

Data File : BM012277.D

Acq On : 18 Oct 2017 08:20

Operator : SJ/JU

Sample : I5747-02

Misc :

ALS Vial : 28 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

B-23(1-3)-100517

Manual Integrations

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Sohil

10/18/2017 7:33:53 PM

Quant Time: Oct 30 08:21:38 2017

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed Oct 18 08:12:28 2017

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	211813	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	778803	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	511141	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	1202718	20.00	ng/ul	0.00
75) Chrysene-d12	21.37	240	1232564	20.00	ng/ul	0.00
83) Perylene-d12	23.66	264	937661	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	17945	4.03	ng/uL	0.00
5) Phenol-d5	6.96	99	486732	28.32	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.12	67	296845	28.80	ng/ul	0.00
9) 2-Chlorophenol-d4	7.32	132	461793	31.68	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	304788	20.60	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	175538	29.54	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	213724	30.78	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	406887	30.69	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	424151	34.18	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	1413148	31.28	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	1693544	30.97	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	131537	19.37	ng/ul	0.00
57) Fluorene-d10	15.43	176	1192824	32.17	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.58	200	158140	19.16	ng/ul	0.00
70) Anthracene-d10	17.29	188	1836111	30.87	ng/ul	0.00
76) Pyrene-d10	19.58	212	2404402	38.43	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.52	264	1426056	31.55	ng/ul	0.00

Target Compounds

						Qvalue
4) Benzaldehyde	6.93	77	62438	5.44	ng/ul	96
6) Phenol	6.98	94	113833	6.41	ng/ul	97
69) Phenanthrene	17.23	178	208432	3.05	ng/ul	98
74) Fluoranthene	19.24	202	523948	6.35	ng/ul#	96
77) Pyrene	19.61	202	592706	7.28	ng/ul#	95
80) Benzo(a)anthracene	21.35	228	299598	3.74	ng/ul	97
82) Chrysene	21.40	228	330067	4.38	ng/ul	96
85) Benzo(b)fluoranthene	22.97	252	446582	7.30	ng/ul#	97
86) Benzo(k)fluoranthene	23.01	252	140024m	2.37	ng/ul	
88) Benzo(a)pyrene	23.56	252	267604	4.64	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	26.00	276	210948	3.44	ng/ul	97
91) Benzo(g,h,i)perylene	26.73	276	189464	3.78	ng/ul	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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B-23(1-3)-100517

Manual Integrations
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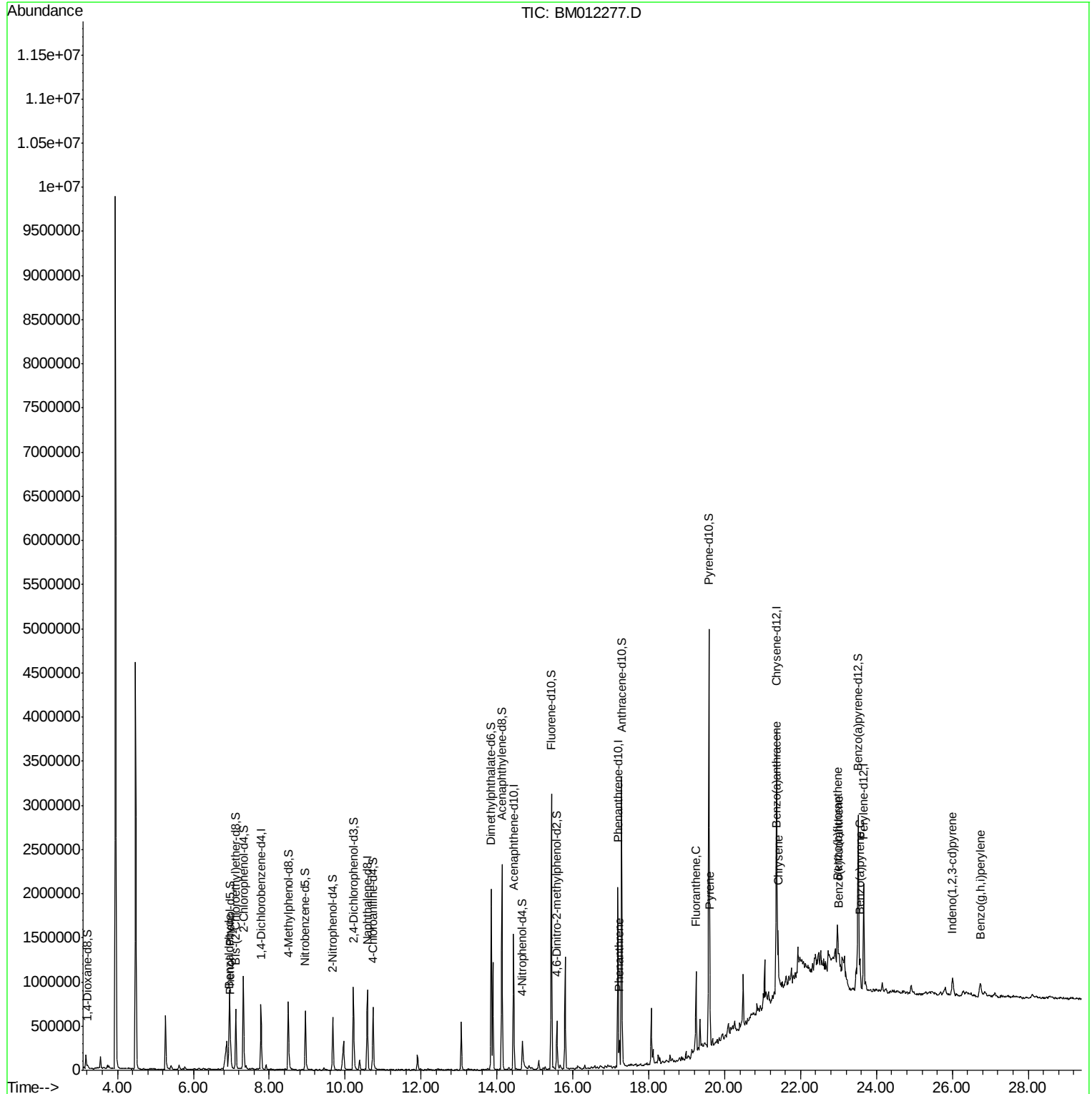
Quant Time: Oct 30 08:21:38 2017

