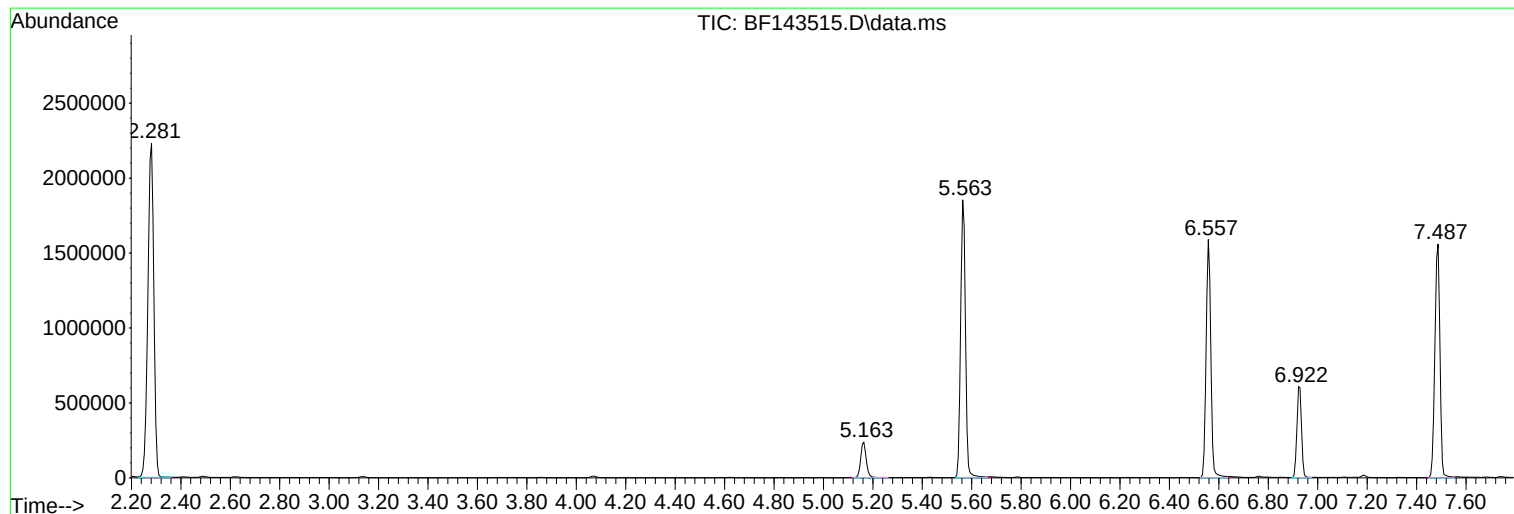
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Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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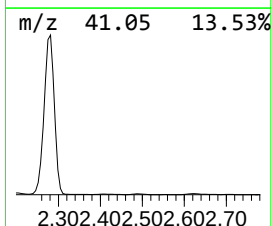
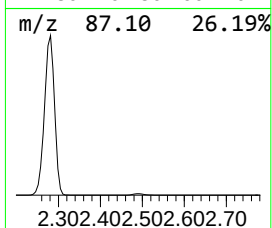
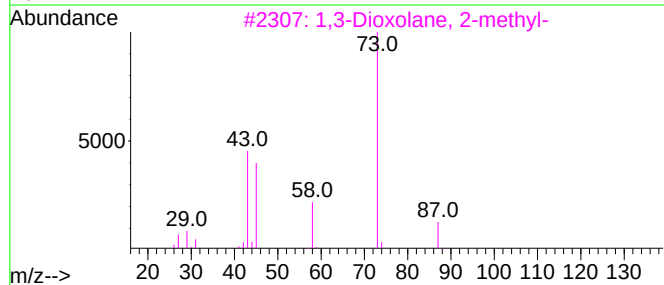
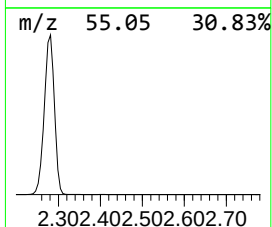
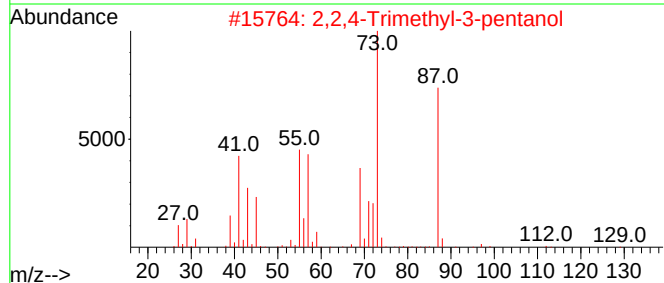
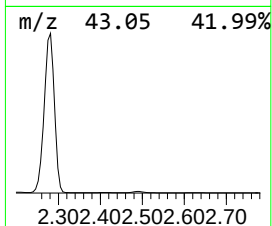
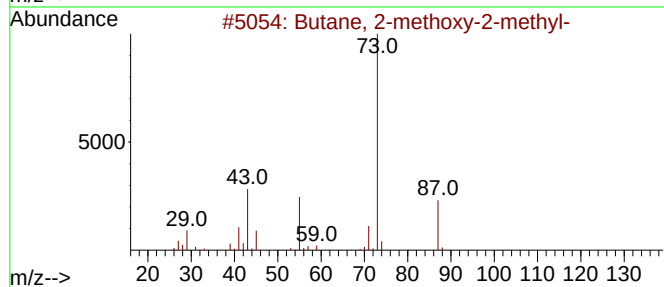
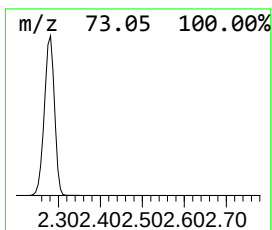
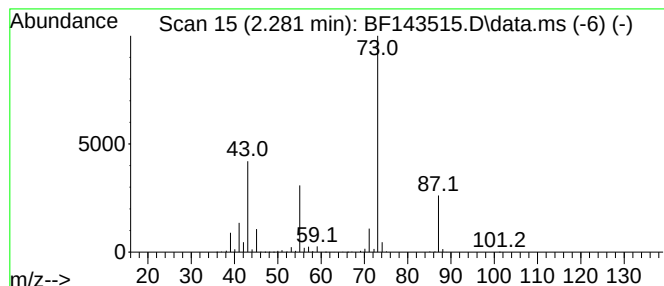
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
2.281	96.05 ng	3746750	1,4-Dichlorobenzene-d4	6.928

