

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102117\
 Data File : BM012357.D
 Acq On : 21 Oct 2017 13:59
 Operator : SJ/JU
 Sample : I5756-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B0CM1

Manual Integrations
 APPROVED

Sohil
 10/23/2017 3:59:27 PM

Quant Time: Oct 23 06:44:58 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 23 05:01:01 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	153205	20.00	ng/ul	0.00
18) Naphthalene-d8	10.57	136	692189	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	446391	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1092262	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	1357187	20.00	ng/ul	0.00
83) Perylene-d12	23.65	264	1255010	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.19	96	11647	3.61	ng/uL	0.00
5) Phenol-d5	6.94	99	255565	20.56	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	160430	21.52	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	227439	21.57	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	211704	19.78	ng/ul	0.00
19) Nitrobenzene-d5	8.94	128	110477	20.91	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	132331	21.44	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	248978	21.13	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	225989	20.49	ng/ul	0.01
43) Dimethylphthalate-d6	13.83	166	926311	23.48	ng/ul	0.00
46) Acenaphthylene-d8	14.11	160	1099815	23.03	ng/ul	0.00
51) 4-Nitrophenol-d4	14.68	143	88291m	14.89	ng/ul	0.02
57) Fluorene-d10	15.42	176	784628	24.23	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	102020	13.61	ng/ul	0.00
70) Anthracene-d10	17.27	188	1234706	22.86	ng/ul	0.00
76) Pyrene-d10	19.57	212	1573828	22.84	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.51	264	1468426	24.27	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	6.97	94	50114	3.900	ng/ul#	83
44) Dimethylphthalate	13.88	163	283268	7.166	ng/ul	99
47) Acenaphthylene	14.15	152	75782	1.616	ng/ul	99
69) Phenanthrene	17.21	178	406530	6.543	ng/ul	99
71) Anthracene	17.31	178	88089	1.369	ng/ul	98
74) Fluoranthene	19.24	202	999207	13.325	ng/ul	98
77) Pyrene	19.60	202	980945	10.944	ng/ul	97
80) Benzo(a)anthracene	21.34	228	642285	7.273	ng/ul	97
82) Chrysene	21.39	228	596425	7.193	ng/ul	96
85) Benzo(b)fluoranthene	22.96	252	756005	9.231	ng/ul#	95
86) Benzo(k)fluoranthene	22.99	252	246913m	3.128	ng/ul	
88) Benzo(a)pyrene	23.55	252	498863	6.463	ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	25.99	276	284847	3.475	ng/ul	99
91) Benzo(g,h,i)perylene	26.71	276	201286	2.998	ng/ul#	91

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

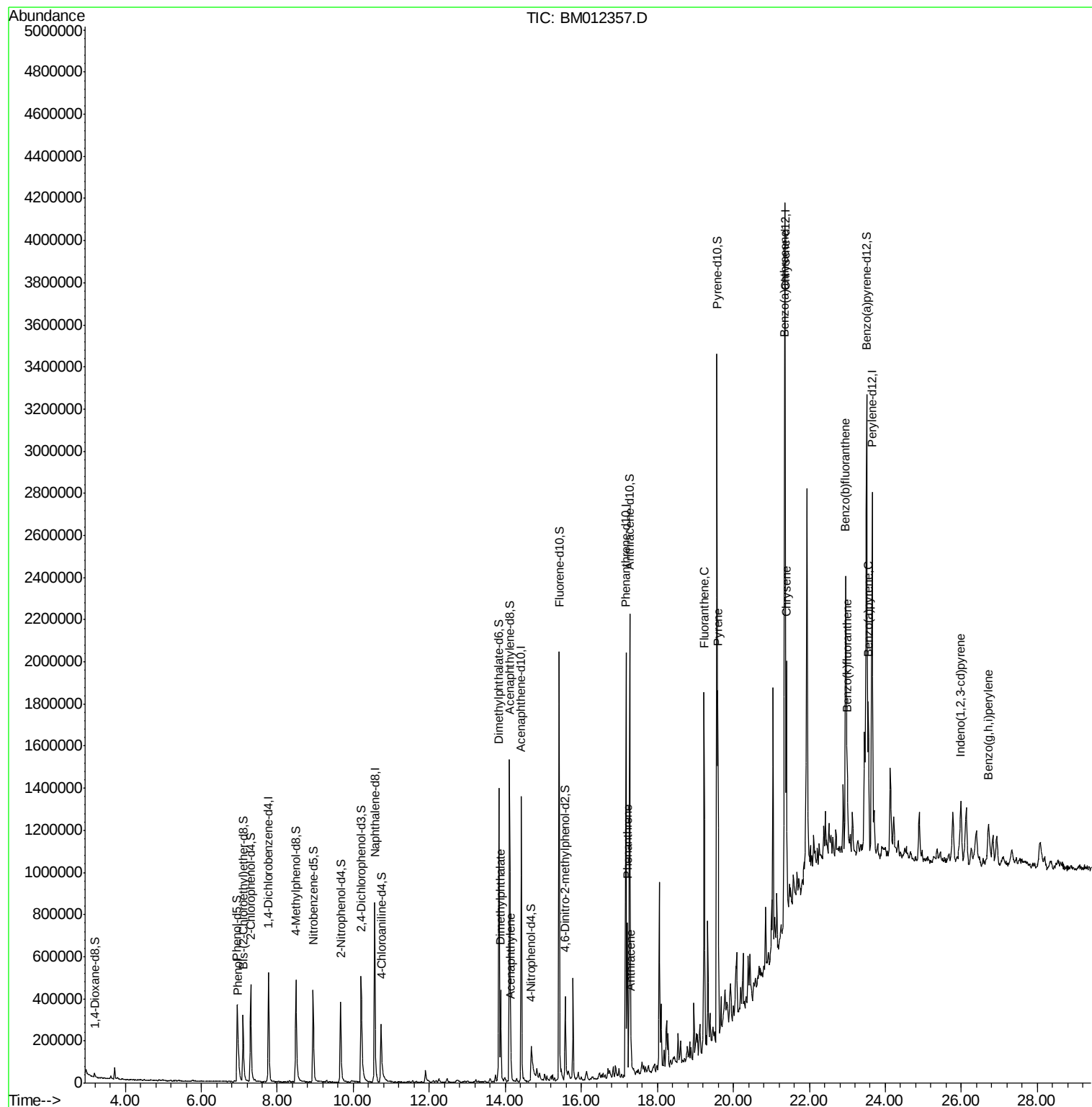
Data Path : Z:\HPCHEM1\BNA M\DATA\BM102117\
Data File : BM012357.D
Acq On : 21 Oct 2017 13:59
Operator : SJ/JU
Sample : I5756-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

