

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101017\
 Data File : BM012050.D
 Acq On : 10 Oct 2017 19:57
 Operator : SJ/JU
 Sample : I5669-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB3J0

Manual Integrations
 APPROVED

Sohil
 10/11/2017 7:29:13 PM

Quant Time: Oct 11 02:06:22 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 11 01:12:19 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	202300	20.00	ng/ul	0.00
18) Naphthalene-d8	10.65	136	887647	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.49	164	542748	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.23	188	1276898	20.00	ng/ul	0.00
75) Chrysene-d12	21.41	240	1630949	20.00	ng/ul	0.00
83) Perylene-d12	23.73	264	1592122	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	11529	2.70	ng/uL	0.00
5) Phenol-d5	7.00	99	192072	11.04	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	161191	15.65	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	192903	13.82	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	168642	11.21	ng/ul	0.00
19) Nitrobenzene-d5	9.01	128	97343	15.40	ng/ul	0.00
22) 2-Nitrophenol-d4	9.73	143	85263	11.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	176048	12.24	ng/ul	0.00
29) 4-Chloroaniline-d4	10.80	131	36862m	2.35	ng/ul	0.01
43) Dimethylphthalate-d6	13.90	166	603818	12.84	ng/ul	0.00
46) Acenaphthylene-d8	14.19	160	901095	16.30	ng/ul	0.00
51) 4-Nitrophenol-d4	14.76	143	790	0.10	ng/ul	0.06
57) Fluorene-d10	15.48	176	673008	16.21	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.62	200	9568	1.11	ng/ul	0.00
70) Anthracene-d10	17.33	188	1014887	16.13	ng/ul	0.00
76) Pyrene-d10	19.63	212	1264189	17.18	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.58	264	1100098	14.36	ng/ul	0.00

Target Compounds

					Ovalue	
28) Naphthalene	10.70	128	99935	2.244	ng/ul	100
34) 2-Methylnaphthalene	12.31	142	46150	1.359	ng/ul	99
44) Dimethylphthalate	13.95	163	162814	3.598	ng/ul	99
69) Phenanthrene	17.27	178	848886	12.086	ng/ul	98
71) Anthracene	17.37	178	172859	2.419	ng/ul	96
74) Fluoranthene	19.29	202	1552159	18.112	ng/ul#	91
77) Pyrene	19.65	202	1339364	14.811	ng/ul#	89
80) Benzo(a)anthracene	21.39	228	860491	9.210	ng/ul	99
82) Chrysene	21.44	228	810147	9.126	ng/ul	99
85) Benzo(b)fluoranthene	23.03	252	1080785	11.168	ng/ul#	96
86) Benzo(k)fluoranthene	23.06	252	357931m	3.705	ng/ul	
88) Benzo(a)pyrene	23.63	252	645832	6.945	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	26.09	276	361498	3.633	ng/ul#	95
90) Dibenzo(a,h)anthracene	26.09	278	107656	1.317	ng/ul#	84
91) Benzo(g,h,i)perylene	26.82	276	295883	3.595	ng/ul#	96

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

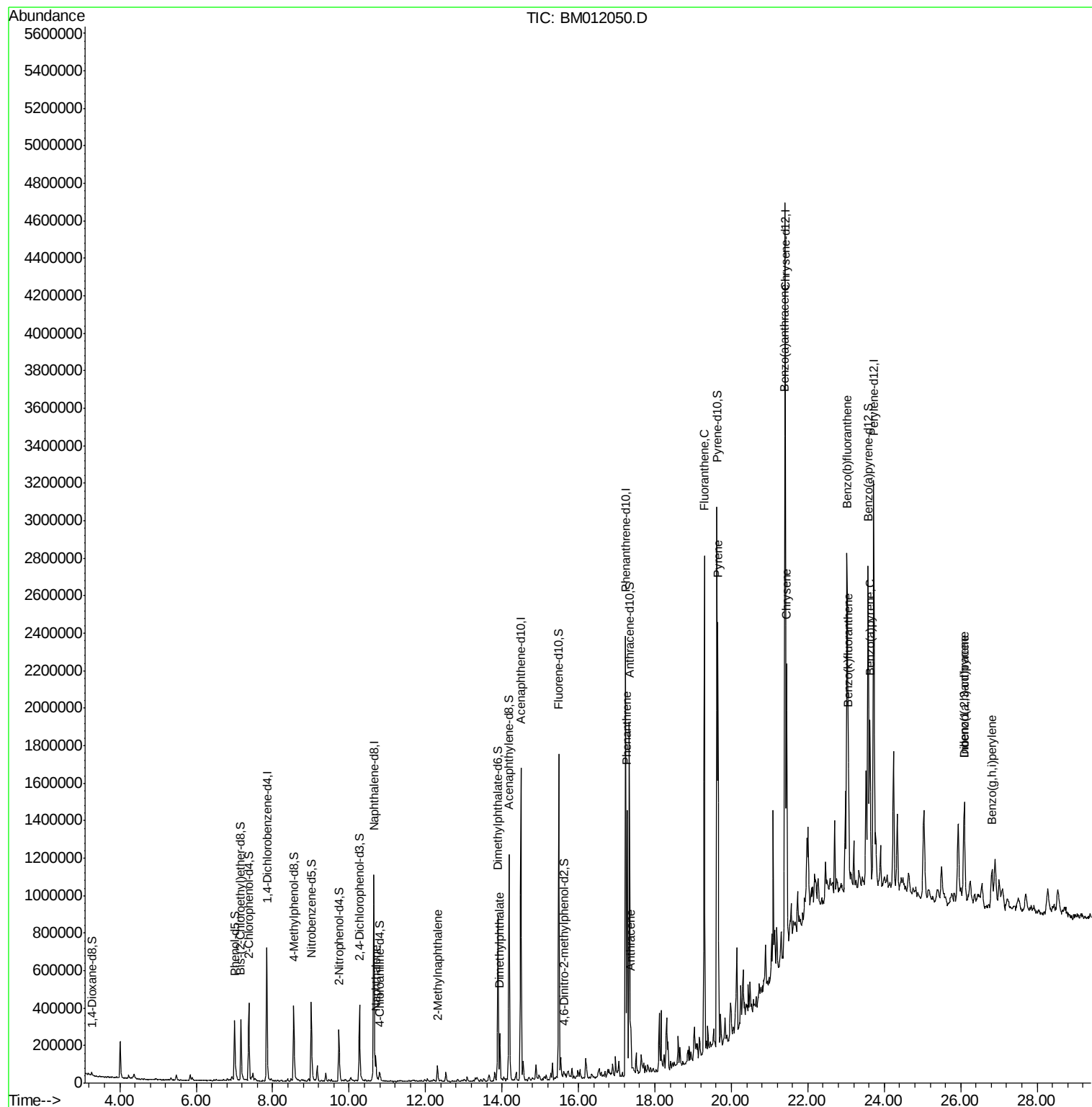
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Data File : BM012050.D
Acq On : 10 Oct 2017 19:57
Operator : SJ/JU
Sample : I5669-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

