

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062618\
 Data File : BG035436.D
 Acq On : 27 Jun 2018 8:32
 Operator : JU/SJ
 Sample : J3629-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A0C2-02

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-BG060718.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	5.164	313	319	330	rBV	109623	170027	3.20%	0.635%
2	5.628	390	398	410	rBV	1239848	1996144	37.57%	7.457%
3	7.215	657	668	678	rBV	1313832	2307004	43.43%	8.618%
4	7.585	724	731	740	rBV	1226079	2102643	39.58%	7.855%
5	8.049	804	810	818	rBV	189859	330199	6.22%	1.234%
6	8.372	856	865	873	rBV	897758	1582311	29.78%	5.911%
7	9.212	999	1008	1018	rBV	778079	1376485	25.91%	5.142%
8	10.851	1280	1287	1295	rBV	240956	437821	8.24%	1.636%
9	13.295	1695	1703	1712	rBV	2147978	3407619	64.14%	12.730%
10	14.117	1834	1843	1853	rBV	157024	244759	4.61%	0.914%
11	14.669	1930	1937	1945	rBV2	407274	683924	12.87%	2.555%
12	16.155	2183	2190	2202	rBV	1932404	2975264	56.00%	11.115%
13	17.413	2398	2404	2412	rBV	587255	916566	17.25%	3.424%
14	18.300	2550	2555	2565	rBV	228348	343372	6.46%	1.283%
15	19.563	2765	2770	2782	rBV2	123715	185120	3.48%	0.692%
16	20.021	2842	2848	2861	rBV	3890027	5312596	100.00%	19.846%
17	21.319	3064	3069	3078	rBV3	141722	289236	5.44%	1.080%
18	21.677	3122	3130	3137	rBV	636503	1045174	19.67%	3.904%
19	22.529	3269	3275	3280	rBV9	30074	62825	1.18%	0.235%
20	24.897	3667	3678	3692	rBV2	338214	999770	18.82%	3.735%

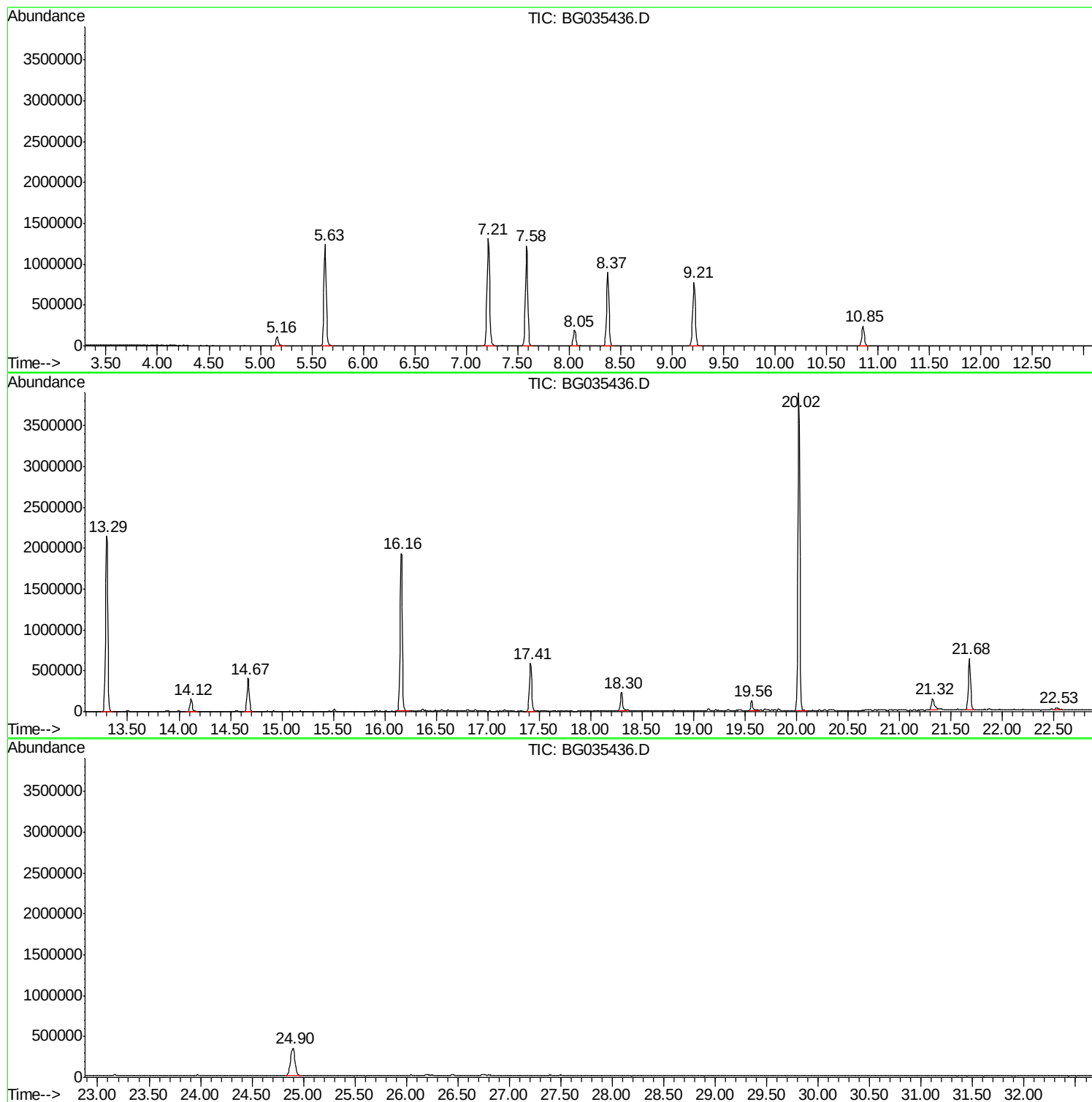
Sum of corrected areas: 26768859

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.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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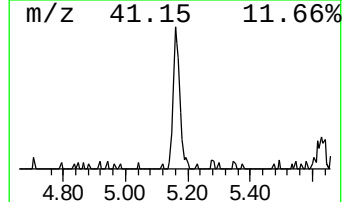
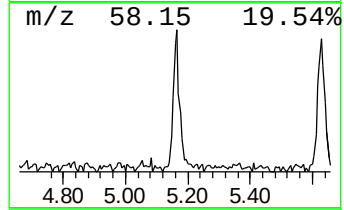
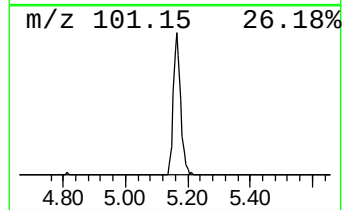