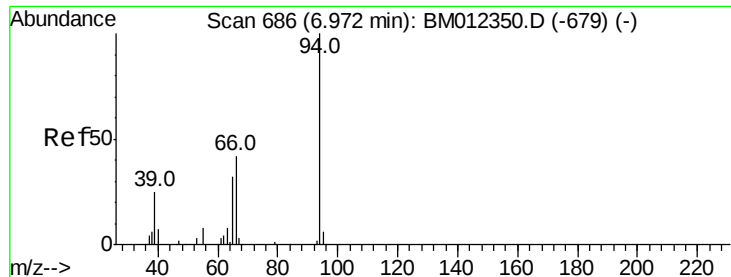
Instrument :
BNA_M
ClientSampleId :
B0CM1

Manual Integrations
APPROVED

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10/23/2017 3:59:27 PM

Quant Time: Oct 23 06:44:58 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 23 05:01:01 2017
Response via : Initial Calibration





#6

Phenol

Concen: 3.900 ng/ul

RT: 6.97 min Scan# 686

Delta R.T. -0.00 min

Lab File: BM012357.D

Acq: 21 Oct 2017 13:59

Instrument :

BNA_M

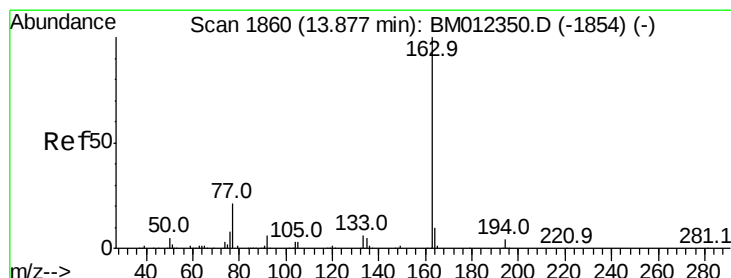
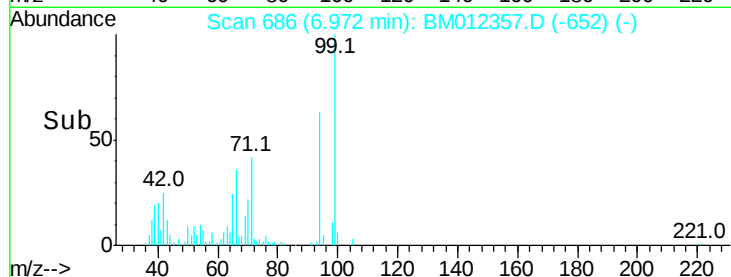
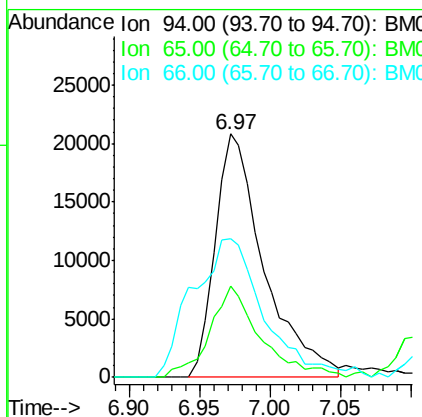
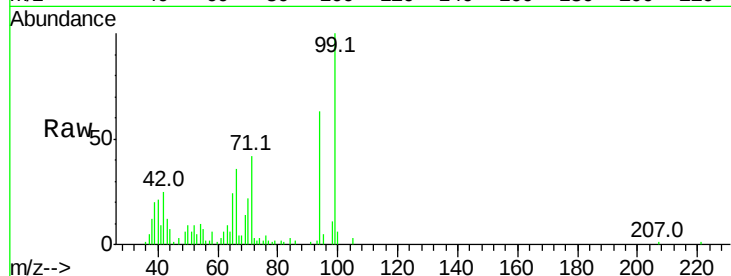
ClientSampled :

B0CM1

Tot Ion:	94	Resp:	50114
Ion Ratio	Lower	Upper	
94	100		
65	37.5	24.4	36.6#
66	56.7	35.0	52.4#

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#44

Dimethylphthalate

Concen: 7.166 ng/ul

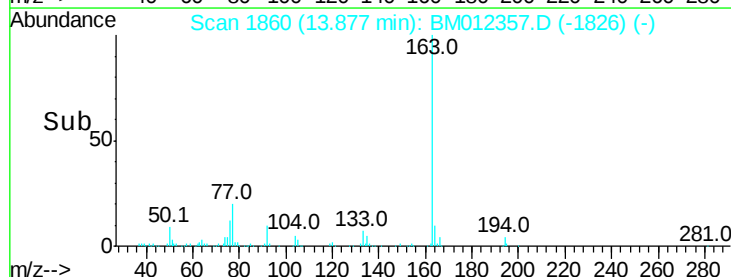
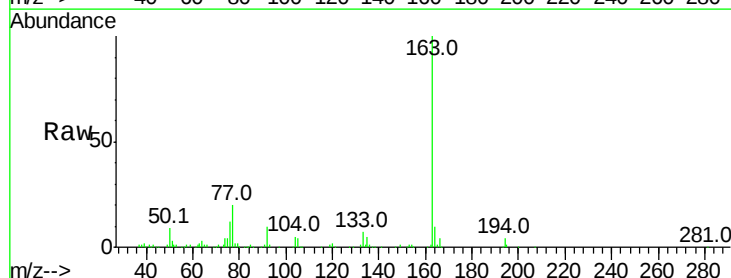
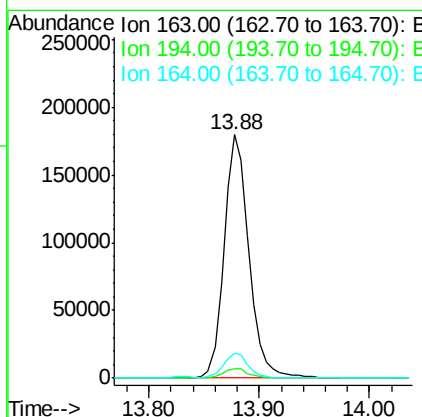
RT: 13.88 min Scan# 1860