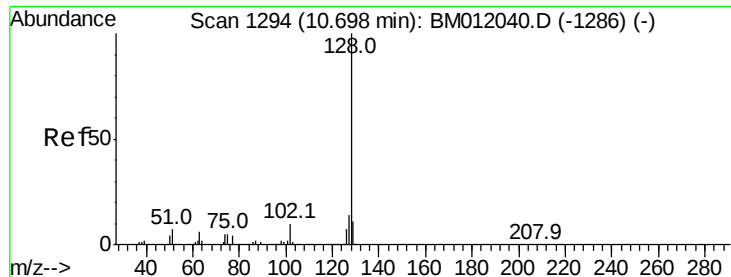
Instrument :
BNA_M
ClientSampleId :
CB3J0

Manual Integrations
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Quant Time: Oct 11 02:06:22 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 11 01:12:19 2017
Response via : Initial Calibration





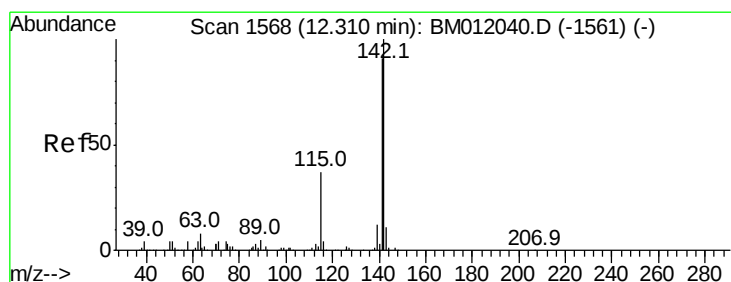
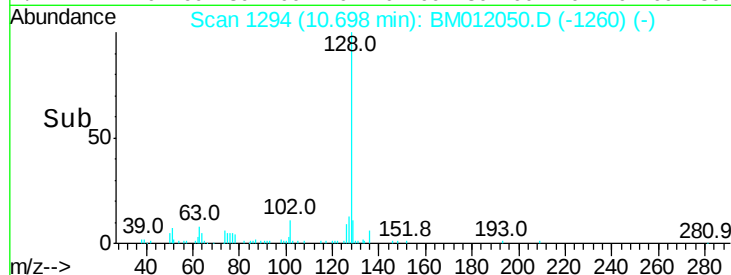
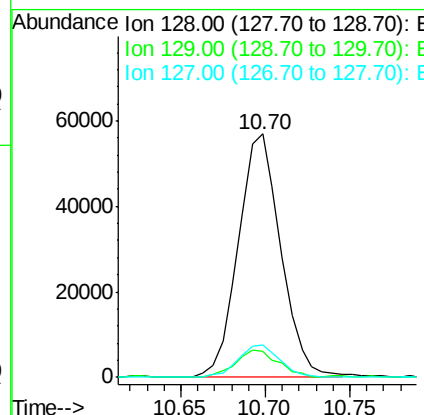
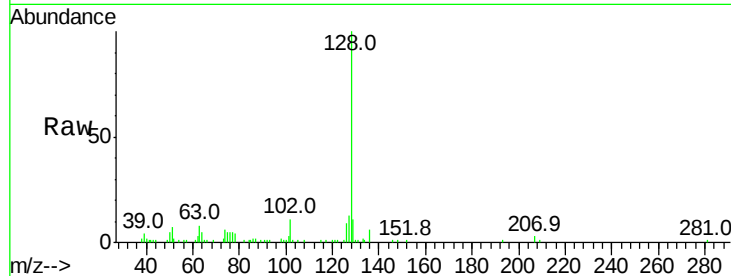
#28
Naphthalene
Concen: 2.244 ng/ul
RT: 10.70 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BM012050.D
Acq: 10 Oct 2017 19:57

Instrument :
BNA_M
ClientSampled :
CB3J0

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	10.8	8.8	13.2	
127	13.4	10.6	16.0	

