

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100119\
 Data File : BG042973.D
 Acq On : 1 Oct 2019 19:00
 Operator : JU
 Sample : K4946-11
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GP-5 (10-12)

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	3.176	9	15	25	rBV	100060	221243	3.98%	0.790%
2	3.258	25	29	38	rVB	90146	148172	2.66%	0.529%
3	5.656	429	437	449	rBV	1102980	1860906	33.45%	6.647%
4	7.242	696	707	721	rBV	1246355	2205365	39.64%	7.877%
5	7.606	761	769	780	rBV	1192780	2069246	37.19%	7.391%
6	8.070	841	848	856	rBV	220392	378940	6.81%	1.353%
7	8.394	894	903	913	rBV	900191	1573282	28.28%	5.619%
8	9.228	1037	1045	1053	rBV	717234	1323651	23.79%	4.728%
9	10.873	1318	1325	1334	rBV	275368	498601	8.96%	1.781%
10	13.311	1733	1740	1752	rBV	1966058	3103509	55.78%	11.085%
11	14.140	1874	1881	1886	rBV	317482	468043	8.41%	1.672%
12	14.686	1965	1974	1982	rBV	472578	767089	13.79%	2.740%
13	16.173	2220	2227	2240	rBV	1995288	3066713	55.12%	10.954%
14	17.430	2434	2441	2450	rBV2	672275	1041617	18.72%	3.720%
15	18.317	2588	2592	2602	rBV	140755	206972	3.72%	0.739%
16	20.039	2879	2885	2894	rBV	4116786	5563426	100.00%	19.871%
17	21.349	3103	3108	3128	rBV3	216062	573365	10.31%	2.048%
18	21.702	3161	3168	3181	rBV	786720	1345764	24.19%	4.807%
19	23.212	3420	3425	3431	rVB5	42466	81996	1.47%	0.293%
20	24.016	3559	3562	3573	rVB2	46900	92221	1.66%	0.329%
21	24.927	3707	3717	3732	rVB2	461592	1407195	25.29%	5.026%

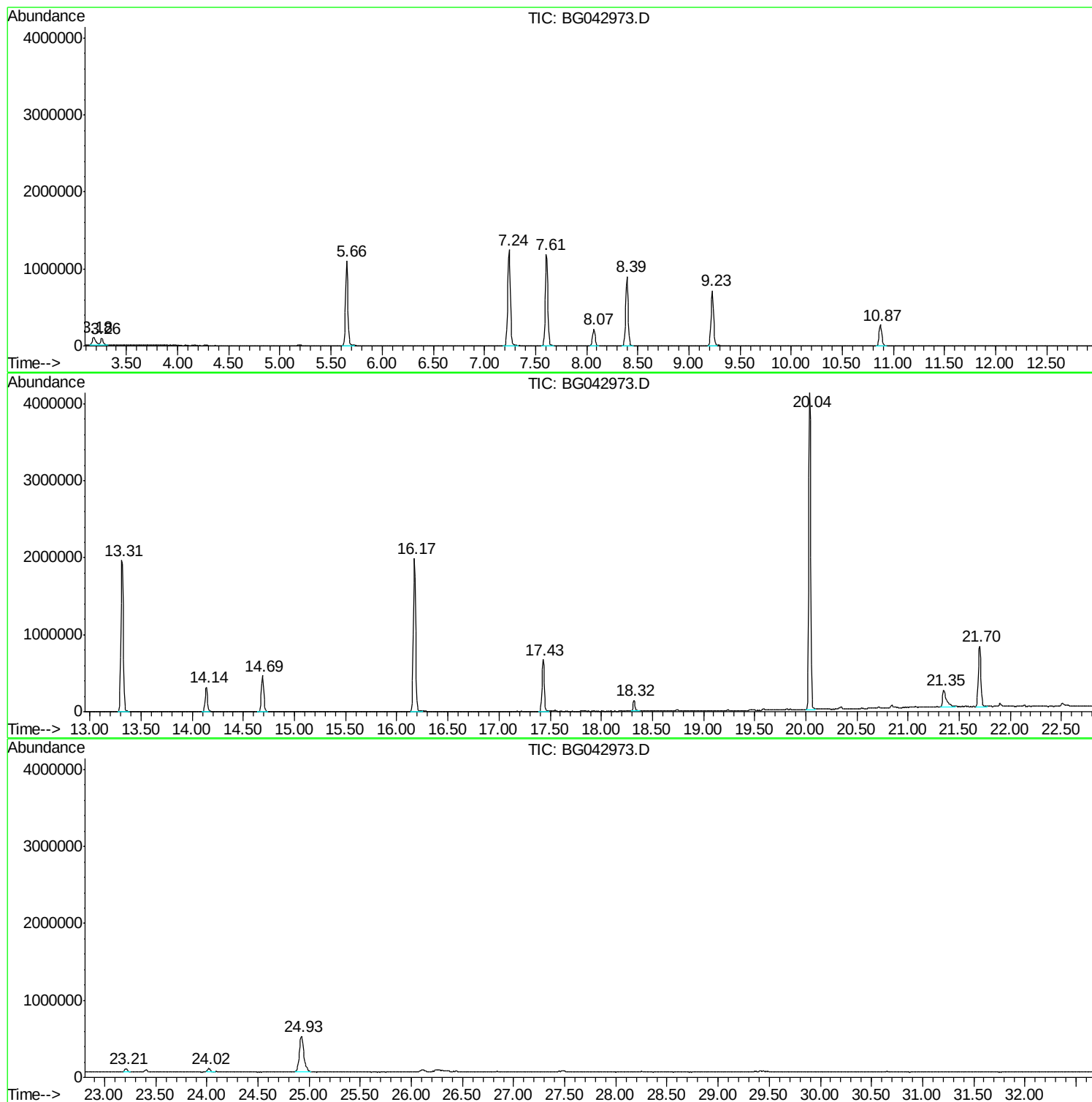
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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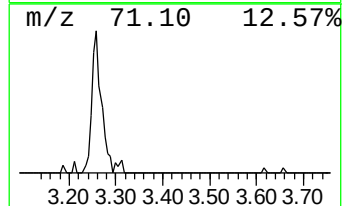
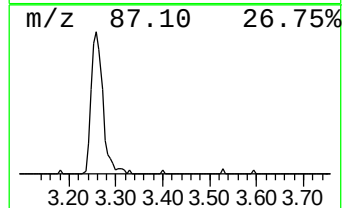
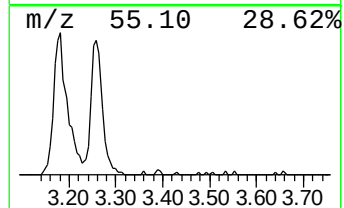
