

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG093019\
 Data File : BG042947.D
 Acq On : 30 Sep 2019 17:39
 Operator : JU
 Sample : K5083-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20190705-RR-COMPOSITE-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-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	3.179	9	15	24	rBV	128090	297062	6.50%	1.185%
2	3.261	24	29	40	rVB	109955	186188	4.07%	0.743%
3	5.659	429	437	450	rBV	1024998	1739734	38.04%	6.940%
4	7.245	696	707	721	rBV	1141684	2067611	45.21%	8.247%
5	7.609	761	769	783	rBV	1100573	1892193	41.38%	7.548%
6	8.073	838	848	855	rBV	232300	416358	9.10%	1.661%
7	8.396	894	903	911	rBV	828739	1434145	31.36%	5.721%
8	9.231	1036	1045	1057	rBV	650386	1191569	26.06%	4.753%
9	10.876	1315	1325	1334	rBV	285560	542249	11.86%	2.163%
10	13.314	1733	1740	1751	rBV	1730734	2713823	59.35%	10.825%
11	14.137	1874	1880	1888	rBV	170154	249853	5.46%	0.997%
12	14.689	1966	1974	1984	rBV	502587	806971	17.65%	3.219%
13	16.176	2220	2227	2238	rBV	1623738	2545879	55.67%	10.155%
14	17.433	2433	2441	2447	rBV2	673068	1042560	22.80%	4.159%
15	18.320	2587	2592	2597	rBV3	73326	104331	2.28%	0.416%
16	20.042	2879	2885	2893	rBV	3368608	4572855	100.00%	18.241%
17	21.352	3104	3108	3121	rBV5	151383	492512	10.77%	1.965%
18	21.699	3160	3167	3181	rVB2	721957	1295660	28.33%	5.168%
19	23.408	3454	3458	3465	rVB4	59841	108068	2.36%	0.431%
20	24.924	3706	3716	3733	rVB2	441984	1370038	29.96%	5.465%

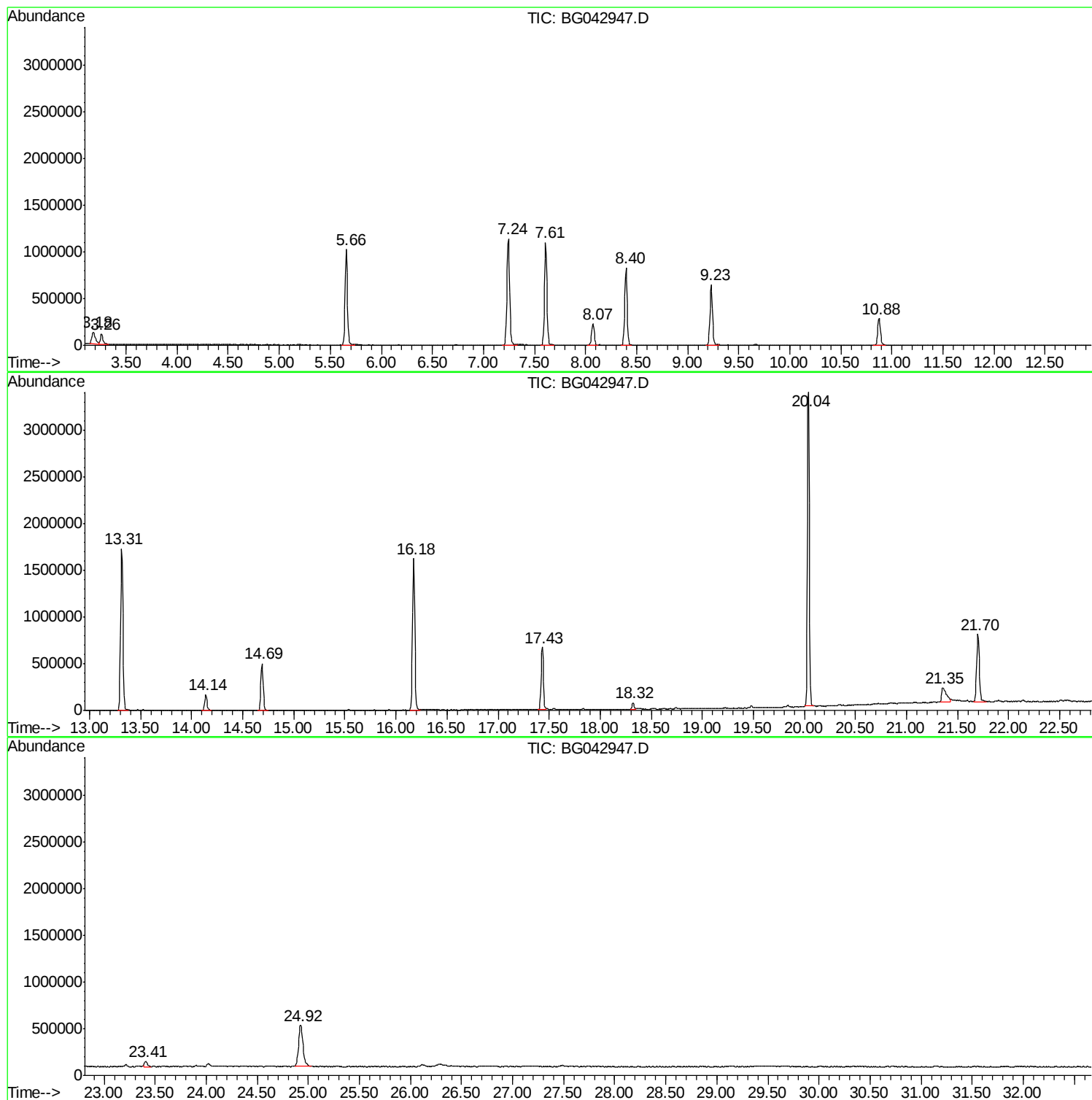
Sum of corrected areas: 25069659

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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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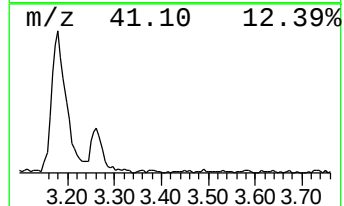