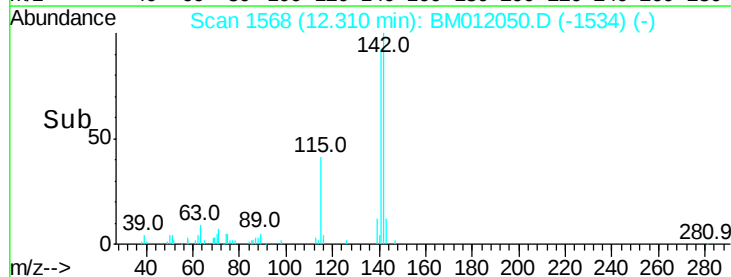
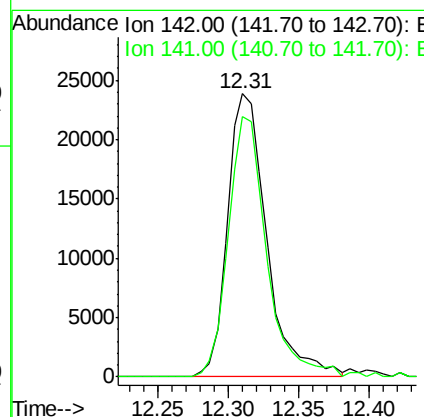
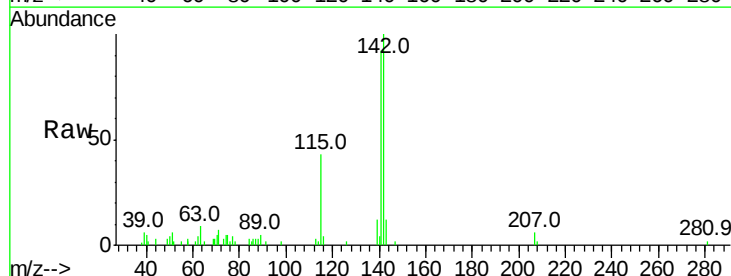
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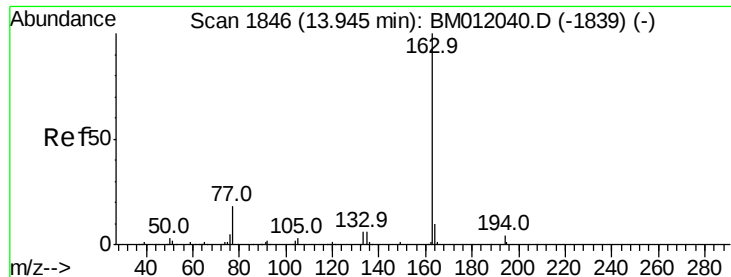
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#34
2-Methylnaphthalene
Concen: 1.359 ng/ul
RT: 12.31 min Scan# 1568
Delta R.T. 0.00 min
Lab File: BM012050.D
Acq: 10 Oct 2017 19:57

Tgt Ion	Ratio	Resp	Lower	Upper
142	100			
141	92.0	74.1	111.1	





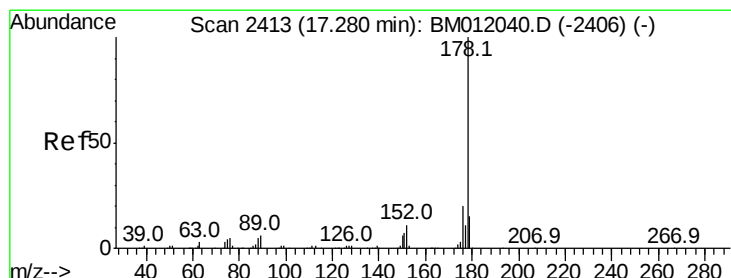
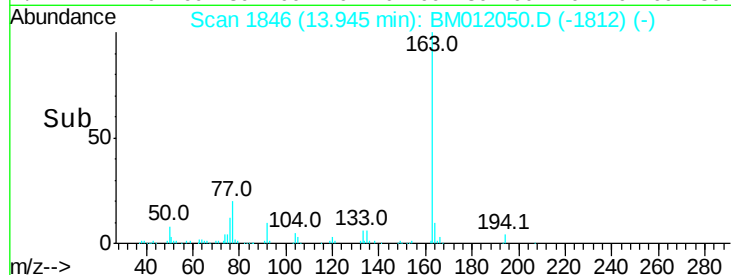
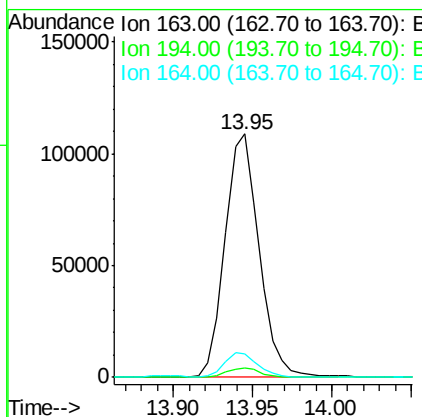
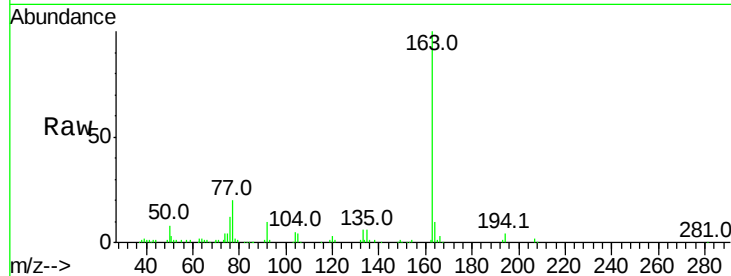
#44
Dimethylphthalate
Concen: 3.598 ng/ul
RT: 13.95 min Scan# 1846
Delta R.T. 0.00 min
Lab File: BM012050.D
Acq: 10 Oct 2017 19:57