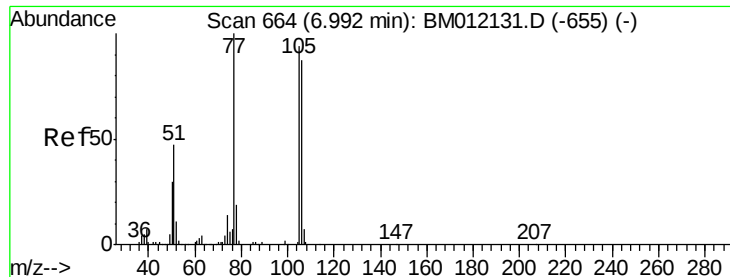
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed Oct 18 08:12:28 2017

Response via : Initial Calibration





#4

Benzaldehyde

Concen: 5.44 ng/ul

RT: 6.93 min Scan# 654

Delta R.T. -0.00 min

Lab File: BM012277.D

Acq: 18 Oct 2017 08:20

Instrument :

BNA_M

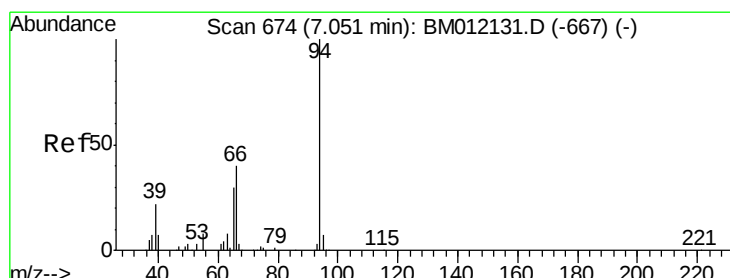
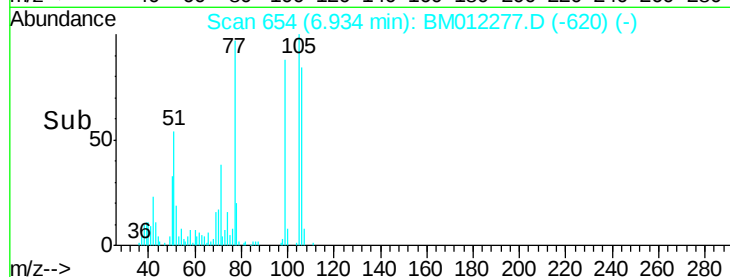
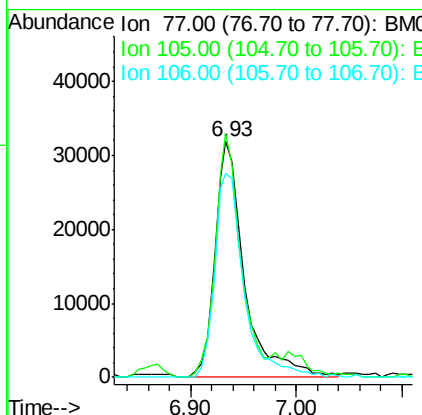
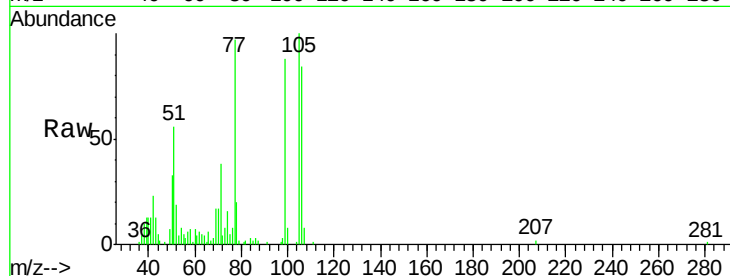
ClientSampleId :

B-23(1-3)-100517

Tgt Ion:	77	Resp:	62438
Ion	Ratio	Lower	Upper
77	100		
105	103.4	78.4	117.6
106	86.7	70.6	106.0

