

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100119\
 Data File : BG042981.D
 Acq On : 2 Oct 2019 00:07
 Operator : JU
 Sample : K4946-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GP-2 (10-12)

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-BG092519.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	3.180	8	15	24	rBV	113902	231617	5.97%	1.016%
2	3.256	24	28	42	rVB	73061	118832	3.06%	0.522%
3	5.653	429	436	447	rBV	909077	1458054	37.57%	6.399%
4	7.239	697	706	717	rBV	995082	1725691	44.47%	7.574%
5	7.610	760	769	779	rBV	907177	1641144	42.29%	7.202%
6	8.068	840	847	855	rBV	250656	425732	10.97%	1.868%
7	8.391	894	902	912	rBV	672964	1202955	31.00%	5.279%
8	9.231	1035	1045	1053	rBV	548392	1009580	26.02%	4.431%
9	10.876	1314	1325	1333	rBV	305248	577755	14.89%	2.536%
10	13.315	1733	1740	1747	rBV	1574253	2365386	60.95%	10.381%
11	14.137	1872	1880	1892	rBV	300911	450213	11.60%	1.976%
12	14.690	1964	1974	1985	rBV	534244	896899	23.11%	3.936%
13	16.170	2219	2226	2236	rBV	1498927	2335532	60.18%	10.250%
14	17.433	2434	2441	2450	rBV2	706647	1147140	29.56%	5.034%
15	18.321	2586	2592	2601	rBV2	112792	173249	4.46%	0.760%
16	20.042	2879	2885	2891	rBV	2874733	3880676	100.00%	17.031%
17	21.352	3102	3108	3122	rBV2	146252	377254	9.72%	1.656%
18	21.699	3161	3167	3174	rBV	805764	1285856	33.13%	5.643%
19	24.925	3707	3716	3735	rVB2	489092	1482283	38.20%	6.505%

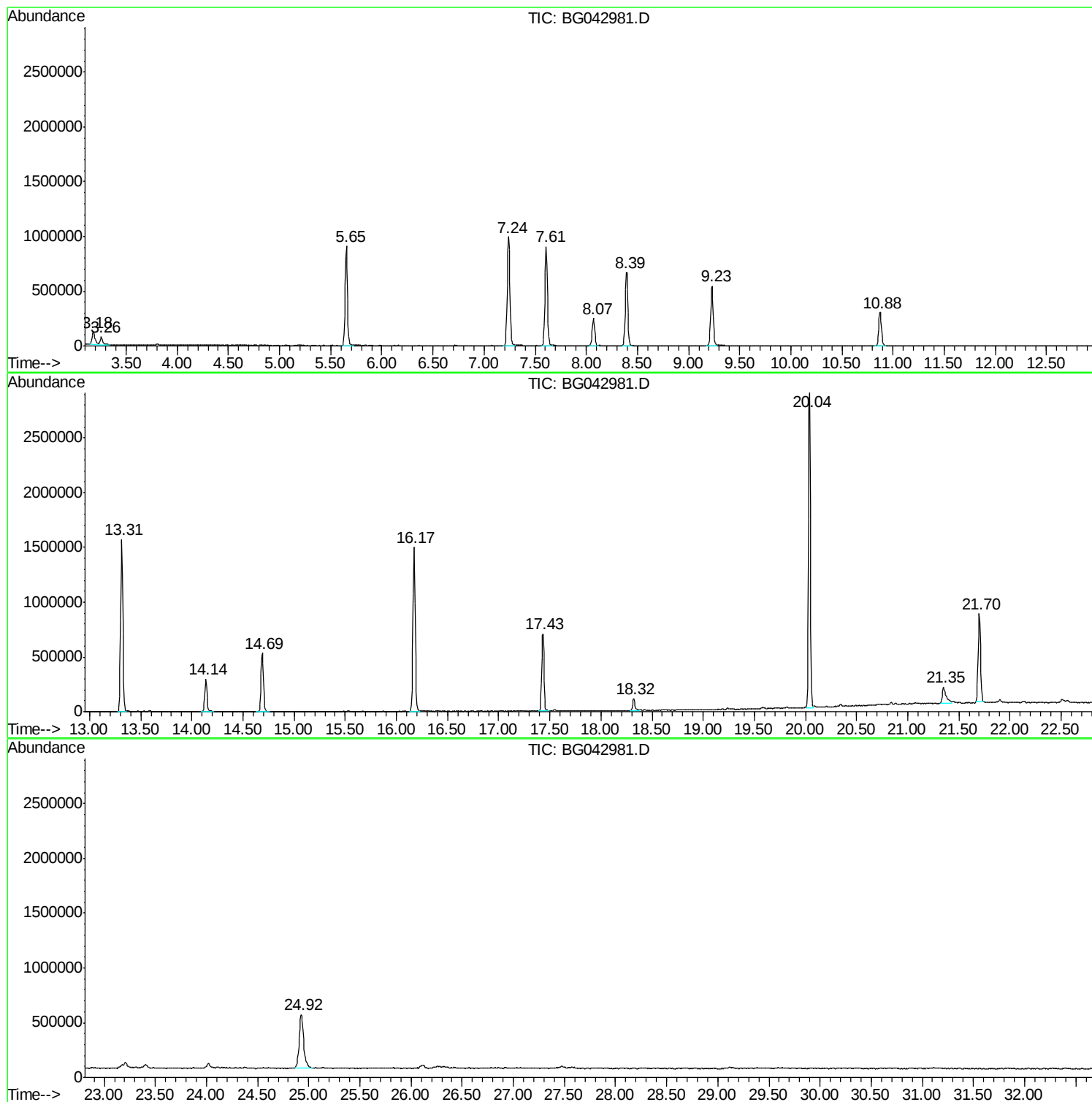
Sum of corrected areas: 22785848

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.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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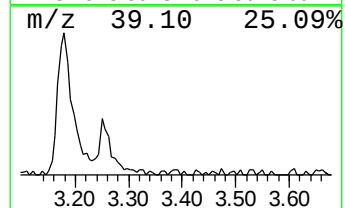
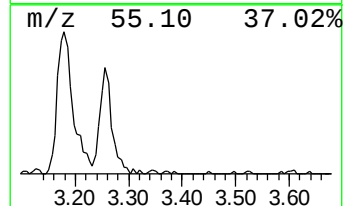
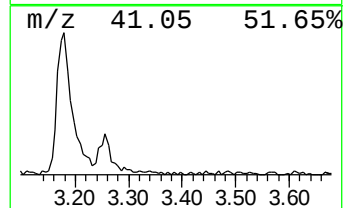