Instrument :
BNA_M
ClientSampleID :
CB3J0

Tot Ion	Ratio	Resp	Lower	Upper
163	100	162814		
194	4.1	3.5	5.3	
164	9.8	8.2	12.4	

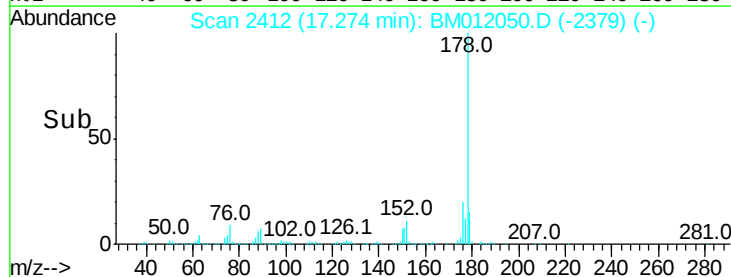
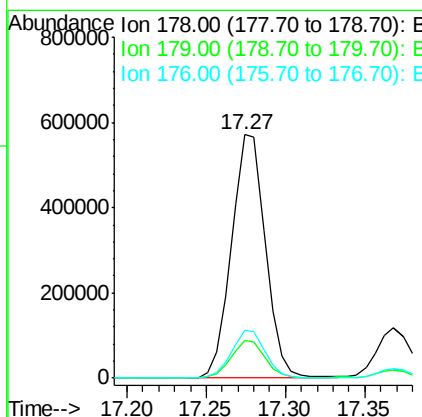
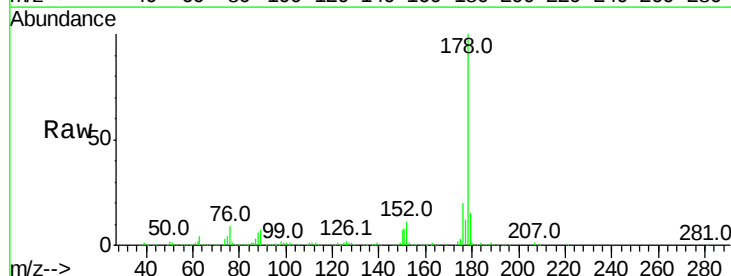
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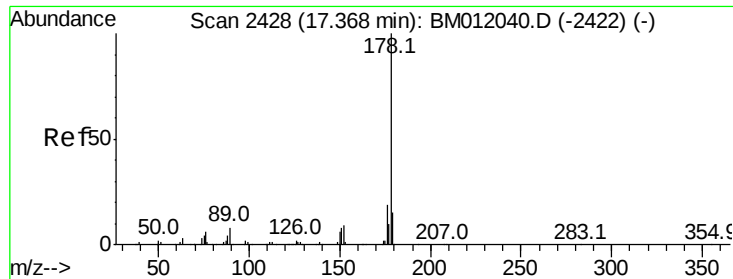
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#69
Phenanthrene
Concen: 12.086 ng/ul
RT: 17.27 min Scan# 2412
Delta R.T. -0.01 min
Lab File: BM012050.D
Acq: 10 Oct 2017 19:57

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	848886		
179	15.3	12.6	19.0	
176	19.6	14.9	22.3	





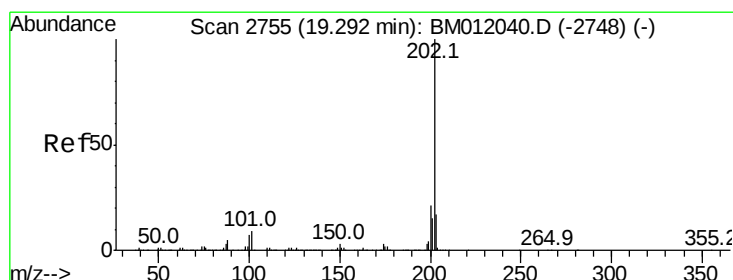
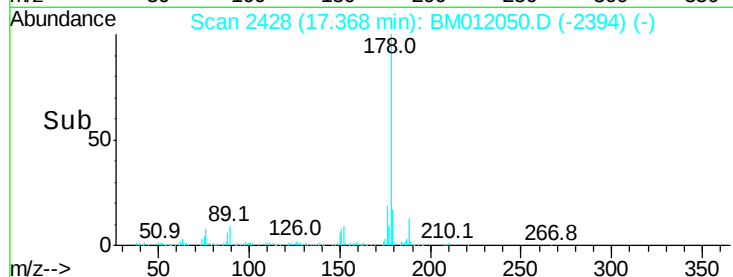
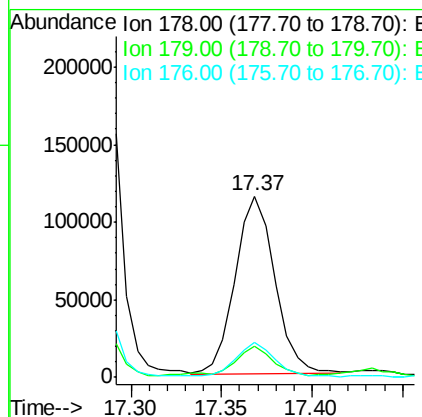
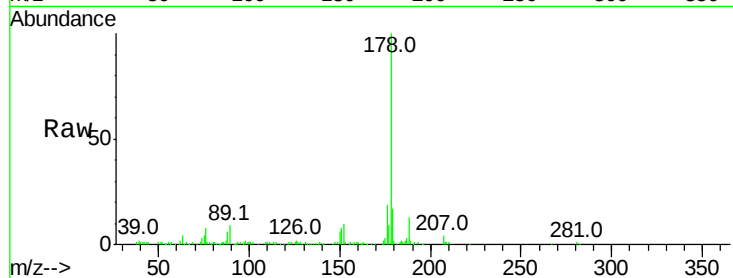
#71
 Anthracene
 Concen: 2.419 ng/ul
 RT: 17.37 min Scan# 2428
 Delta R.T. 0.00 min
 Lab File: BM012050.D
 Acq: 10 Oct 2017 19:57