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#6

Phenol

Concen: 6.41 ng/ul

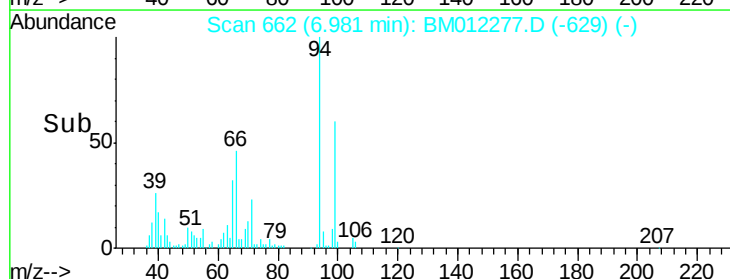
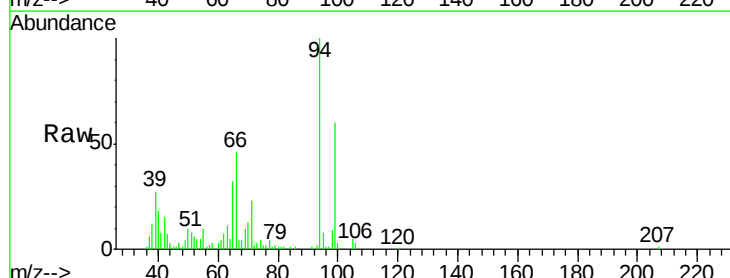
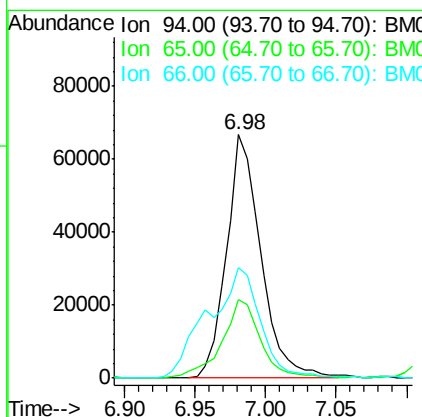
RT: 6.98 min Scan# 662

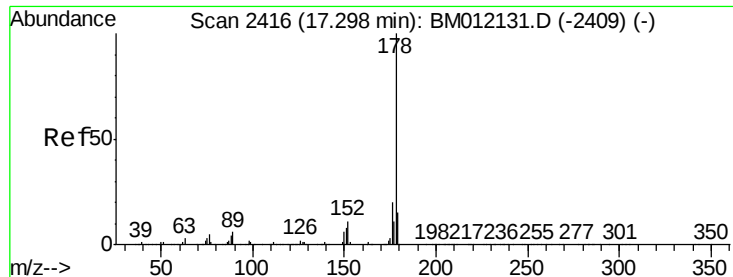
Delta R.T. -0.01 min

Lab File: BM012277.D

Acq: 18 Oct 2017 08:20

Tgt Ion:	94	Resp:	113833
Ion	Ratio	Lower	Upper
94	100		
65	32.2	24.4	36.6
66	45.5	35.0	52.4





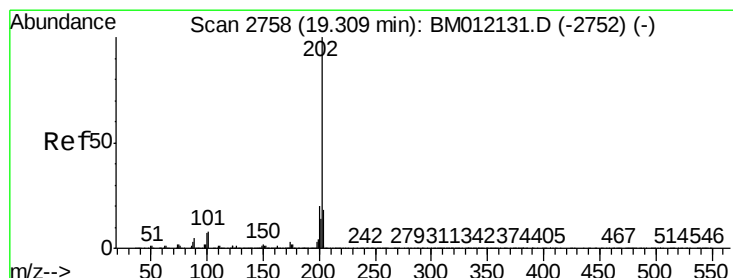
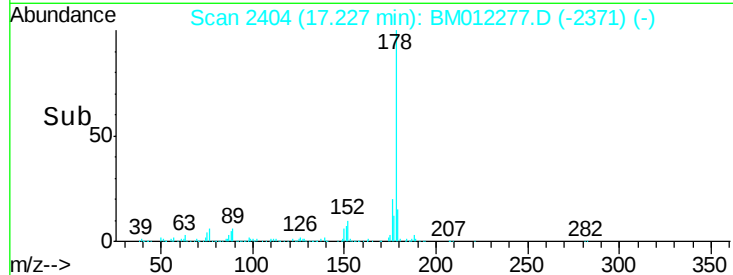
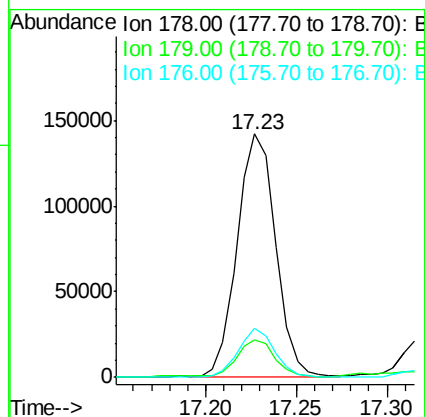
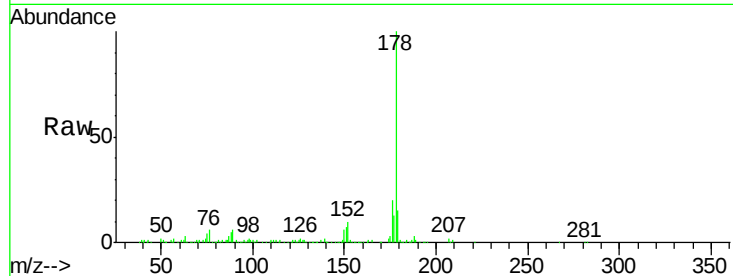
#69
Phenanthrene
Concen: 3.05 ng/ul
RT: 17.23 min Scan# 2404
Delta R.T. -0.01 min
Lab File: BM012277.D
Acq: 18 Oct 2017 08:20