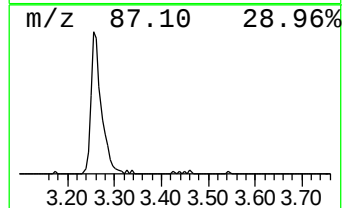
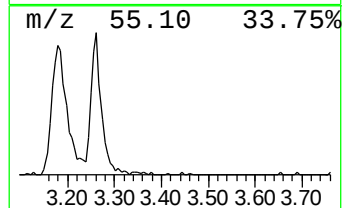
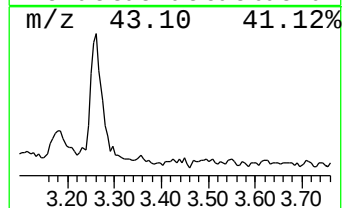
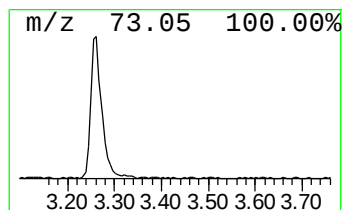
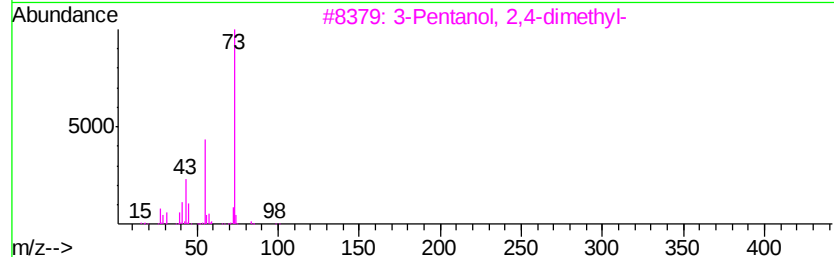
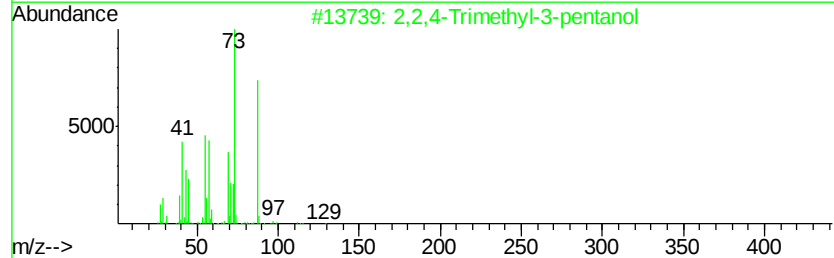
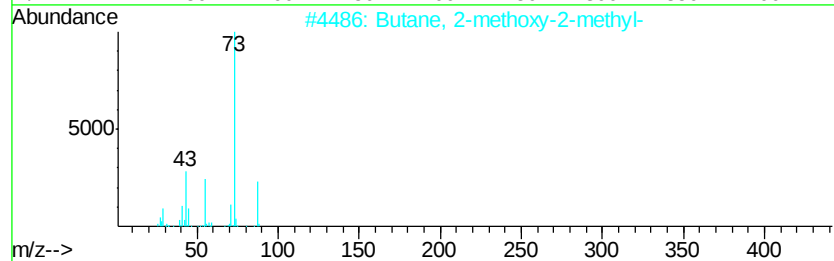
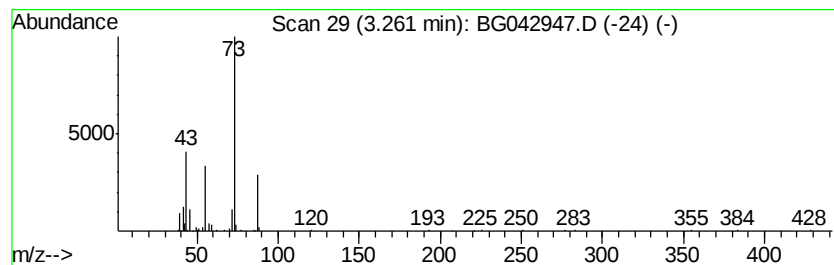
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.26	8.94 ng	186188	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	50
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3			3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	12
4			N-Ethylformamide	73	C3H7NO	000627-45-2	9
5			Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9



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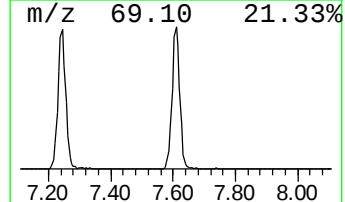
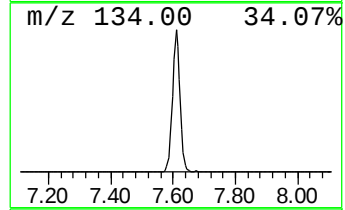
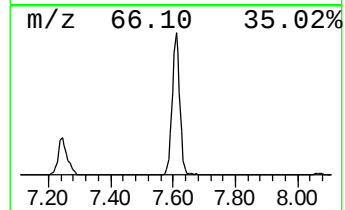
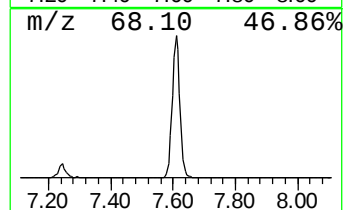