Instrument :
 BNA_M
 ClientSampleId :
 CB3J0

Tot Ion	Ratio	Lower	Upper
178	100		
179	17.3	11.7	17.5
176	19.1	14.6	21.8

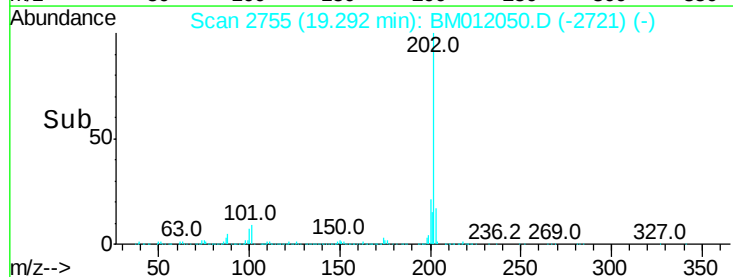
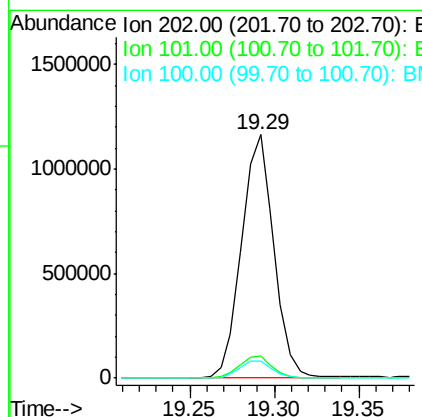
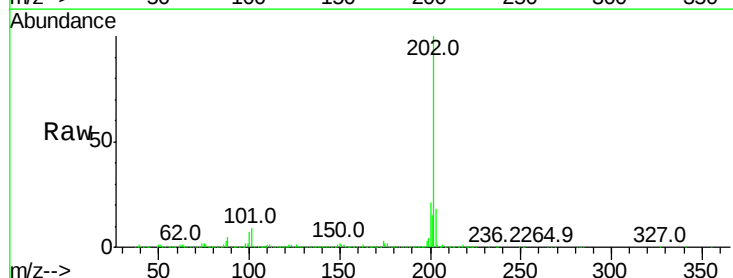
Manual Integrations
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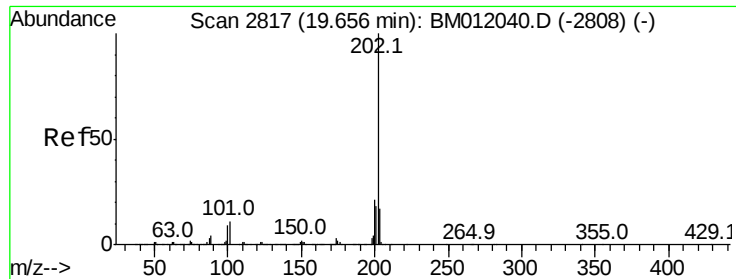
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#74
 Fluoranthene
 Concen: 18.112 ng/ul
 RT: 19.29 min Scan# 2755
 Delta R.T. 0.00 min
 Lab File: BM012050.D
 Acq: 10 Oct 2017 19:57

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.0	4.6	7.0#
100	7.1	3.4	5.2#





#77

Pvrene

Concen: 14.811 ng/ul

RT: 19.65 min Scan# 2816

Delta R.T. -0.01 min

Lab File: BM012050.D

Acq: 10 Oct 2017 19:57

Instrument :

BNA_M

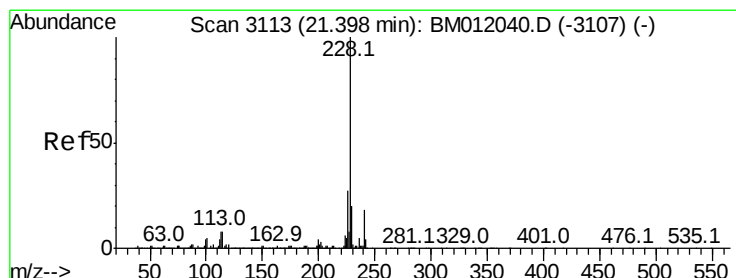
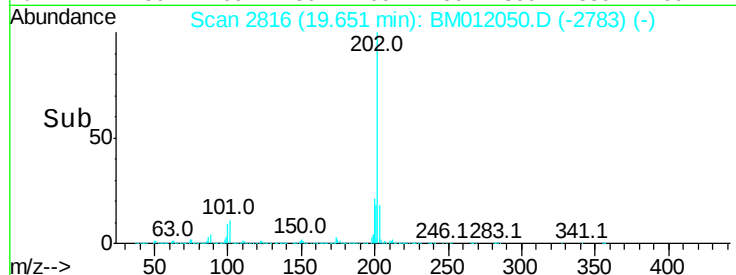
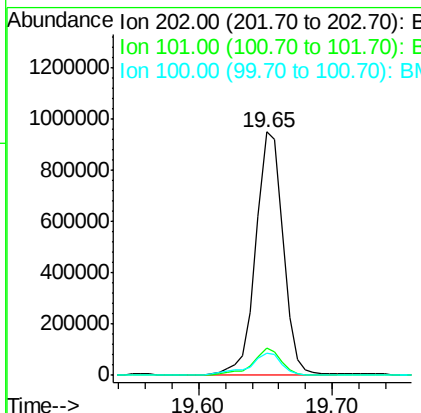
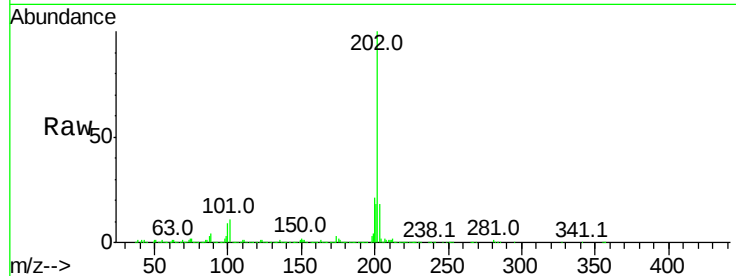
ClientSampleId :

