

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040424\
 Data File : BG060782.D
 Acq On : 4 Apr 2024 17:34
 Operator : MA/JU
 Sample : P1974-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-2

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_G\Methods\8270-BG032924.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG060782.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.099	14	19	27	rVV4	27530	56908	1.86%	0.307%
2	3.175	27	32	48	rVB	411723	686486	22.42%	3.698%
3	3.692	115	120	129	rVB	33679	53590	1.75%	0.289%
4	5.073	348	355	362	rBV	45307	69377	2.27%	0.374%
5	5.537	426	434	448	rBV	944851	1459752	47.68%	7.863%
6	7.112	695	702	714	rBV	881052	1476835	48.23%	7.955%
7	7.952	838	845	853	rBV	252684	418456	13.67%	2.254%
8	9.104	1032	1041	1049	rBV	521740	914124	29.86%	4.924%
9	10.525	1275	1283	1289	rBV	21352	34748	1.13%	0.187%
10	10.749	1313	1321	1328	rBV	319025	562121	18.36%	3.028%
11	11.489	1440	1447	1456	rBV3	17001	32345	1.06%	0.174%
12	13.211	1732	1740	1747	rBV	1061873	1655240	54.06%	8.916%
13	14.580	1965	1973	1980	rBV	518645	834102	27.24%	4.493%
14	14.809	2003	2012	2018	rBV6	26958	63725	2.08%	0.343%
15	16.066	2219	2226	2238	rBV	1172149	1798839	58.75%	9.690%
16	17.329	2435	2441	2446	rBV	739834	1133311	37.01%	6.105%
17	17.370	2446	2448	2453	rVV	64915	80362	2.62%	0.433%
18	18.240	2588	2596	2607	rBV2	113732	190525	6.22%	1.026%
19	19.386	2785	2791	2797	rBV	127179	190436	6.22%	1.026%
20	19.515	2810	2813	2819	rBV5	38784	57186	1.87%	0.308%
21	19.744	2844	2852	2857	rBV	116243	195247	6.38%	1.052%
22	19.956	2882	2888	2894	rBV	2362830	3061834	100.00%	16.493%
23	21.278	3108	3113	3124	rBV4	170274	305816	9.99%	1.647%
24	21.595	3159	3167	3172	rBV2	789239	1411421	46.10%	7.603%
