

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102621\
 Data File : BF125942.D
 Acq On : 26 Oct 2021 19:34
 Operator : JU/CG
 Sample : M4340-10
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TH-EED

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-BF102521.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF125942.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.163	6	13	19	rVB	2720725	3445737	79.19%	9.942%
2	5.093	508	511	516	rVB	48172	59879	1.38%	0.173%
3	5.481	572	577	580	rBV	4416000	4295958	98.72%	12.395%
4	6.487	742	748	751	rBV	4059609	4351492	100.00%	12.556%
5	6.863	809	812	816	rBV	1211303	1078651	24.79%	3.112%
6	7.428	902	908	911	rBV	2961869	2855781	65.63%	8.240%
7	8.051	1010	1014	1017	rBV	1439342	1090812	25.07%	3.147%
8	8.145	1026	1030	1034	rBV	1628665	1383380	31.79%	3.992%
9	9.228	1209	1214	1217	rBV	4244089	4112015	94.50%	11.865%
10	9.898	1325	1328	1332	rBV	1676059	1500209	34.48%	4.329%
11	10.310	1395	1398	1405	rVB	52769	59093	1.36%	0.171%
12	10.686	1458	1462	1465	rBV	3345329	2825300	64.93%	8.152%
13	11.386	1577	1581	1583	rBV	1878917	1525876	35.07%	4.403%
14	11.404	1583	1584	1587	rVB	66566	50377	1.16%	0.145%
15	11.786	1644	1649	1653	rBV2	68022	55165	1.27%	0.159%
16	11.916	1667	1671	1675	rBV	199432	181384	4.17%	0.523%
17	12.592	1781	1786	1790	rBV	116885	112630	2.59%	0.325%
18	12.698	1800	1804	1809	rBV3	62102	68751	1.58%	0.198%
19	12.822	1820	1825	1828	rBV	111907	103102	2.37%	0.297%
20	12.975	1847	1851	1854	rBV	3623942	3120690	71.72%	9.004%
21	13.874	2000	2004	2009	rBV	165194	184107	4.23%	0.531%
22	14.022	2024	2029	2032	rBV	1112663	973859	22.38%	2.810%
23	14.510	2108	2112	2120	rBV3	81439	101592	2.33%	0.293%
24	14.898	2174	2178	2184	rVB	73254	78010	1.79%	0.225%
