

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112322\
 Data File : BF131359.D
 Acq On : 23 Nov 2022 12:56
 Operator : CG\JU
 Sample : N5641-09
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-PILE-9

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-BF112122.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF131359.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.257	21	29	35	rBV	688617	883324	49.68%	6.502%
2	5.181	521	526	533	rVB	219735	248406	13.97%	1.829%
3	5.569	587	592	595	rBV	1792413	1626685	91.50%	11.975%
4	6.575	758	763	766	rBV	1749047	1613887	90.78%	11.880%
5	6.963	825	829	832	rBV	681971	515015	28.97%	3.791%
6	7.528	920	925	928	rBV	1209206	1012600	56.96%	7.454%
7	8.145	1027	1030	1033	rBV	297008	218060	12.27%	1.605%
8	8.251	1044	1048	1051	rBV	824572	650491	36.59%	4.788%
9	9.333	1227	1232	1235	rBV	2125898	1777855	100.00%	13.087%
10	10.016	1344	1348	1352	rBV	913715	729644	41.04%	5.371%
11	10.804	1479	1482	1486	rBV	1110245	1039833	58.49%	7.655%
12	11.510	1599	1602	1606	rBV	753960	678140	38.14%	4.992%
13	11.580	1609	1614	1617	rVB2	23672	23229	1.31%	0.171%
14	11.898	1665	1668	1672	rVB	27265	22954	1.29%	0.169%
15	12.027	1685	1690	1700	rBV2	64922	75509	4.25%	0.556%
16	12.768	1813	1816	1821	rVB	32414	26547	1.49%	0.195%
17	12.821	1821	1825	1829	rBV	24142	24183	1.36%	0.178%
18	12.921	1839	1842	1845	rVB	55856	44822	2.52%	0.330%
19	13.110	1870	1874	1877	rBV	1544992	1317785	74.12%	9.701%
20	13.633	1960	1963	1967	rBV2	28774	25308	1.42%	0.186%
21	14.010	2024	2027	2029	rBV2	20841	21820	1.23%	0.161%
22	14.168	2049	2054	2058	rBV	521692	438416	24.66%	3.227%
