

Data File : BM010720.D
Acq On : 24 Jun 2017 09:14
Operator : SJ/JU
Sample : I3627-09
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F5A69

Manual Integrations
APPROVED

mohammad
6/28/2017 7:47:51 AM

Quant Time: Jun 26 03:14:16 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 26 01:49:13 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	81824	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	379723	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.11	164	249116	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.86	188	596182	20.00	ng/ul	0.00
75) Chrysene-d12	21.08	240	635941	20.00	ng/ul	0.00
83) Perylene-d12	23.22	264	457925	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.07	96	5010	3.51	ng/uL	0.00
5) Phenol-d5	6.65	99	145702	18.69	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.81	67	80222	18.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	112473	20.57	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	111916	17.32	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	58739	21.69	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	72628	23.27	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	145020	22.07	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	132635	19.16	ng/ul	0.00
43) Dimethylphthalate-d6	13.53	166	504848	23.09	ng/ul	0.00
46) Acenaphthylene-d8	13.80	160	592756	23.30	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	73071	18.99	ng/ul	0.00
57) Fluorene-d10	15.11	176	436403	23.09	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.24	200	80309	21.93	ng/ul	0.00
70) Anthracene-d10	16.96	188	686995	23.86	ng/ul	0.00
76) Pyrene-d10	19.27	212	808063	27.35	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.09	264	557650	25.20	ng/ul	0.00

Target Compounds

						Qvalue
6) Phenol	6.67	94	11492	1.43	ng/ul	95
44) Dimethylphthalate	13.58	163	251570	11.74	ng/ul	99
74) Fluoranthene	18.94	202	307045	7.52	ng/ul	99
77) Pyrene	19.30	202	348701	9.49	ng/ul#	96
80) Benzo(a)anthracene	21.07	228	245636	6.63	ng/ul	96
82) Chrysene	21.11	228	253006	7.66	ng/ul	96
85) Benzo(b)fluoranthene	22.59	252	409772	13.79	ng/ul	99
86) Benzo(k)fluoranthene	22.62	252	126468m	4.49	ng/ul	
88) Benzo(a)pyrene	23.13	252	187632	6.86	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	25.33	276	113340	3.99	ng/ul#	94
90) Dibenzo(a,h)anthracene	25.34	278	30732	1.30	ng/ul	97
91) Benzo(g,h,i)perylene	25.98	276	78049m	3.45	ng/ul	

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

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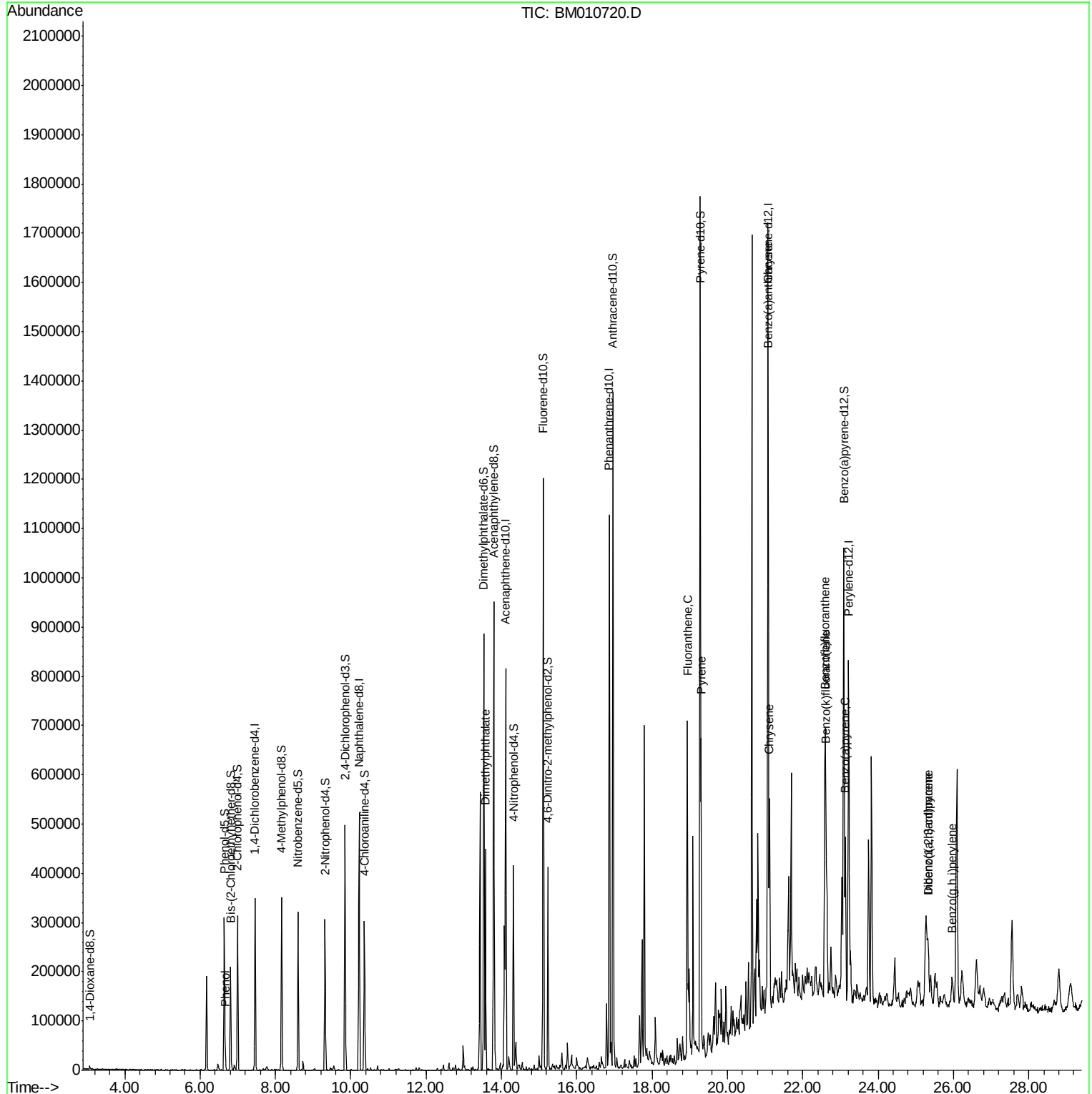
Quant Time: Jun 26 03:14:16 2017