25	21.836	3204	3208	3213	rBV3	42391	61534	2.01%	0.331%
26	22.447	3307	3312	3322	rBV5	47904	108503	3.54%	0.584%
27	23.140	3426	3430	3434	rBV3	27084	43176	1.41%	0.233%
28	23.939	3562	3566	3570	rBV5	23740	40218	1.31%	0.217%
29	24.580	3670	3675	3685	rVB2	42478	113904	3.72%	0.614%
30	24.738	3691	3702	3721	rBV	517142	1453939	47.49%	7.832%

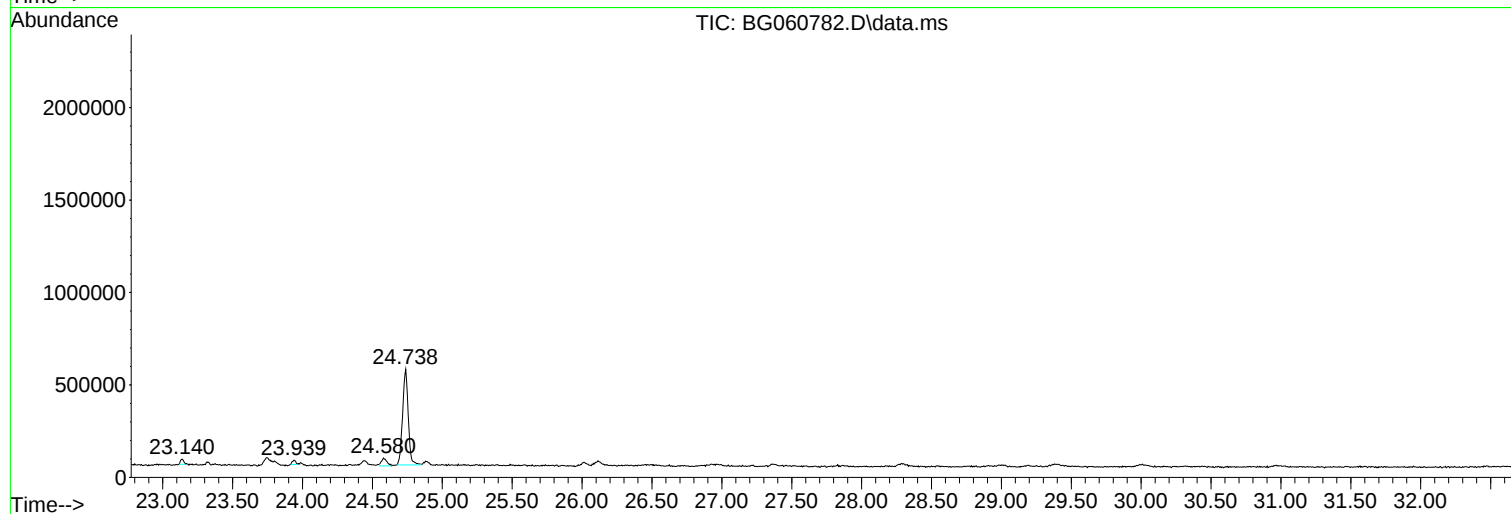
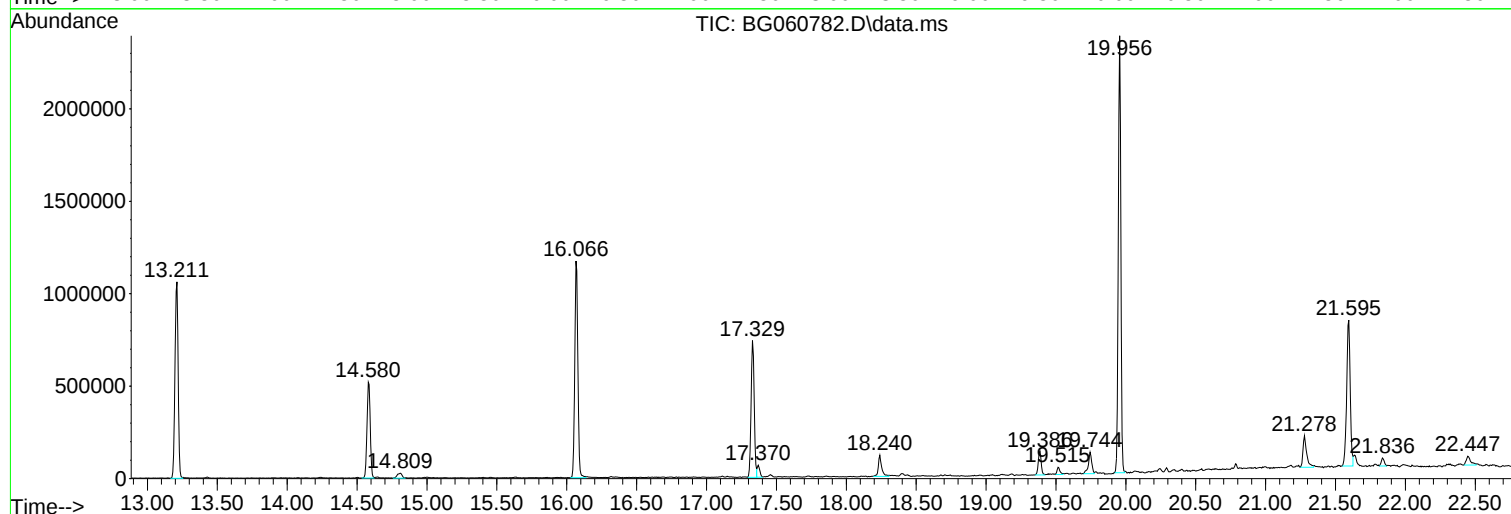
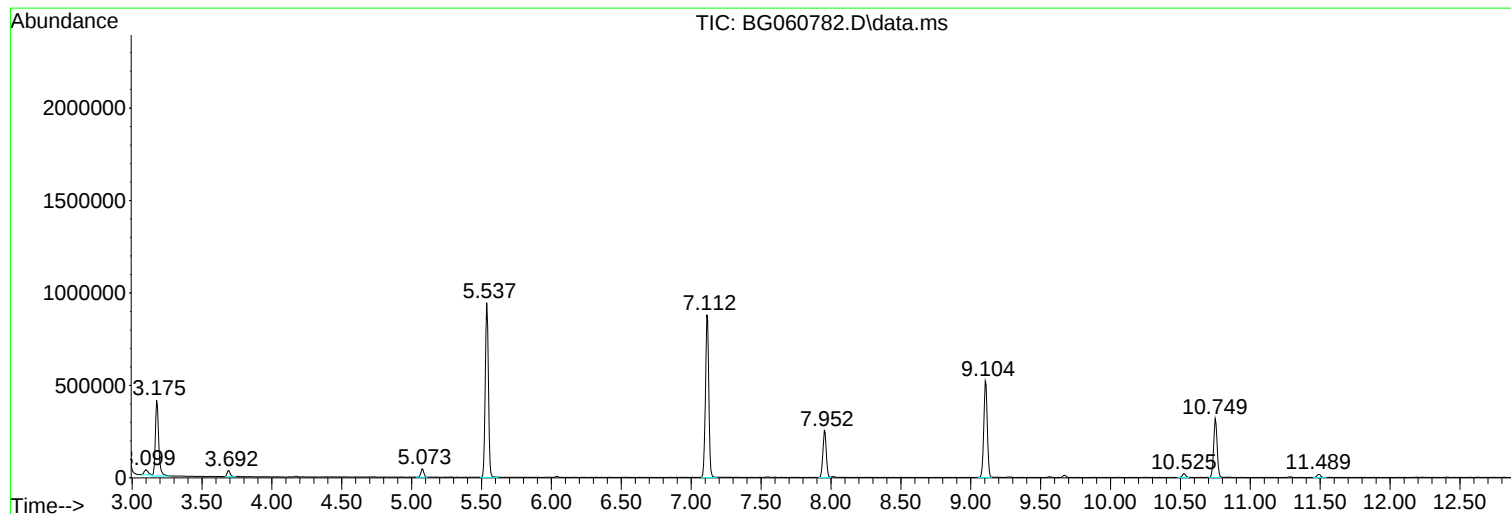
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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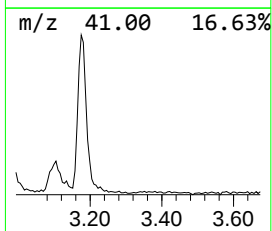
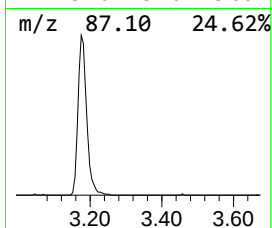
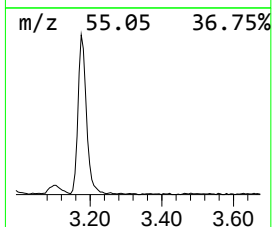
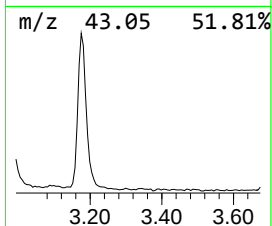
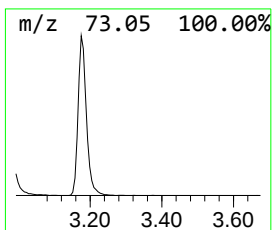
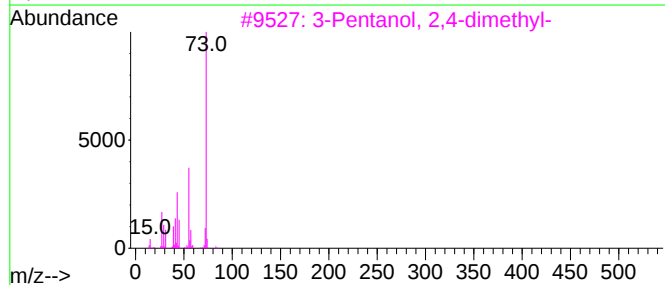
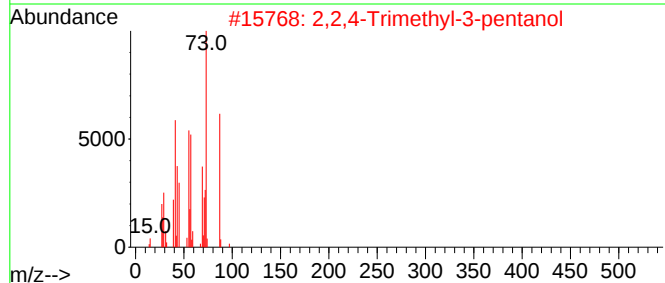