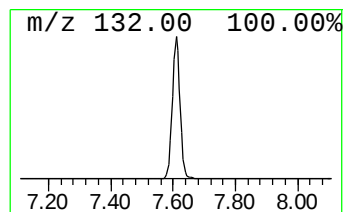
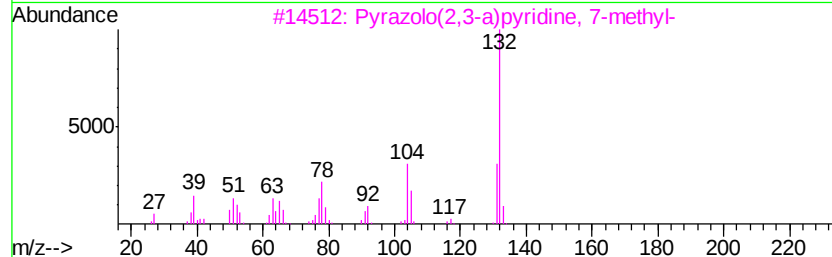
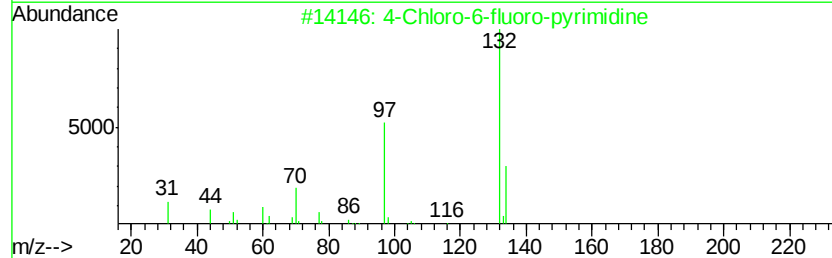
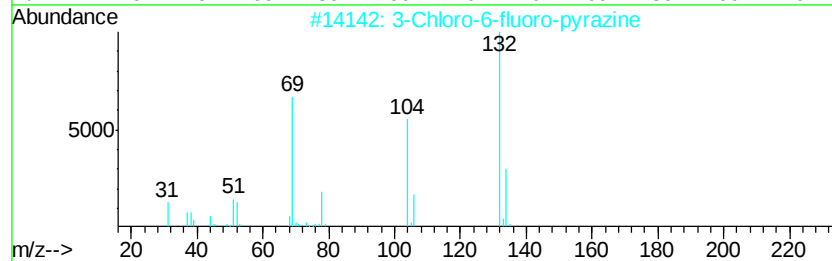
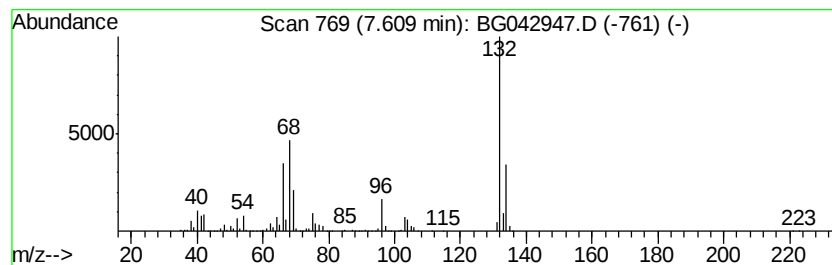
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Peak Number 3 unknown7.61 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.61	90.89 ng	1892190	1,4-Dichlorobenzene-d4	8.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3		Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	22
4		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5		Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	22



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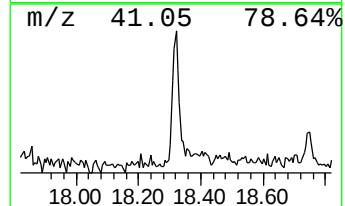
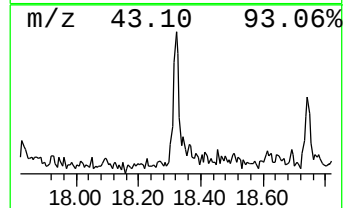
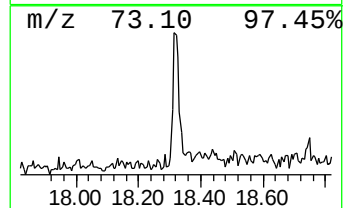
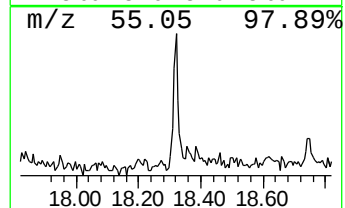