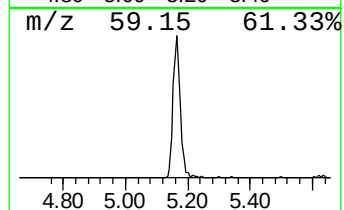
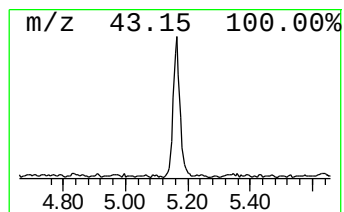
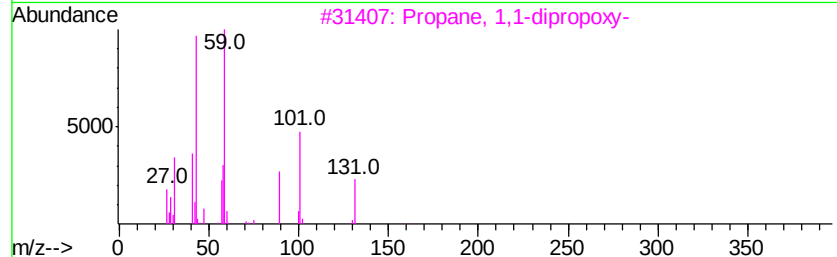
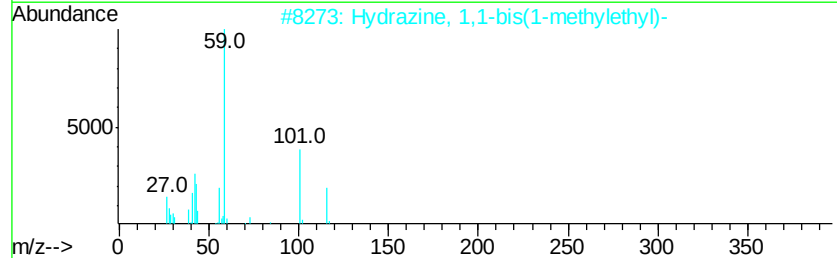
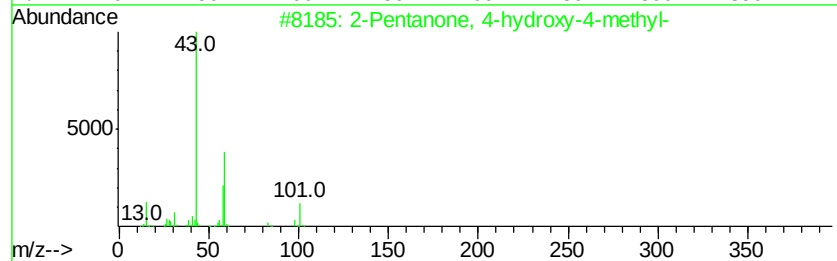
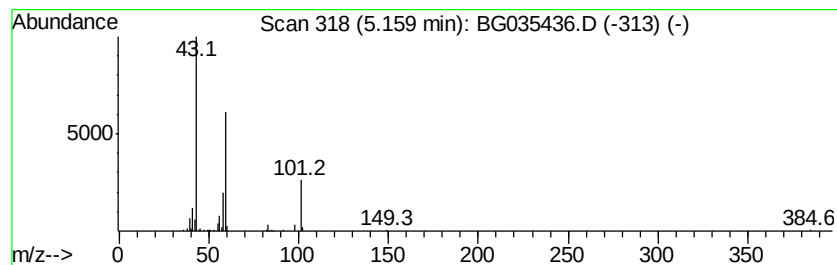
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
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TIC Library : C:\Database\NIST11.L
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Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.16	10.30 ng	170027	1,4-Dichlorobenzene-d4	8.05

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2			Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	43
3			Propane, 1,1-dipropoxy-	160	C9H20O2	004744-11-0	38
4			Acetone	58	C3H6O	000067-64-1	14
5			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	10



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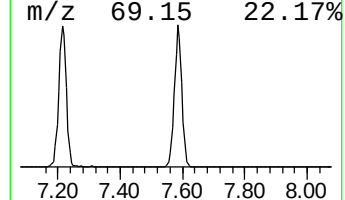