25	15.057	2202	2205	2209	rBV	32389	53405	1.23%	0.154%
26	15.163	2220	2223	2233	rVB7	33511	73592	1.69%	0.212%
27	15.492	2274	2279	2285	rBV	747175	916588	21.06%	2.645%

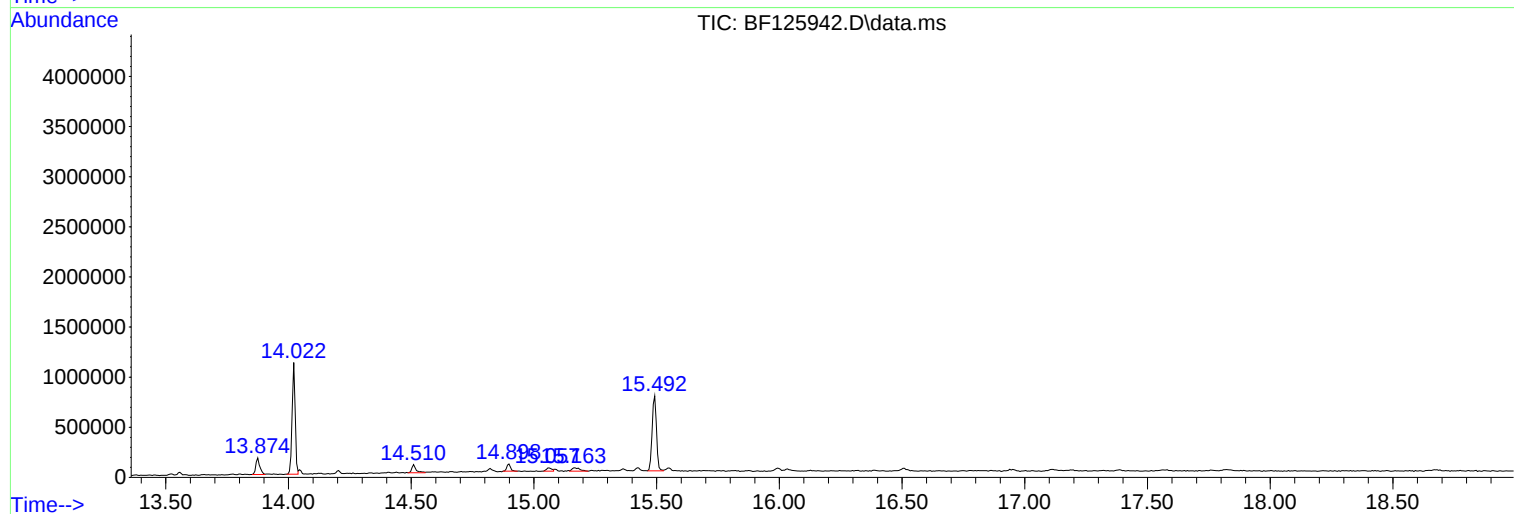
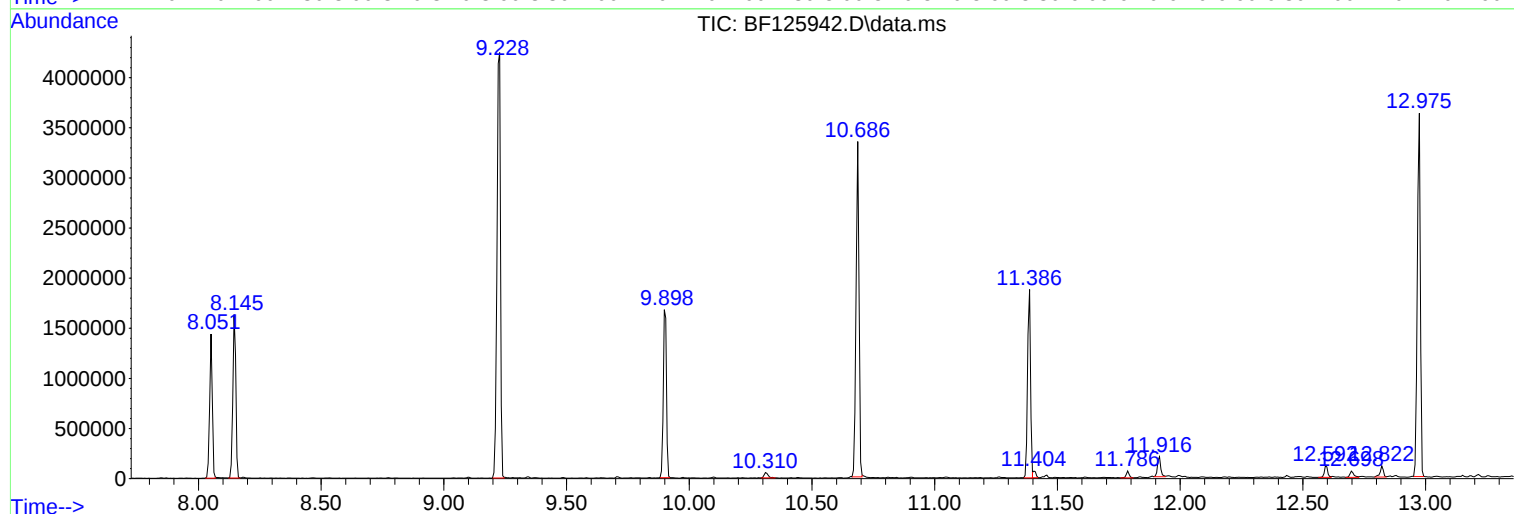
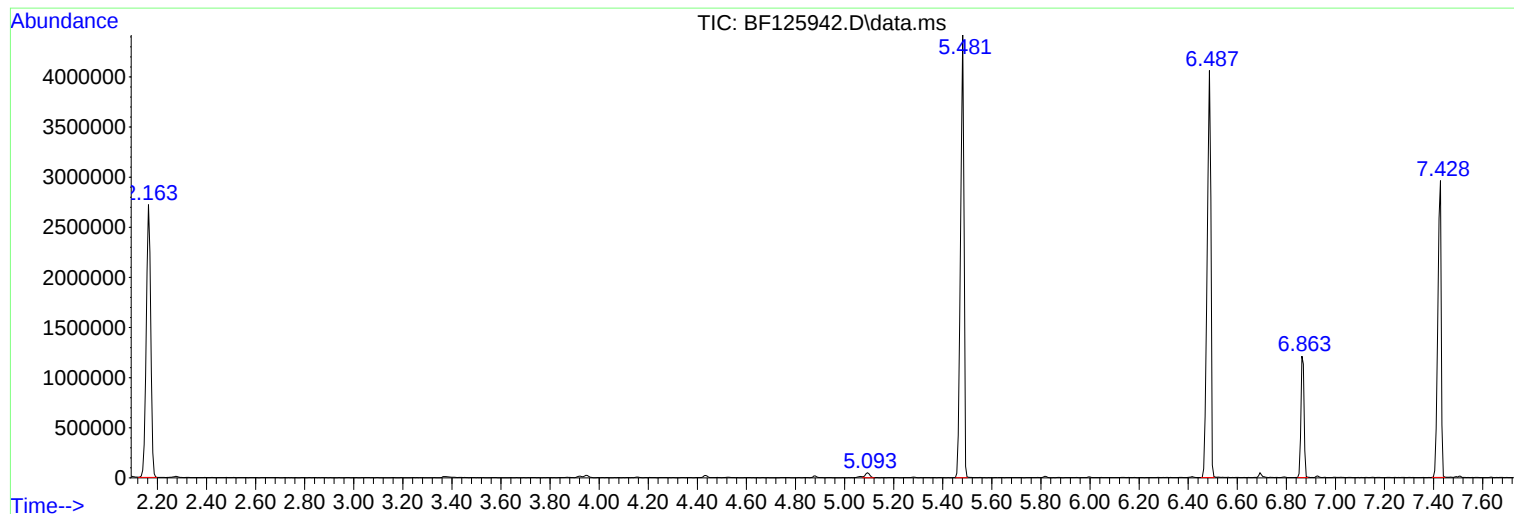
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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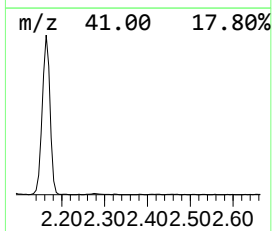
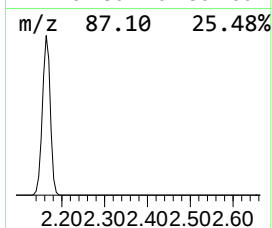
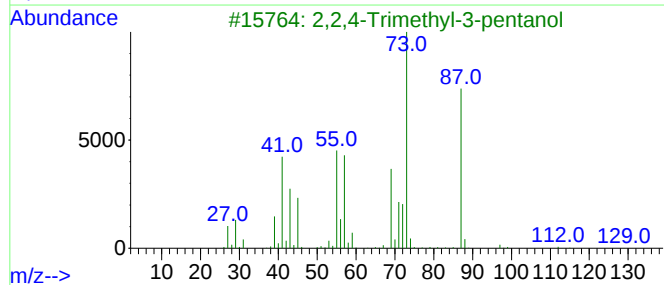
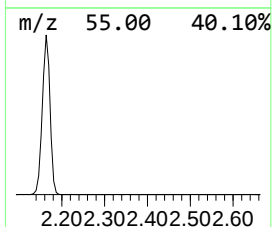
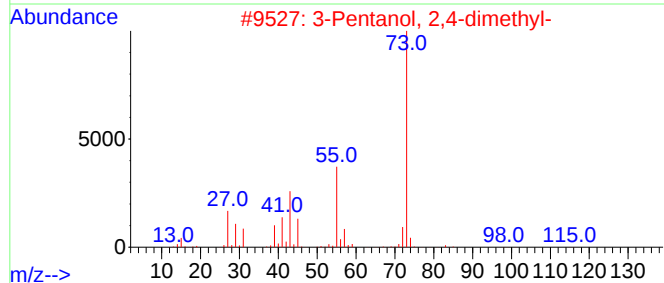
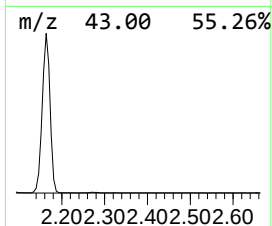
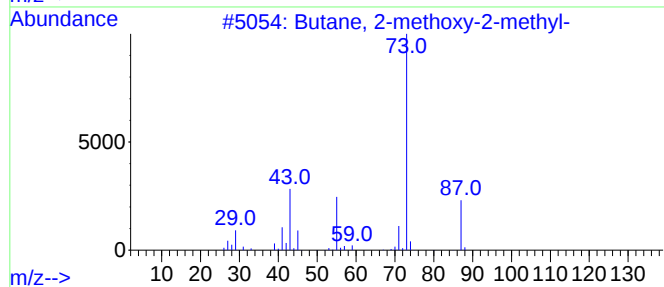
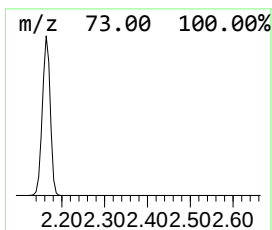
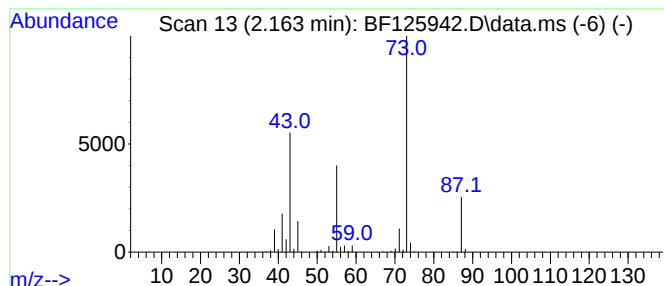
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.163	63.89 ng	3445740	1,4-Dichlorobenzene-d4	6.863

