

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN032719\
 Data File : BN005008.D
 Acq On : 27 Mar 2019 23:25
 Operator : JU/SJ
 Sample : K2093-17
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 30092-30093-5

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-BN032619.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.899	150	155	168	rVB	404428	537873	100.00%	26.945%
2	5.270	383	388	393	rBV	7092	9235	1.72%	0.463%
3	5.758	466	471	478	rVB	21249	27429	5.10%	1.374%
4	6.852	652	657	660	rBV	4841	6950	1.29%	0.348%
5	7.211	713	718	723	rBV	9324	13525	2.51%	0.678%
6	7.675	792	797	801	rBV	27387	39744	7.39%	1.991%
7	7.722	801	805	813	rVB	24836	35637	6.63%	1.785%
8	7.987	844	850	857	rVB	50142	77155	14.34%	3.865%
9	8.834	989	994	1002	rVB	36712	57548	10.70%	2.883%
10	9.940	1154	1182	1186	rBV	64335	325312	60.48%	16.297%
11	10.458	1257	1270	1277	rVB	36963	75878	14.11%	3.801%
12	12.622	1630	1638	1645	rVB	35072	60093	11.17%	3.010%
13	12.934	1685	1691	1697	rVB	104211	145817	27.11%	7.305%
14	13.087	1711	1717	1722	rVB	11096	15340	2.85%	0.768%
15	13.775	1831	1834	1839	rVB	6253	7381	1.37%	0.370%
16	14.322	1921	1927	1933	rVB2	51856	75015	13.95%	3.758%
17	15.816	2178	2181	2185	rBV	8147	9279	1.73%	0.465%
18	17.069	2389	2394	2401	rVB	63265	84195	15.65%	4.218%
19	19.698	2836	2841	2846	rBV	172887	196790	36.59%	9.858%
20	21.263	3102	3107	3114	rVB	79109	96640	17.97%	4.841%
21	23.504	3481	3488	3496	rVB	57146	99340	18.47%	4.977%

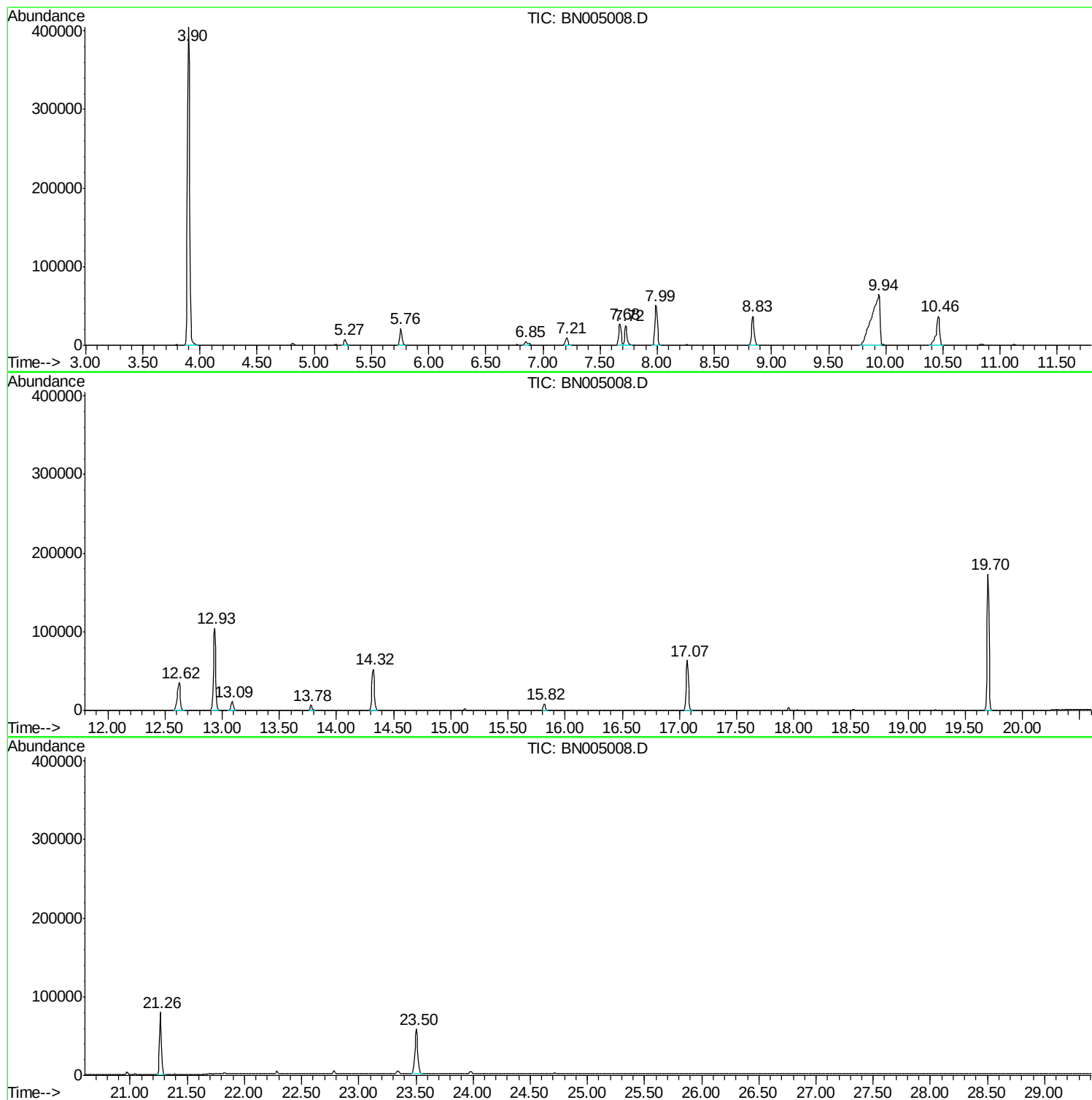
Sum of corrected areas: 1996176

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-BN032619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



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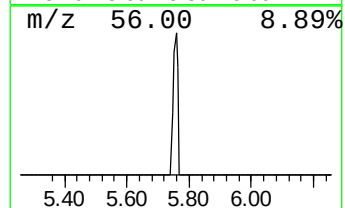
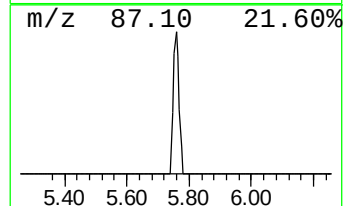
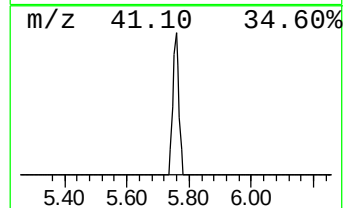