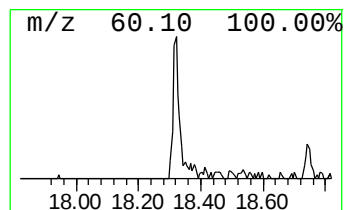
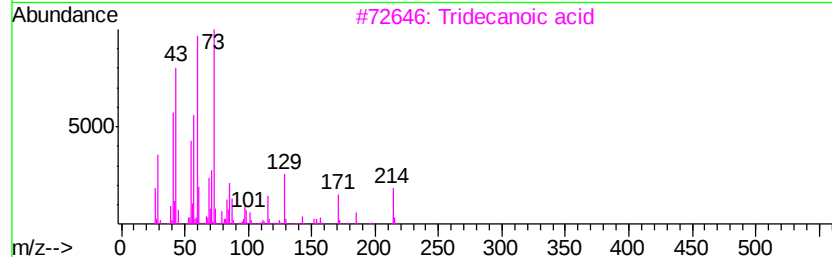
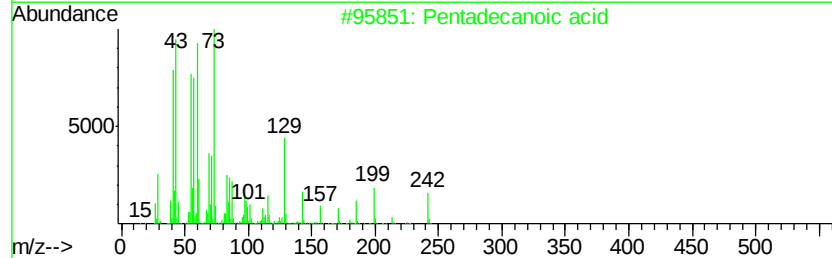
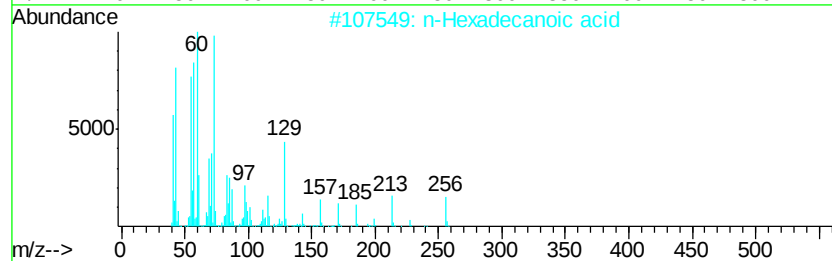
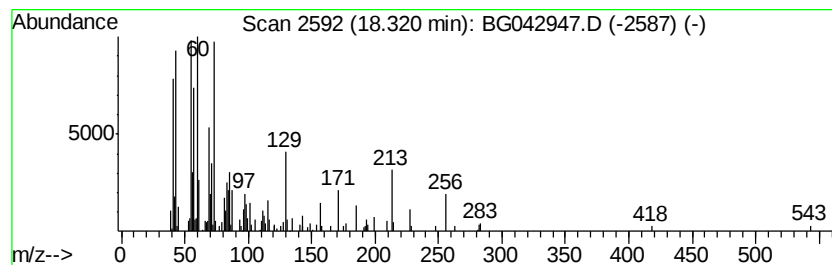
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Peak Number 5 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.32	2.00 ng	104331	Phenanthrene-d10	17.43	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	70
3	Tridecanoic acid	214	C13H26O2	000638-53-9	64
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	Octadecanoic acid	284	C18H36O2	000057-11-4	62



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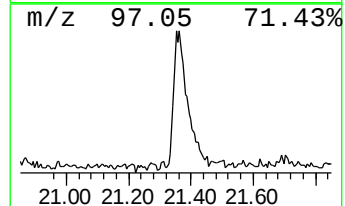
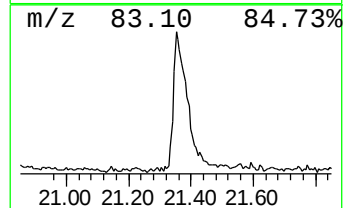
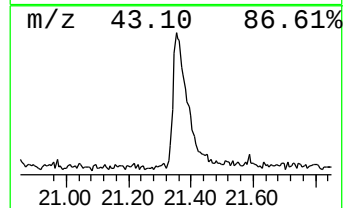
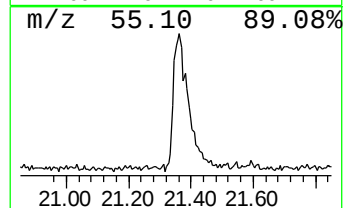
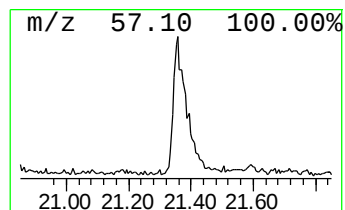
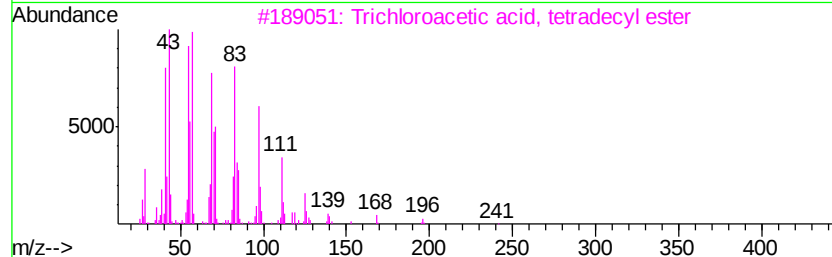