Instrument :
BNA_M
ClientSampleId :
B-23(1-3)-100517

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	208432		
179	15.4	12.0	18.0	
176	20.2	15.0	22.6	

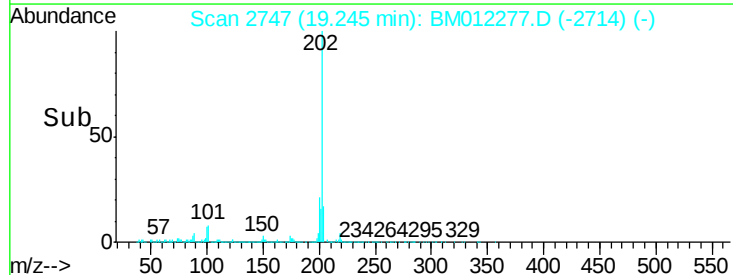
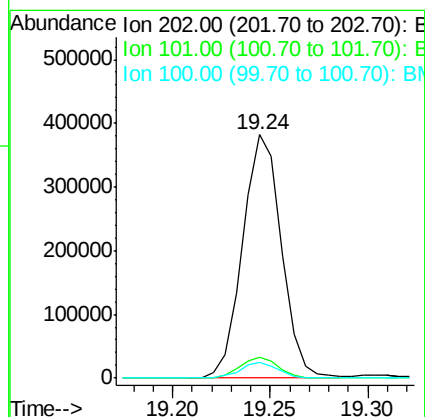
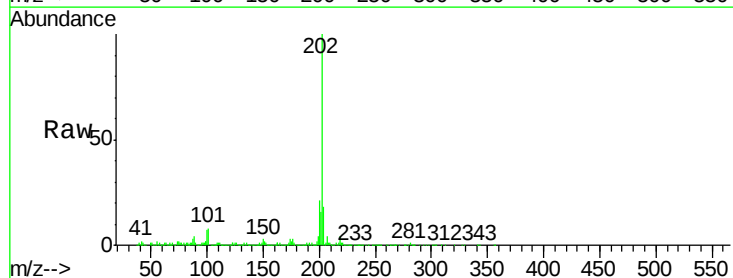
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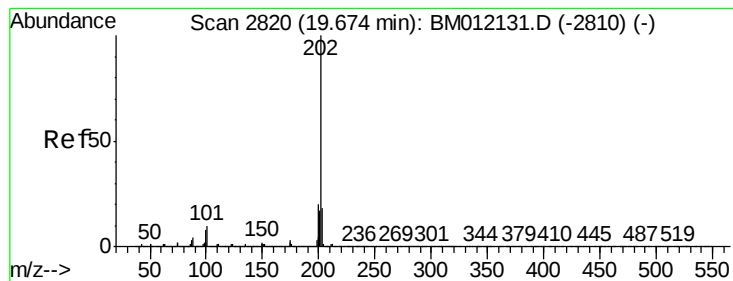
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#74
Fluoranthene
Concen: 6.35 ng/ul
RT: 19.24 min Scan# 2747
Delta R.T. -0.01 min
Lab File: BM012277.D
Acq: 18 Oct 2017 08:20

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	523948		
101	8.4	5.8	8.6	
100	6.7	4.3	6.5	





#77

Pyrene

Concen: 7.28 ng/ul

RT: 19.61 min Scan# 2809

Delta R.T. -0.01 min

Lab File: BM012277.D

Acq: 18 Oct 2017 08:20

Instrument :

