

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060419\
 Data File : BG041063.D
 Acq On : 4 Jun 2019 18:14
 Operator : HP/JU
 Sample : K3076-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FESB-07(5-5.5)

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_G\METHODS\8270-BG052919.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	3.202	13	19	34	rVB	304104	557170	20.12%	2.321%
2	5.652	429	436	446	rBV	938634	1509833	54.51%	6.289%
3	7.262	701	710	720	rBV	988699	1741534	62.88%	7.254%
4	7.638	767	774	791	rBV	935651	1641622	59.27%	6.838%
5	8.114	847	855	866	rVB	356864	600485	21.68%	2.501%
6	8.437	902	910	919	rBV	576232	977730	35.30%	4.073%
7	9.289	1046	1055	1069	rBV	554955	1016383	36.70%	4.234%
8	10.934	1326	1335	1345	rBV	442311	793722	28.66%	3.306%
9	13.366	1741	1749	1758	rBV	1127979	1762669	63.64%	7.342%
10	14.183	1882	1888	1895	rBV	205058	290123	10.47%	1.208%
11	14.747	1977	1984	1992	rVB2	710112	1184782	42.78%	4.935%
12	16.228	2229	2236	2248	rBV	1341040	2064011	74.52%	8.597%
13	17.485	2444	2450	2464	rBV2	1034217	1592450	57.50%	6.633%
14	18.337	2590	2595	2605	rBV2	177730	303232	10.95%	1.263%
15	19.530	2794	2798	2806	rVB	54342	81117	2.93%	0.338%
16	19.606	2806	2811	2820	rBV10	31337	80547	2.91%	0.336%
17	19.894	2856	2860	2866	rVB2	46425	76161	2.75%	0.317%
18	20.082	2886	2892	2902	rBV	2183785	2769718	100.00%	11.537%
19	20.846	3019	3022	3027	rVB4	30890	36664	1.32%	0.153%
20	21.357	3105	3109	3118	rVB	249487	363458	13.12%	1.514%
21	21.768	3170	3179	3185	rBV2	1027286	1828771	66.03%	7.618%
22	21.909	3200	3203	3210	rVB2	51205	72389	2.61%	0.302%
23	22.532	3305	3309	3314	rBV	66183	99666	3.60%	0.415%
24	23.237	3424	3429	3438	rBV	86388	157593	5.69%	0.656%
25	24.065	3565	3570	3581	rVB3	104143	260192	9.39%	1.084%
26	25.099	3728	3746	3757	rBV	615256	1975881	71.34%	8.230%
27	26.210	3928	3935	3945	rVB3	55224	169335	6.11%	0.705%