CB3J0

Tot Ion:	202	Resp:	1339364
Ion Ratio	Lower	Upper	
202	100		
101	11.0	5.1	7.7#
100	9.2	4.9	7.3#

Manual Integrations
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#80

Benzo(a)anthracene

Concen: 9.210 ng/ul

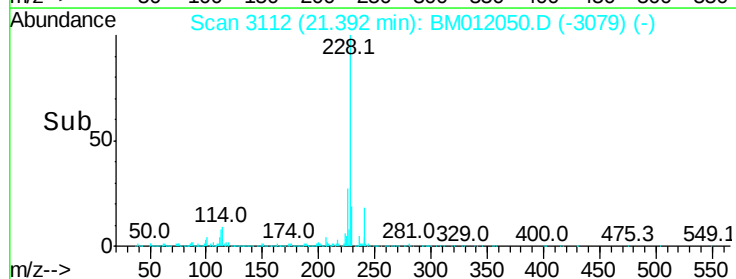
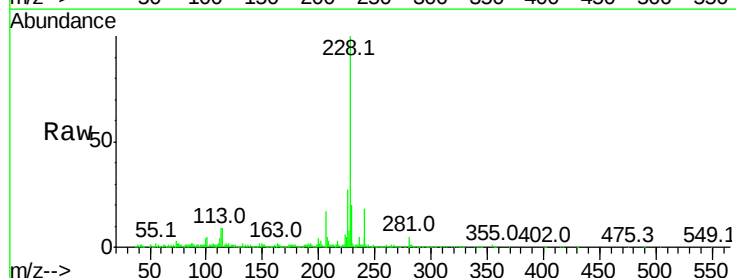
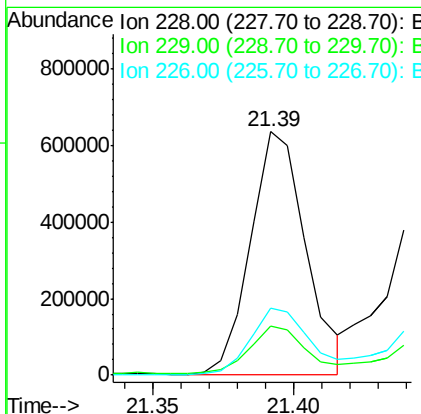
RT: 21.39 min Scan# 3112

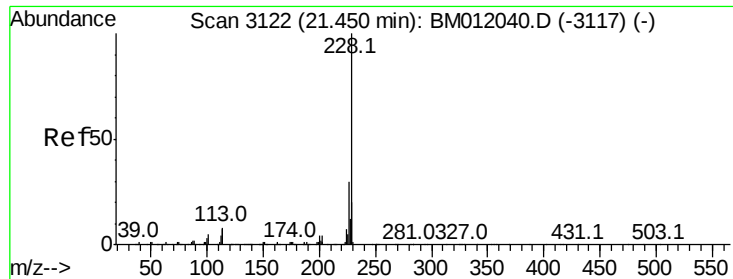
Delta R.T. -0.01 min

Lab File: BM012050.D

Acq: 10 Oct 2017 19:57

Tgt Ion:	228	Resp:	860491
Ion Ratio	Lower	Upper	
228	100		
229	20.0	15.4	23.0
226	27.4	21.4	32.0





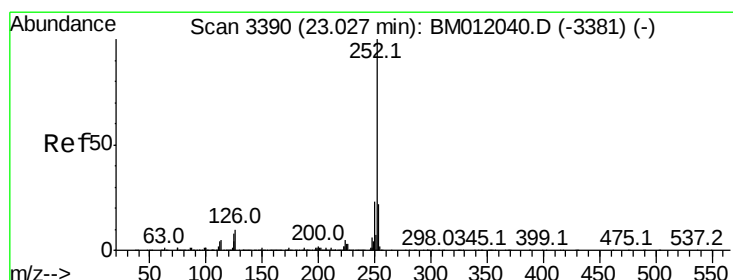
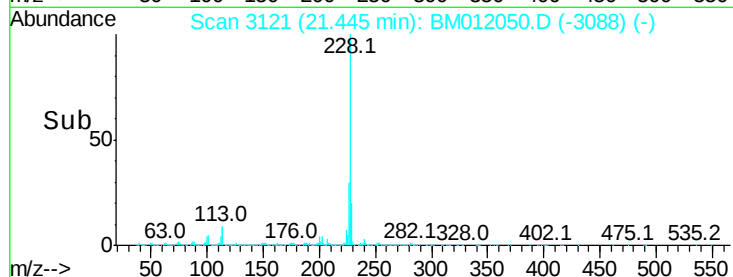
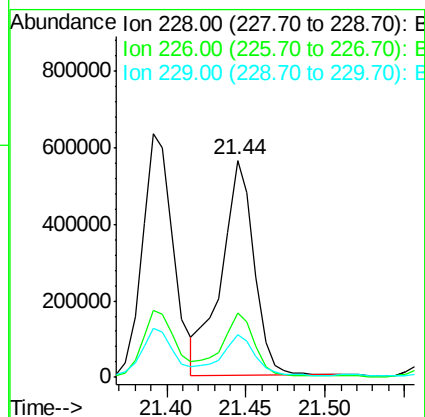
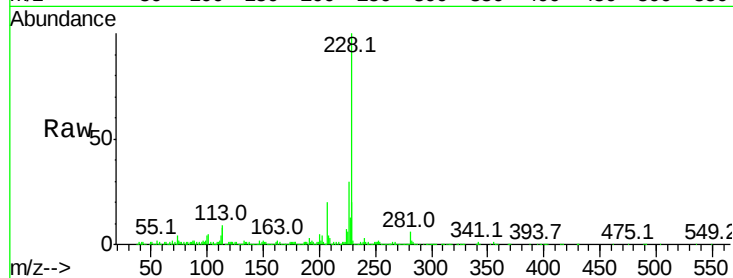
#82
Chrysene
Concen: 9.126 ng/ul
RT: 21.44 min Scan# 3121
Delta R.T. -0.01 min
Lab File: BM012050.D
Acq: 10 Oct 2017 19:57