23	14.968	2186	2190	2195	rVB2	16484	21161	1.19%	0.156%
24	15.339	2249	2253	2258	rVB2	17984	24343	1.37%	0.179%
25	15.709	2311	2316	2321	rBV	371598	503265	28.31%	3.705%
26	16.227	2400	2404	2409	rVB5	14002	21252	1.20%	0.156%

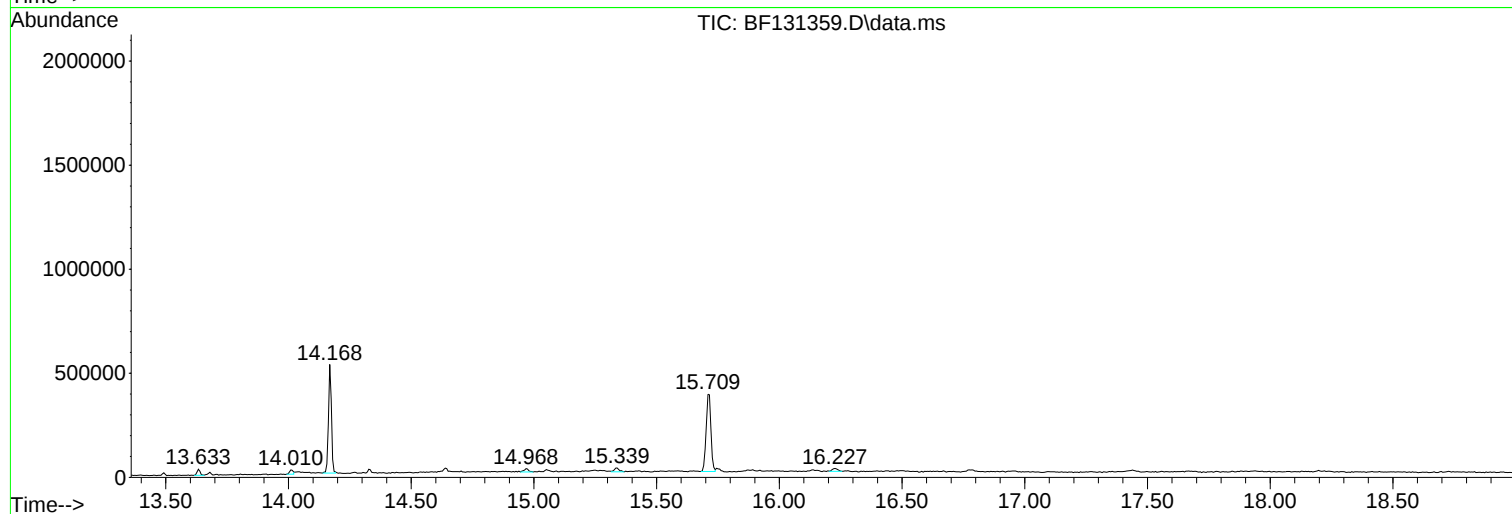
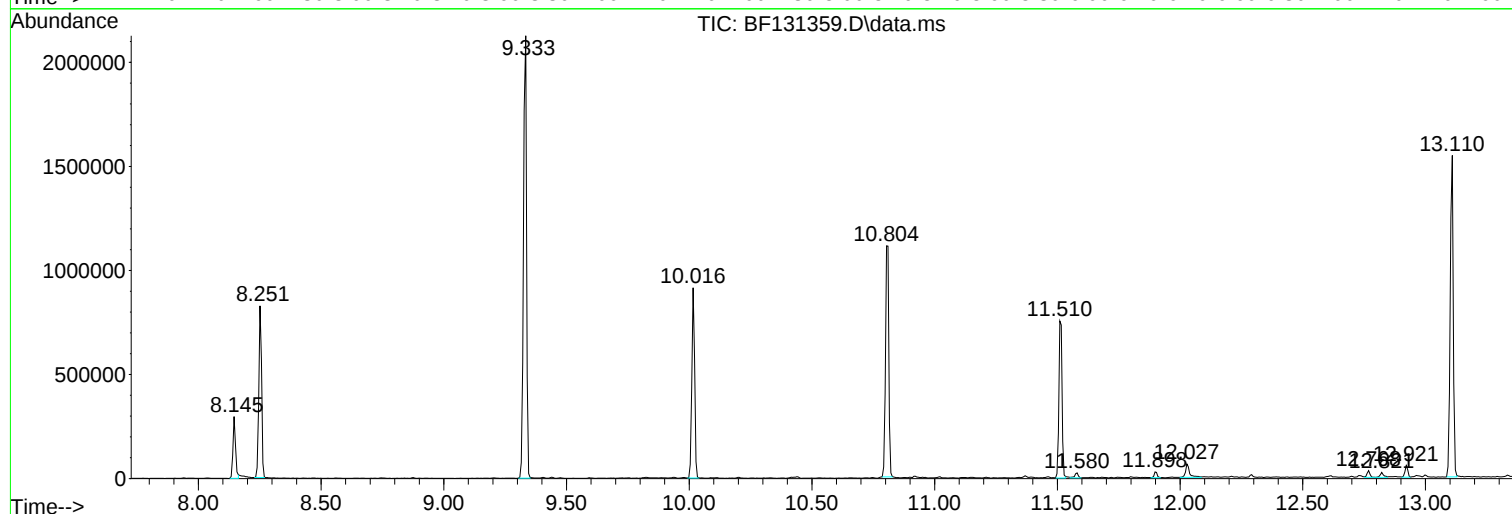
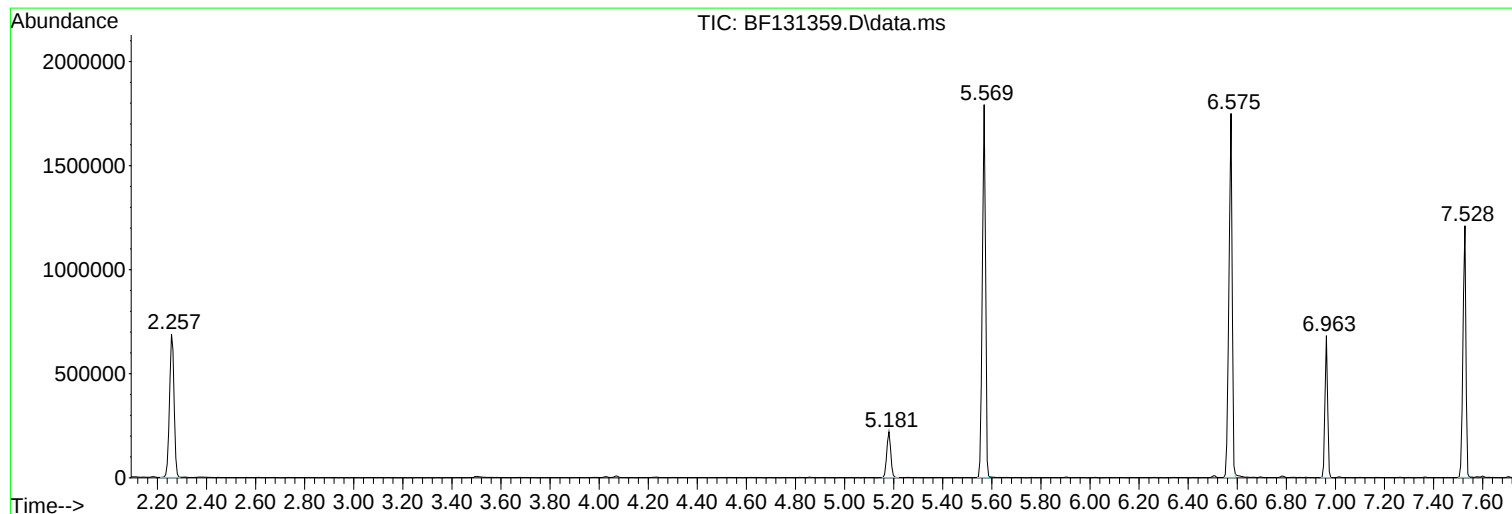
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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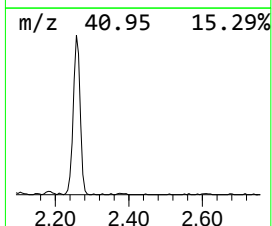
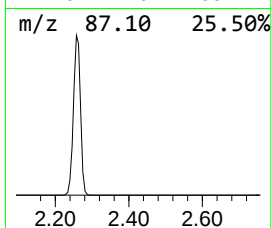
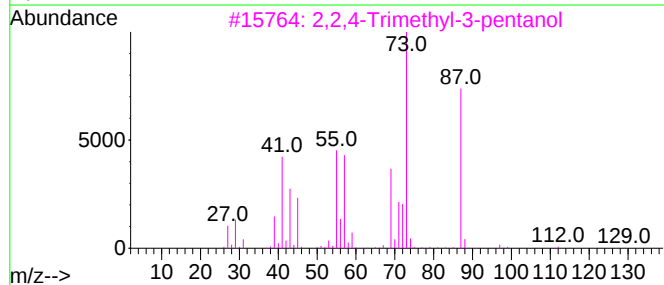
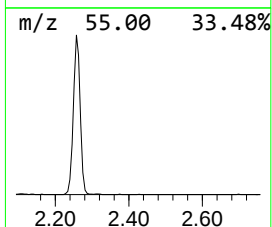
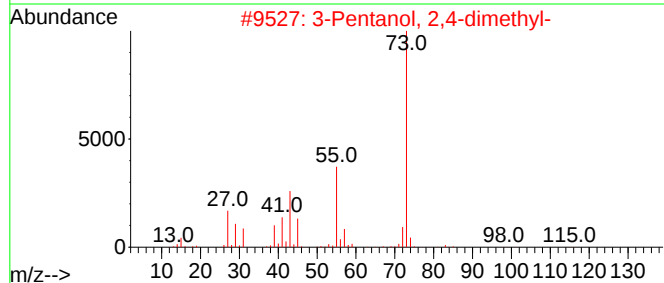
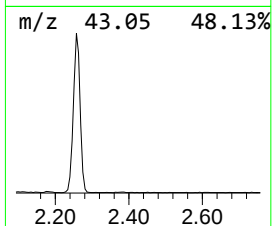
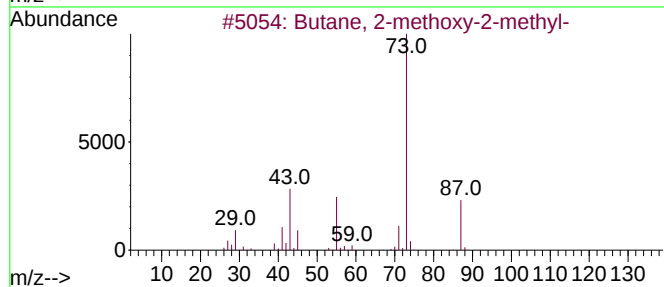
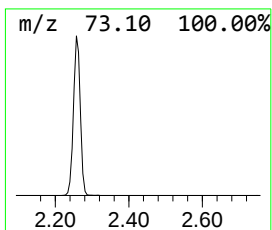