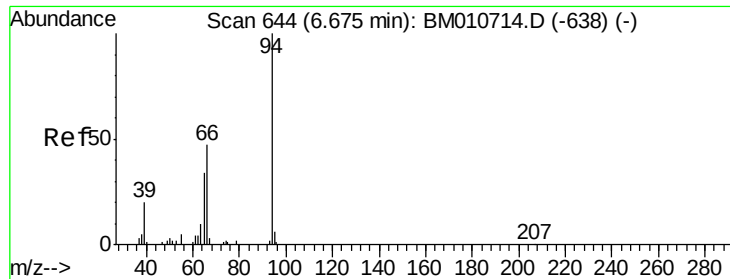
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M

Quant Title : SVOA CALIBRATION

QLast Update : Mon Jun 26 01:49:13 2017

Response via : Initial Calibration





#6

Phenol

Concen: 1.43 ng/ul

RT: 6.67 min Scan# 644

Delta R.T. -0.00 min

Lab File: BM010720.D

Acq: 24 Jun 2017 09:14

Instrument :

BNA_M

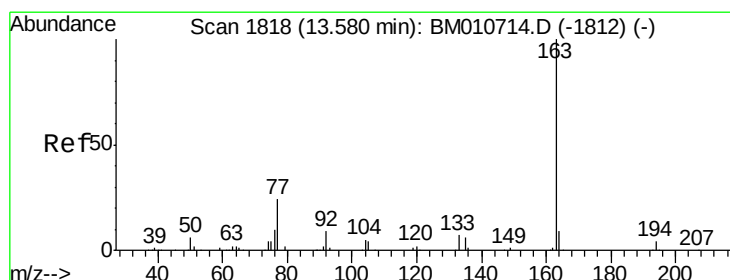
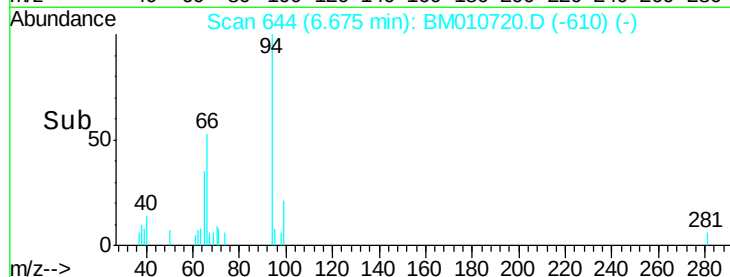
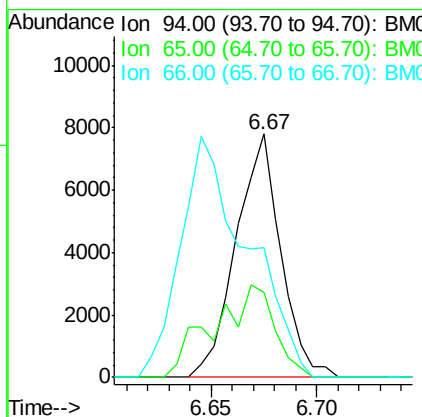
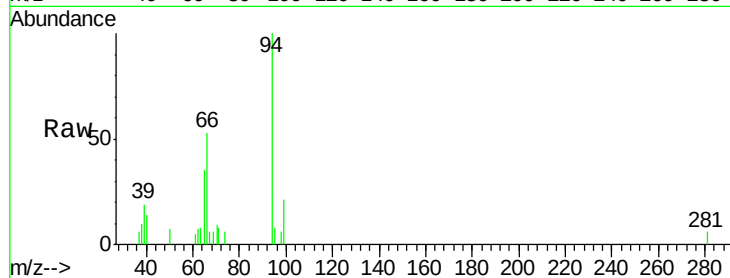
ClientSampled :