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2			3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	43
3			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4			3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	32
5			Silane, tetramethyl-	88	C4H12Si	000075-76-3	25



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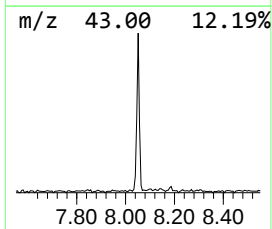
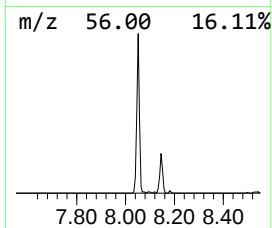
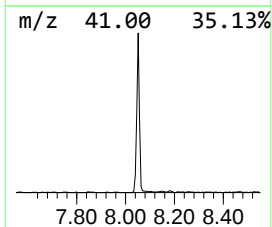
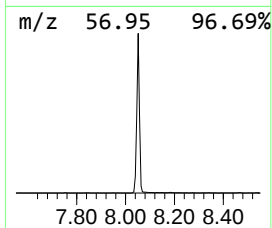
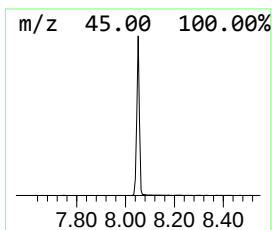
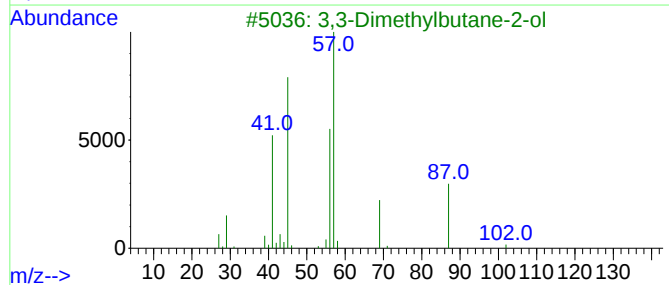
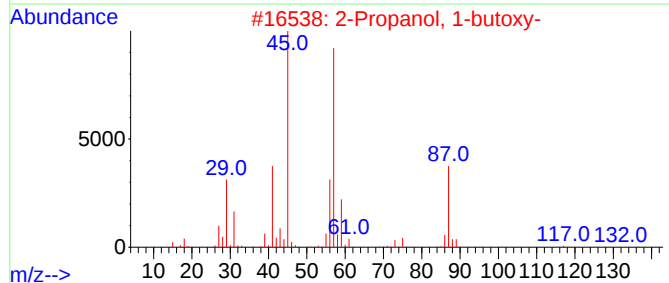
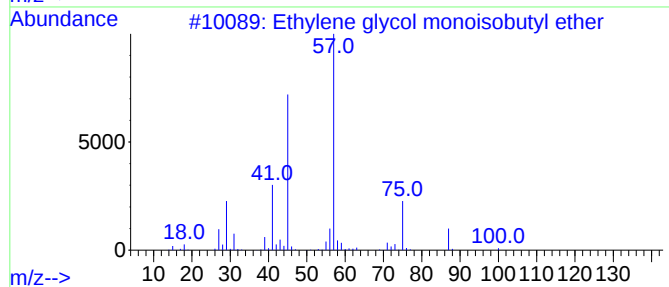
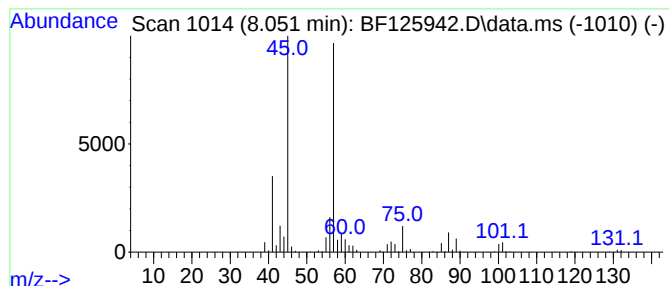
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Ethylene glycol monoisobuty... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.051	15.77 ng	1090810	Naphthalene-d8	8.145