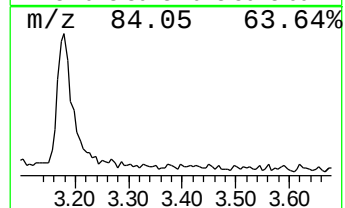
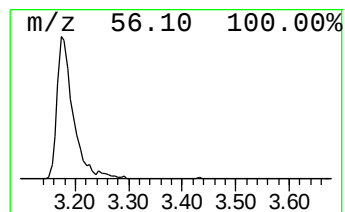
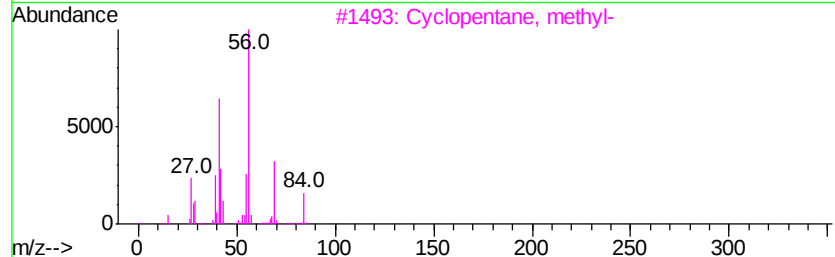
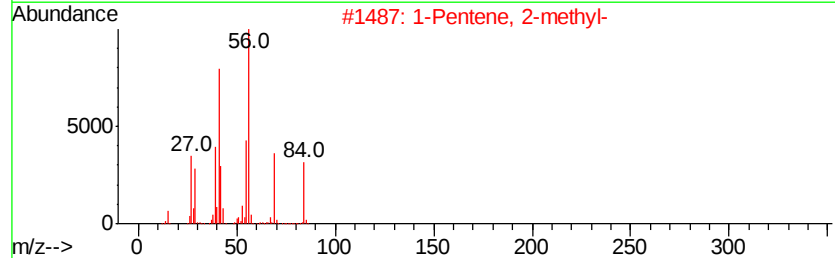
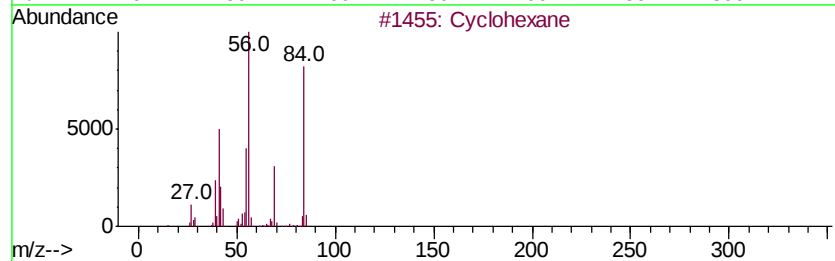
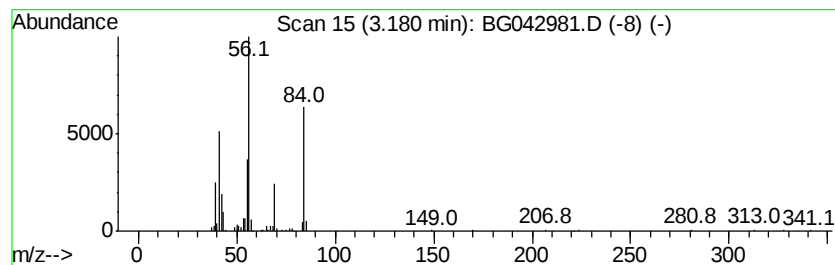
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 1-Pentene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.18	10.88 ng	231617	1,4-Dichlorobenzene-d4	8.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane	84	C6H12	000110-82-7	94
2		1-Pentene, 2-methyl-	84	C6H12	000763-29-1	80
3		Cyclopentane, methyl-	84	C6H12	000096-37-7	72
4		Propane, 2-cyclopropyl-	84	C6H12	003638-35-5	47
5		1-Hexene	84	C6H12	000592-41-6	47



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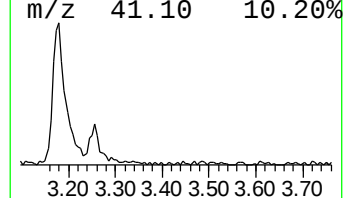
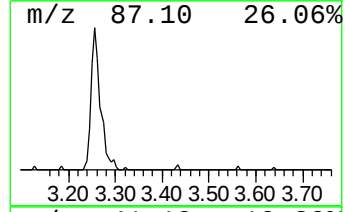
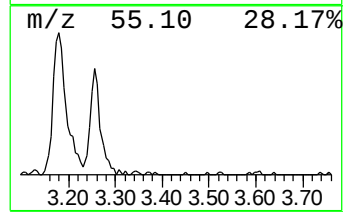
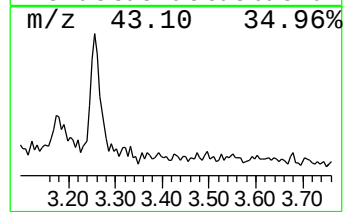