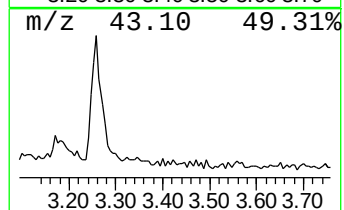
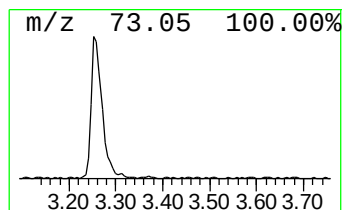
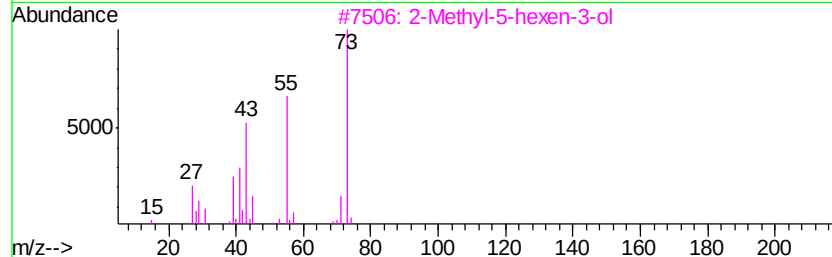
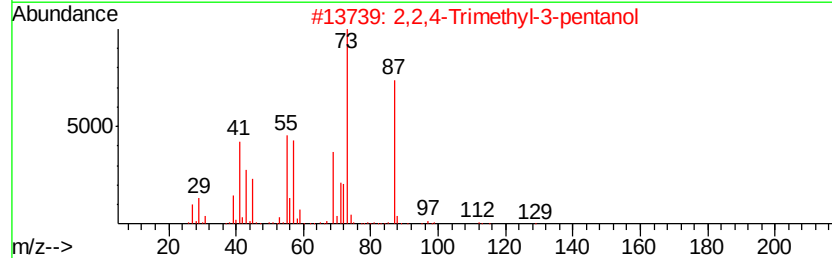
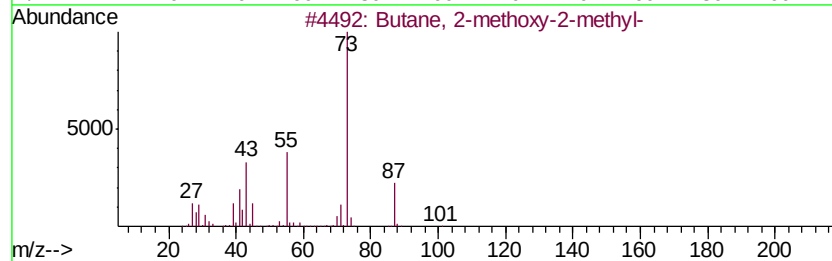
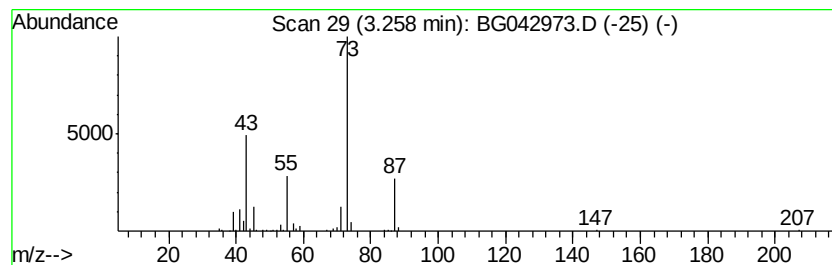
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.26	7.82 ng	148172	1,4-Dichlorobenzene-d4	8.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3		2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	38
4		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5		Thiocyanic acid, ethyl ester	87	C3H5NS	000542-90-5	9



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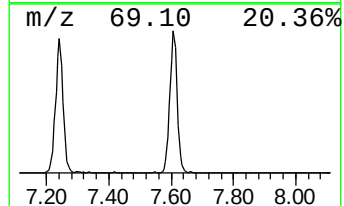
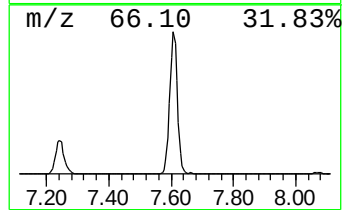
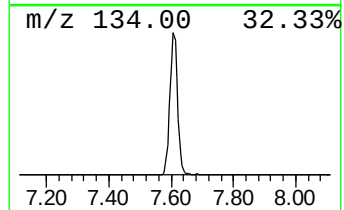
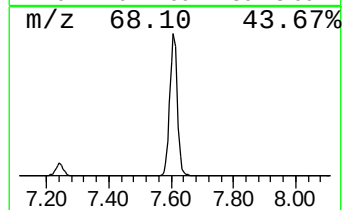
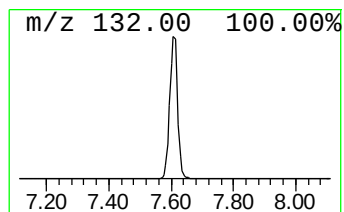
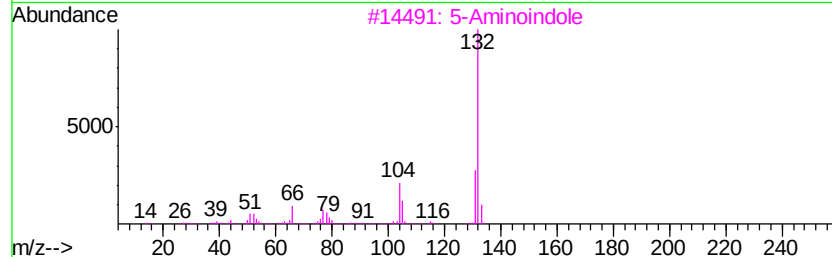