Instrument :
BNA_M
ClientSampleId :
CB3J0

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.4	35.2
229	19.9	15.5	23.3

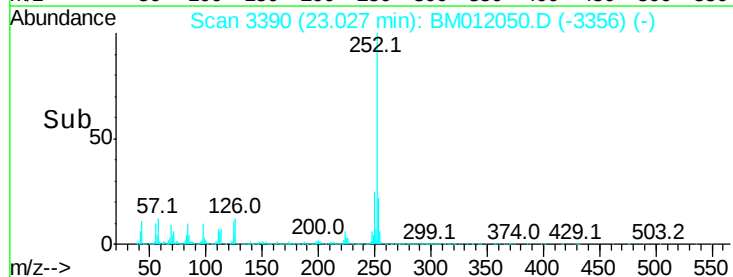
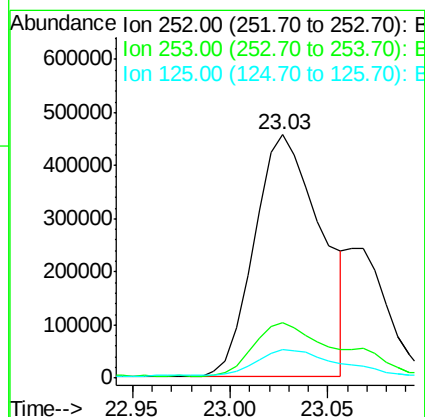
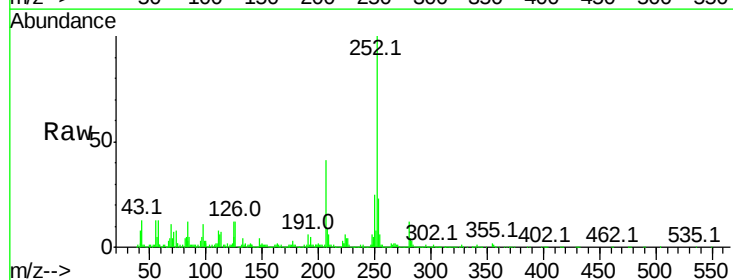
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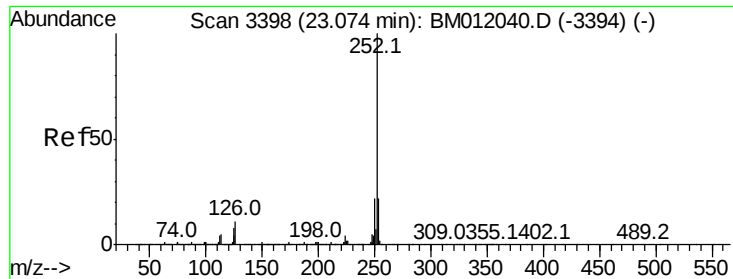
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#85
Benzo(b)fluoranthene
Concen: 11.168 ng/ul
RT: 23.03 min Scan# 3390
Delta R.T. 0.00 min
Lab File: BM012050.D
Acq: 10 Oct 2017 19:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.9	26.9
125	11.7	3.6	5.4