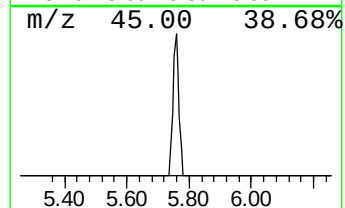
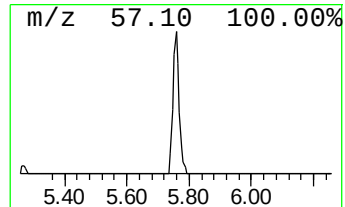
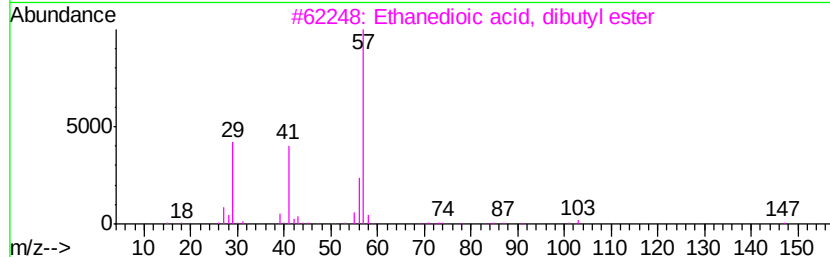
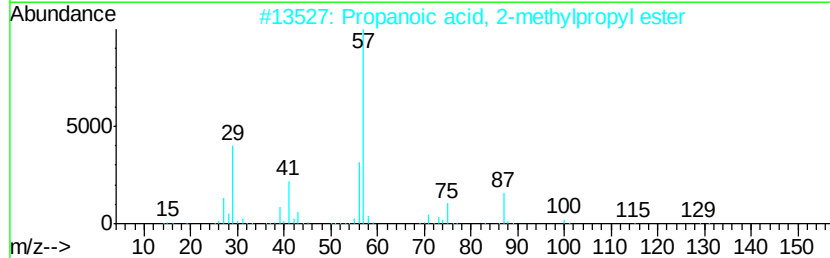
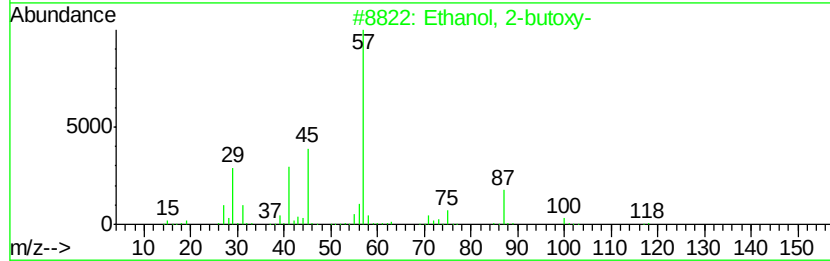
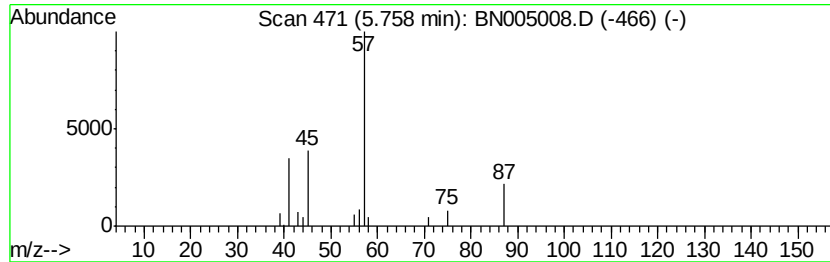
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-BN032619.M
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Ethanol, 2-butoxy- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.76	13.80 ng	27429	1,4-Dichlorobenzene-d4	7.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	83
2		Propanoic acid, 2-methylpropyl e...	130	C7H14O2	000540-42-1	9
3		Ethanedioic acid, dibutyl ester	202	C10H18O4	002050-60-4	9
4		Formic acid, 3,3-dimethylbut-2-y...	130	C7H14O2	1000368-20-5	9
5		Oxalic acid, butyl isobutyl ester	202	C10H18O4	1000309-36-9	9



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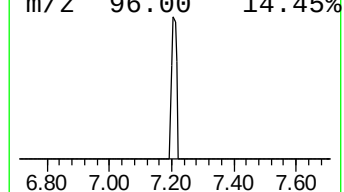