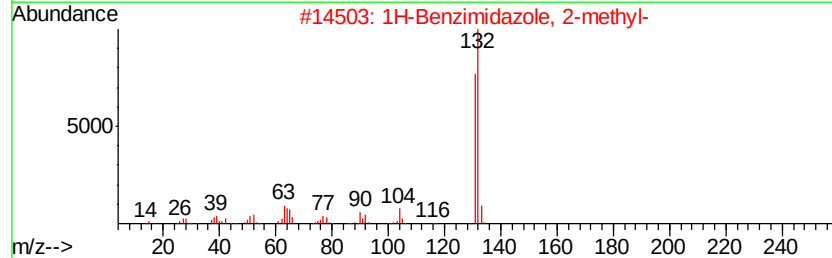
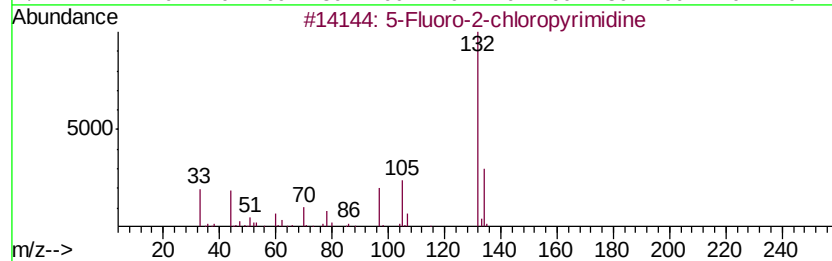
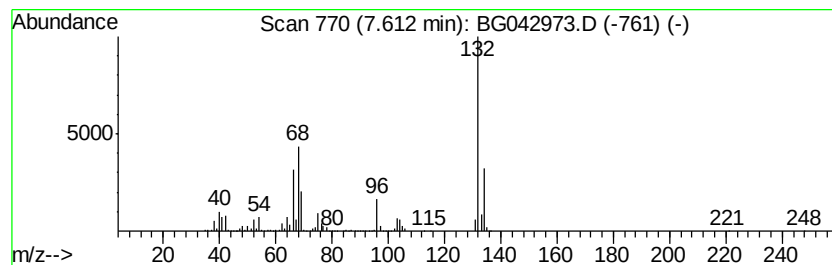
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
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Peak Number 3 unknown7.61 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.61	109.21 ng	2069250	1,4-Dichlorobenzene-d4	8.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	27
2		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3		5-Aminoindole	132	C8H8N2	005192-03-0	22
4		1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	17
5		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16



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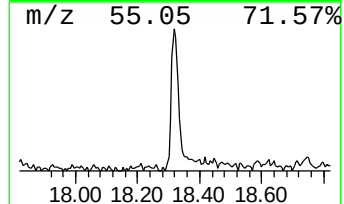
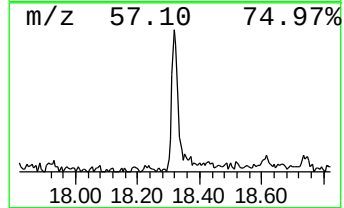
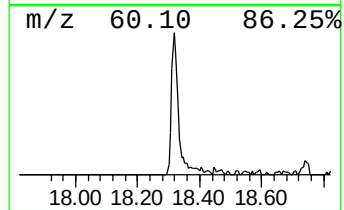
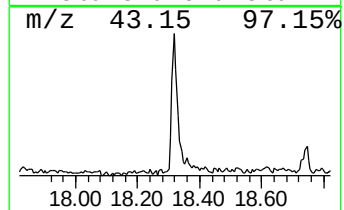