F5A69

Tgt Ion:	94	Resp:	11492
Ion	Ratio	Lower	Upper
94	100		
65	34.9	28.2	42.4
66	53.5	47.2	70.8

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#44

Dimethylphthalate

Concen: 11.74 ng/ul

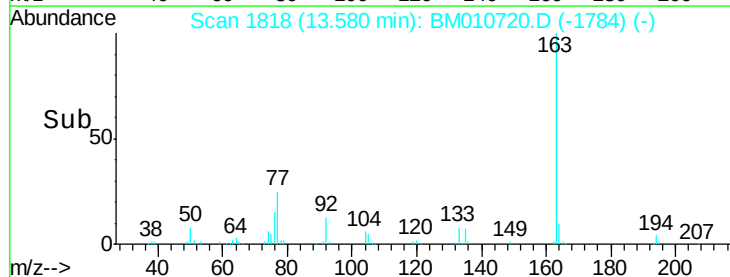
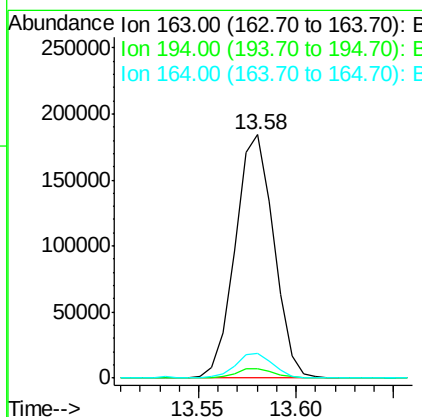
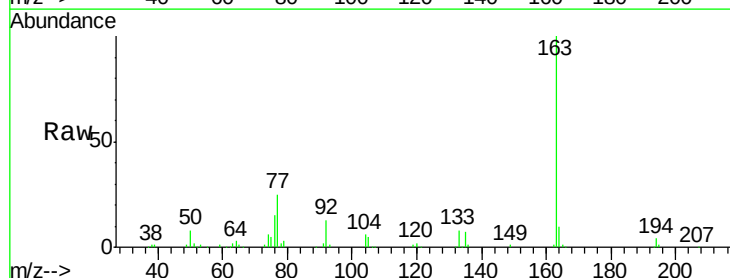
RT: 13.58 min Scan# 1818

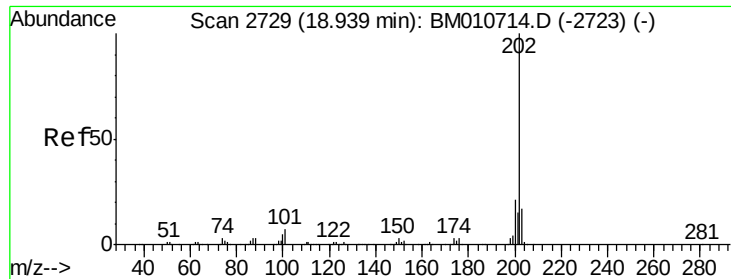
Delta R.T. -0.00 min

Lab File: BM010720.D

Acq: 24 Jun 2017 09:14

Tgt Ion:	163	Resp:	251570
Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.5	5.3
164	10.4	8.2	12.4





#74

Fluoranthene

Concen: 7.52 ng/ul

RT: 18.94 min Scan# 2729

Delta R.T. -0.00 min

Lab File: BM010720.D

Acq: 24 Jun 2017 09:14

Instrument :

BNA_M

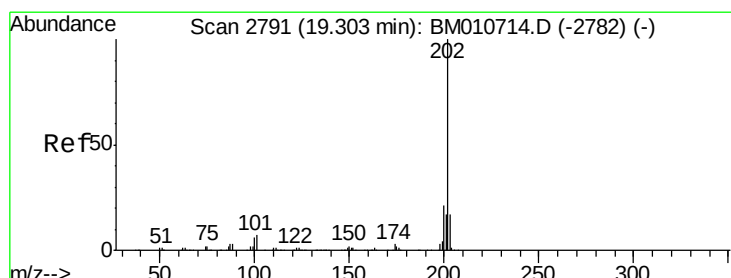
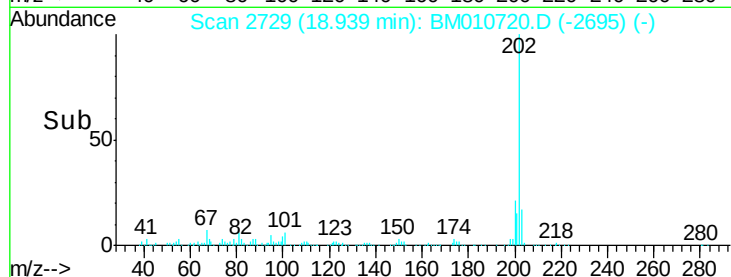
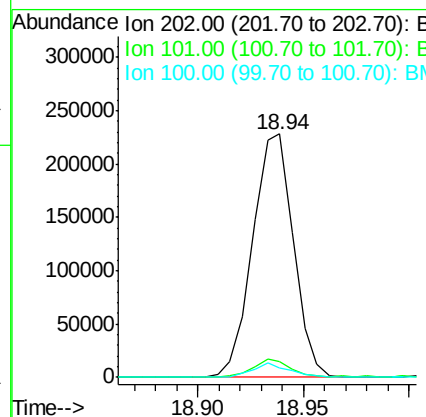
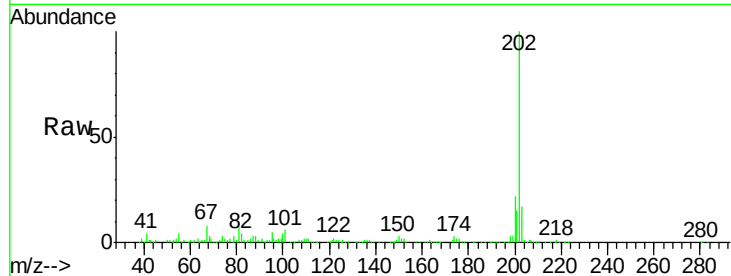
ClientSampleId :