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	59
2		2-Propanol, 1-butoxy-	132	C7H16O2	005131-66-8	59
3		3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	53
4		Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	50
5		Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	50



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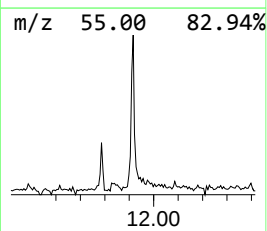
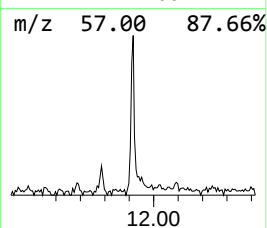
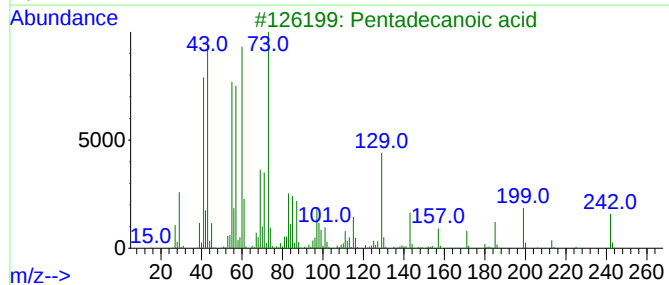
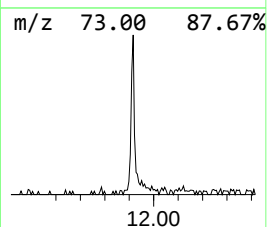
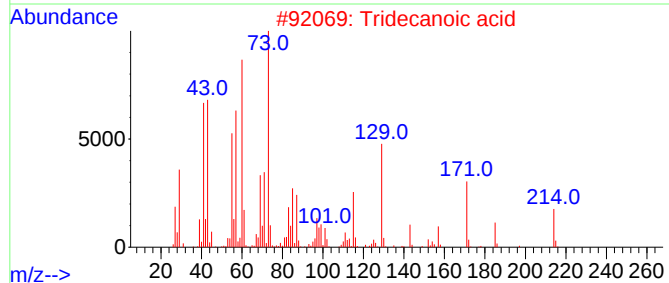
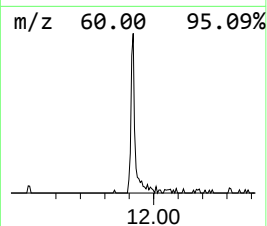
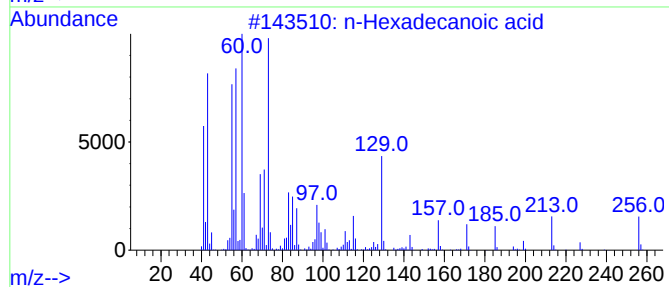
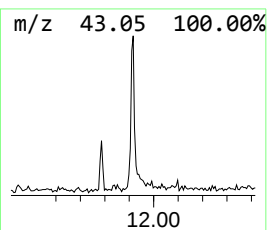
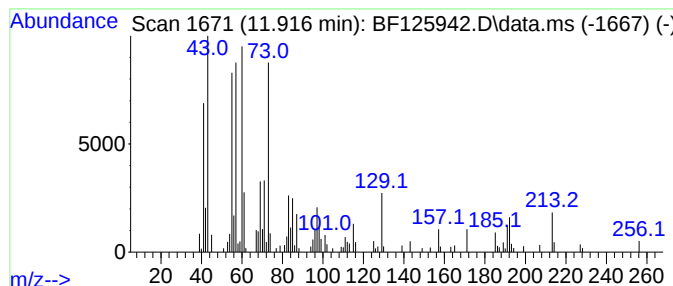
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TIC Library : C:\Database\NIST20.L