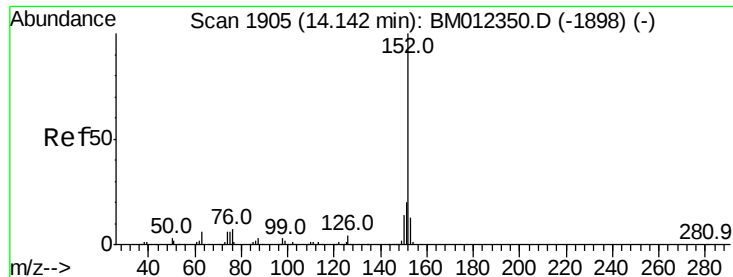
Delta R.T. -0.00 min

Lab File: BM012357.D

Acq: 21 Oct 2017 13:59

Tgt Ion:	163	Resp:	283268
Ion Ratio	Lower	Upper	
163	100		
194	3.8	3.7	5.5
164	10.2	8.1	12.1





#47

Acenaphthylene

Concen: 1.616 ng/ul

RT: 14.15 min Scan# 1906

Delta R.T. 0.01 min

Lab File: BM012357.D

Acq: 21 Oct 2017 13:59

Instrument :

BNA_M

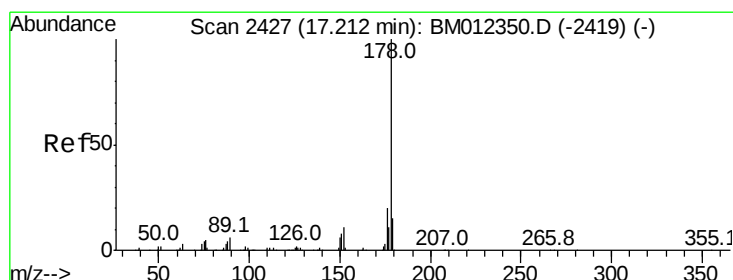
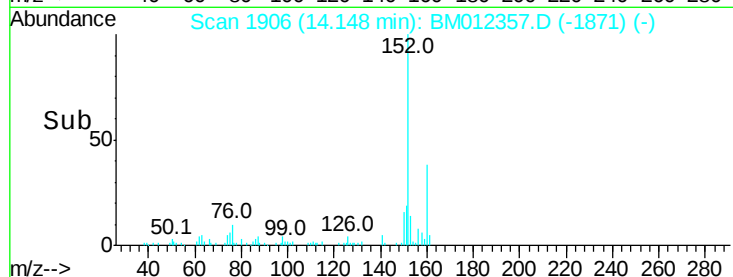
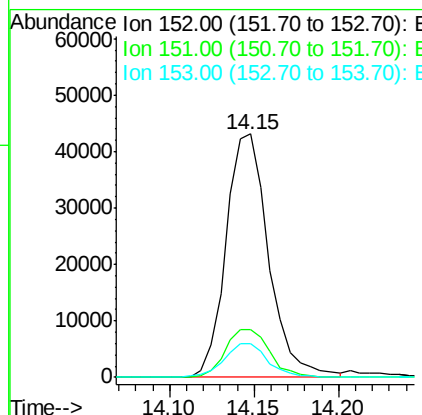
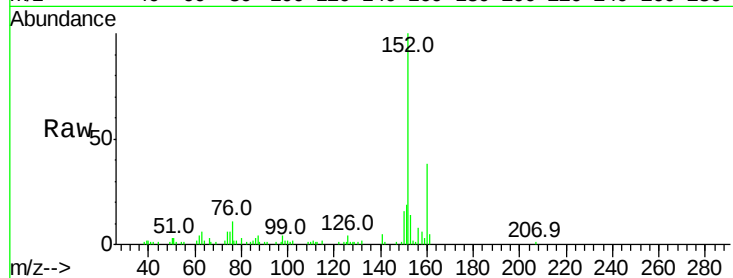
ClientSampled :

B0CM1

Tot Ion:	152	Resp:	75782
Ion Ratio	Lower	Upper	
152	100		
151	19.4	15.3	22.9
153	13.7	10.4	15.6