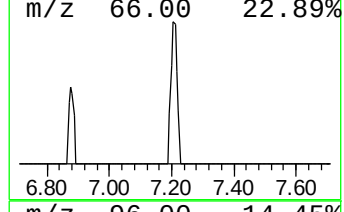
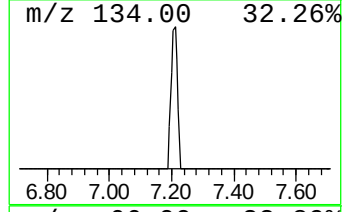
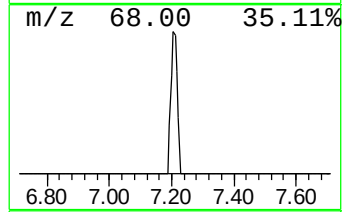
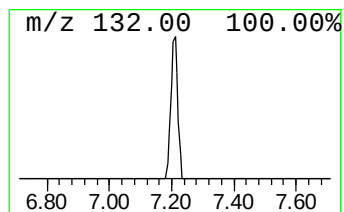
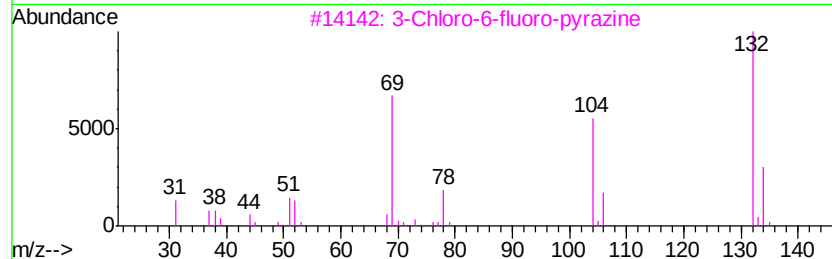
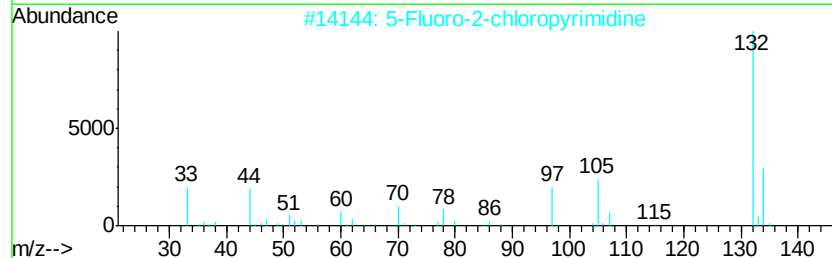
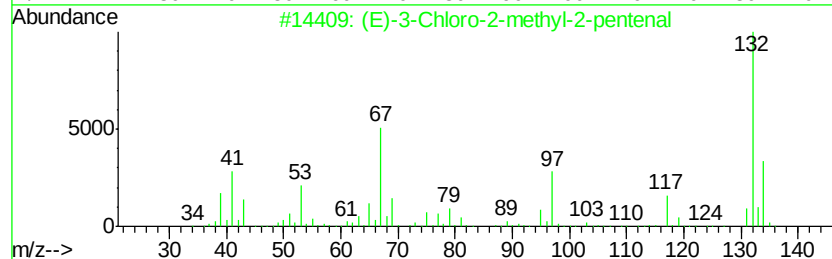
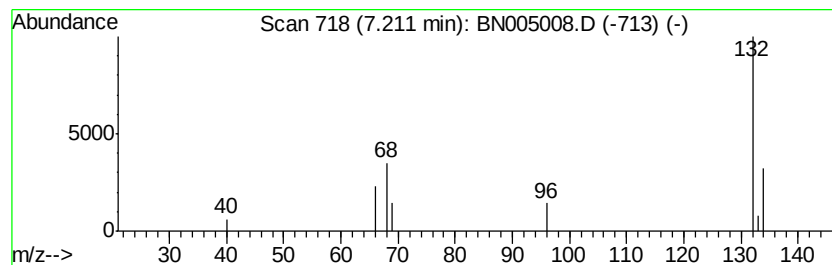
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown7.21 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.21	6.81 ng	13525	1,4-Dichlorobenzene-d4	7.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
3	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	9
4	1H-Indenol	132	C9H8O	056631-57-3	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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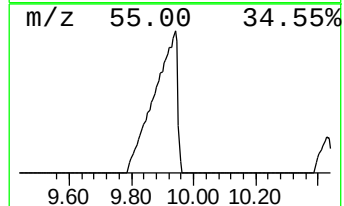
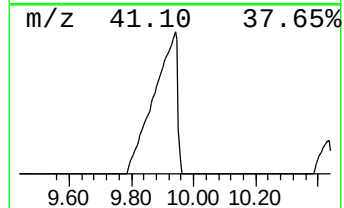
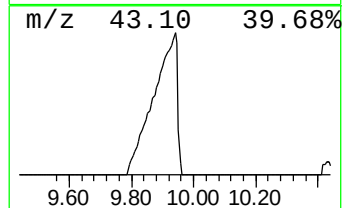
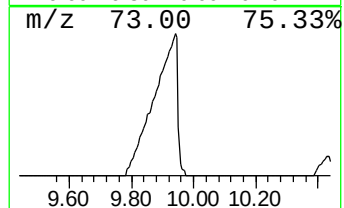