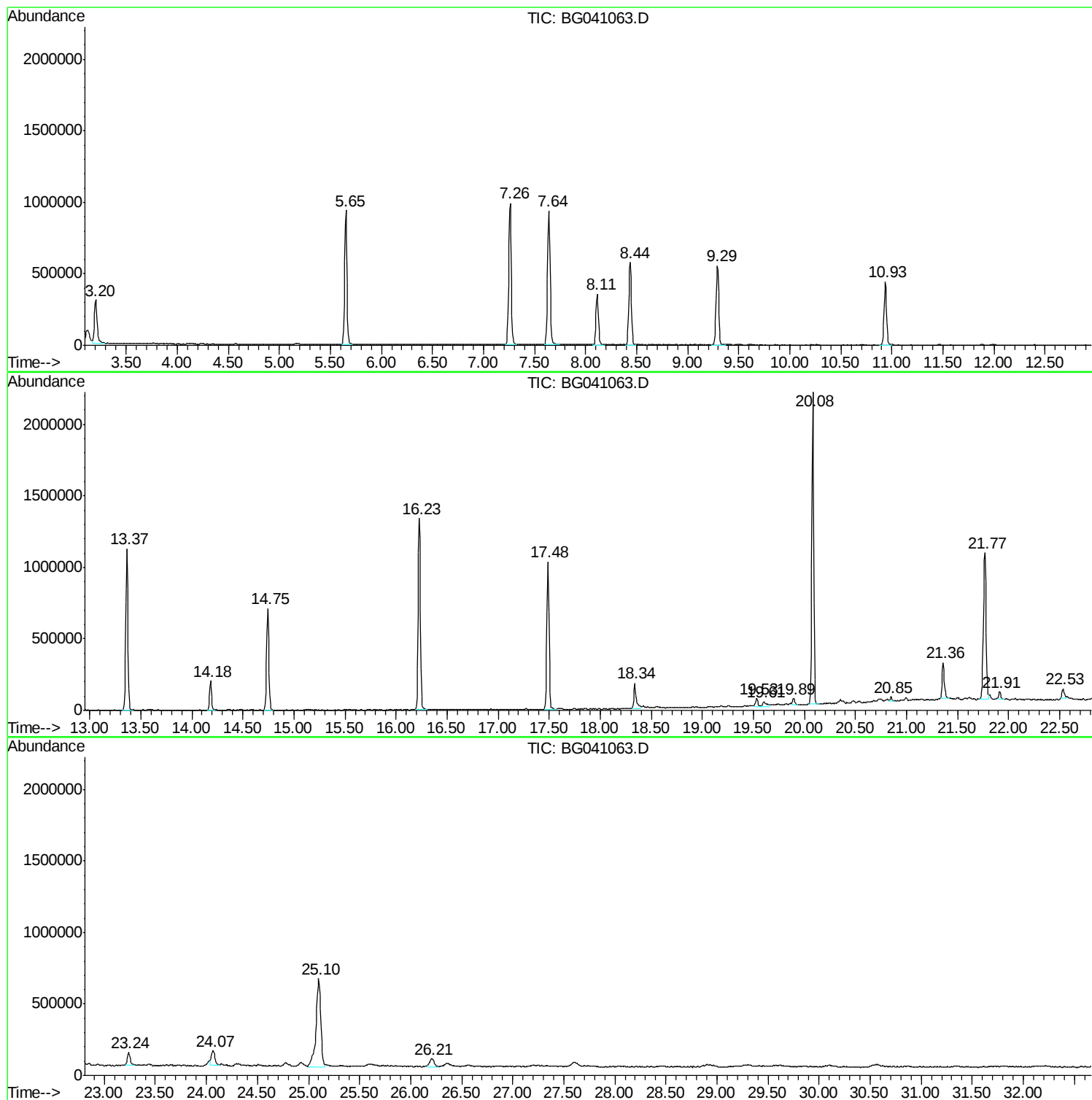
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FESB-07(5-5.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.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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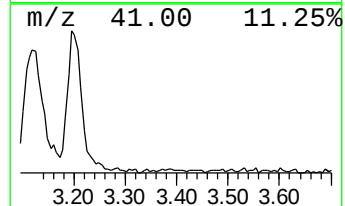
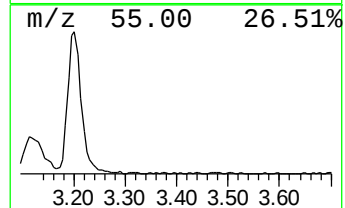
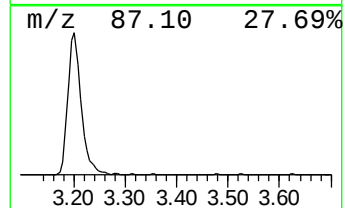
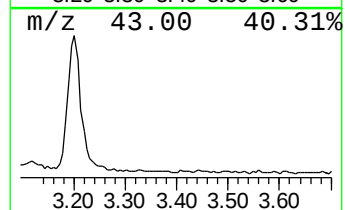
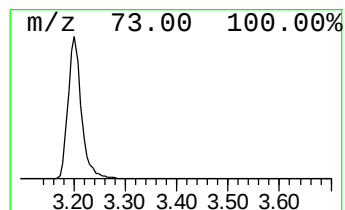
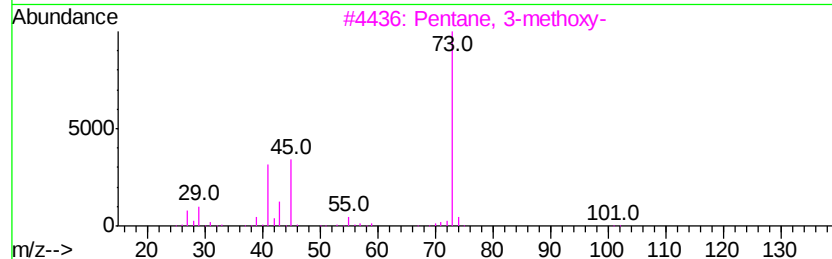
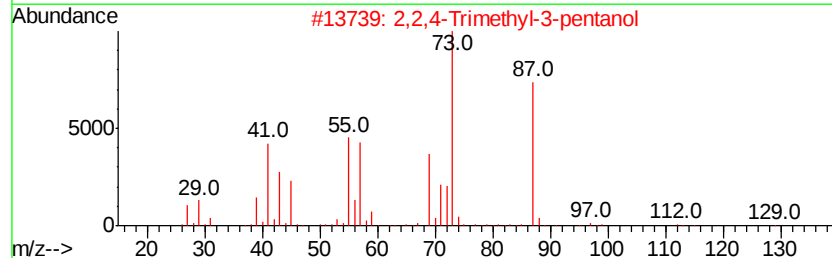
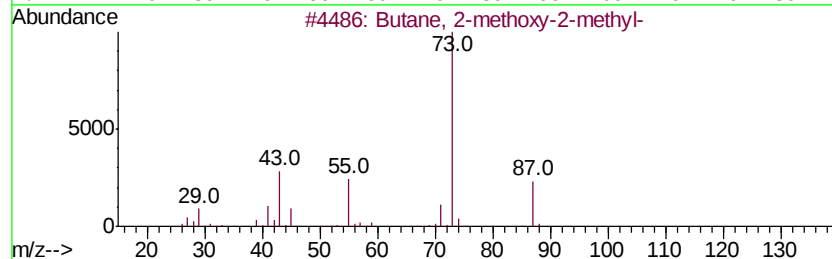
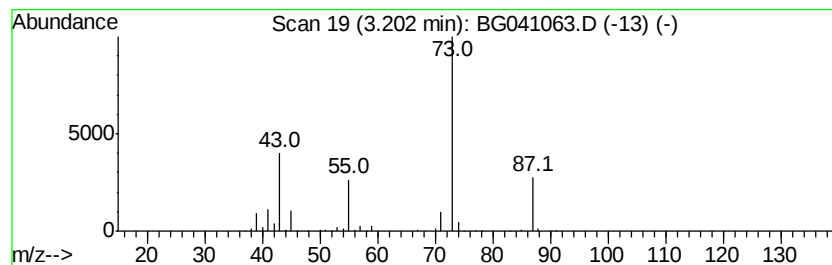
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.20	18.56 ng	557170	1,4-Dichlorobenzene-d4	8.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	74
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
4		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9