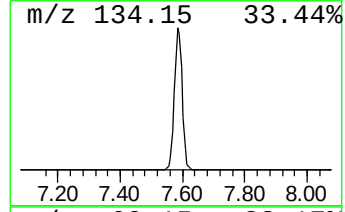
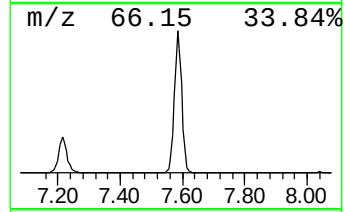
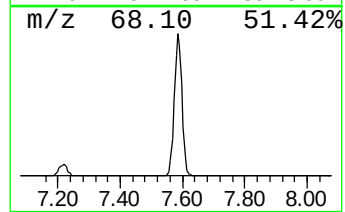
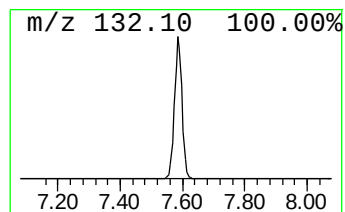
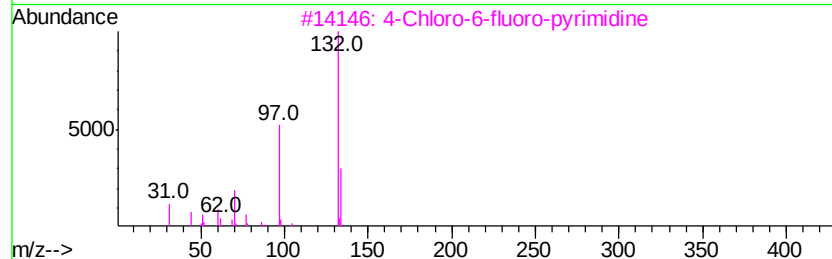
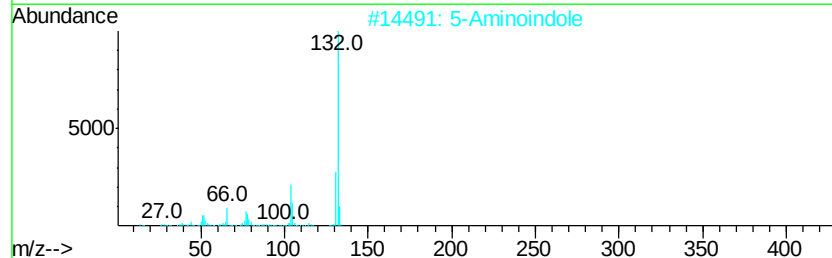
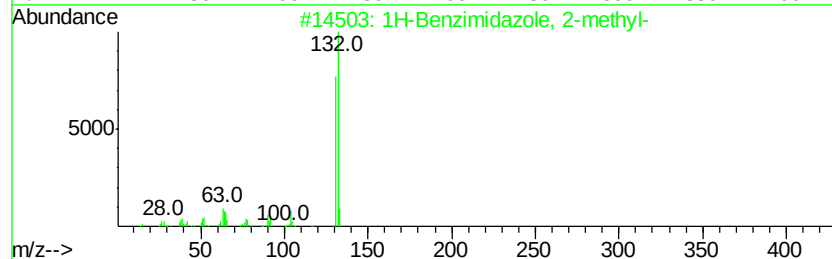
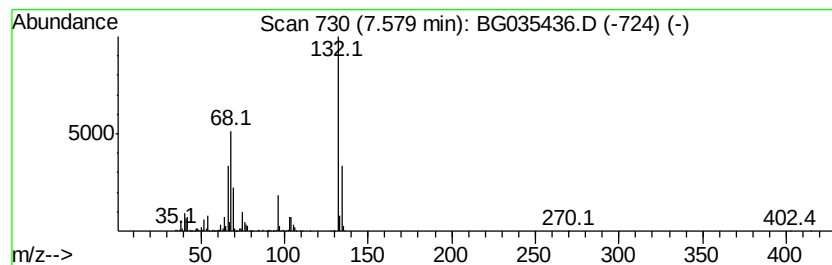
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Peak Number 2 unknown7.58 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.58	127.36 ng	2102640	1,4-Dichlorobenzene-d4	8.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
2		5-Aminoindole	132	C8H8N2	005192-03-0	22
3		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	16
4		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12



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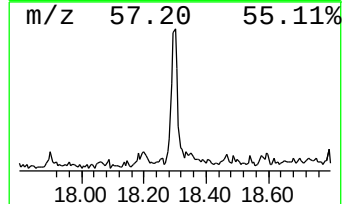
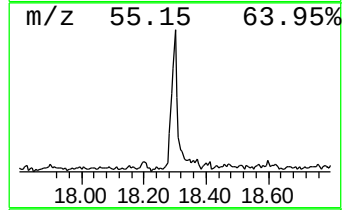
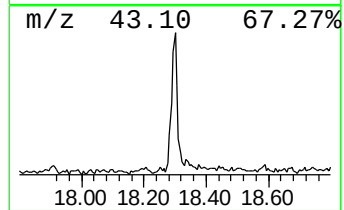