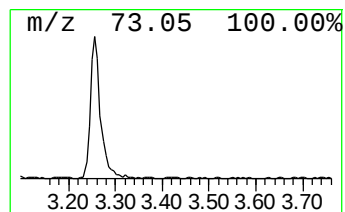
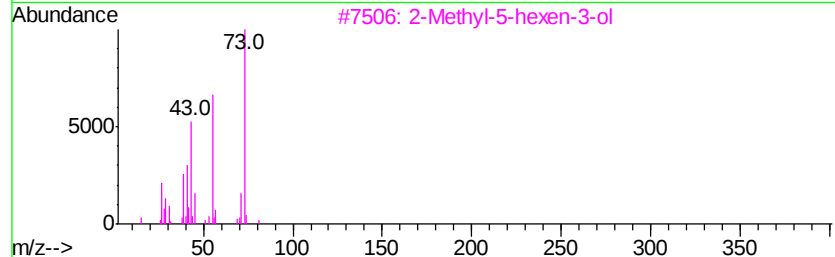
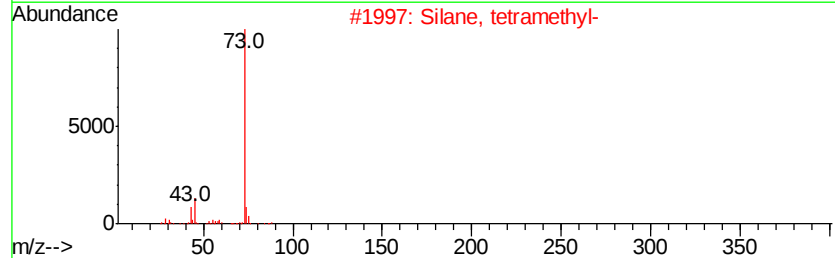
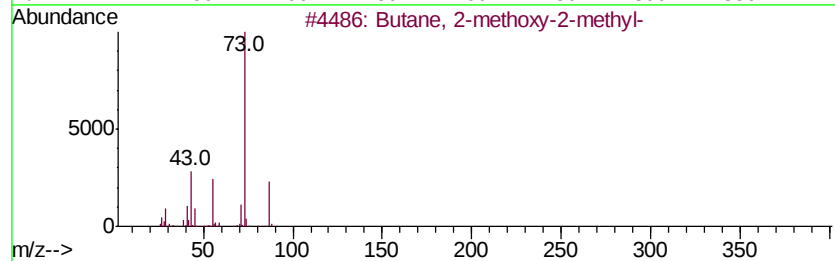
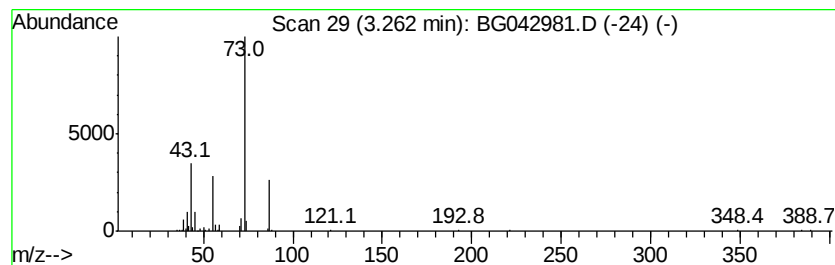
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Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.26	5.58 ng	118832	1,4-Dichlorobenzene-d4	8.07

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2			Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
3			2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	12
4			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	10
5			Myo-Inositol, 2-C-methyl-	194	C7H14O6	000472-96-8	9



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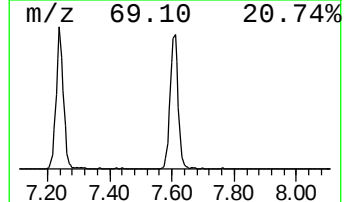
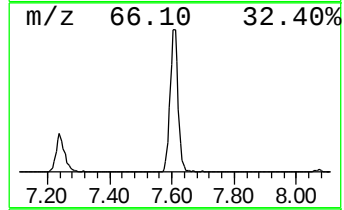
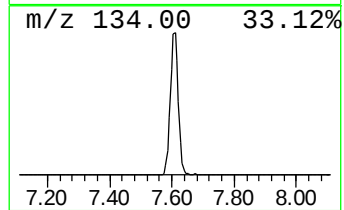
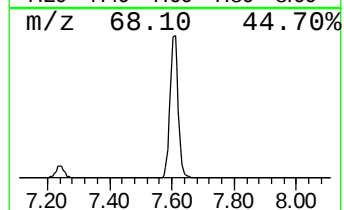