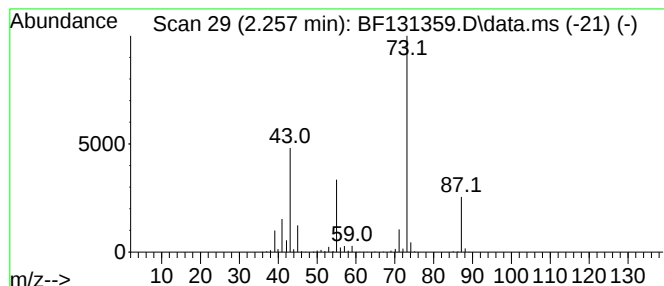
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
2.257	34.30 ng	883324	1,4-Dichlorobenzene-d4	6.963

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	40
4			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
5			1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	23



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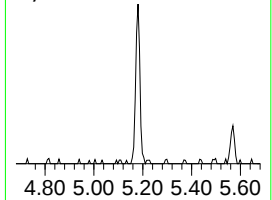
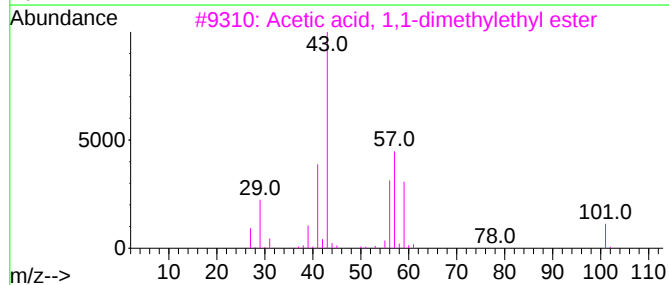
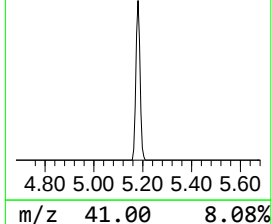
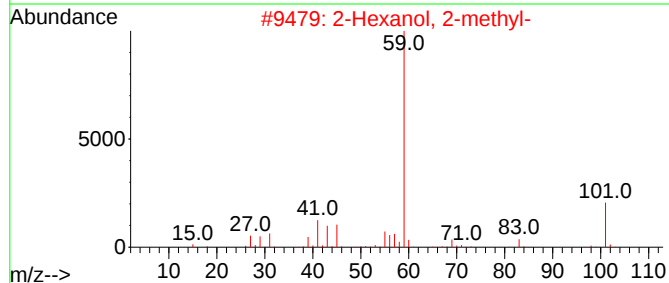
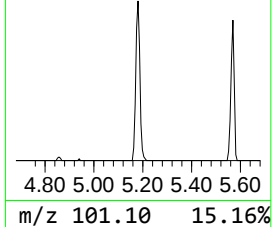
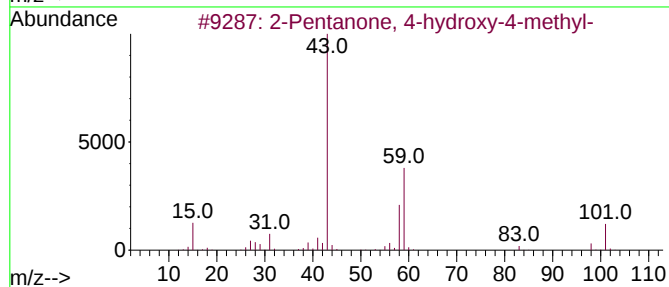
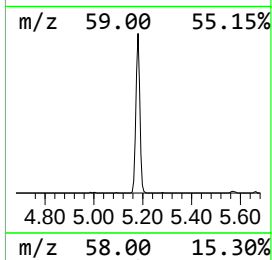
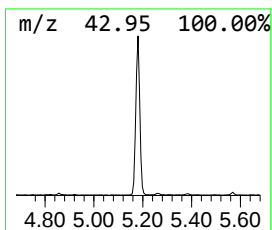
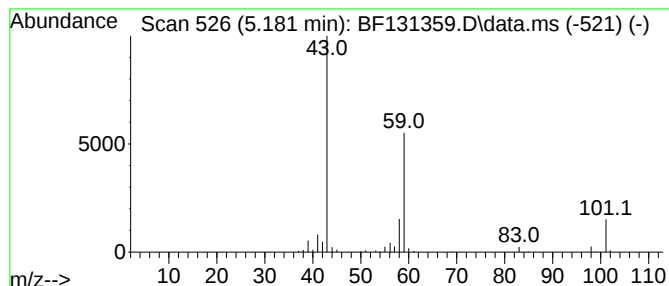