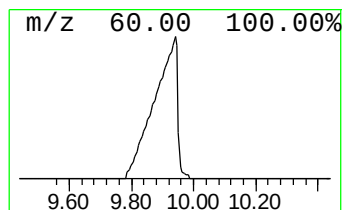
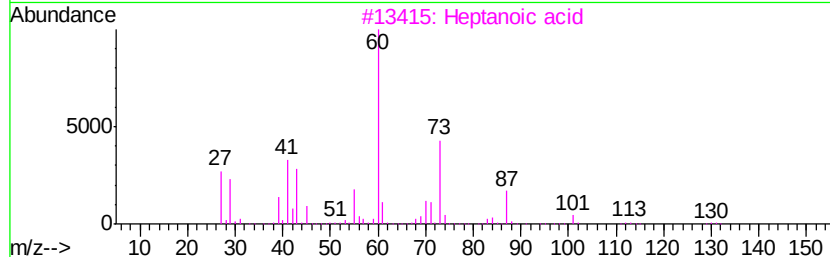
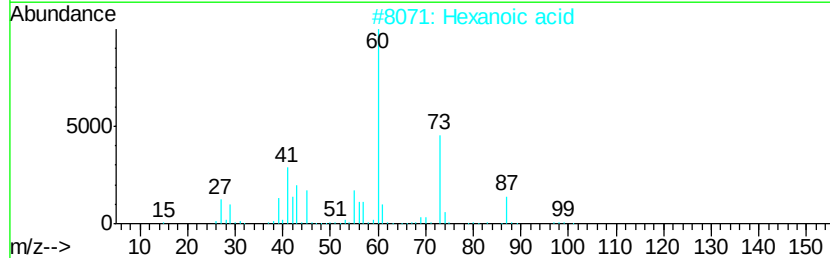
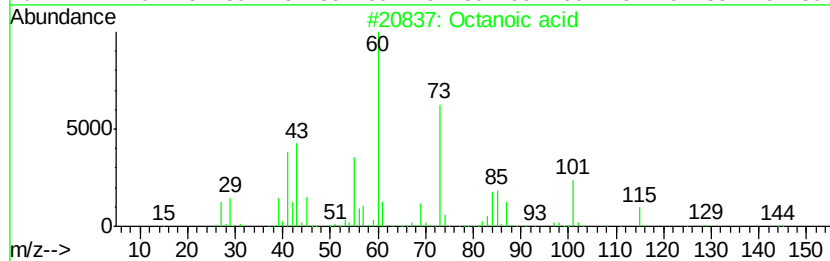
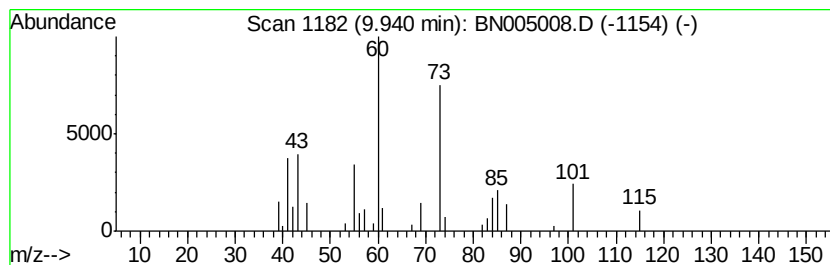
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Peak Number 5 Octanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.94	85.75 ng	325312	Naphthalene-d8	10.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octanoic acid	144	C8H16O2	000124-07-2	91
2		Hexanoic acid	116	C6H12O2	000142-62-1	43
3		Heptanoic acid	130	C7H14O2	000111-14-8	42
4		Propanedioic acid, propyl-	146	C6H10O4	000616-62-6	40
5		Pentanoic acid	102	C5H10O2	000109-52-4	40



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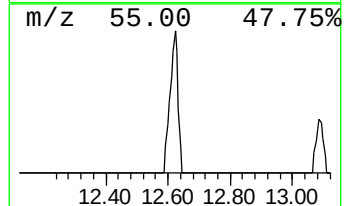
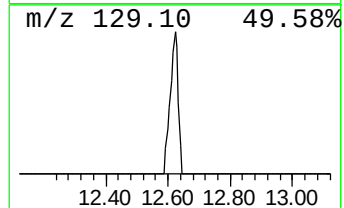
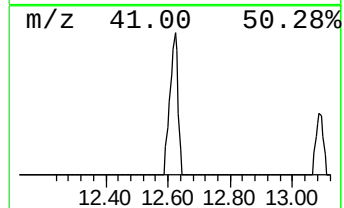
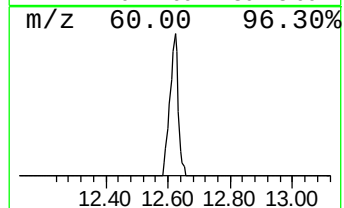
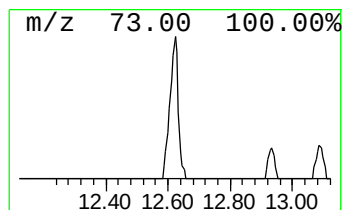