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			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4			Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	17
5			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12



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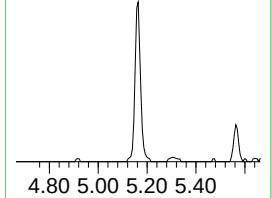
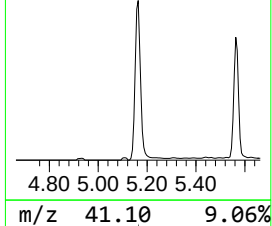
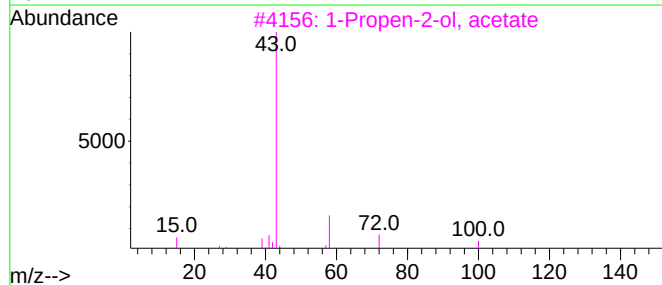
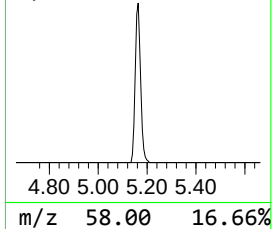
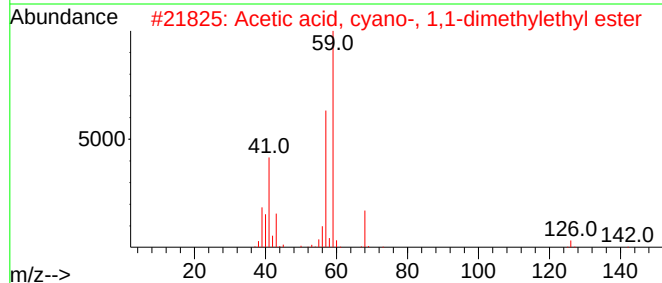
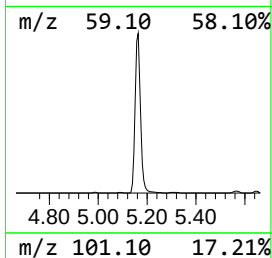
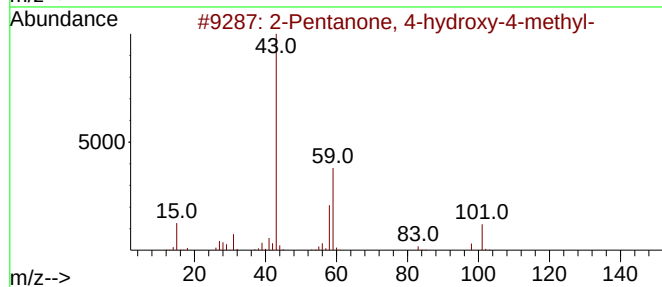
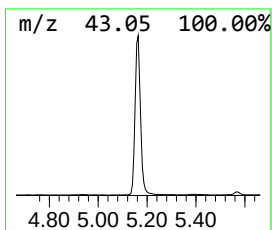
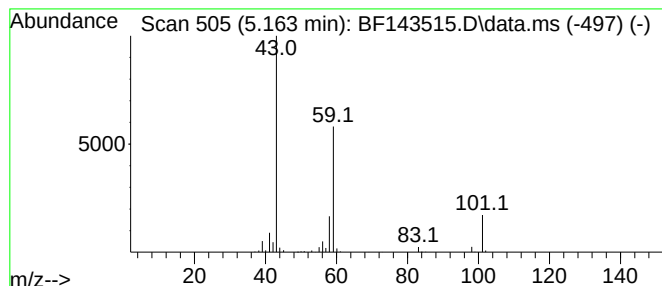
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.163	9.46 ng	368939	1,4-Dichlorobenzene-d4	6.928

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	25