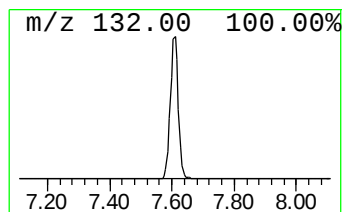
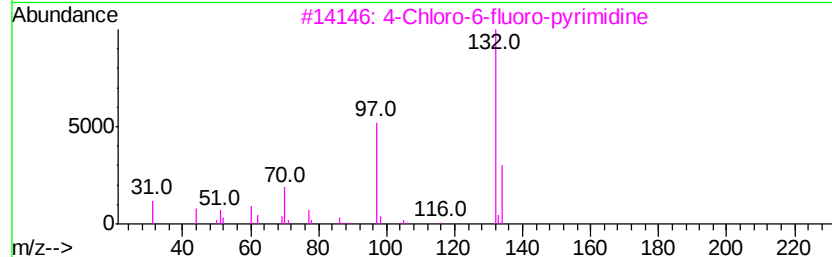
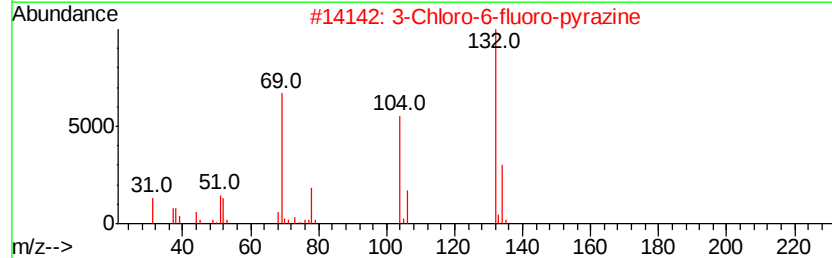
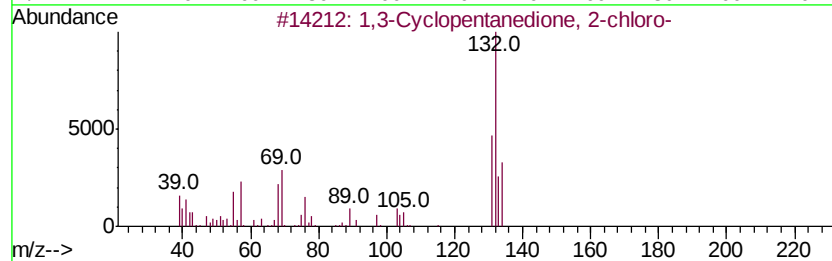
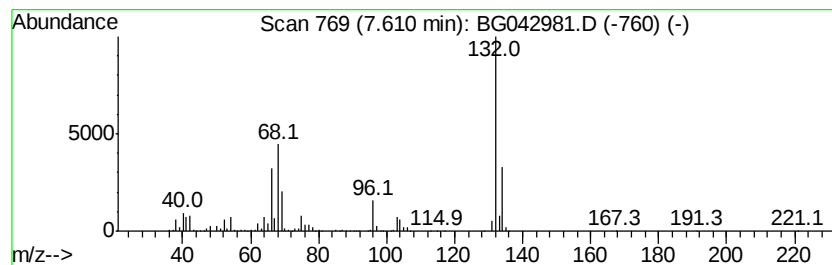
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Peak Number 3 unknown7.61 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.61	77.10 ng	1641140	1,4-Dichlorobenzene-d4	8.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	35
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
4		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5		1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	12



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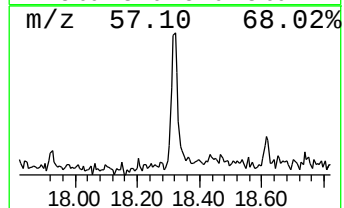
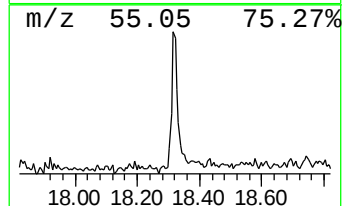
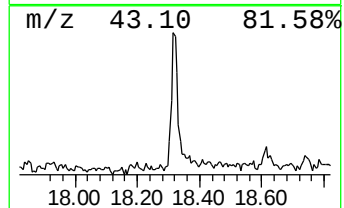
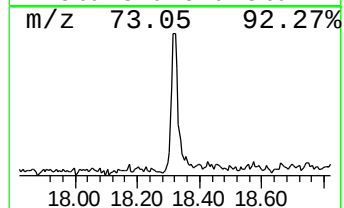
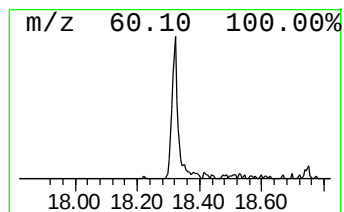