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Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.181	9.65 ng	248406	1,4-Dichlorobenzene-d4	6.963

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	38
3			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
4			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27
5			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23



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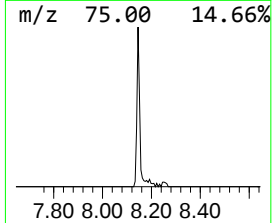
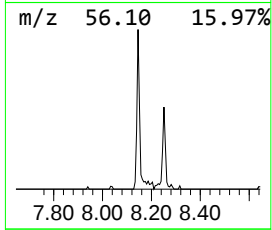
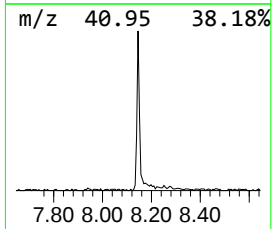
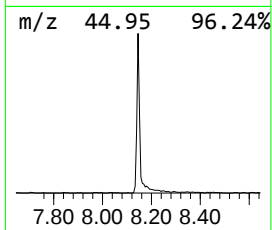
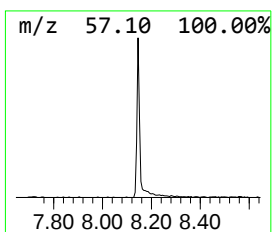
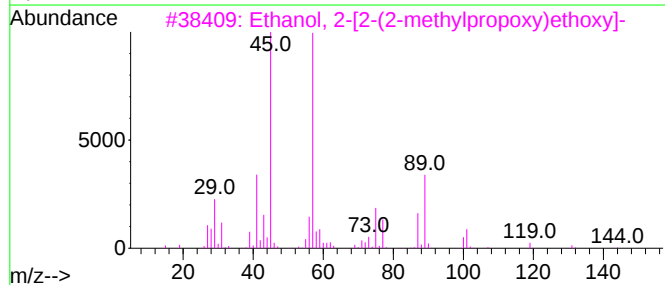
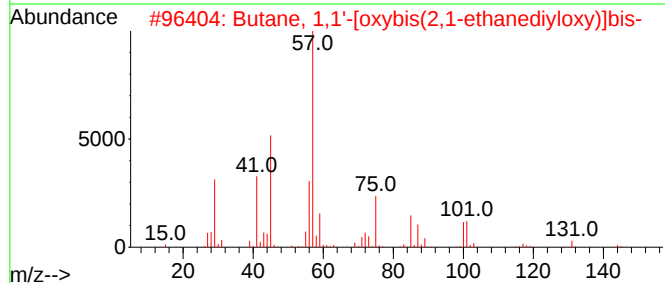
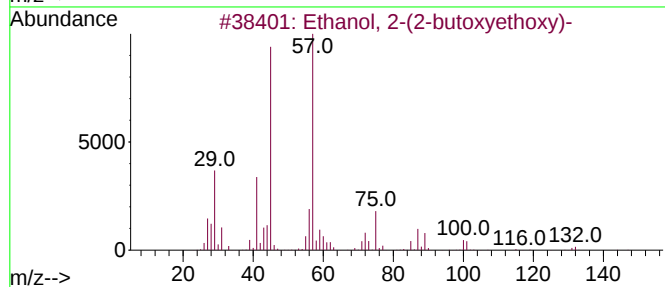
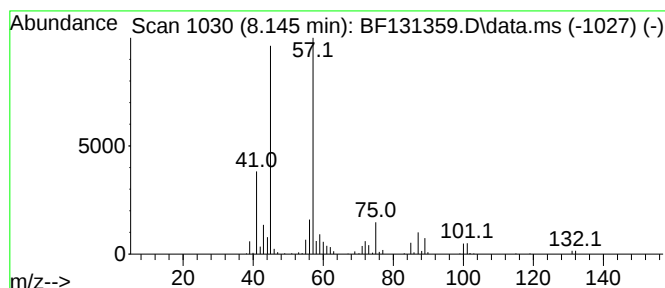