F5A69

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	307045		
101	6.5	4.6	7.0	
100	4.0	3.4	5.2	

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#77

Pyrene

Concen: 9.49 ng/ul

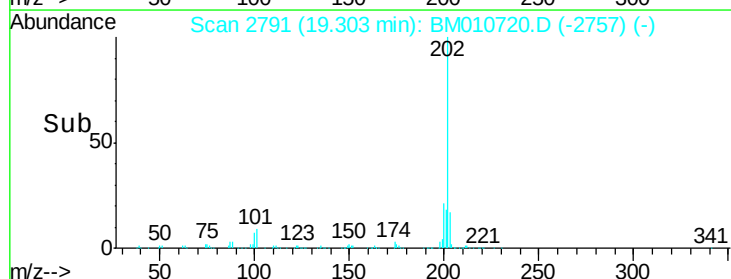
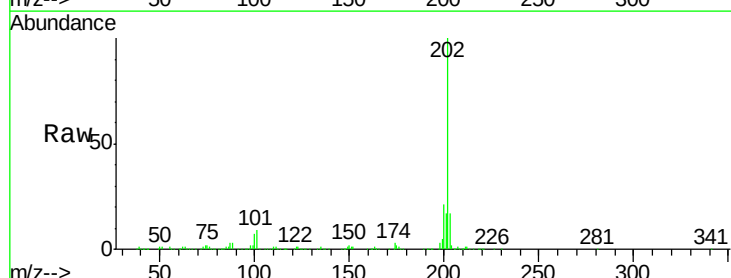
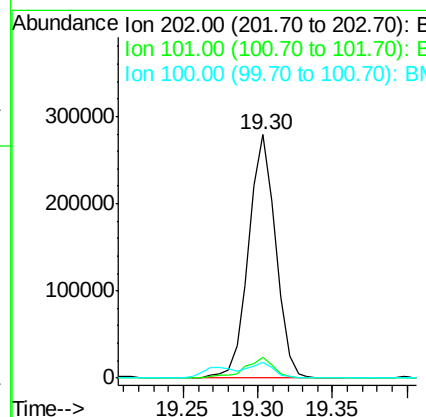
RT: 19.30 min Scan# 2791

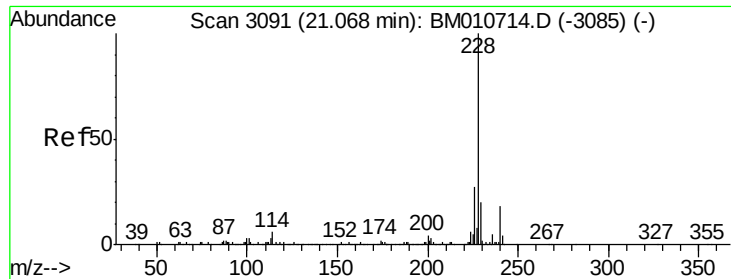
Delta R.T. -0.00 min

Lab File: BM010720.D

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Tgt Ion	Ratio	Resp	Lower	Upper
202	100	348701		
101	8.8	5.1	7.7#	
100	6.7	4.9	7.3	