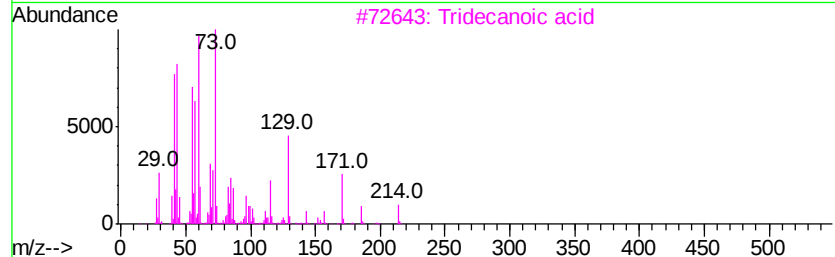
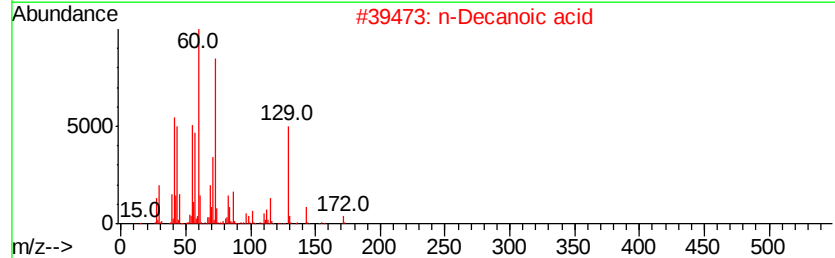
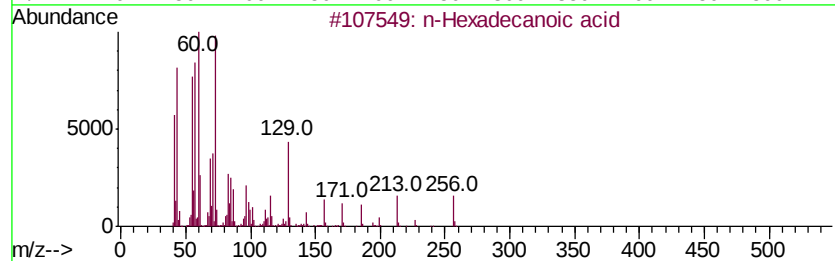
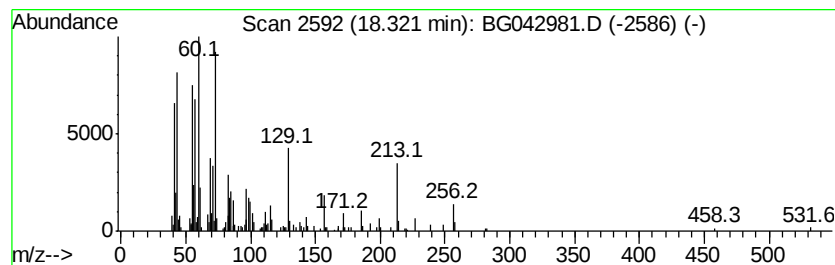
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Peak Number 5 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.32	3.02 ng	173249	Phenanthrene-d10	17.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		n-Decanoic acid	172	C10H20O2	000334-48-5	83
3		Tridecanoic acid	214	C13H26O2	000638-53-9	81
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	74



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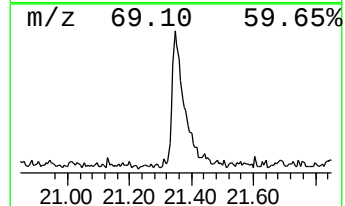
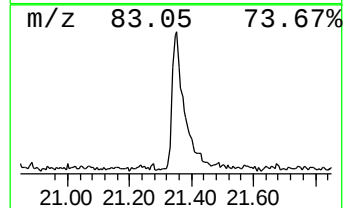
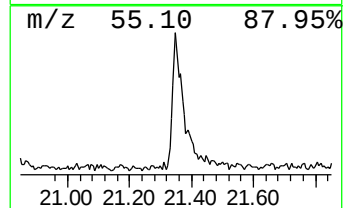
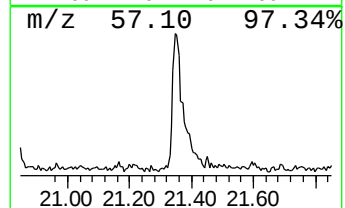
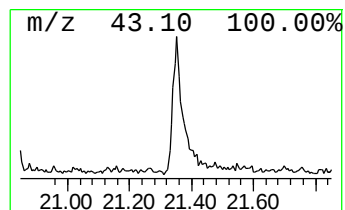
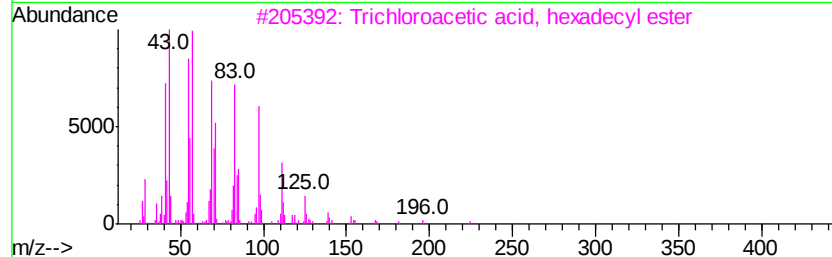
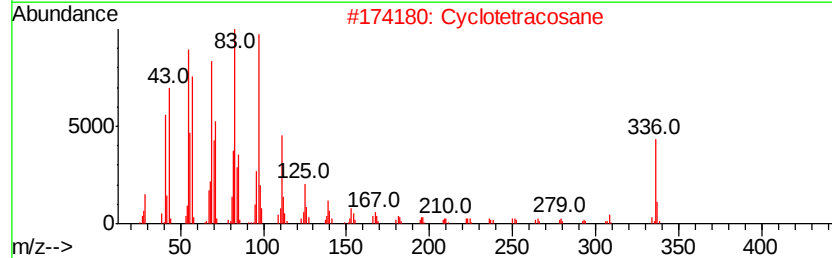