BNA_M

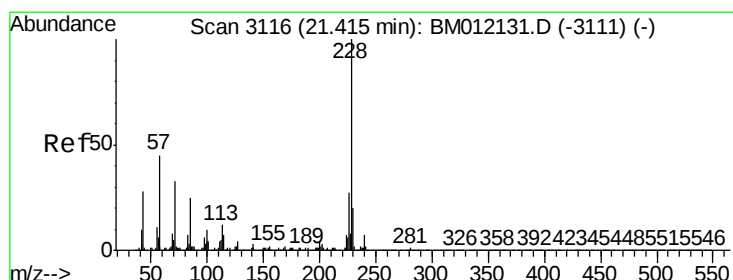
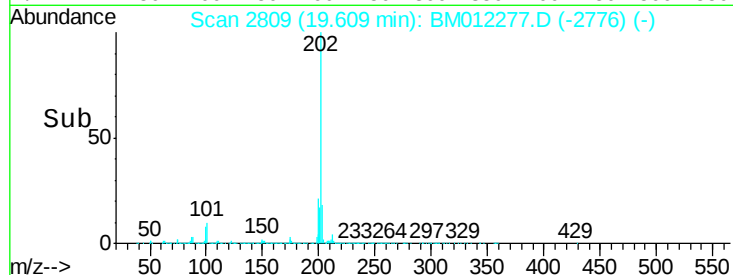
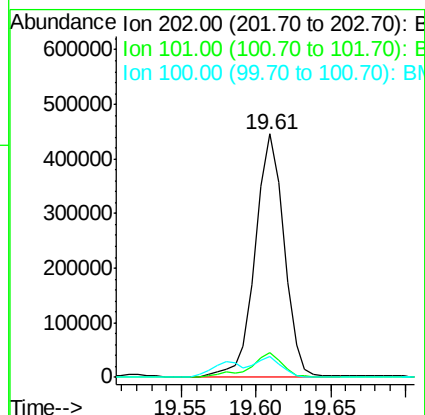
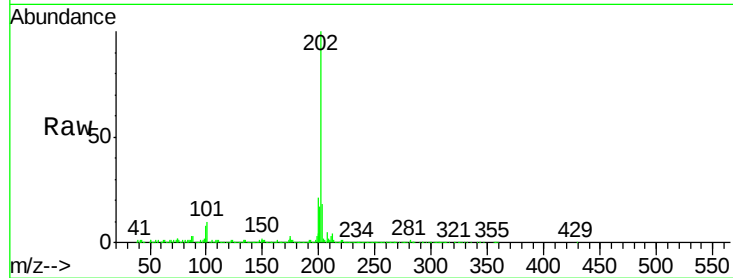
ClientSampleId :

B-23(1-3)-100517

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	9.9	6.5	9.7#
100	8.4	5.6	8.4

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#80

Benzo(a)anthracene

Concen: 3.74 ng/ul

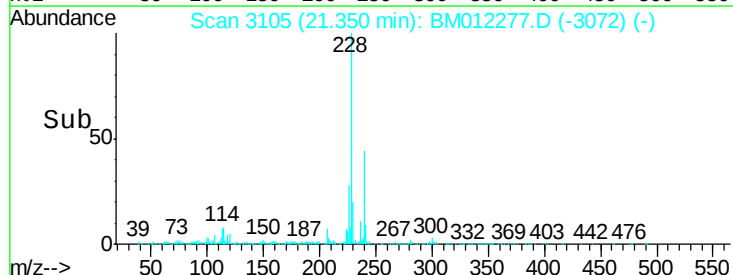
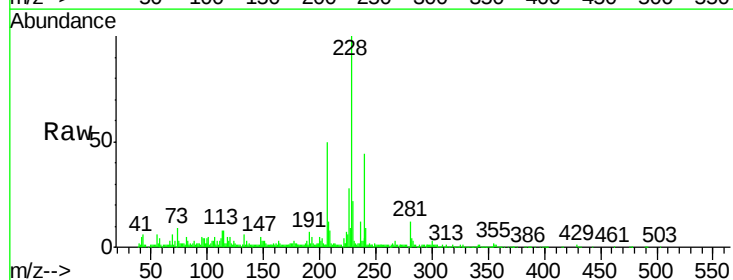
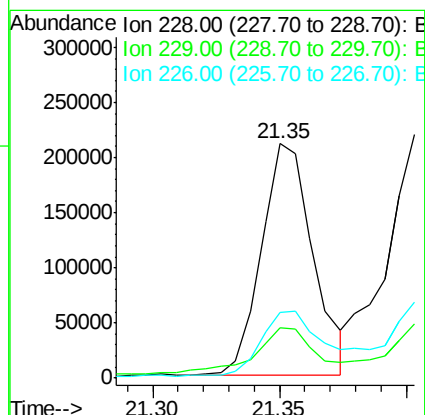
RT: 21.35 min Scan# 3105

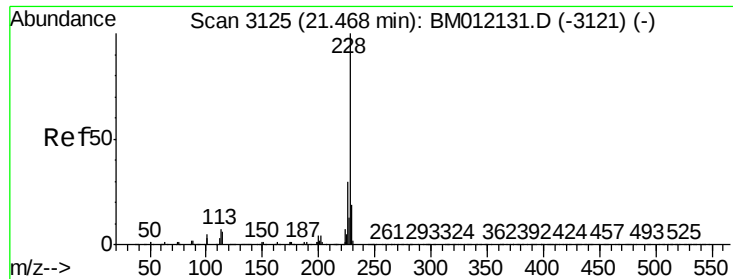
Delta R.T. -0.01 min

Lab File: BM012277.D

Acq: 18 Oct 2017 08:20

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	21.6	15.8	23.8
226	28.3	21.4	32.2