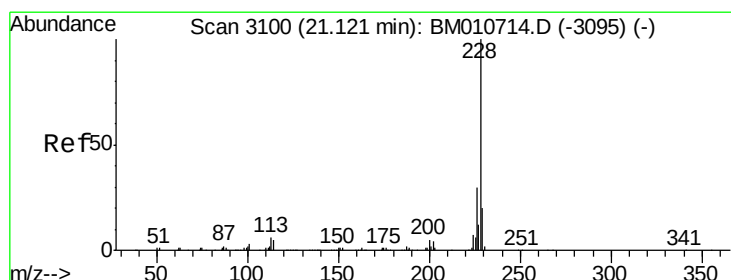
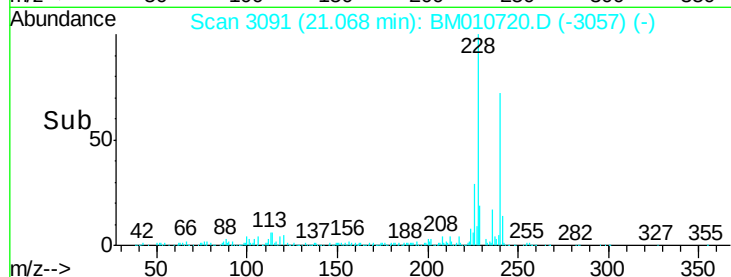
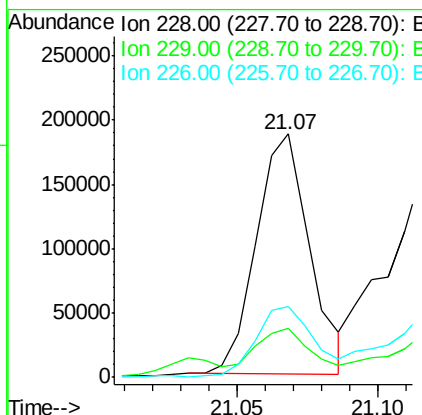
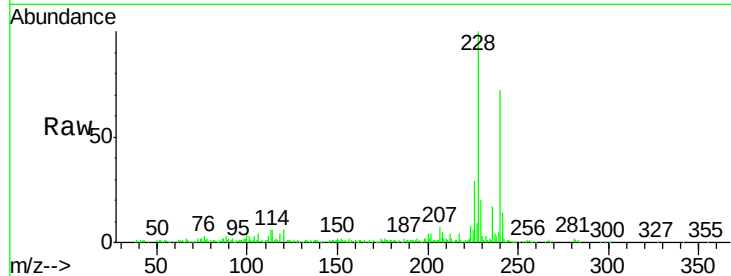
#80
Benzo(a)anthracene
Concen: 6.63 ng/ul
RT: 21.07 min Scan# 3091
Delta R.T. -0.00 min
Lab File: BM010720.D
Acq: 24 Jun 2017 09:14

Instrument :
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ClientSampleId :
F5A69

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.0	15.4	23.0
226	29.3	21.4	32.0

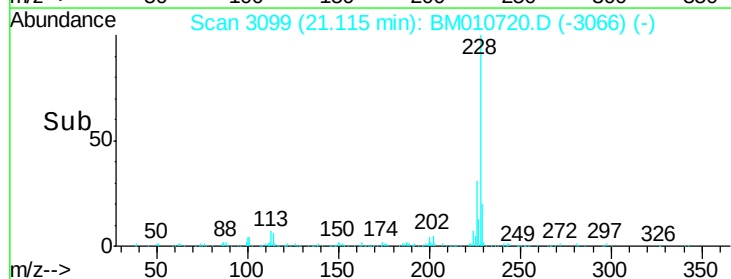
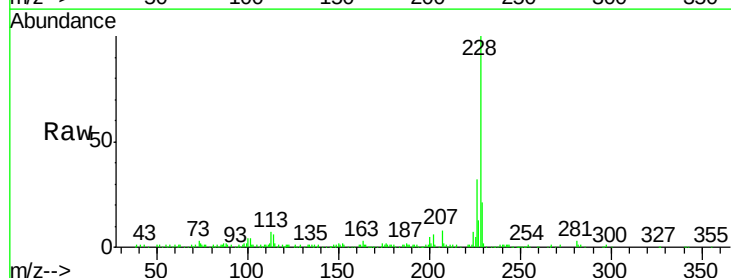
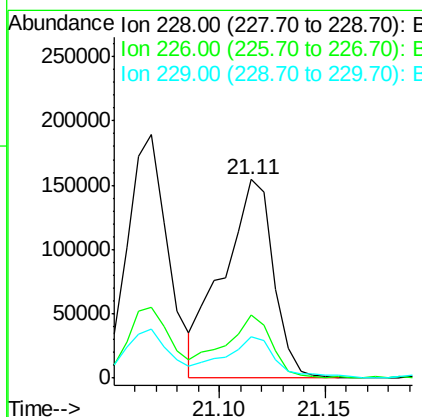
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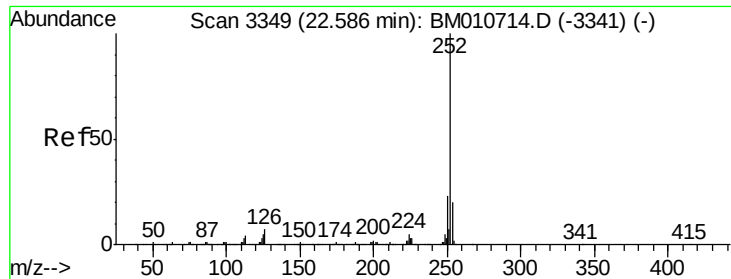
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#82
Chrysene
Concen: 7.66 ng/ul
RT: 21.11 min Scan# 3099
Delta R.T. -0.01 min
Lab File: BM010720.D
Acq: 24 Jun 2017 09:14

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.5	23.4	35.2
229	20.7	15.5	23.3