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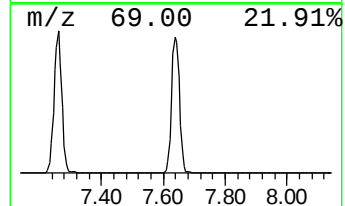
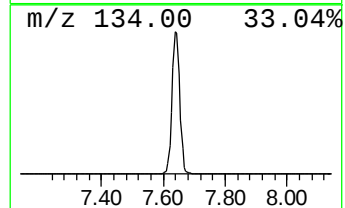
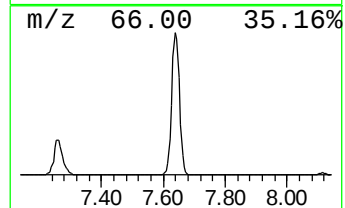
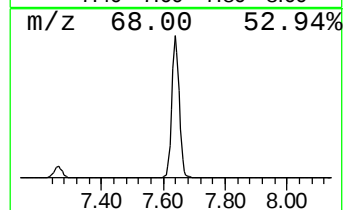
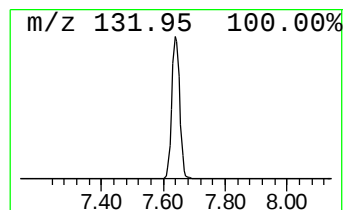
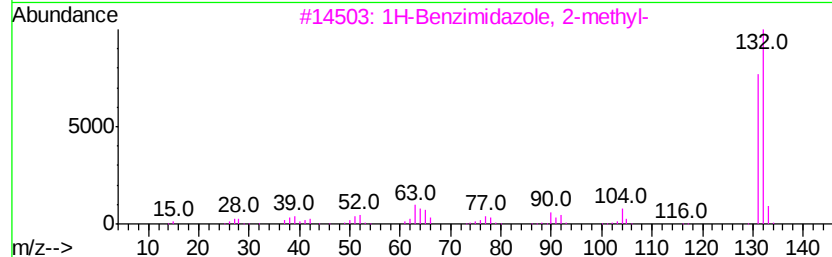
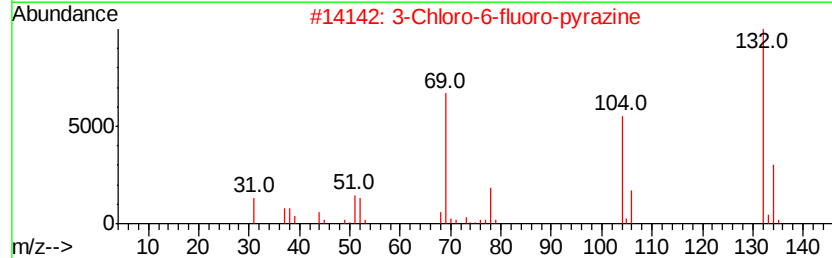
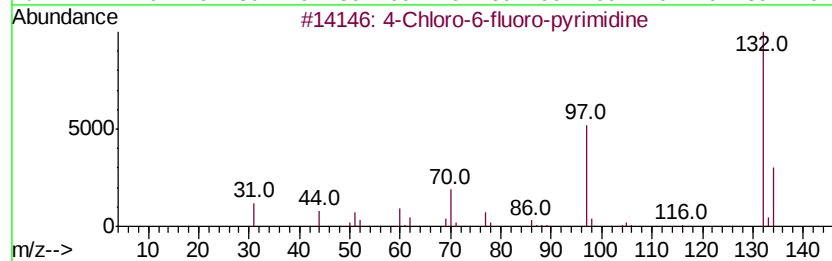
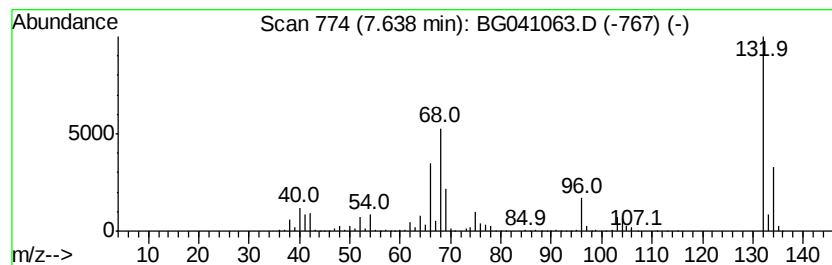
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Peak Number 2 unknown7.64 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.64	54.68 ng	1641620	1,4-Dichlorobenzene-d4	8.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4		5-Aminoindole	132	C8H8N2	005192-03-0	22
5		Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	22



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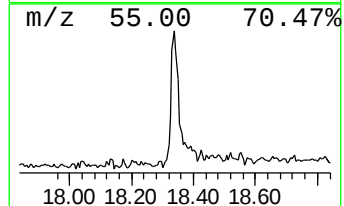
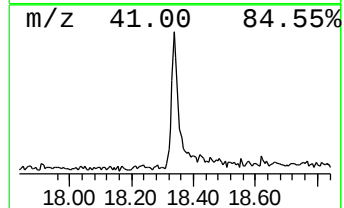
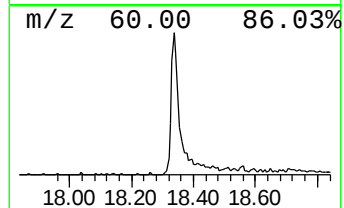