3			1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
4			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	9



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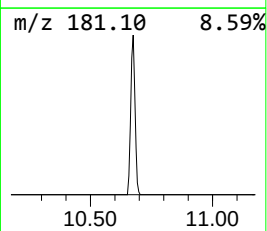
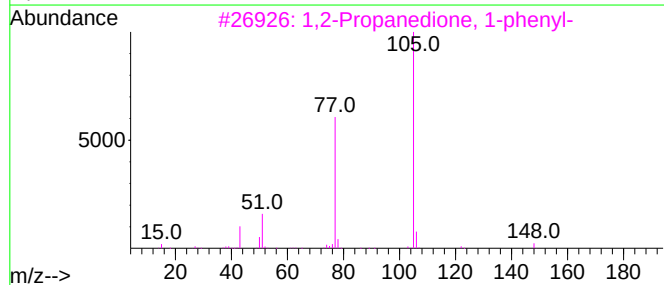
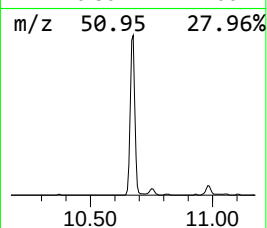
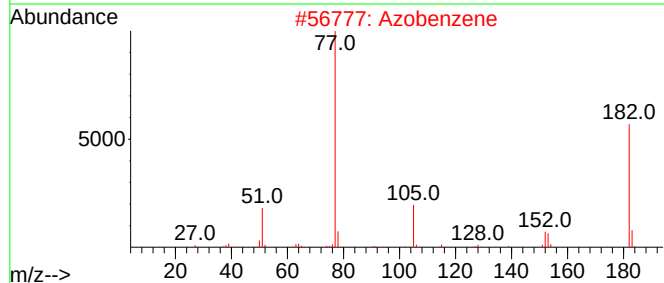
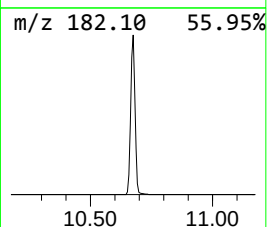
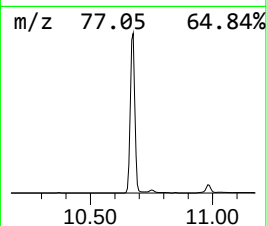
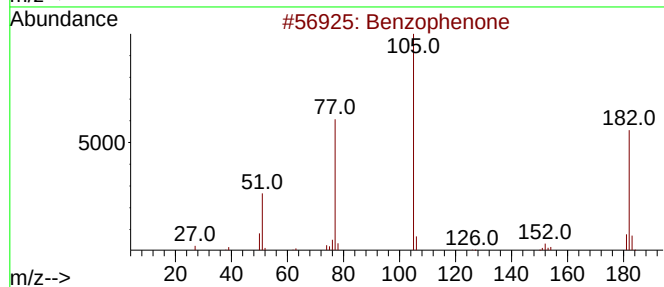
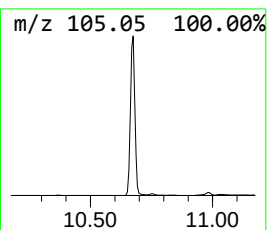
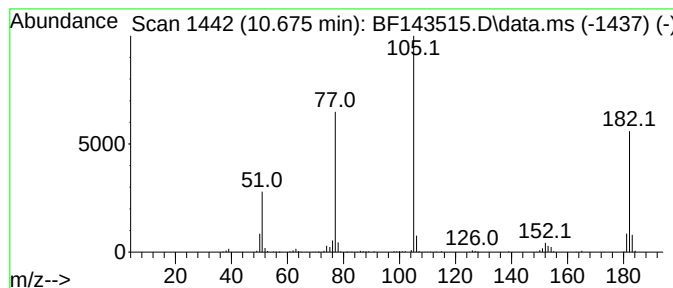
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.675	7.60 ng	438652	Acenaphthene-d10	9.963

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			Azobenzene	182	C12H10N2	000103-33-3	64