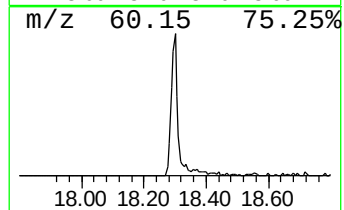
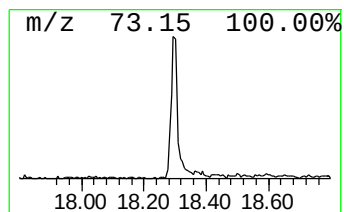
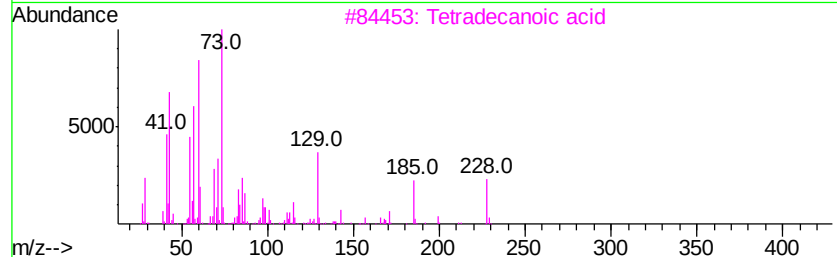
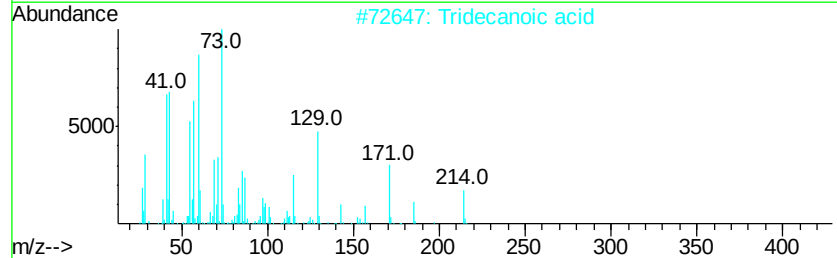
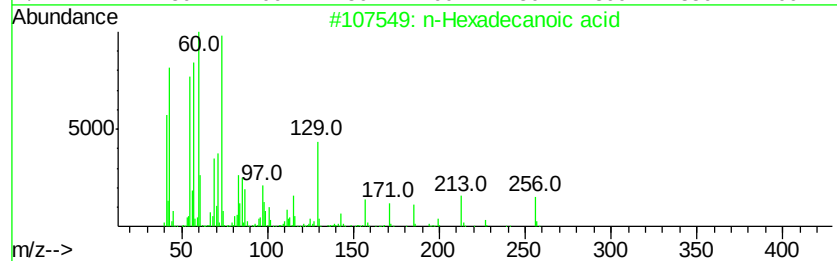
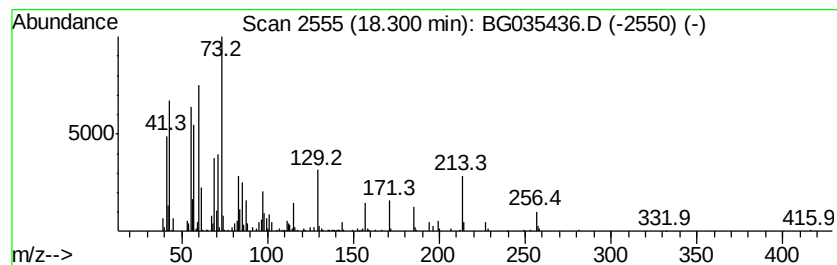
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.30	7.49 ng	343372	Phenanthrene-d10	17.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2		Tridecanoic acid	214	C13H26O2	000638-53-9	95
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	76
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	68
5		Trehalose	342	C12H22O11	000099-20-7	27



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BNA_G
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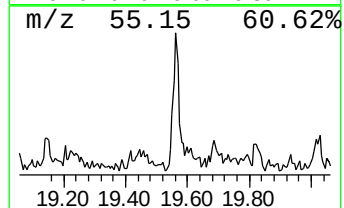
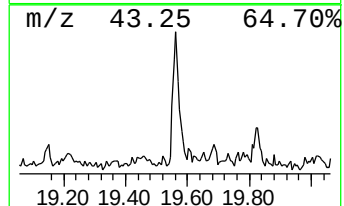
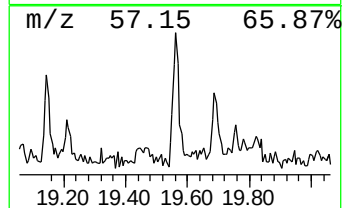
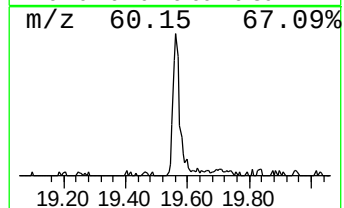
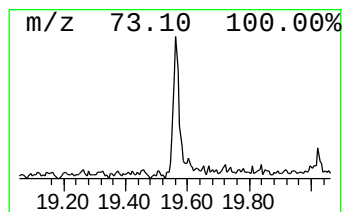