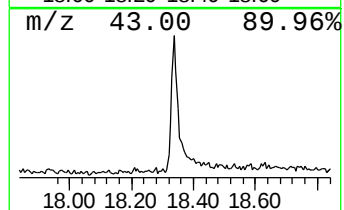
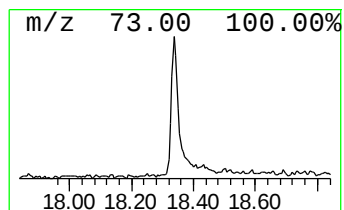
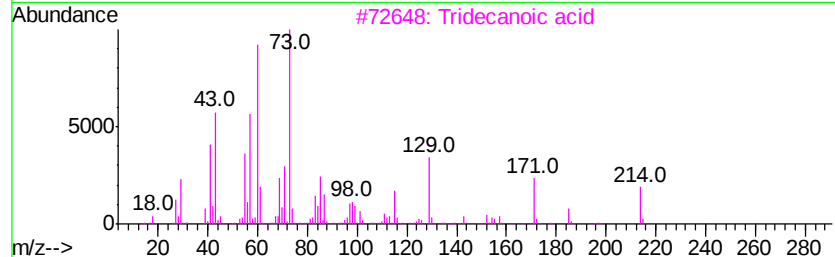
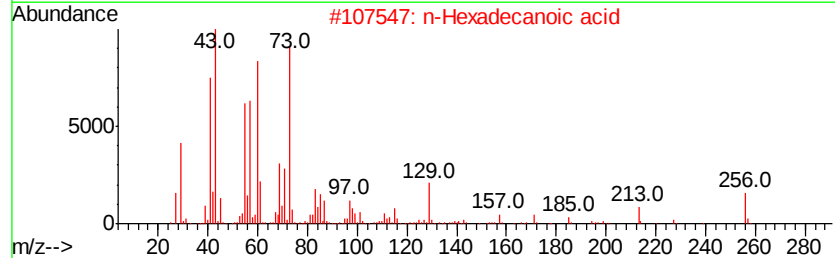
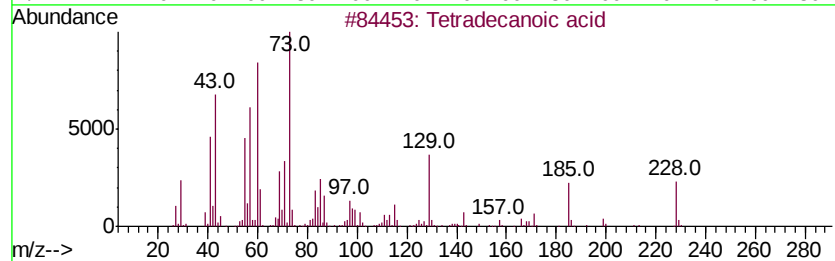
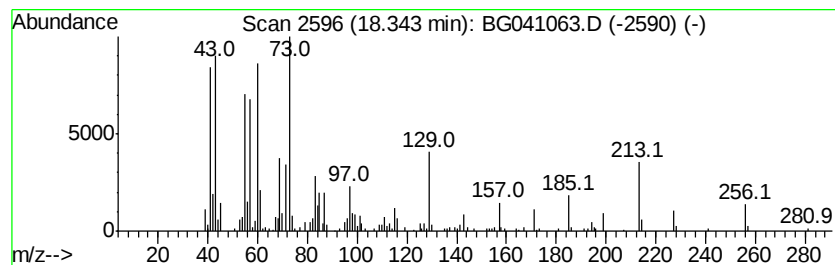
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Peak Number 4 Tetradecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.34	3.81 ng	303232	Phenanthrene-d10	17.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	95
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	81
3	Tridecanoic acid	214	C13H26O2	000638-53-9	64
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	43
5	Nonanoic acid	158	C9H18O2	000112-05-0	38



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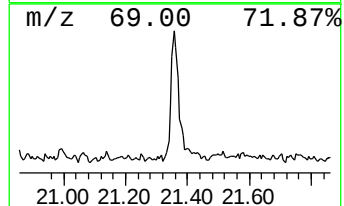
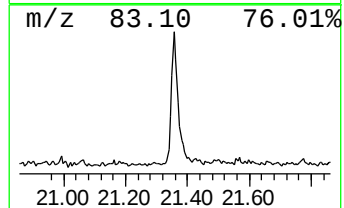
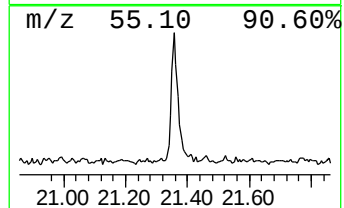
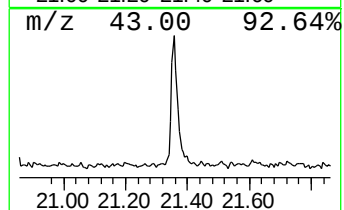
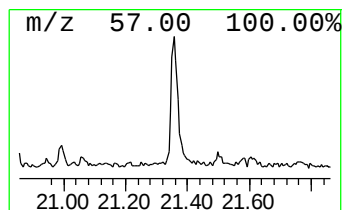