3			1,2-Propanedione, 1-phenyl-	148	C9H8O2	000579-07-7	47
4			Vinyl benzoate	148	C9H8O2	000769-78-8	47
5			Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	47



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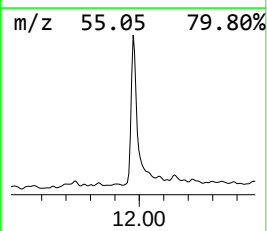
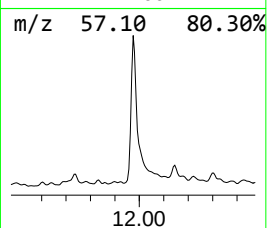
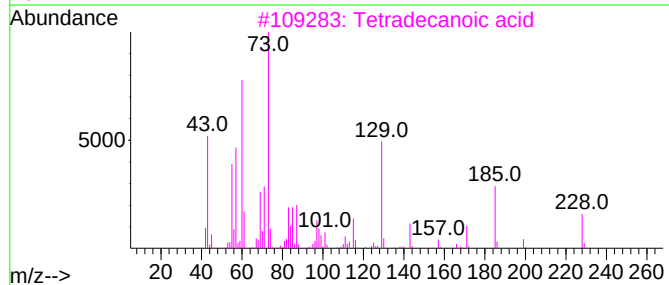
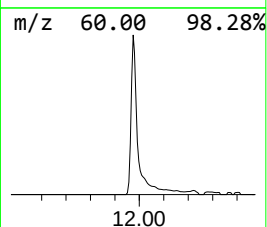
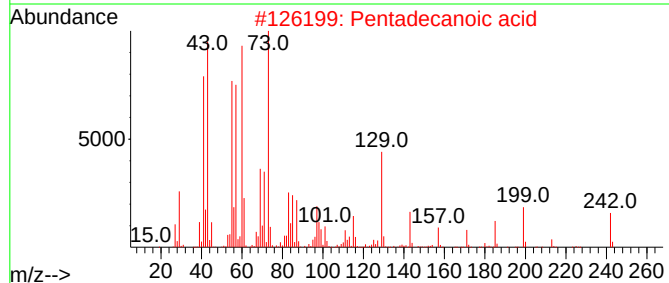
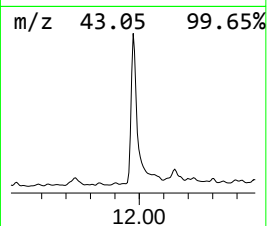
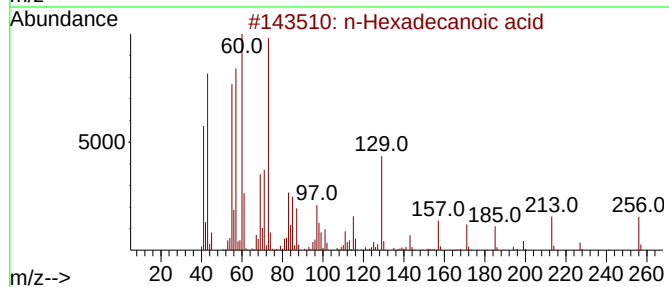
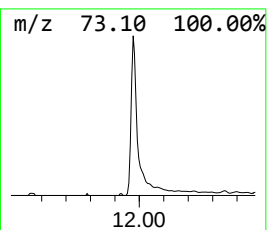
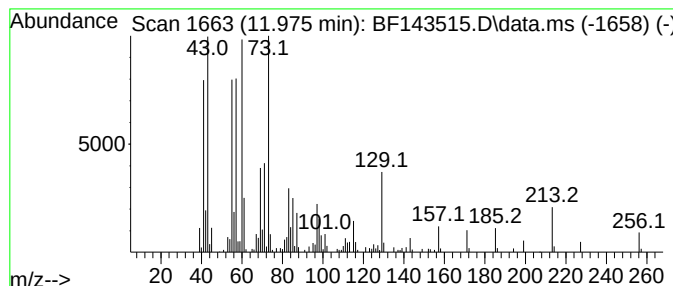
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TIC Library : C:\Database\NIST20.L
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.975	5.94 ng	299516	Phenanthrene-d10	11.451