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#69

Phenanthrene

Concen: 6.543 ng/ul

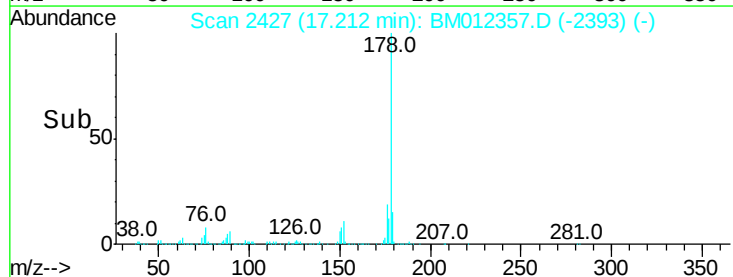
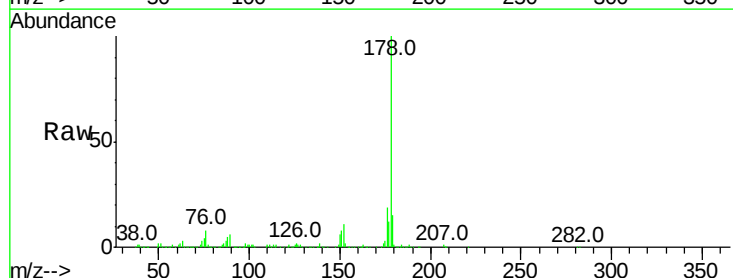
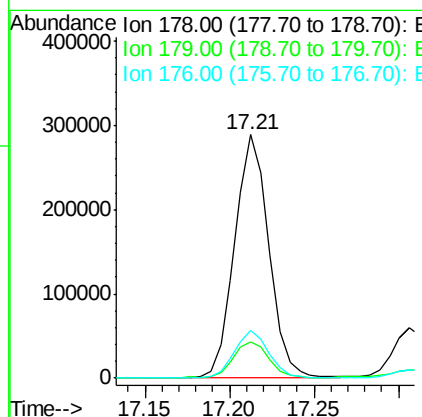
RT: 17.21 min Scan# 2427

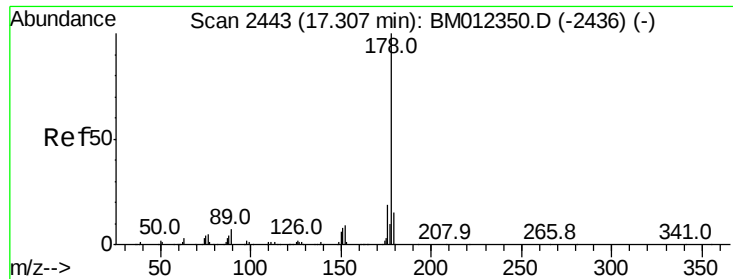
Delta R.T. -0.00 min

Lab File: BM012357.D

Acq: 21 Oct 2017 13:59

Tgt Ion:	178	Resp:	406530
Ion Ratio	Lower	Upper	
178	100		
179	14.9	12.0	18.0
176	19.4	15.0	22.6





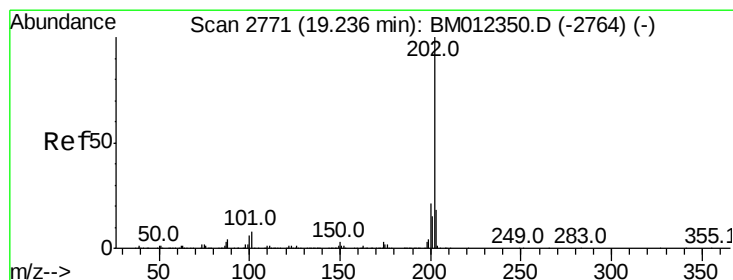
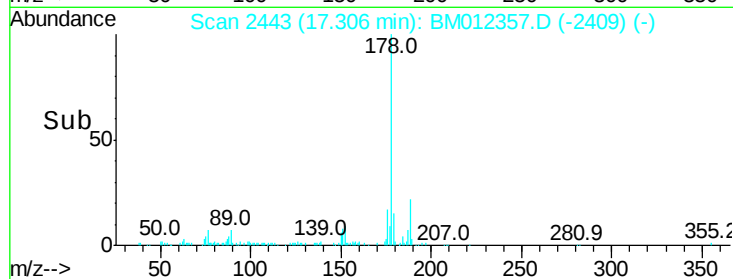
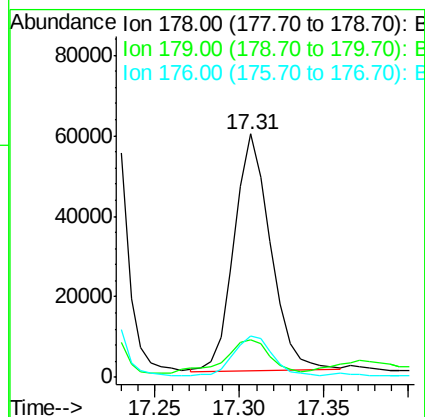
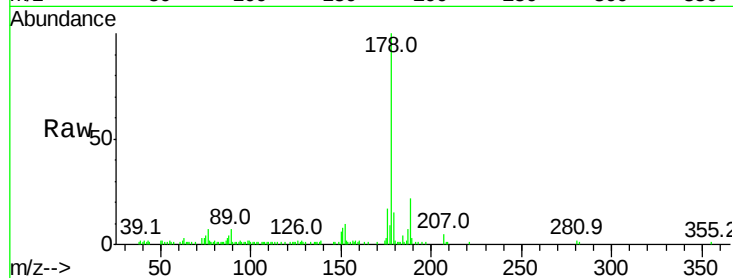
#71
 Anthracene
 Concen: 1.369 ng/ul
 RT: 17.31 min Scan# 2443
 Delta R.T. -0.00 min
 Lab File: BM012357.D
 Acq: 21 Oct 2017 13:59