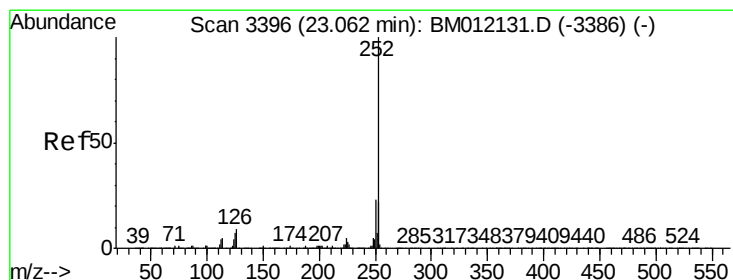
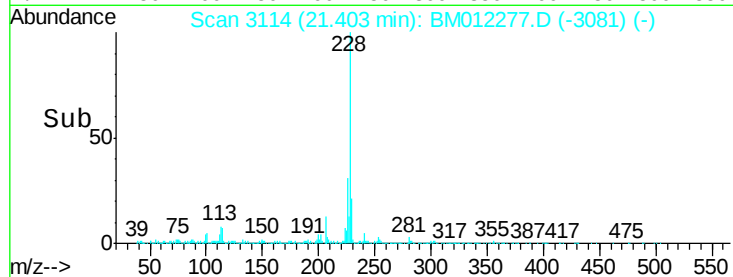
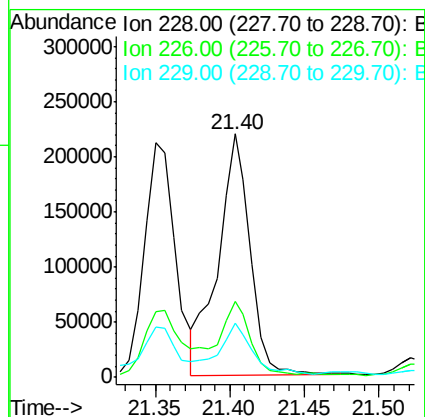
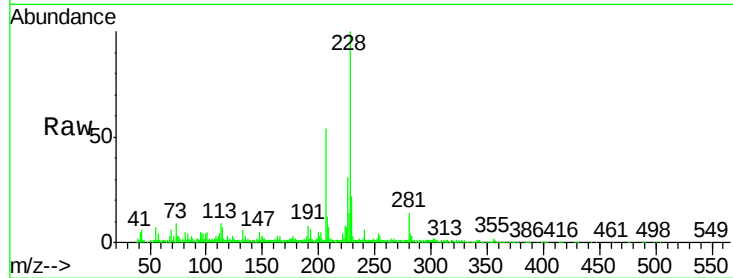
#82
Chrysene
Concen: 4.38 ng/ul
RT: 21.40 min Scan# 3114
Delta R.T. -0.01 min
Lab File: BM012277.D
Acq: 18 Oct 2017 08:20

Instrument :
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ClientSampleId :
B-23(1-3)-100517

Tgt Ion:	228	Resp:	330067
Ion Ratio	Lower	Upper	
228	100		
226	31.4	24.0	36.0
229	22.0	15.5	23.3

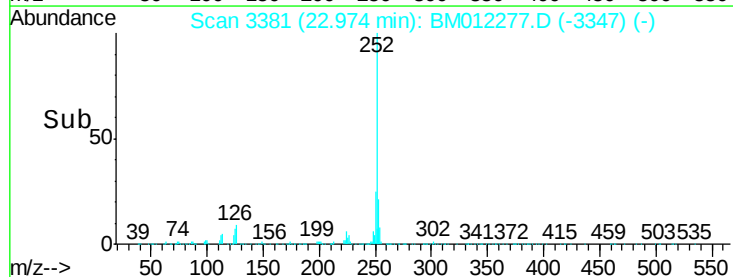
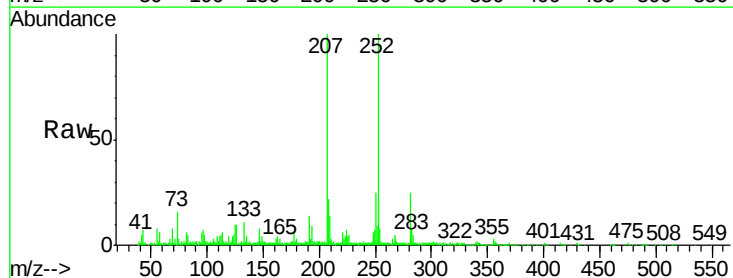
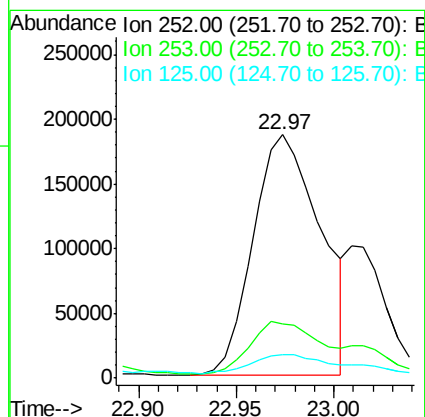
Manual Integrations
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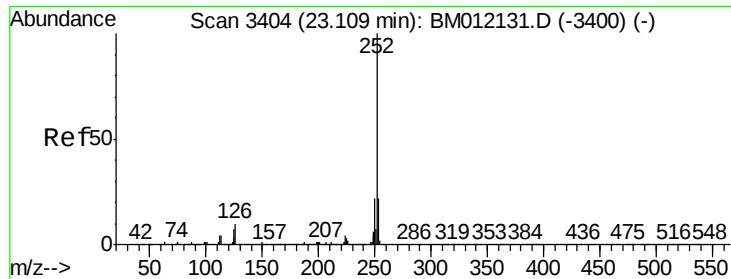
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#85
Benzo(b)fluoranthene
Concen: 7.30 ng/ul
RT: 22.97 min Scan# 3381
Delta R.T. -0.00 min
Lab File: BM012277.D
Acq: 18 Oct 2017 08:20