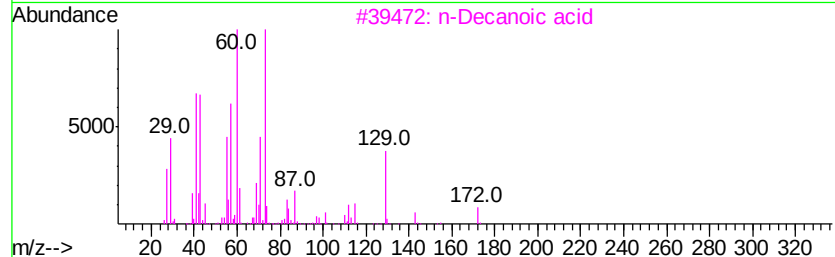
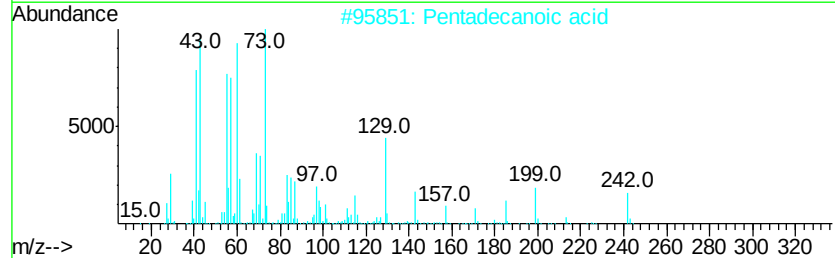
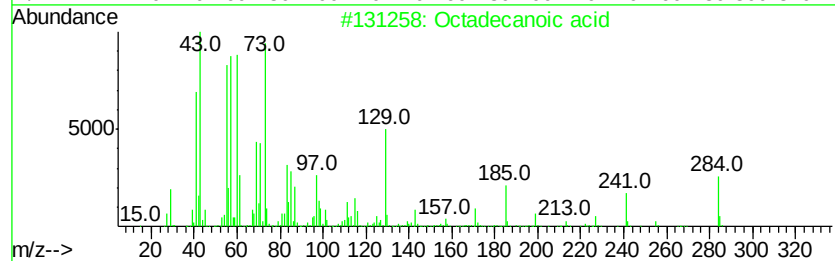
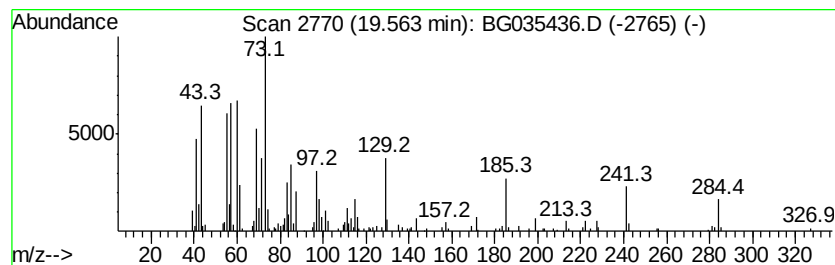
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Peak Number 5 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.56	3.54 ng	185120	Chrysene-d12	21.68

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid	284	C18H36O2	000057-11-4	98
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	62
3		n-Decanoic acid	172	C10H20O2	000334-48-5	55
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	53
5		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	47



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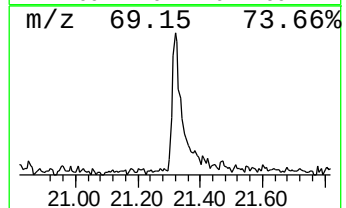
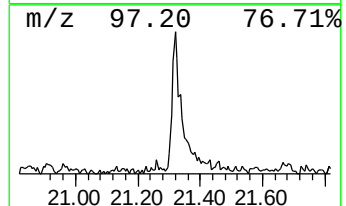
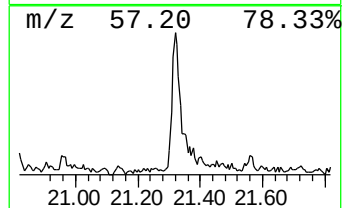
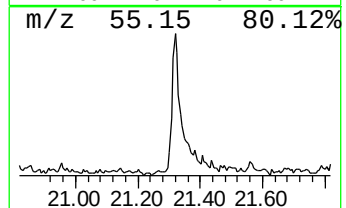
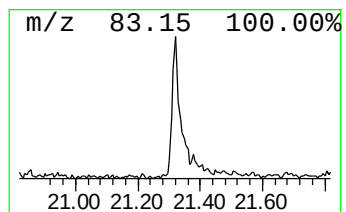
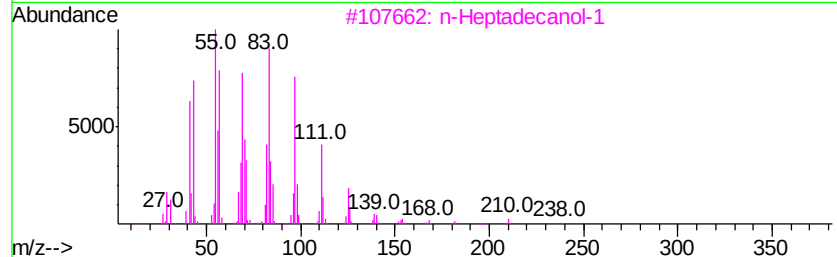