Instrument :
 BNA_M
 ClientSampleId :
 B0CM1

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.2	18.4
176	17.0	14.7	22.1

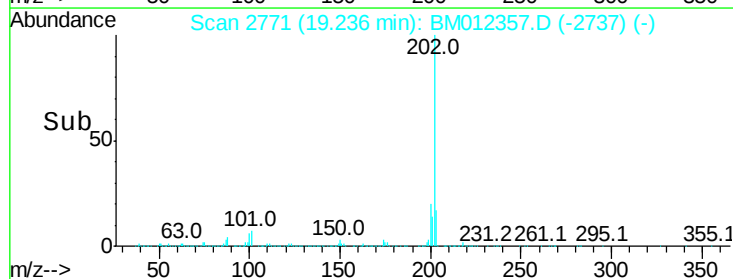
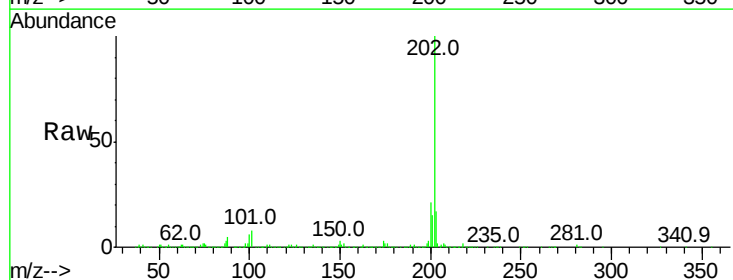
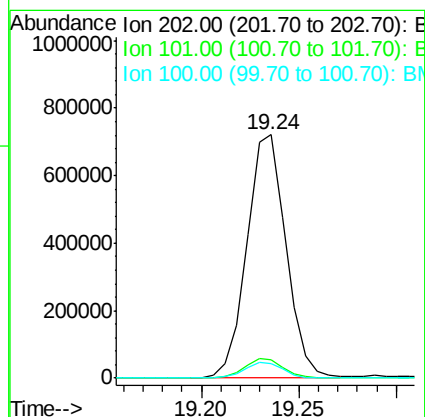
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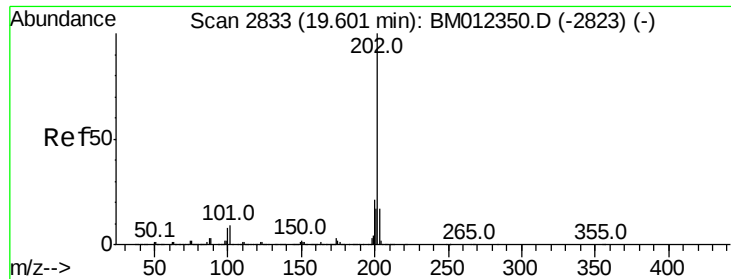
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#74
 Fluoranthene
 Concen: 13.325 ng/ul
 RT: 19.24 min Scan# 2771
 Delta R.T. -0.00 min
 Lab File: BM012357.D
 Acq: 21 Oct 2017 13:59

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.8	5.8	8.6
100	6.1	4.3	6.5





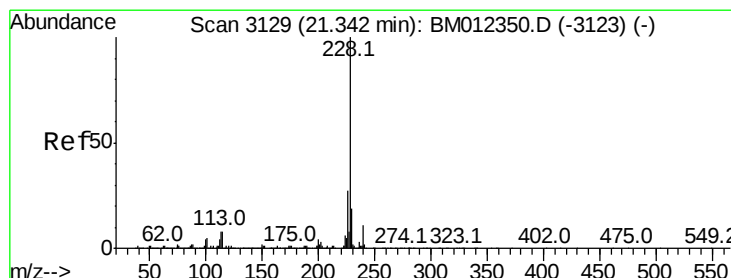
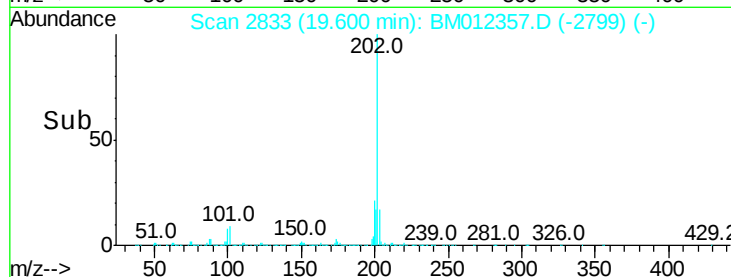
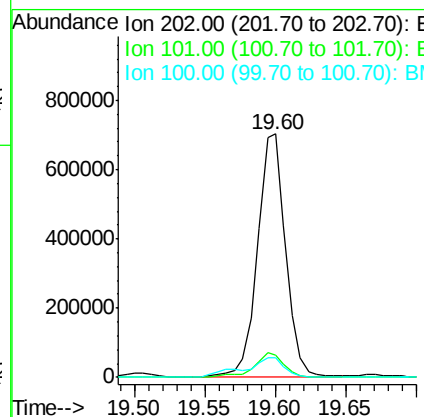
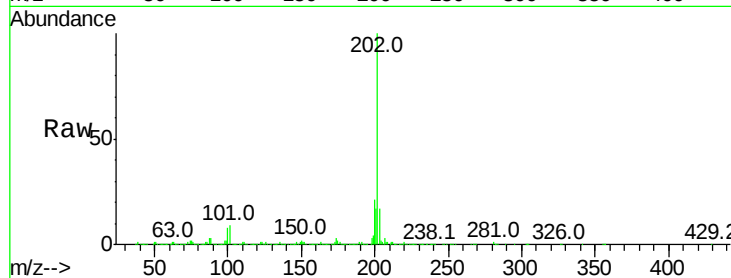
#77
Pvrene
Concen: 10.944 ng/ul
RT: 19.60 min Scan# 2833
Delta R.T. -0.00 min
Lab File: BM012357.D
Acq: 21 Oct 2017 13:59