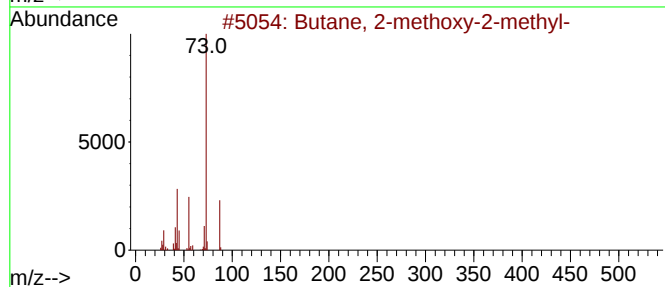
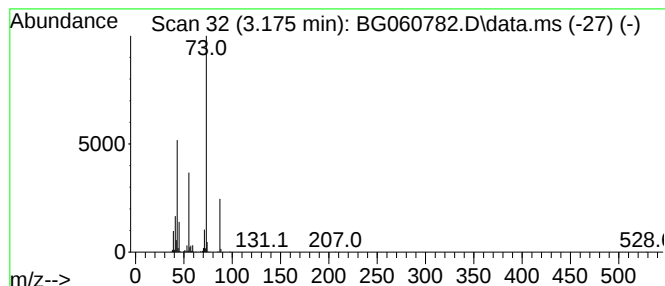
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.175	32.81 ng	686486	1,4-Dichlorobenzene-d4	7.952

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	43
3			3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37
4			Silane, tetramethyl-	88	C4H12Si	000075-76-3	32
5			1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	23



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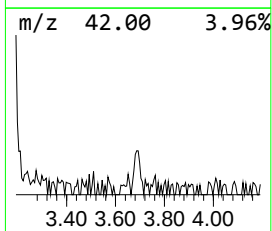
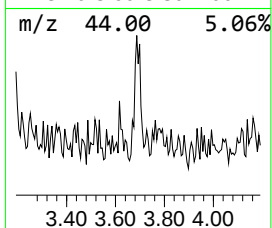
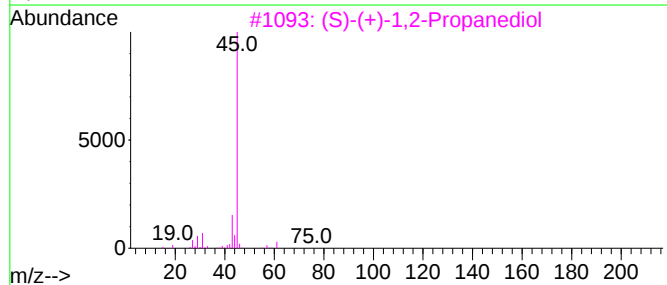
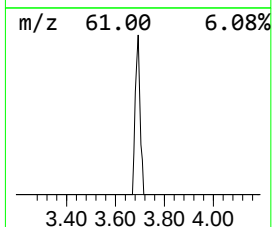
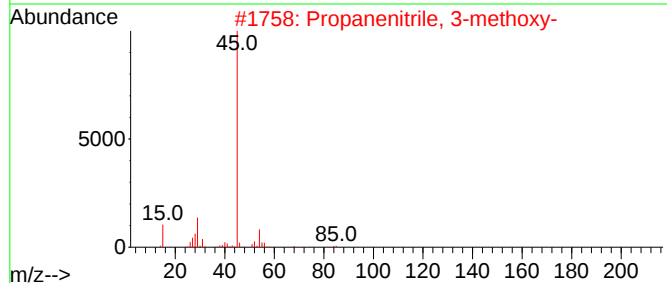
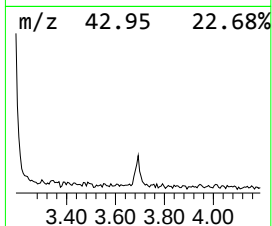
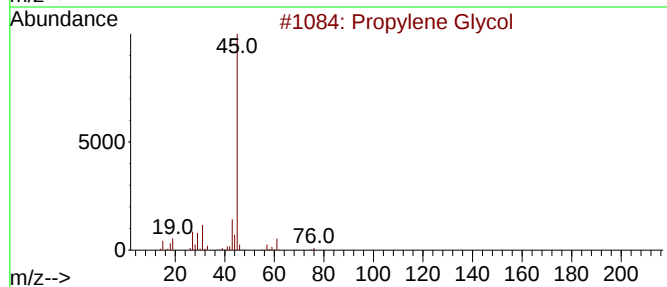
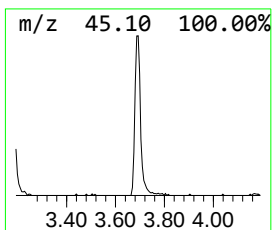
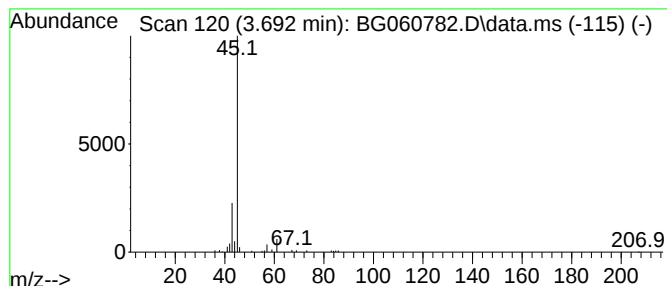