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.145	6.70 ng	218060	Naphthalene-d8	8.251

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2			Butane, 1,1'-[oxybis(2,1-ethaned...	218	C12H26O3	000112-73-2	64
3			Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	56
4			Methoxyacetic acid, butyl ester	146	C7H14O3	017640-22-1	53
5			Di-sec-Butyl ether	130	C8H18O	006863-58-7	53



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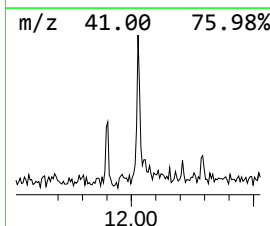
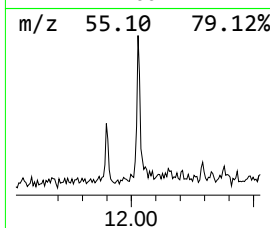
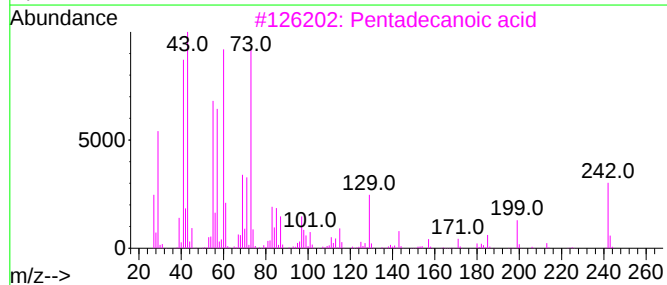
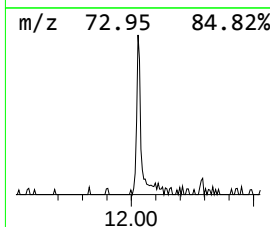
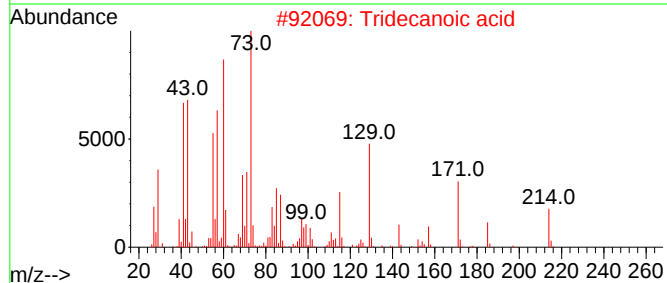
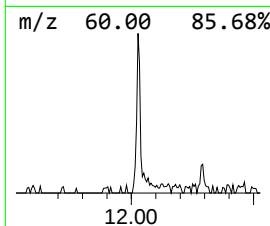
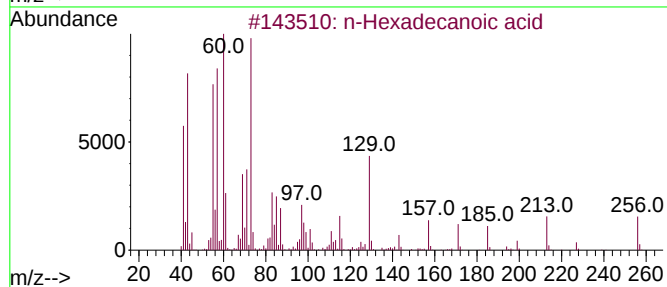
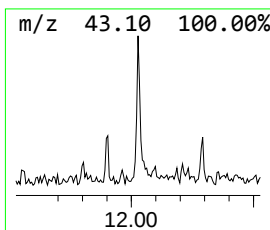
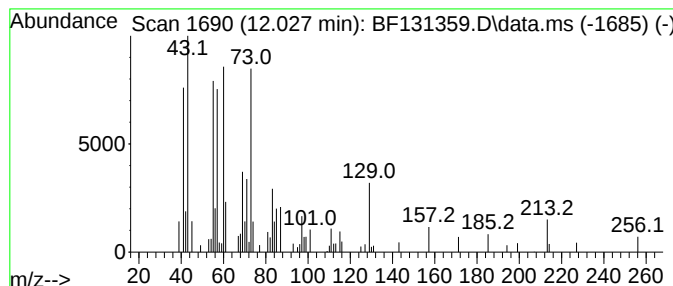