Instrument :
BNA_M
ClientSampleId :
B0CM1

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.2	6.5	9.7
100	8.0	5.6	8.4

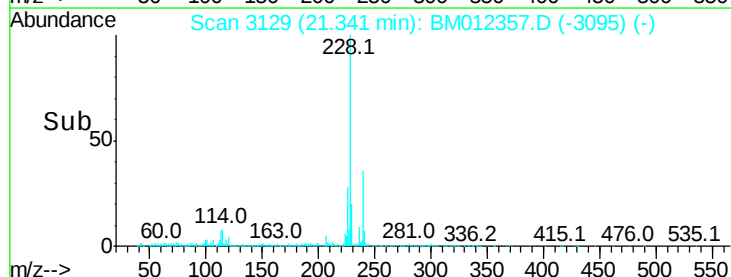
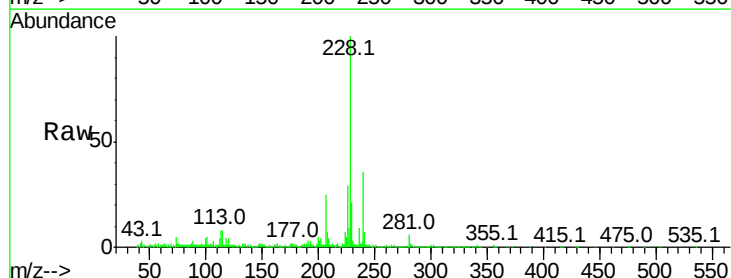
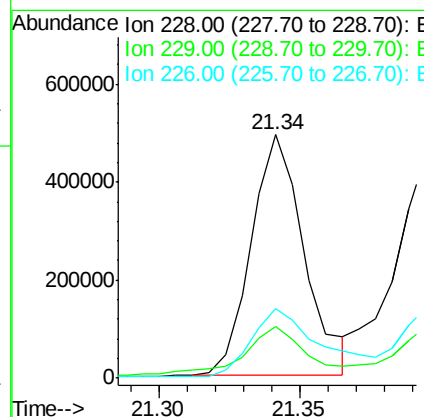
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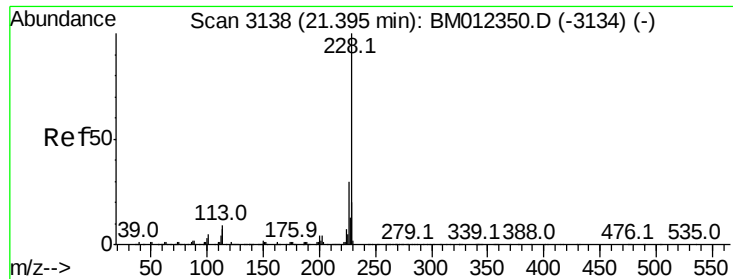
Sohil
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#80
Benzo(a)anthracene
Concen: 7.273 ng/ul
RT: 21.34 min Scan# 3129
Delta R.T. -0.00 min
Lab File: BM012357.D
Acq: 21 Oct 2017 13:59

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	21.2	15.8	23.8
226	28.6	21.4	32.2





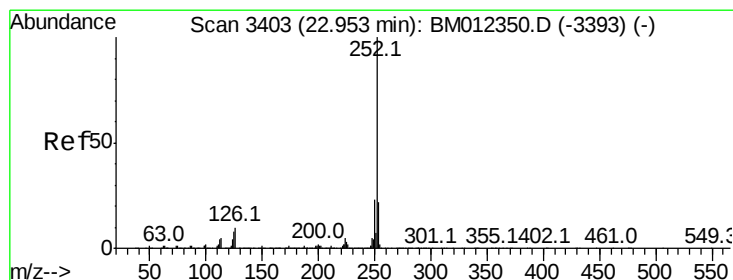
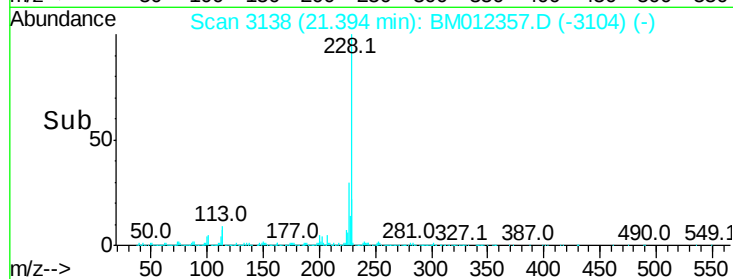
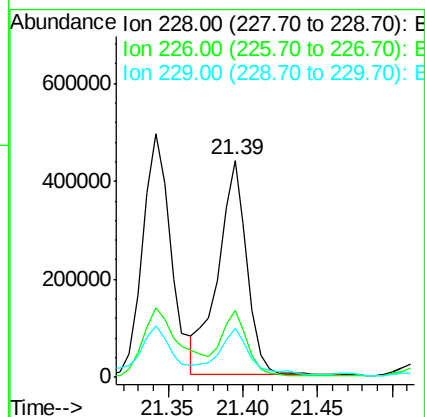
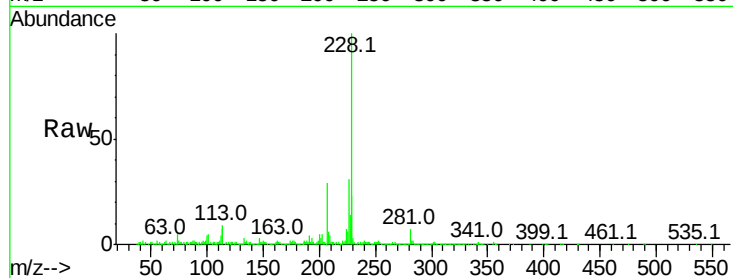
#82
Chrysene
Concen: 7.193 ng/ul
RT: 21.39 min Scan# 3138
Delta R.T. -0.00 min
Lab File: BM012357.D
Acq: 21 Oct 2017 13:59

Instrument :
BNA_M
ClientSampled :
B0CM1

Tot Ion	Ratio	Resp	Lower	Upper
228	100	596425		
226	30.8	24.0	36.0	
229	22.5	15.5	23.3	