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TIC Library : C:\Database\NIST20.L
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Peak Number 3 unknown3.692 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.692	2.56 ng	53590	1,4-Dichlorobenzene-d4	7.952

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Propylene Glycol	76	C3H8O2	000057-55-6	43
2			Propanenitrile, 3-methoxy-	85	C4H7NO	000110-67-8	9
3			(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	9
4			Butanenitrile, 2-(methoxymethoxy)	129	C6H11NO2	1000196-86-5	9
5			Isopropyl Alcohol	60	C3H8O	000067-63-0	9



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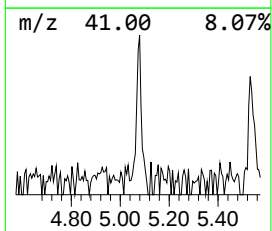
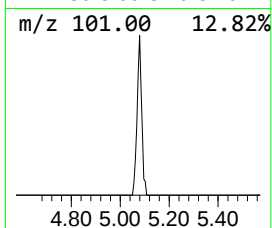
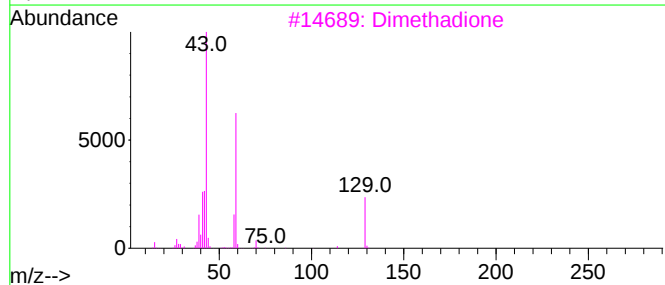
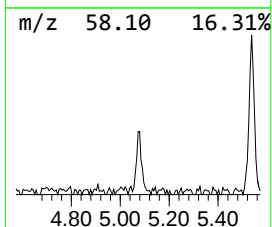
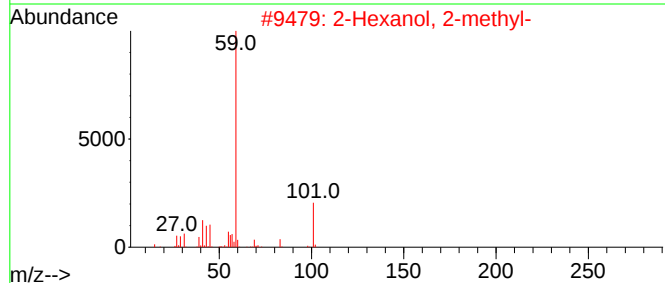