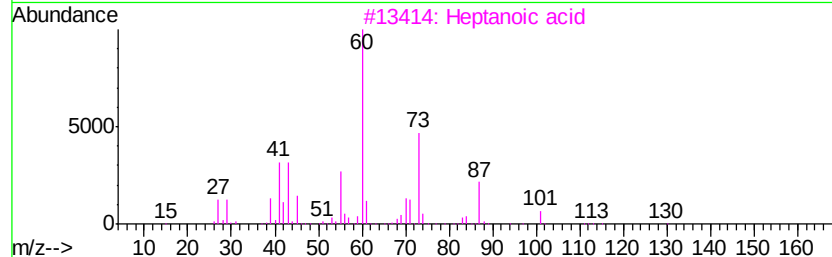
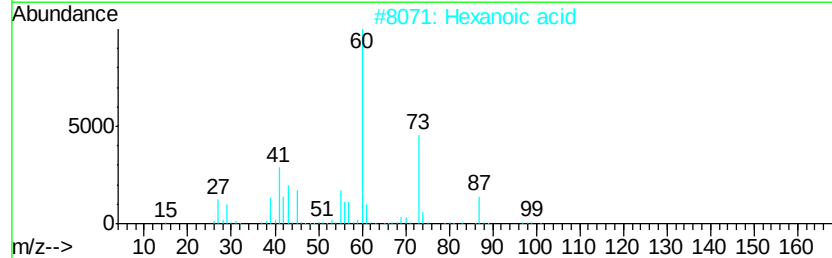
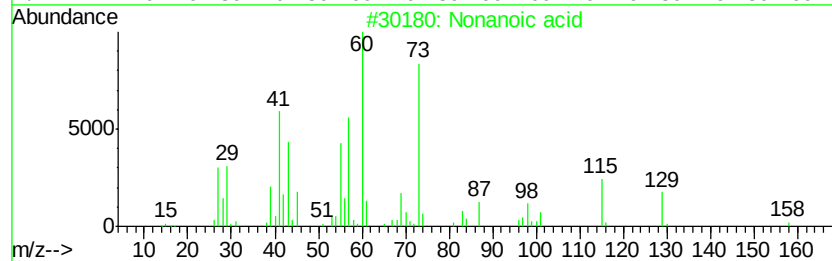
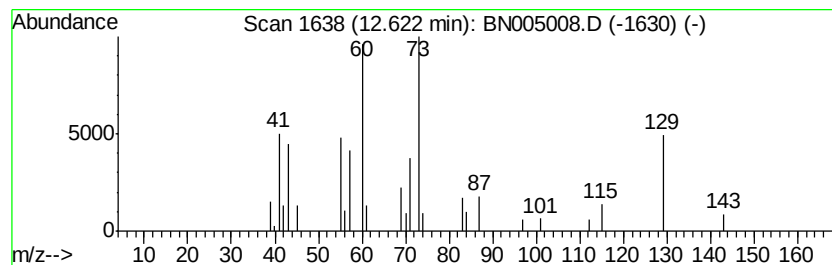
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Peak Number 6 unknown12.62 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.62	16.02 ng	60093	Acenaphthene-d10	14.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonanoic acid	158	C9H18O2	000112-05-0	40
2		Hexanoic acid	116	C6H12O2	000142-62-1	38
3		Heptanoic acid	130	C7H14O2	000111-14-8	38
4		2,3,4,5-Tetrahydroxypentanal	150	C5H10O5	053106-52-8	37
5		Pentanoic acid	102	C5H10O2	000109-52-4	37



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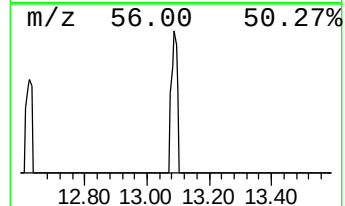
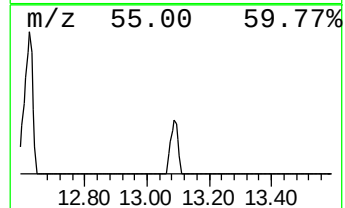
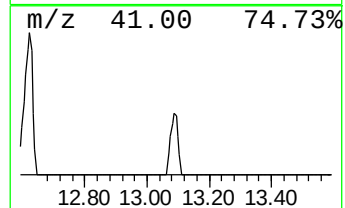
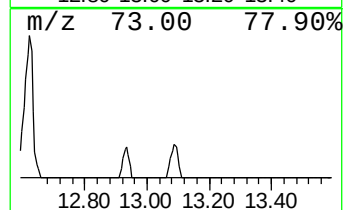
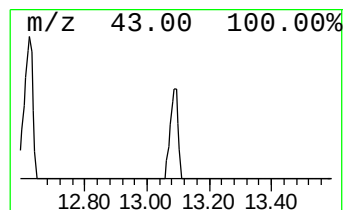