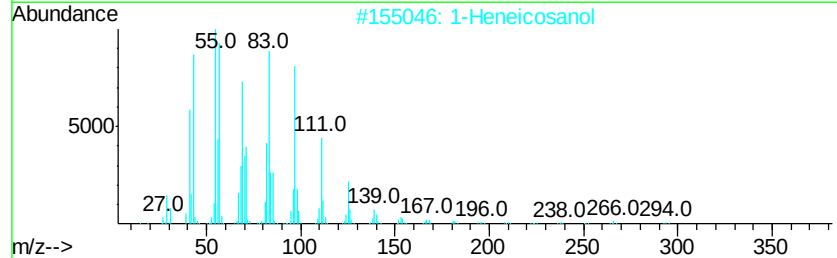
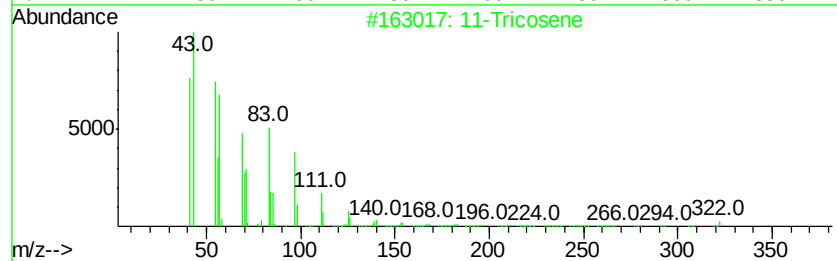
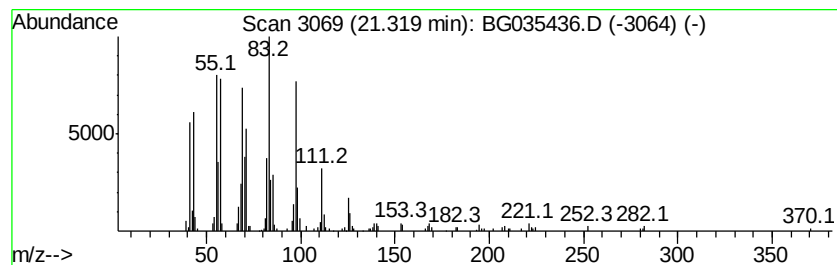
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Peak Number 6 11-Tricosene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.		
21.32	5.53 ng	289236	Chrysene-d12		21.68		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	11-Tricosene			322	C23H46	052078-56-5	91
2	1-Heneicosanol			312	C21H44O	015594-90-8	90
3	n-Heptadecanol-1			256	C17H36O	001454-85-9	90
4	Behenic alcohol			326	C22H46O	000661-19-8	90
5	1-Octadecene			252	C18H36	000112-88-9	89



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.16	10.3	ng	170027	1	8.05	330199	20.0
unknown7.58	7.58	127.4	ng	2102640	1	8.05	330199	20.0
n-Hexadecanoic acid	18.30	7.5	ng	343372	4	17.41	916566	20.0
Octadecanoic acid	19.56	3.5	ng	185120	5	21.68	1045170	20.0
11-Tricosene	21.32	5.5	ng	289236	5	21.68	1045170	20.0