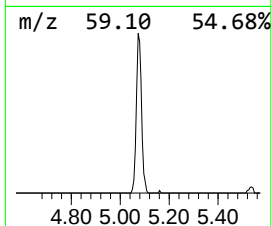
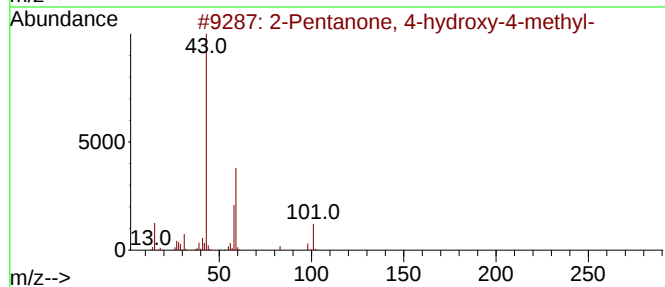
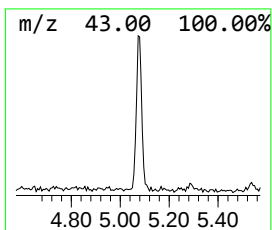
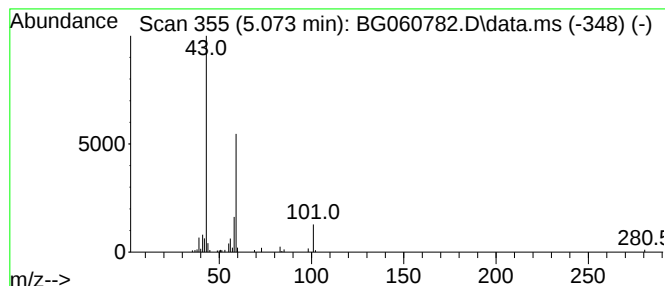
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.073	3.32 ng	69377	1,4-Dichlorobenzene-d4	7.952

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	43
3			Dimethadione	129	C5H7NO3	000695-53-4	38
4			2-Pentanol, 5-methoxy-2-methyl-	132	C7H16O2	055724-04-4	28
5			3-Octanol	130	C8H18O	000589-98-0	28



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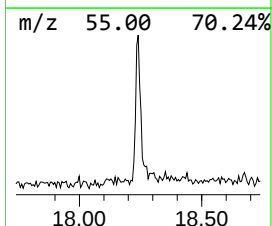
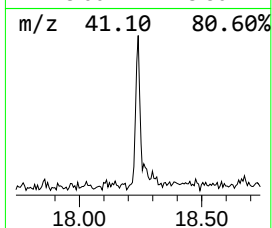
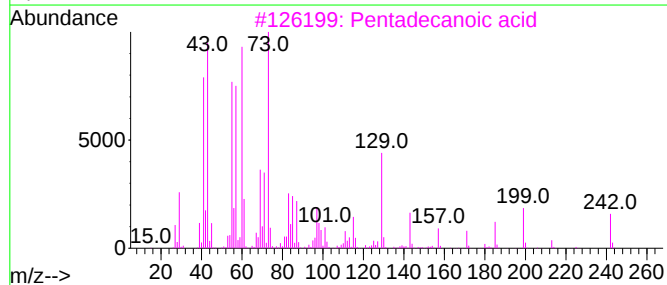
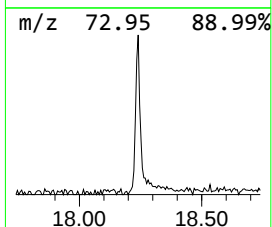
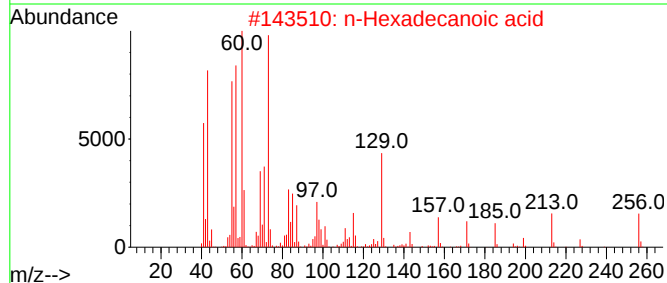
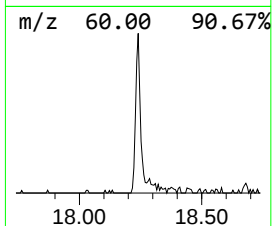
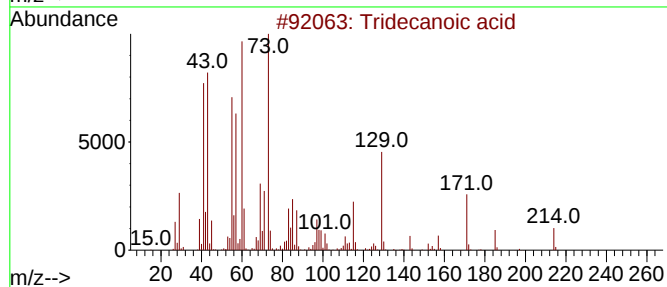
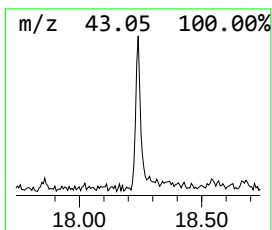