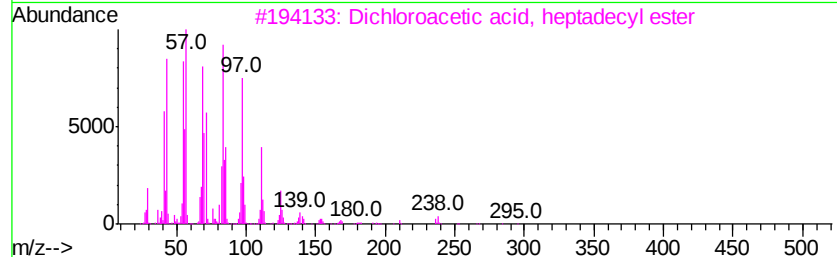
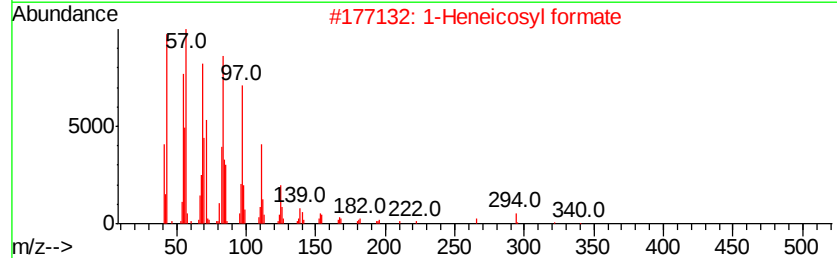
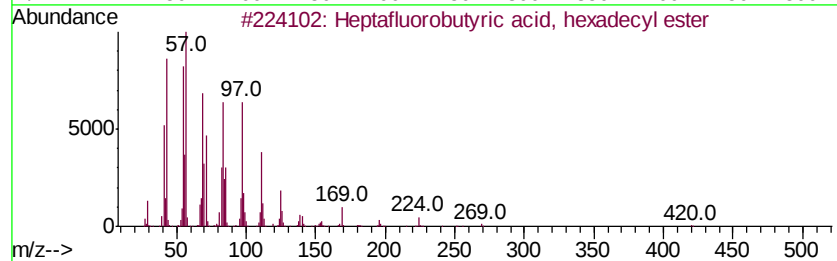
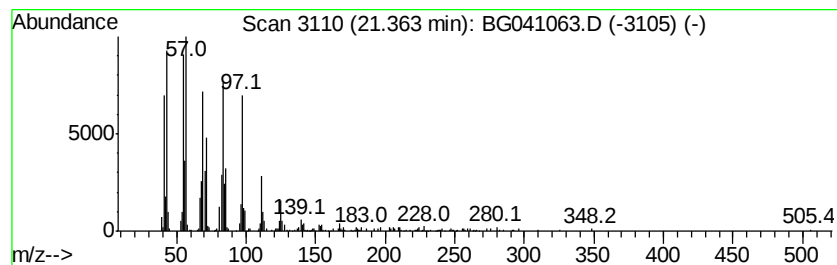
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Peak Number 5 Heptafluorobutyric acid, he... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.36	3.97 ng	363458	Chrysene-d12	21.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	94
2		1-Heneicosyl formate	340	C22H44O2	077899-03-7	91
3		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91
4		Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	91
5		Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	91



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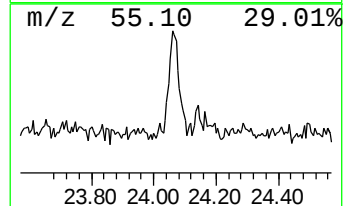
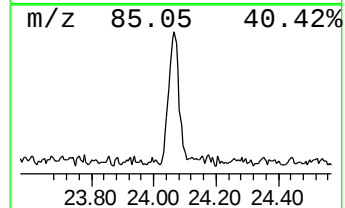
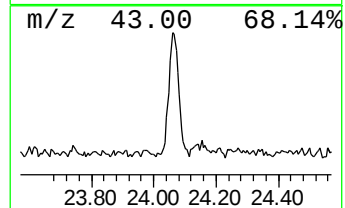
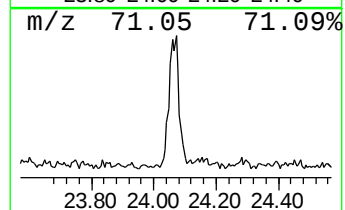
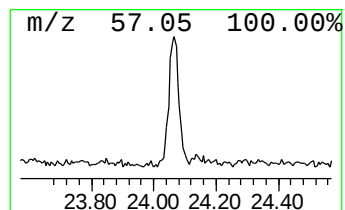