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.916	2.38 ng	181384	Phenanthrene-d10	11.386

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2			Tridecanoic acid	214	C13H26O2	000638-53-9	94
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	72
4			Undecanoic acid	186	C11H22O2	000112-37-8	62
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	58



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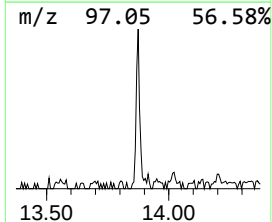
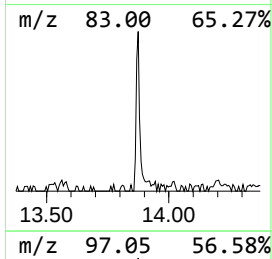
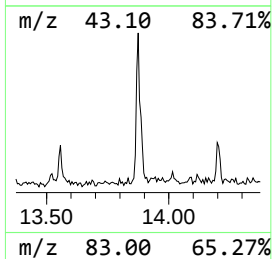
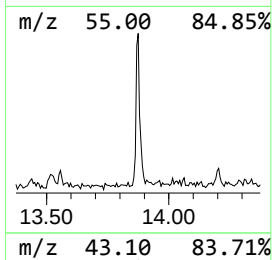
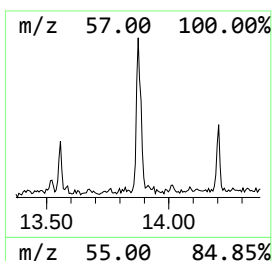
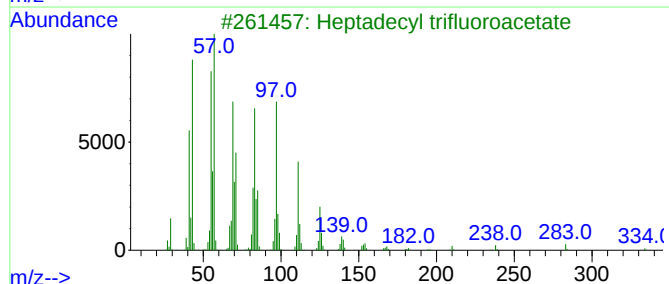
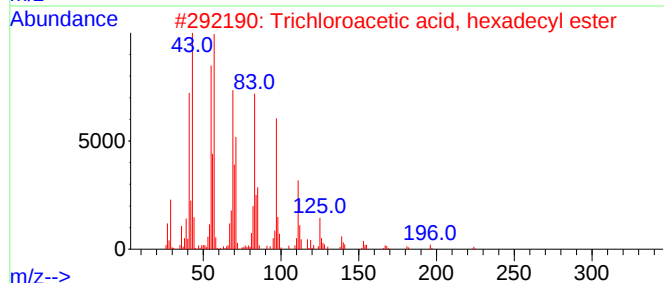
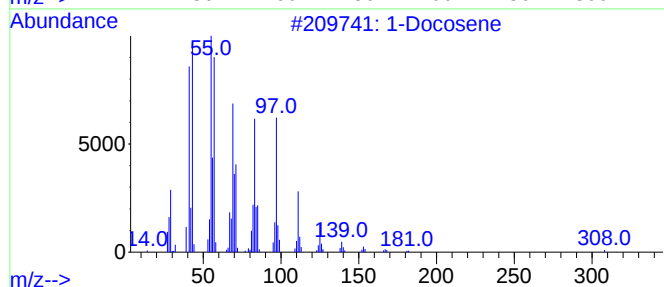
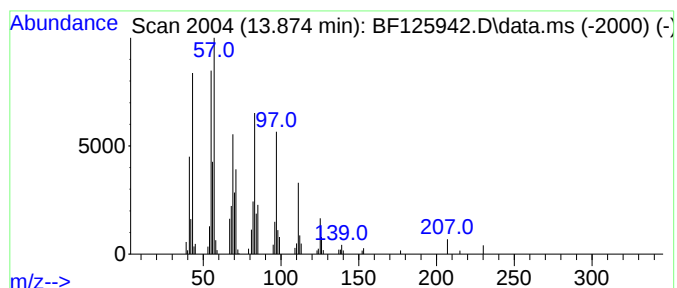
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Peak Number 5 1-Docosene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.874	3.78 ng	184107	Chrysene-d12	14.022