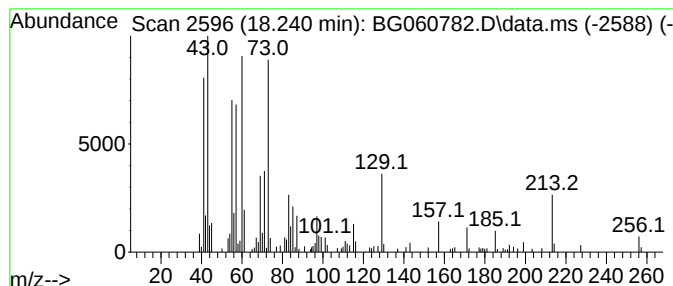
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Peak Number 5 Tridecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.240	3.36 ng	190525	Phenanthrene-d10	17.329

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecanoic acid	214	C13H26O2	000638-53-9	96
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	74
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5			n-Decanoic acid	172	C10H20O2	000334-48-5	64



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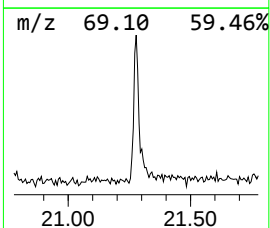
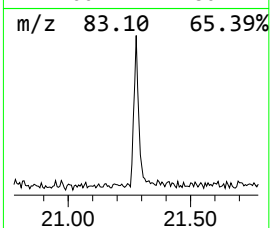
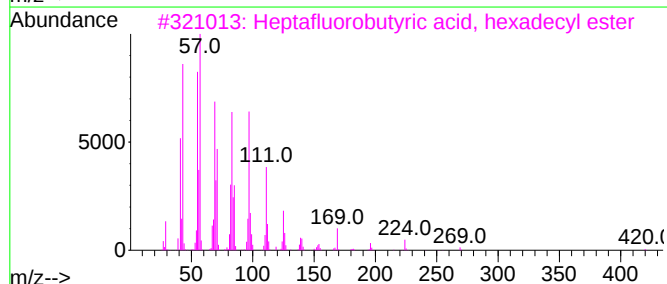
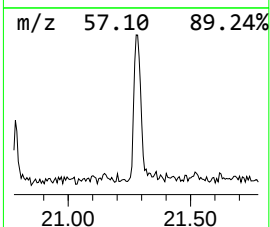
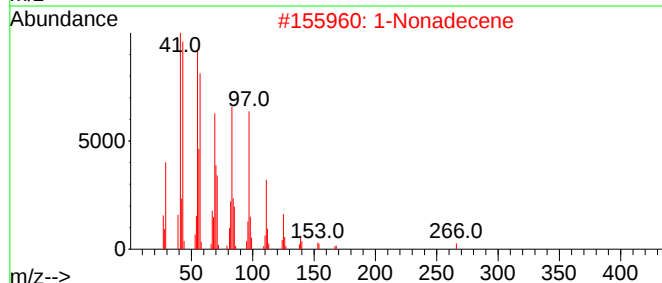
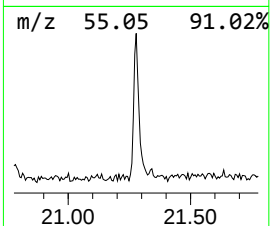
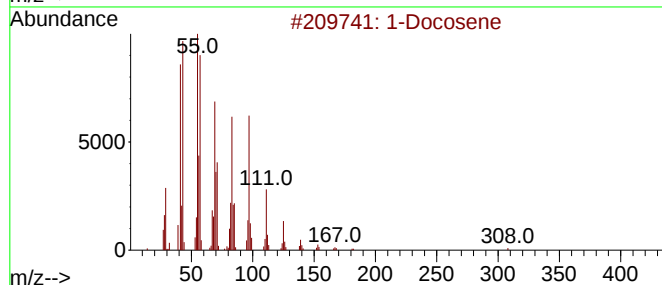
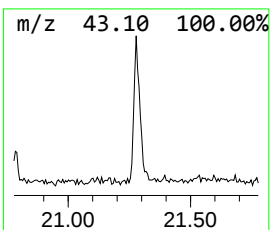