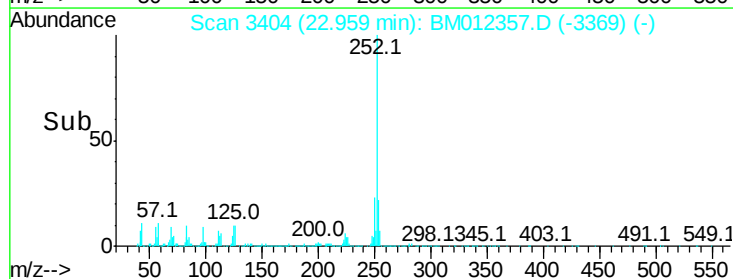
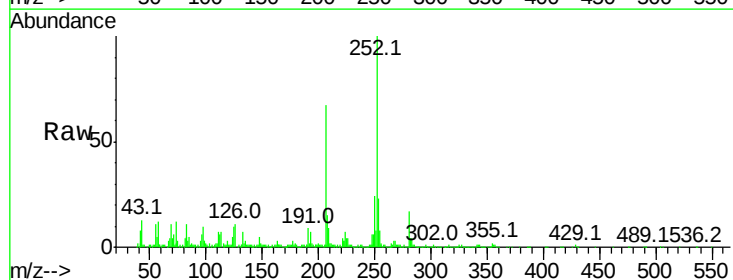
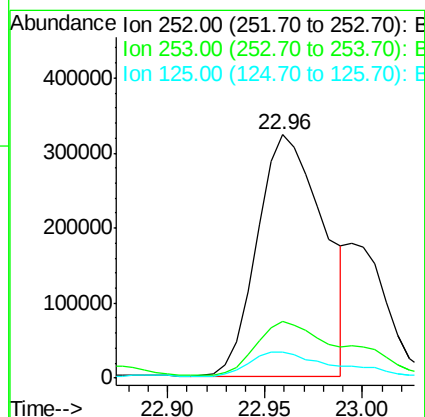
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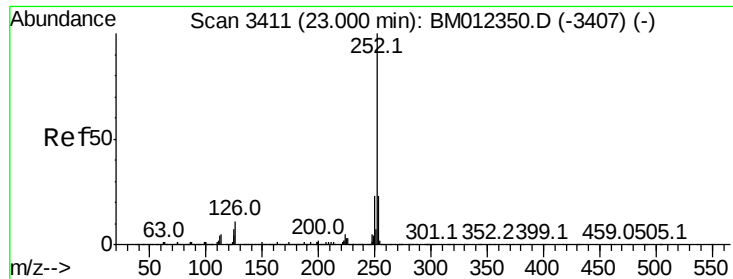
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#85
Benzo(b)fluoranthene
Concen: 9.231 ng/ul
RT: 22.96 min Scan# 3404
Delta R.T. 0.01 min
Lab File: BM012357.D
Acq: 21 Oct 2017 13:59

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	756005		
253	23.4	17.4	26.2	
125	10.4	5.1	7.7	





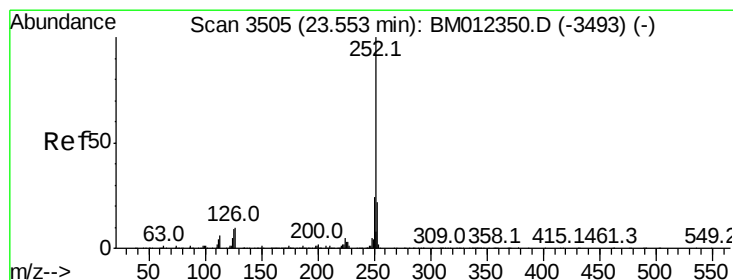
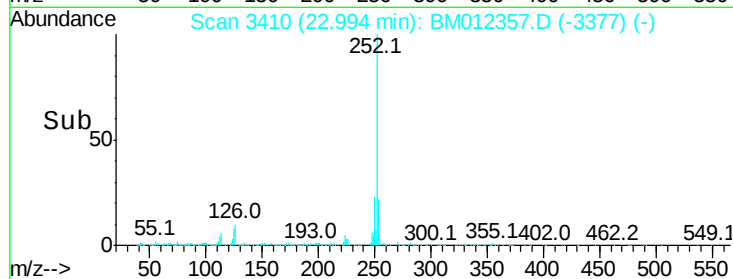
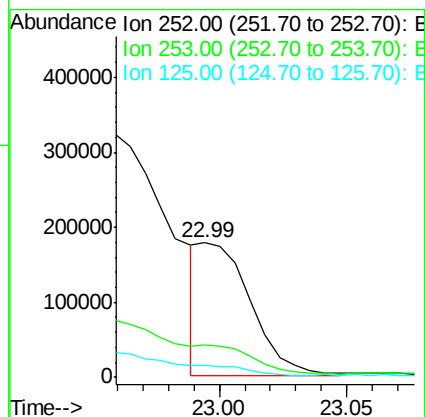
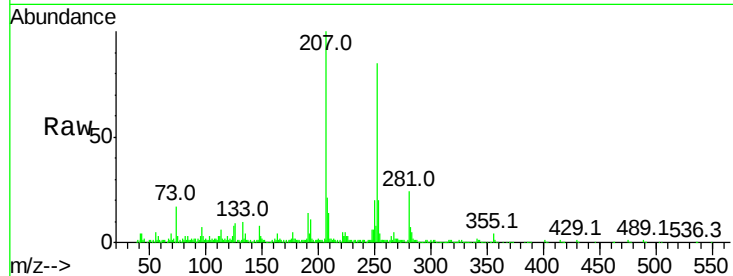
#86
Benzo(k)fluoranthene
Concen: 3.128 ng/ul m
RT: 22.99 min Scan# 3410
Delta R.T. -0.01 min
Lab File: BM012357.D
Acq: 21 Oct 2017 13:59