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4			Tridecanoic acid	214	C13H26O2	000638-53-9	64
5			Undecanoic acid	186	C11H22O2	000112-37-8	64



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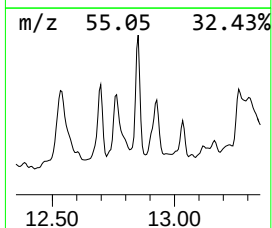
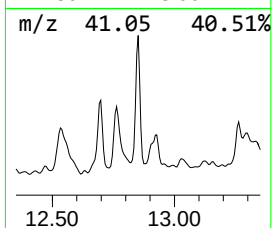
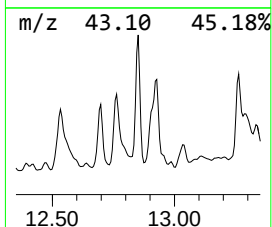
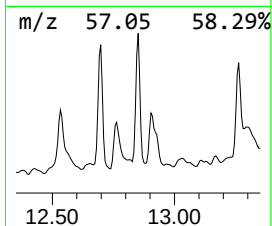
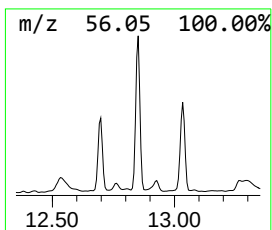
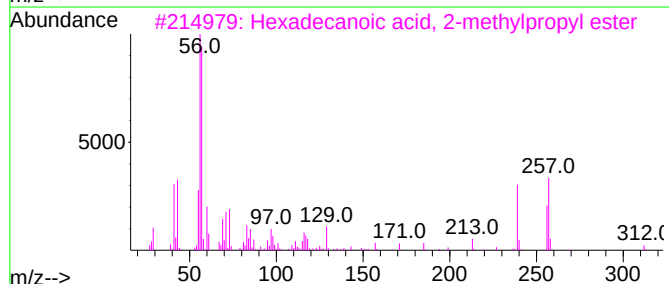
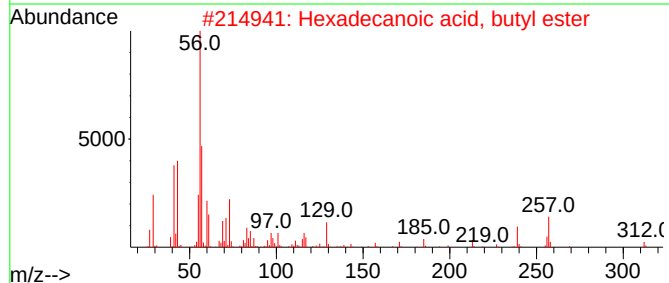
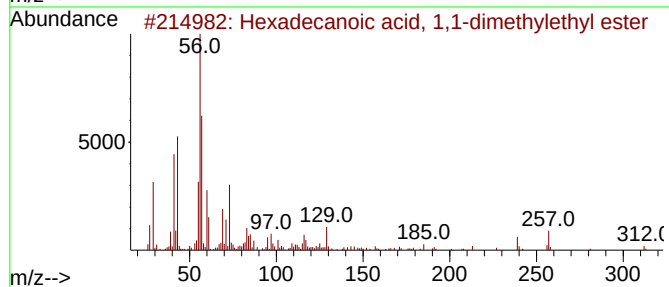
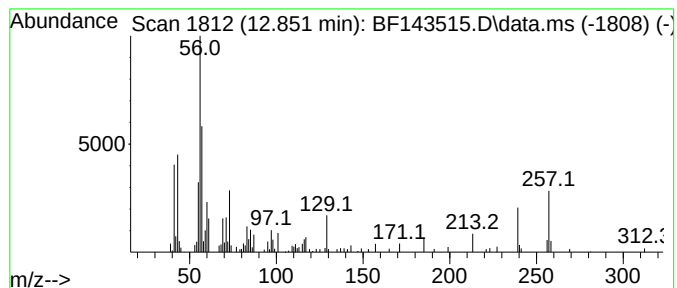
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Peak Number 5 Hexadecanoic acid, 1,1-dime... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.851	3.06 ng	91721	Chrysene-d12	14.092	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	98
2	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	95
3	Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	91
4	1,3-Pentanediol, 2,2,4-trimethyl-	146	C8H18O2	000144-19-4	43
5	Oxirane, 2,3-bis(1-methylethyl)-...	128	C8H16O	054644-32-5	43



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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-metho...	2.281	96.0	ng	3746750	1	6.928	780165	20.0
2-Pentanone, 4-...	5.163	9.5	ng	368939	1	6.928	780165	20.0
Benzophenone	10.675	7.6	ng	438652	3	9.963	1153960	20.0
n-Hexadecanoic ...	11.975	5.9	ng	299516	4	11.451	1008080	20.0
Hexadecanoic ac...	12.851	3.1	ng	91721	5	14.092	599459	20.0