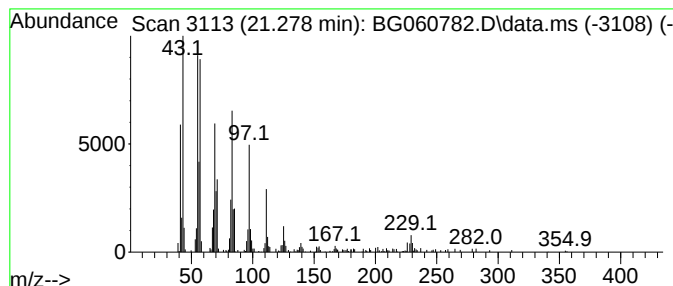
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Peak Number 6 1-Docosene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.278	4.33 ng	305816	Chrysene-d12	21.595

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene			308	C22H44	001599-67-3	95
2	1-Nonadecene			266	C19H38	018435-45-5	91
3	Heptafluorobutyric acid, hexadec...			438	C20H33F7O2	006385-15-5	91
4	Pentafluoropropionic acid, hexad...			388	C19H33F5O2	006222-07-7	91
5	n-Tetracosanol-1			354	C24H50O	000506-51-4	91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-metho...	3.175	32.8	ng	686486	1	7.952	418456	20.0
unknown3.692	3.692	2.6	ng	53590	1	7.952	418456	20.0
2-Pentanone, 4-...	5.073	3.3	ng	69377	1	7.952	418456	20.0
Tridecanoic acid	18.240	3.4	ng	190525	4	17.329	1133310	20.0
1-Docosene	21.278	4.3	ng	305816	5	21.595	1411420	20.0