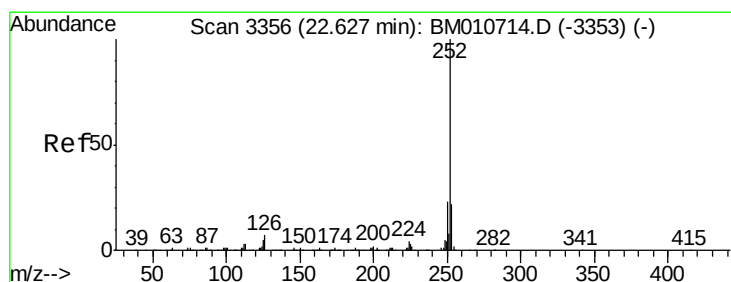
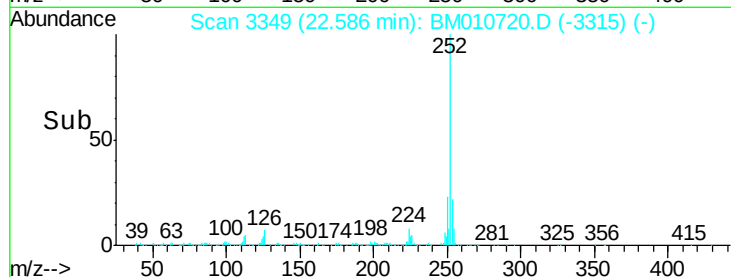
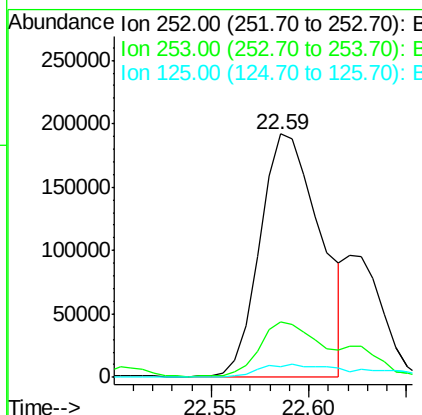
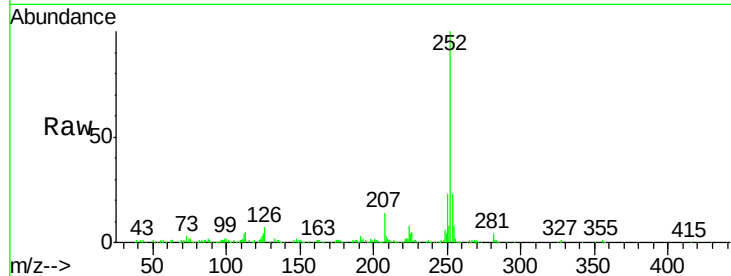
#85
Benzo(b)fluoranthene
Concen: 13.79 ng/ul
RT: 22.59 min Scan# 3349
Delta R.T. -0.00 min
Lab File: BM010720.D
Acq: 24 Jun 2017 09:14

Instrument :
BNA_M
ClientSampled :
F5A69

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.9	26.9
125	4.2	3.6	5.4

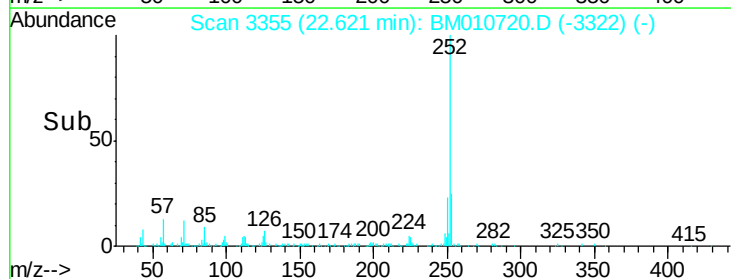
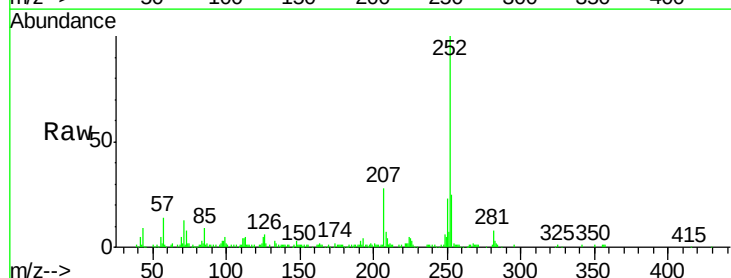
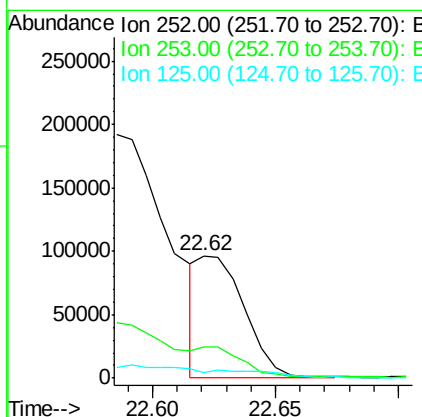
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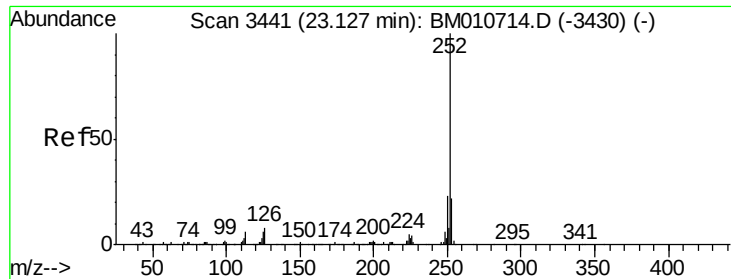
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#86
Benzo(k)fluoranthene
Concen: 4.49 ng/ul m
RT: 22.62 min Scan# 3355
Delta R.T. -0.01 min
Lab File: BM010720.D
Acq: 24 Jun 2017 09:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.4	17.1	25.7
125	5.0	3.4	5.2