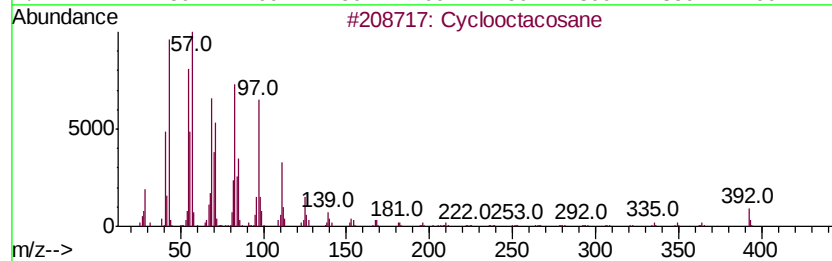
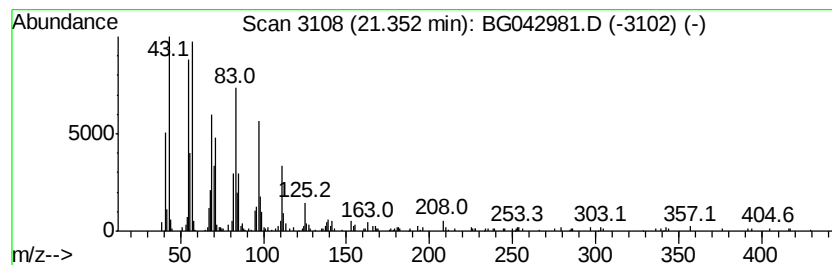
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Peak Number 6 Cyclooctacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.35	5.87 ng	377254	Chrysene-d12	21.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclooctacosane	392	C28H56	000297-24-5	98
2		Cyclotetracosane	336	C24H48	000297-03-0	95
3		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
4		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94
5		n-Heptadecanol-1	256	C17H36O	001454-85-9	93



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
1-Pentene, 2-methyl-	3.18	10.9	ng	231617	1	8.07	425732	20.0
Butane, 2-methoxy...	3.26	5.6	ng	118832	1	8.07	425732	20.0
unknown7.61	7.61	77.1	ng	1641140	1	8.07	425732	20.0
n-Hexadecanoic acid	18.32	3.0	ng	173249	4	17.43	1147140	20.0
Cyclooctacosane	21.35	5.9	ng	377254	5	21.70	1285860	20.0