Tgt Ion:	252	Resp:	446582
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.4	26.2
125	9.6	5.1	7.7#





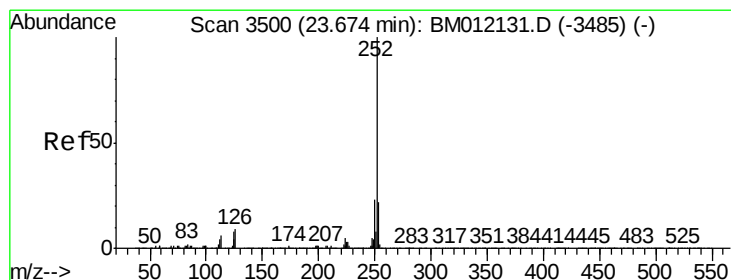
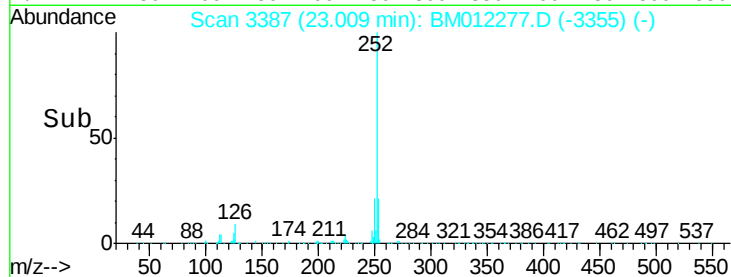
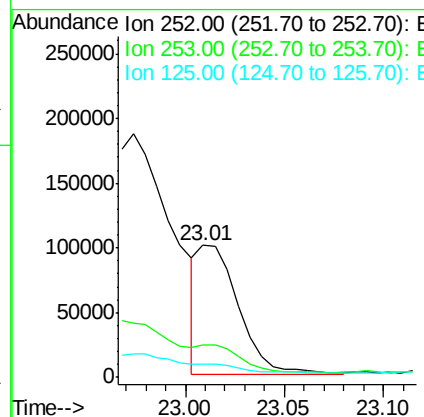
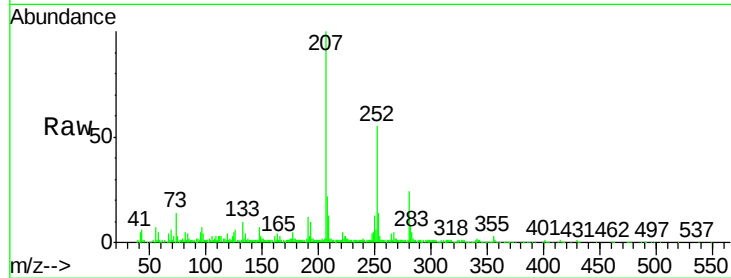
#86
Benzo(k)fluoranthene
Concen: 2.37 ng/ul m
RT: 23.01 min Scan# 3387
Delta R.T. -0.01 min
Lab File: BM012277.D
Acq: 18 Oct 2017 08:20

Instrument :
BNA_M
ClientSampleId :
B-23(1-3)-100517

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	24.5	17.8	26.6
125	9.5	4.9	7.3#