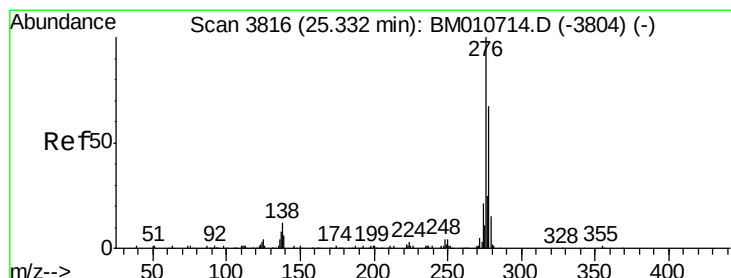
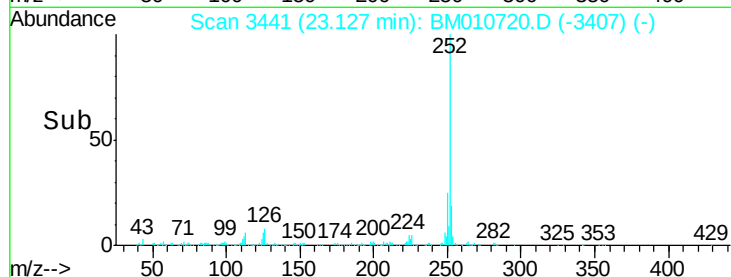
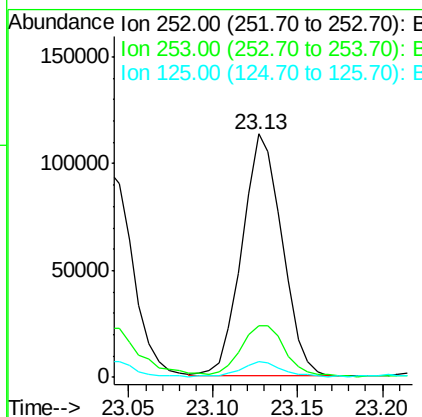
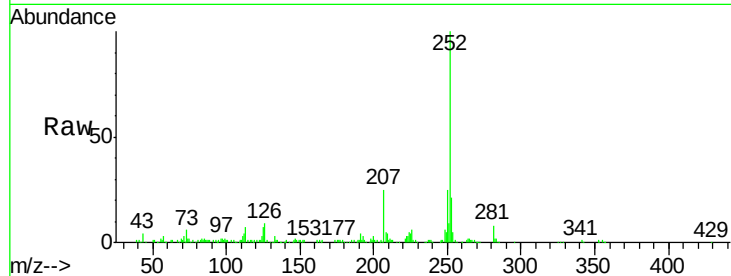
#88
Benzo(a)pyrene
Concen: 6.86 ng/ul
RT: 23.13 min Scan# 3441
Delta R.T. -0.00 min
Lab File: BM010720.D
Acq: 24 Jun 2017 09:14

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
252	100	187632		
253	21.1	18.2	27.2	
125	6.6	4.0	6.0#	