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Docosene	308	C22H44	001599-67-3	95
2			Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	93
3			Heptadecyl trifluoroacetate	352	C19H35F3O2	1010351-87-0	91
4			Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	91
5			1-Tricosene	322	C23H46	018835-32-0	91



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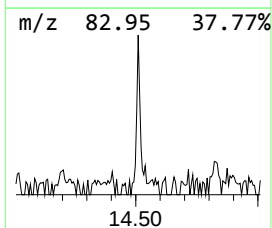
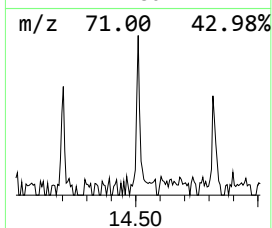
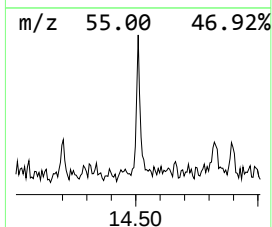
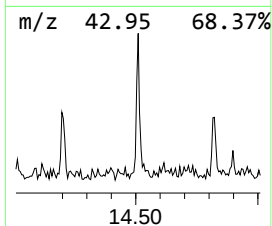
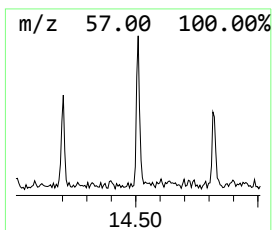
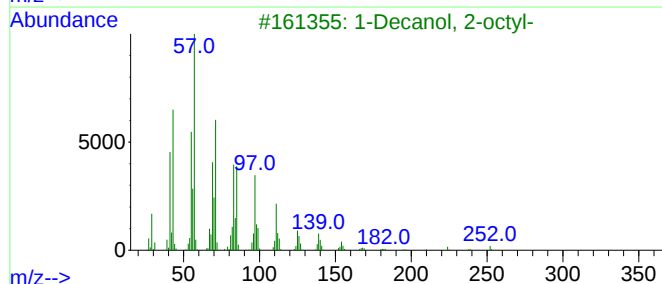
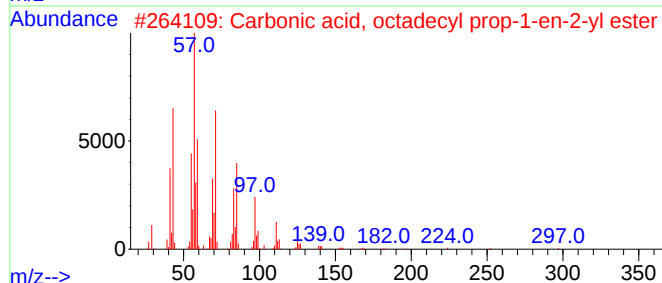
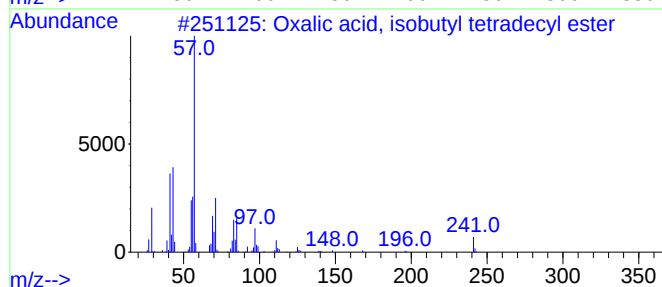
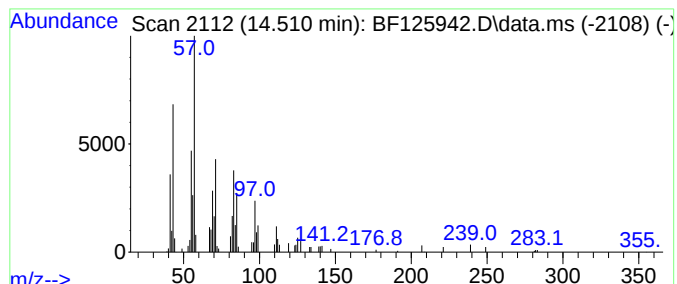
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Peak Number 6 Oxalic acid, isobutyl tetra... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.510	2.09 ng	101592	Chrysene-d12	14.022

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxalic acid, isobutyl tetradecyl...	342	C20H38O4	1000309-37-9	91
2			Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	80
3			1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	80
4			1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	72
5			Oxalic acid, heptadecyl hexyl ester	412	C25H48O4	1000309-25-1	72



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-metho...	2.163	63.9	ng	3445740	1	6.863	1078650	20.0
Ethylene glycol...	8.051	15.8	ng	1090810	2	8.145	1383380	20.0
n-Hexadecanoic ...	11.916	2.4	ng	181384	4	11.386	1525880	20.0
1-Docosene	13.874	3.8	ng	184107	5	14.022	973859	20.0
Oxalic acid, is...	14.510	2.1	ng	101592	5	14.022	973859	20.0