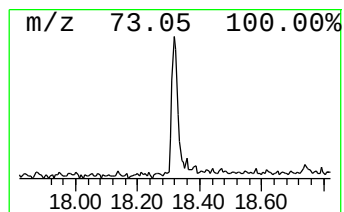
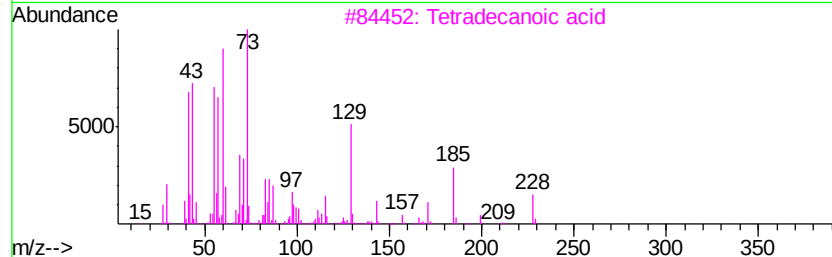
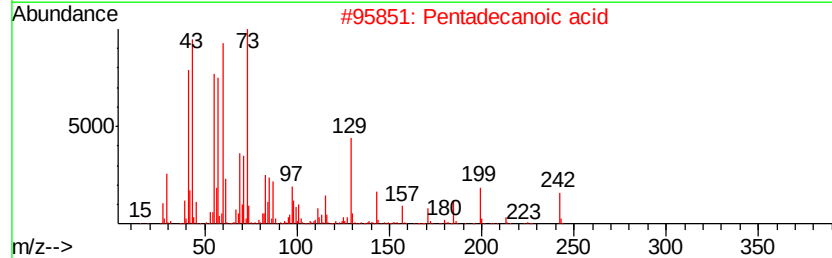
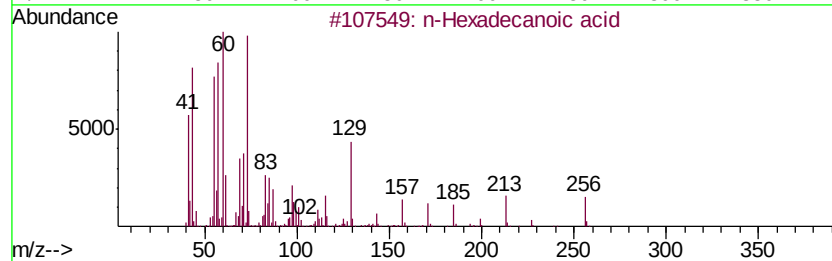
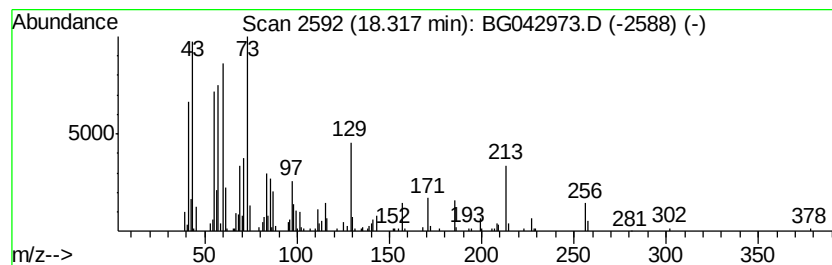
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Peak Number 5 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.32	3.97 ng	206972	Phenanthrene-d10	17.43

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	81
4		Tridecanoic acid	214	C13H26O2	000638-53-9	76
5		n-Decanoic acid	172	C10H20O2	000334-48-5	70



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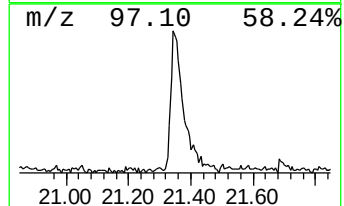
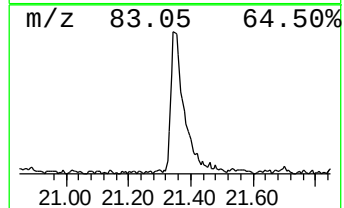
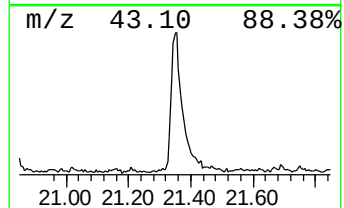
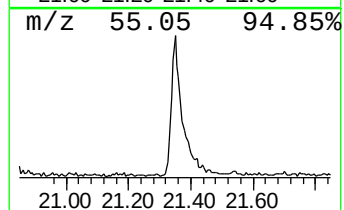
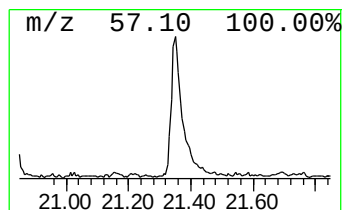
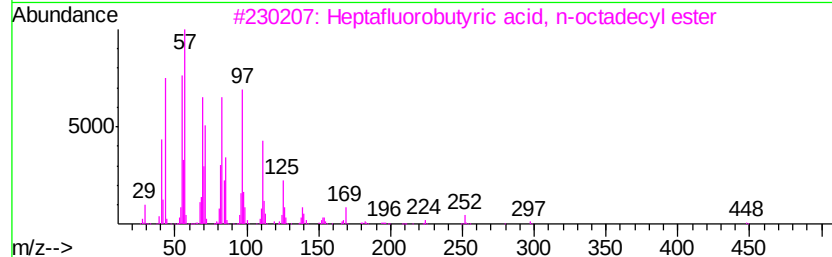
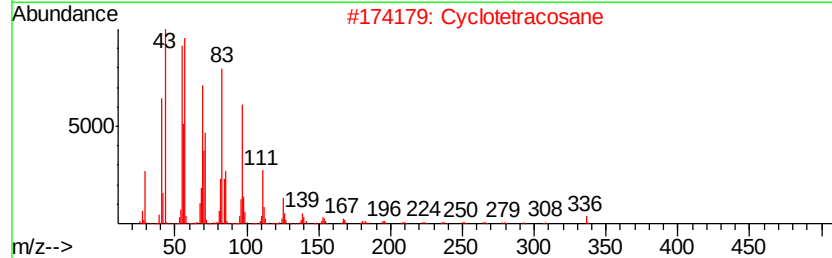