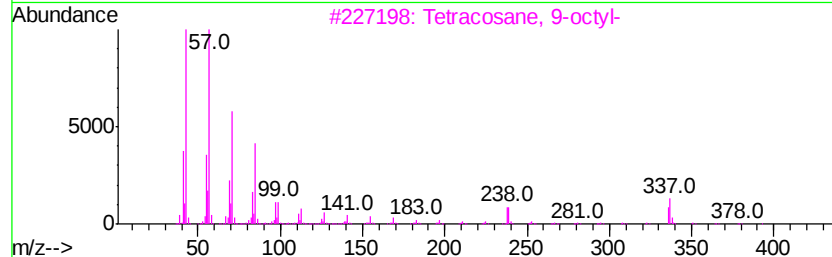
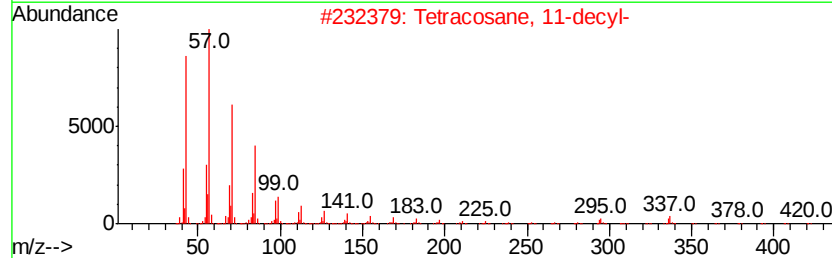
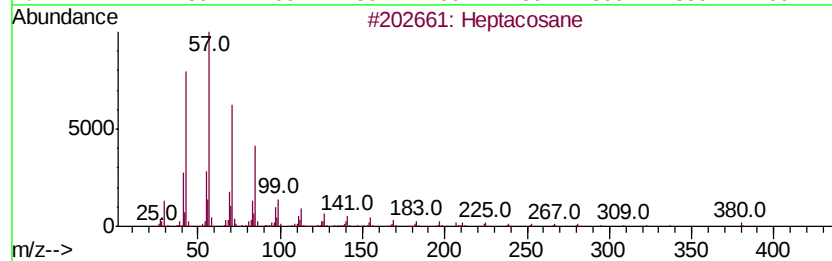
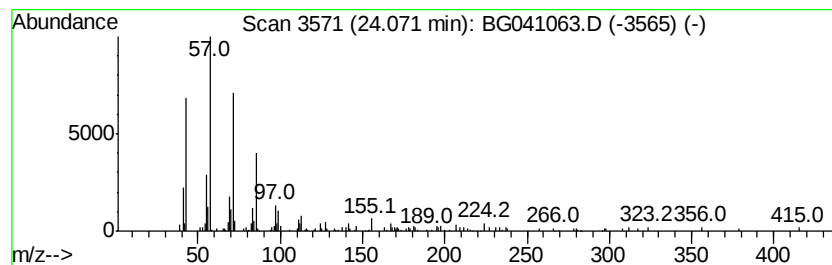
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Peak Number 6 Heptacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.07	2.63 ng	260192	Perylene-d12	25.10

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane		380	C27H56	000593-49-7	90
2	Tetracosane, 11-decyl-		479	C34H70	055429-84-0	90
3	Tetracosane, 9-octyl-		451	C32H66	055401-54-2	90
4	Pentacosane, 13-undecyl-		507	C36H74	055517-89-0	90
5	Hexacosane		366	C26H54	000630-01-3	90



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.20	18.6	ng	557170	1	8.11	600485	20.0
unknown7.64	7.64	54.7	ng	1641620	1	8.11	600485	20.0
Tetradecanoic acid	18.34	3.8	ng	303232	4	17.48	1592450	20.0
Heptafluorobutyri...	21.36	4.0	ng	363458	5	21.77	1828770	20.0
Heptacosane	24.07	2.6	ng	260192	6	25.10	1975880	20.0