Instrument :
BNA_M
ClientSampled :
B0CM1

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.8	26.6
125	8.9	4.9	7.3#

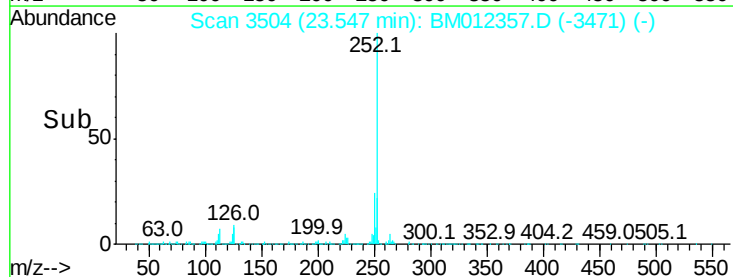
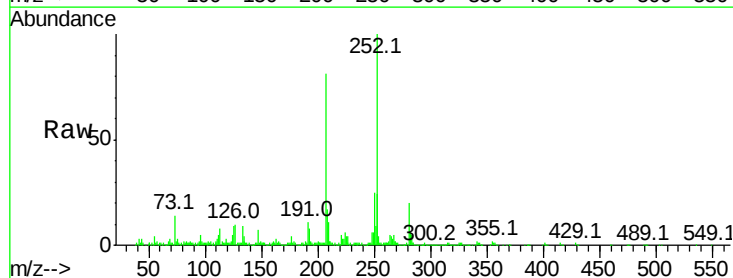
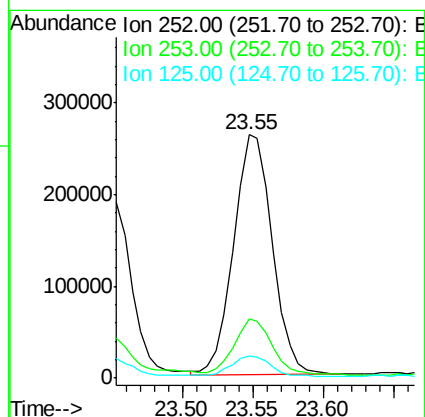
Manual Integrations
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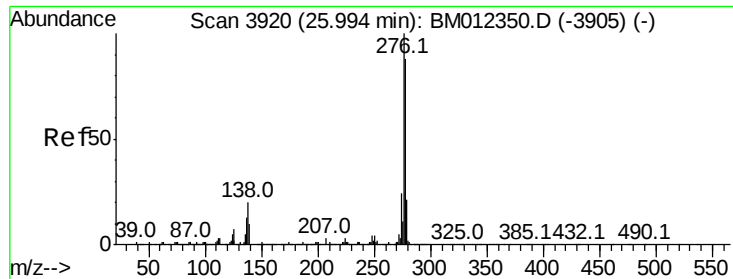
Sohil
10/23/2017 3:59:27 PM



#88
Benzo(a)pyrene
Concen: 6.463 ng/ul
RT: 23.55 min Scan# 3504
Delta R.T. -0.01 min
Lab File: BM012357.D
Acq: 21 Oct 2017 13:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.1	25.7
125	8.9	5.2	7.8#





#89

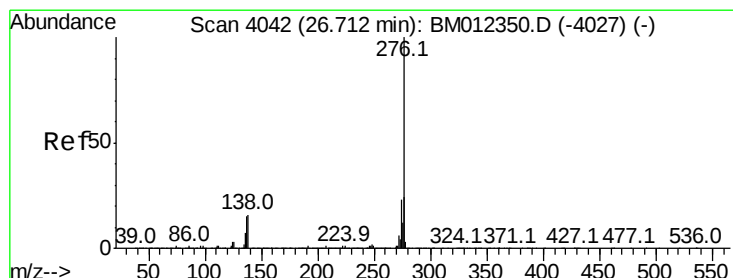
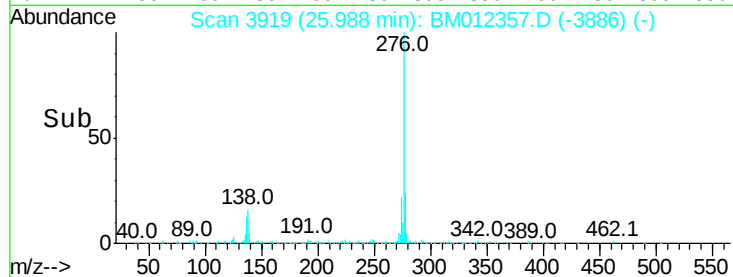
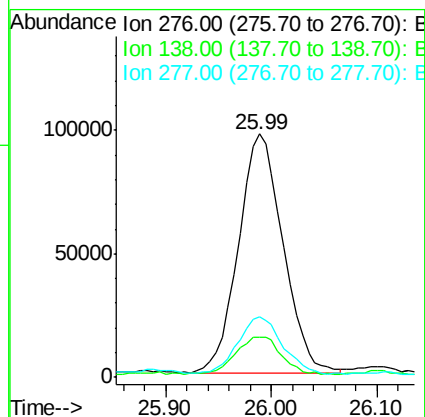
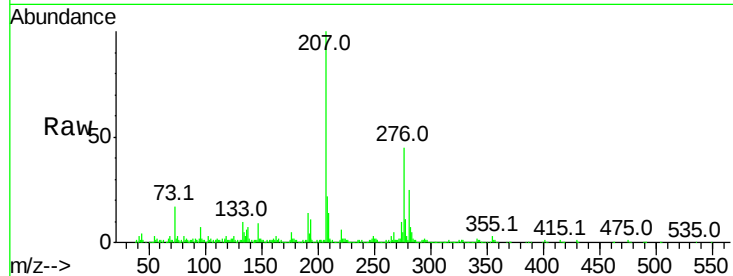
Indeno(1,2,3-cd)pyrene
Concen: 3.475 ng/ul
RT: 25.99 min Scan# 3919
Delta R.T. -0.01 min
Lab File: BM012357.D
Acq: 21 Oct 2017 13:59

Instrument :
BNA_M
ClientSampleId :
B0CM1

Tot Ion:	276	Resp:	284847
Ion Ratio	Lower	Upper	
276	100		
138	16.6	13.2	19.8
277	25.0	20.6	31.0

Manual Integrations
APPROVED

Sohil
10/23/2017 3:59:27 PM



#91

Benzo(g,h,i)perylene
Concen: 2.998 ng/ul
RT: 26.71 min Scan# 4042
Delta R.T. -0.00 min
Lab File: BM012357.D
Acq: 21 Oct 2017 13:59

Tgt Ion:	276	Resp:	201286
Ion Ratio	Lower	Upper	
276	100		
138	20.4	10.7	16.1#
277	25.7	19.0	28.4