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.027	2.23 ng	75509	Phenanthrene-d10	11.516

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	74
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	72
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5			Undecanoic acid	186	C11H22O2	000112-37-8	72



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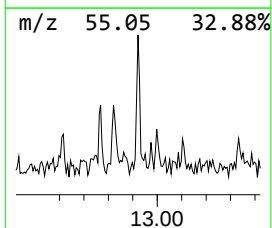
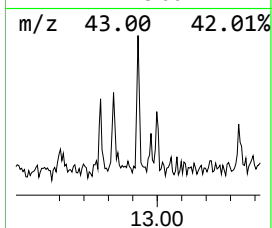
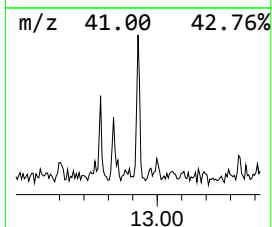
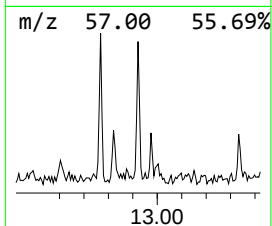
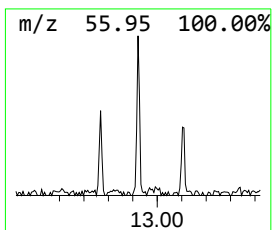
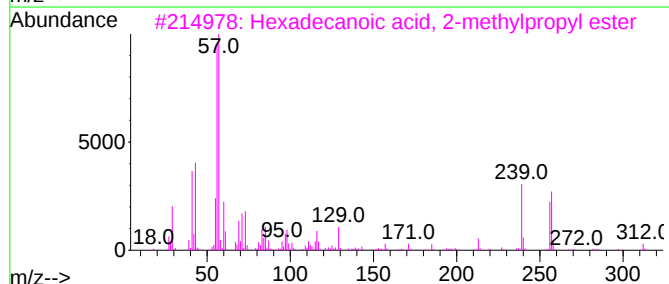
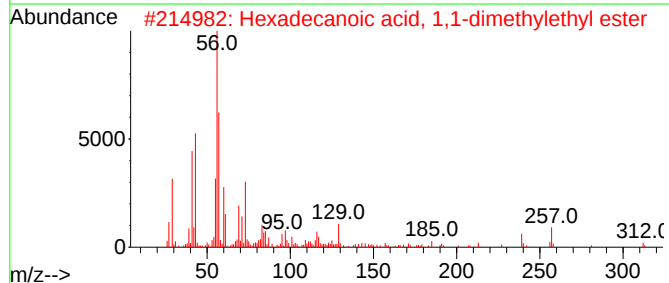
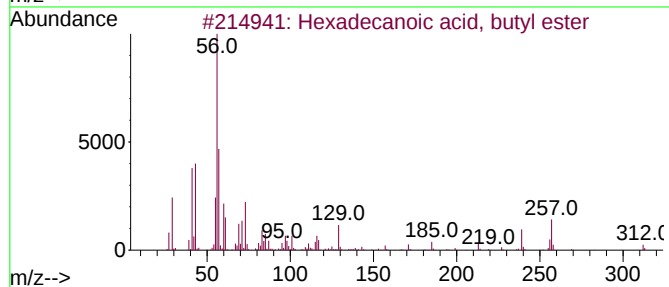
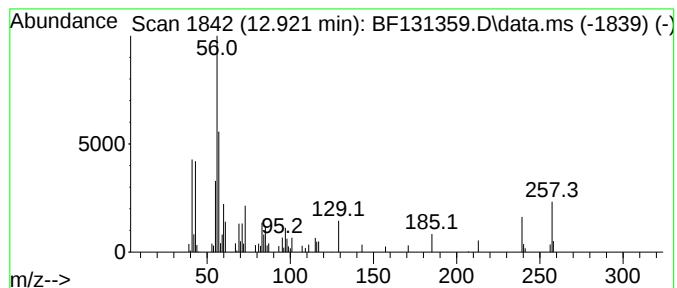
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Peak Number 5 Hexadecanoic acid, butyl ester Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.921	2.04 ng	44822	Chrysene-d12	14.168	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	87
2	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	74
3	Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	64
4	Pentadecane, 8-methylene-	224	C16H32	055668-09-2	38
5	Cyclopentanecarboxylic acid, 2-a...	129	C6H11NO2	040482-05-1	35



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-metho...	2.257	34.3	ng	883324	1	6.963	515015	20.0
2-Pentanone, 4-...	5.181	9.7	ng	248406	1	6.963	515015	20.0
Ethanol, 2-(2-b...	8.145	6.7	ng	218060	2	8.251	650491	20.0
n-Hexadecanoic ...	12.027	2.2	ng	75509	4	11.516	678140	20.0
Hexadecanoic ac...	12.921	2.0	ng	44822	5	14.168	438416	20.0