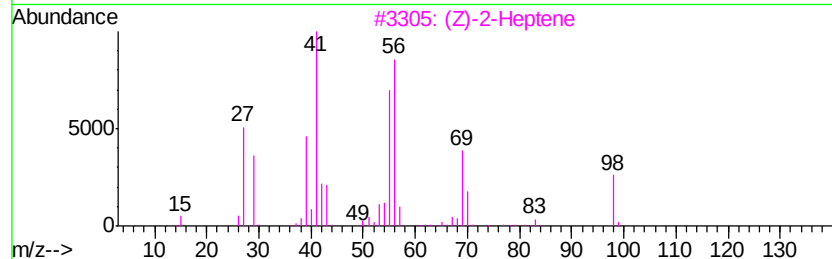
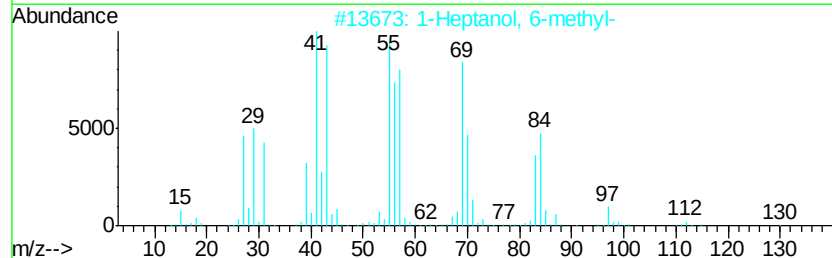
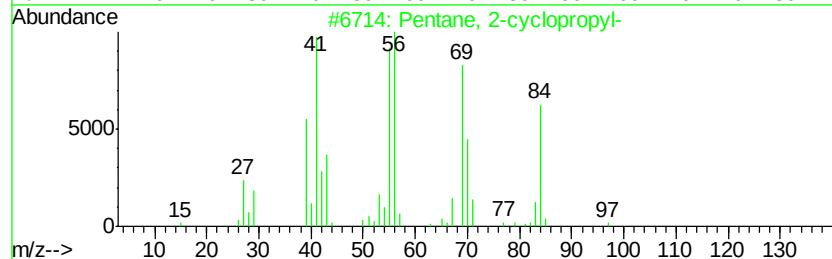
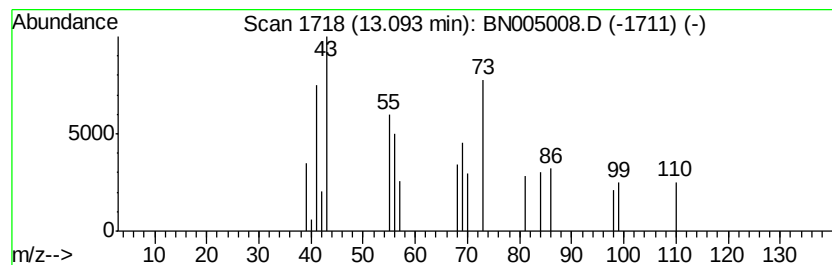
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Peak Number 7 unknown13.09 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.
13.09	4.09 ng	15340	Acenaphthene-d10		14.32
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-cyclopropyl-	112	C8H16	005458-16-2	35
2	1-Heptanol, 6-methyl-	130	C8H18O	001653-40-3	35
3	(Z)-2-Heptene	98	C7H14	006443-92-1	30
4	2-Heptene	98	C7H14	000592-77-8	27
5	3-Heptene, (E)-	98	C7H14	014686-14-7	25



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Ethanol, 2-butoxy-	5.76	13.8	ng	27429	1	7.68	39744	20.0
unknown7.21	7.21	6.8	ng	13525	1	7.68	39744	20.0
Octanoic acid	9.94	85.8	ng	325312	2	10.46	75878	20.0
unknown12.62	12.62	16.0	ng	60093	3	14.32	75015	20.0
unknown13.09	13.09	4.1	ng	15340	3	14.32	75015	20.0