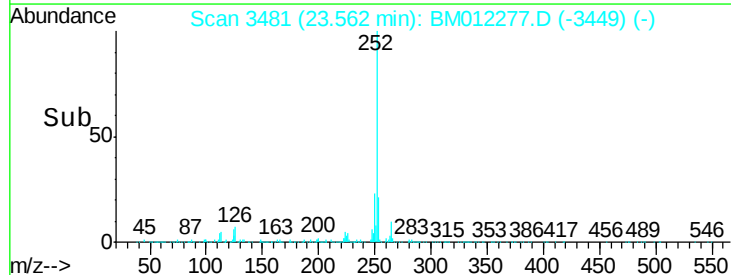
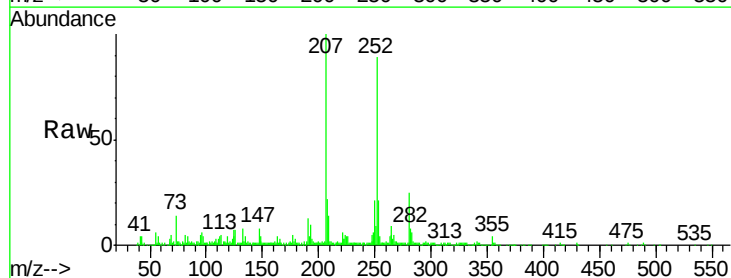
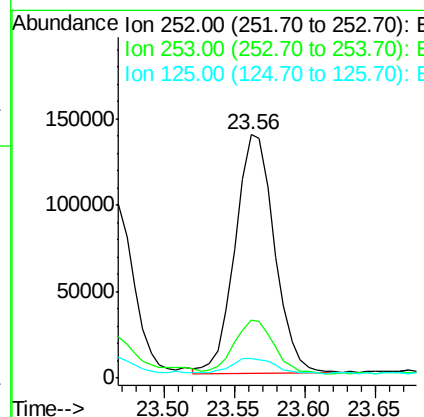
Manual Integrations
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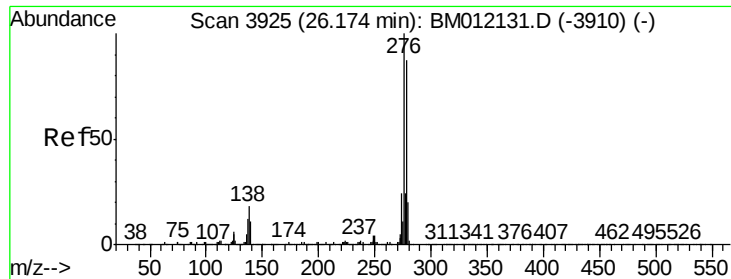
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#88
Benzo(a)pyrene
Concen: 4.64 ng/ul
RT: 23.56 min Scan# 3481
Delta R.T. -0.01 min
Lab File: BM012277.D
Acq: 18 Oct 2017 08:20

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	24.0	17.1	25.7
125	8.3	5.2	7.8#





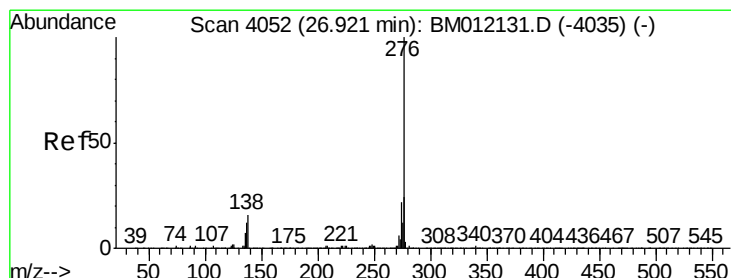
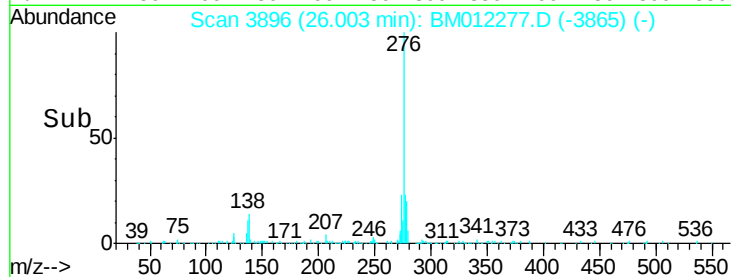
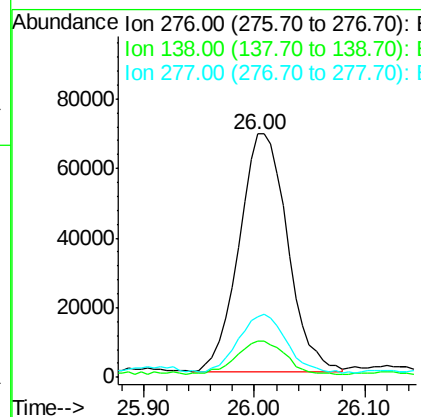
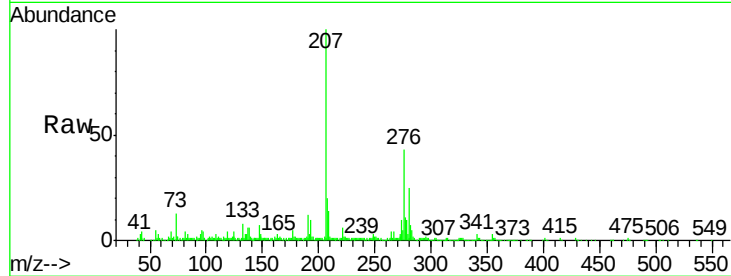
#89
 Indeno(1,2,3-cd)pyrene
 Concen: 3.44 ng/ul
 RT: 26.00 min Scan# 3896
 Delta R.T. -0.02 min
 Lab File: BM012277.D
 Acq: 18 Oct 2017 08:20

Instrument :
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Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.0	13.2	19.8
277	24.9	20.6	31.0

Manual Integrations
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#91
 Benzo(g,h,i)perylene
 Concen: 3.78 ng/ul
 RT: 26.73 min Scan# 4020
 Delta R.T. -0.01 min
 Lab File: BM012277.D
 Acq: 18 Oct 2017 08:20

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.0	10.7	16.1
277	25.4	19.0	28.4