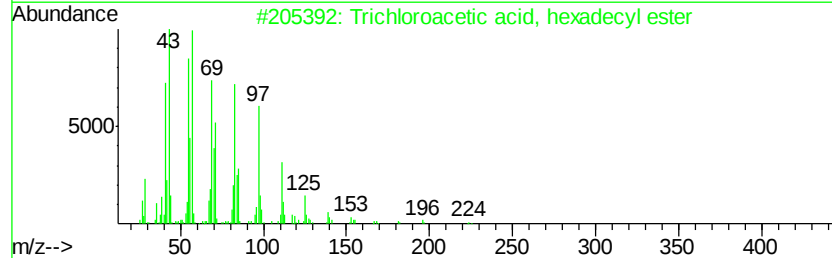
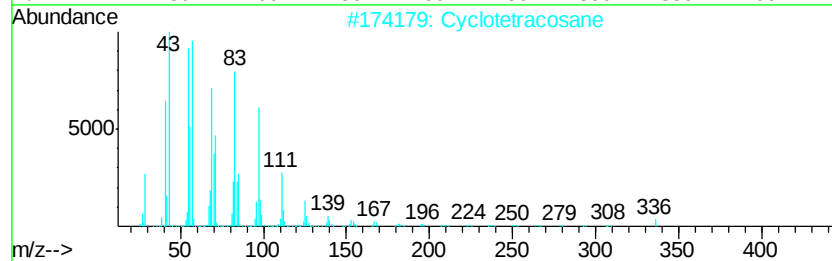
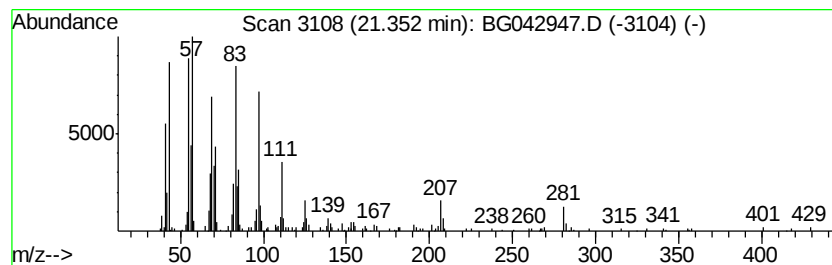
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Peak Number 6 Cyclotetracosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.35	7.60 ng	492512	Chrysene-d12	21.70

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclotetracosane	336	C24H48	000297-03-0	94
2		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
3		Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	91
4		10-Heneicosene (c,t)	294	C21H42	095008-11-0	87
5		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	81



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.26	8.9	ng	186188	1	8.07	416358	20.0
unknown7.61	7.61	90.9	ng	1892190	1	8.07	416358	20.0
n-Hexadecanoic acid	18.32	2.0	ng	104331	4	17.43	1042560	20.0
Cyclotetracosane	21.35	7.6	ng	492512	5	21.70	1295660	20.0