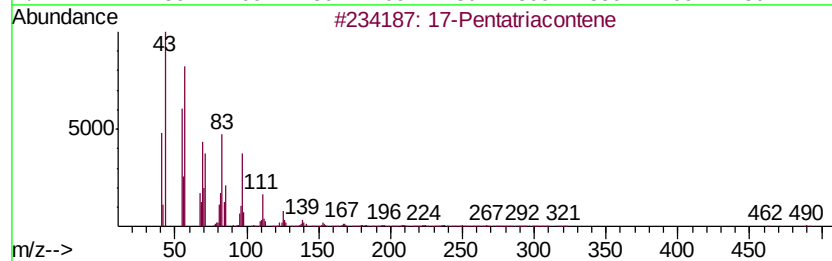
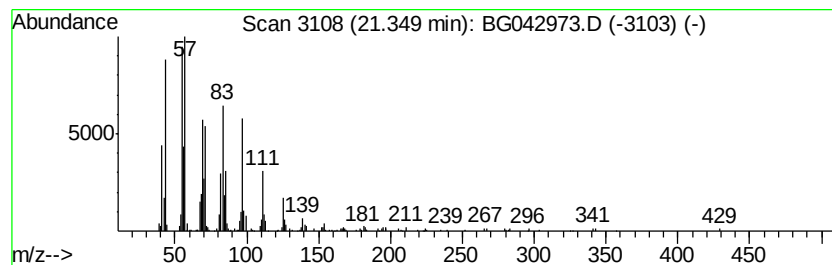
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Peak Number 6 17-Pentatriacontene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.35	8.52 ng	573365	Chrysene-d12	21.70

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		17-Pentatriacontene	491	C35H70	006971-40-0	91
2		Cyclotetracosane	336	C24H48	000297-03-0	90
3		Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	90
4		Carbonic acid, heptadecyl isobut...	356	C22H44O3	1000314-61-4	87
5		Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	87



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.26	7.8	ng	148172	1	8.07	378940	20.0
unknown7.61	7.61	109.2	ng	2069250	1	8.07	378940	20.0
n-Hexadecanoic acid	18.32	4.0	ng	206972	4	17.43	1041620	20.0
17-Pentatriacontene	21.35	8.5	ng	573365	5	21.70	1345760	20.0