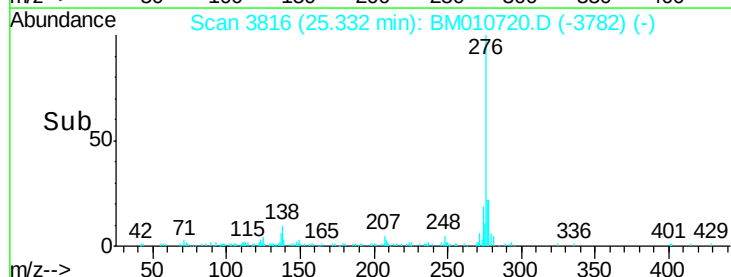
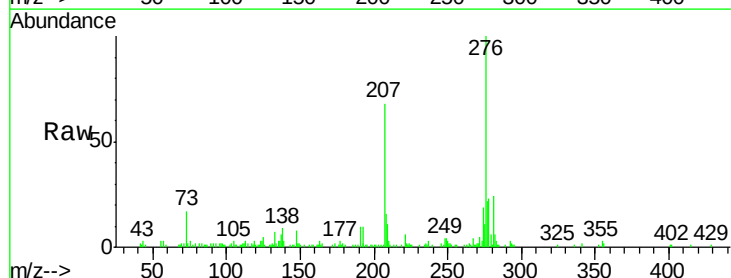
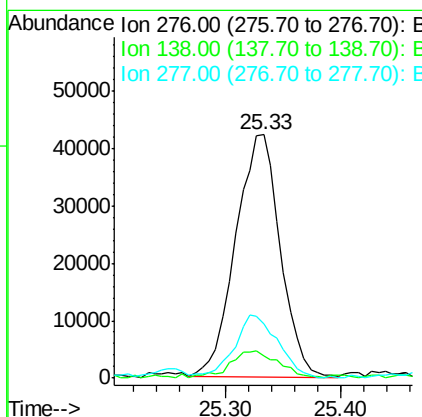
Manual Integrations
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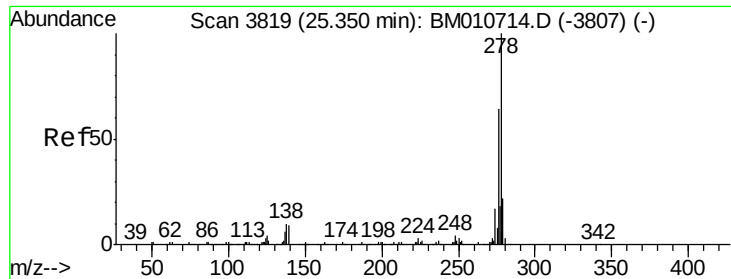
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#89
Indeno(1,2,3-cd)pyrene
Concen: 3.99 ng/ul
RT: 25.33 min Scan# 3816
Delta R.T. -0.00 min
Lab File: BM010720.D
Acq: 24 Jun 2017 09:14

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	113340		
138	9.2	9.3	13.9#	
277	22.0	19.9	29.9	





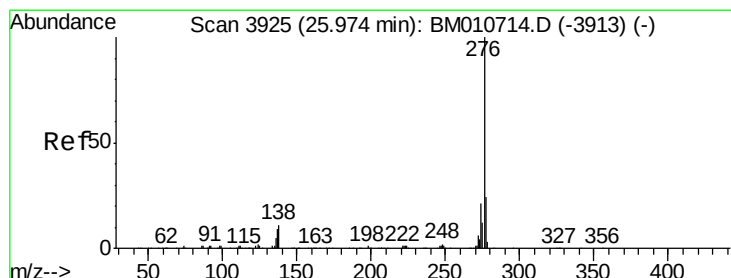
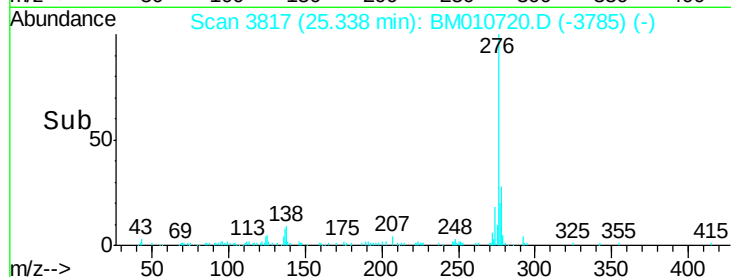
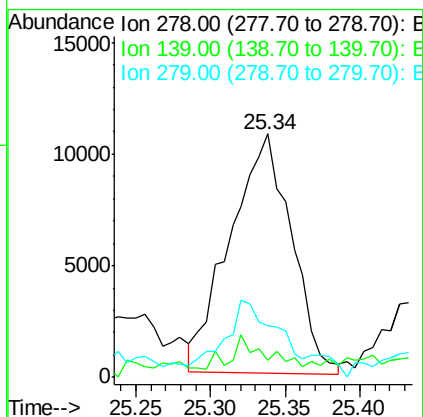
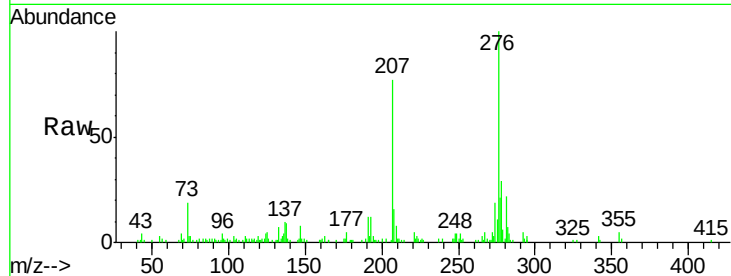
#90
Dibenzo(a,h)anthracene
Concen: 1.30 ng/ul
RT: 25.34 min Scan# 3817
Delta R.T. -0.01 min
Lab File: BM010720.D
Acq: 24 Jun 2017 09:14

Instrument :
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Tgt Ion	Ratio	Lower	Upper
278	100		
139	7.0	5.8	8.8
279	21.3	18.6	27.8

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#91
Benzo(g,h,i)perylene
Concen: 3.45 ng/ul m
RT: 25.98 min Scan# 3926
Delta R.T. 0.01 min
Lab File: BM010720.D
Acq: 24 Jun 2017 09:14

Tgt Ion	Ratio	Lower	Upper
276	100		
138	12.7	8.5	12.7
277	22.3	18.6	28.0