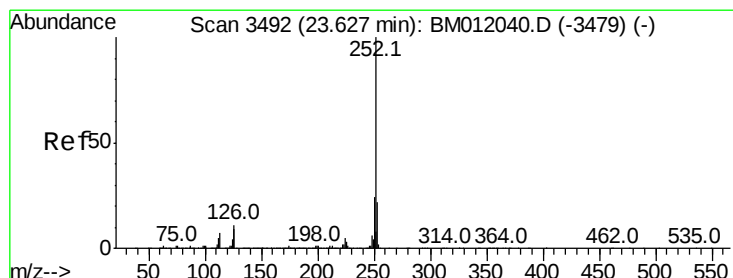
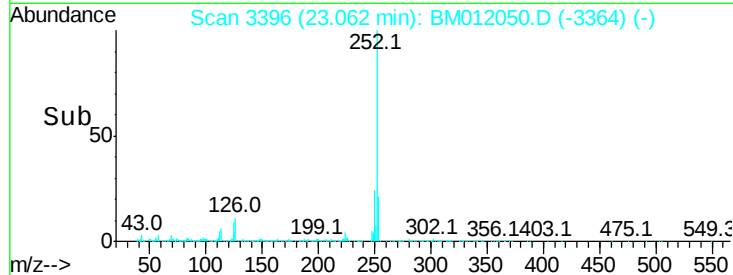
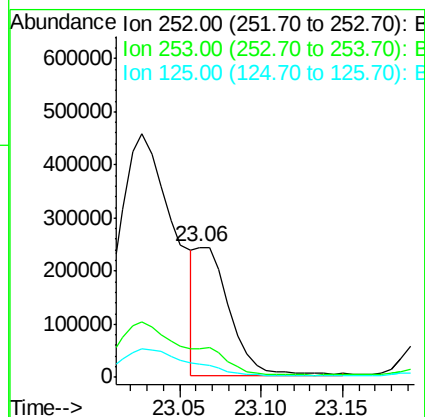
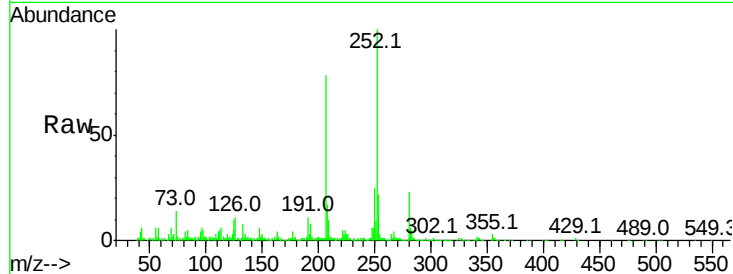
#86
Benzo(k)fluoranthene
Concen: 3.705 ng/ul m
RT: 23.06 min Scan# 3396
Delta R.T. -0.01 min
Lab File: BM012050.D
Acq: 10 Oct 2017 19:57

Instrument :
BNA_M
ClientSampleId :
CB3J0

Tot Ion	Ratio	Resp	Lower	Upper
252	100	357931		
253	21.9	17.1	25.7	
125	10.0	3.4	5.2	

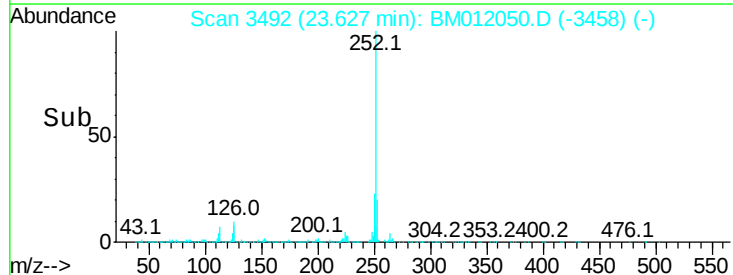
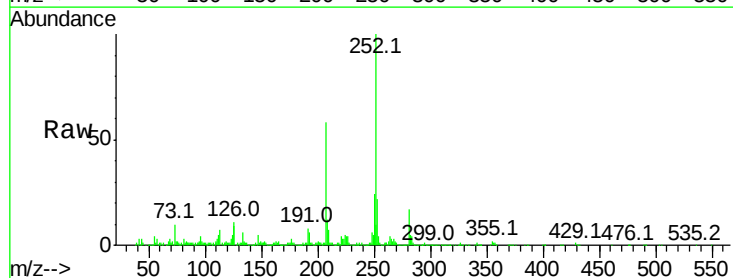
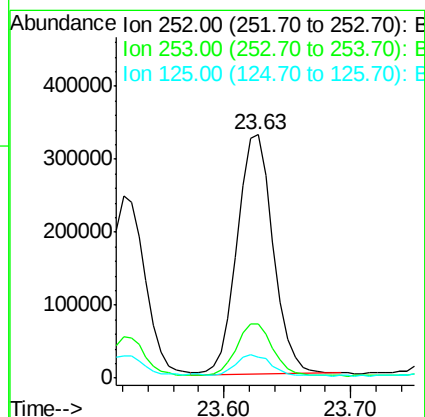
Manual Integrations
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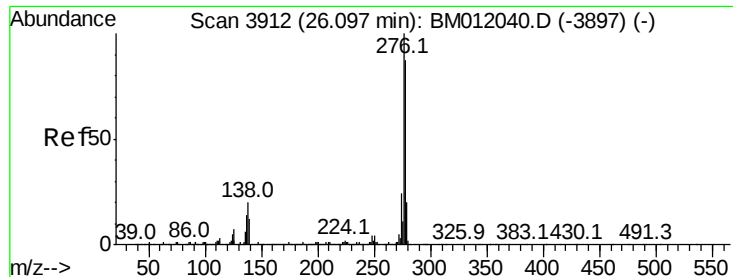
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#88
Benzo(a)pyrene
Concen: 6.945 ng/ul
RT: 23.63 min Scan# 3492
Delta R.T. 0.00 min
Lab File: BM012050.D
Acq: 10 Oct 2017 19:57

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	645832		
253	22.3	18.2	27.2	
125	8.7	4.0	6.0	





#89

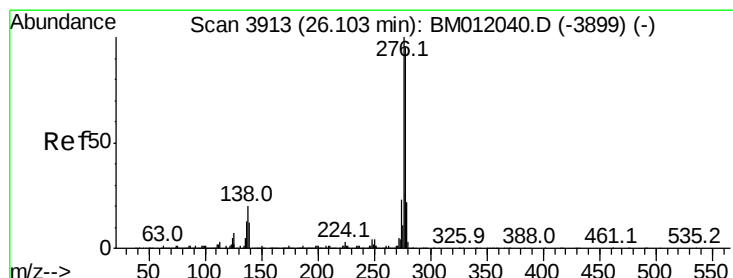
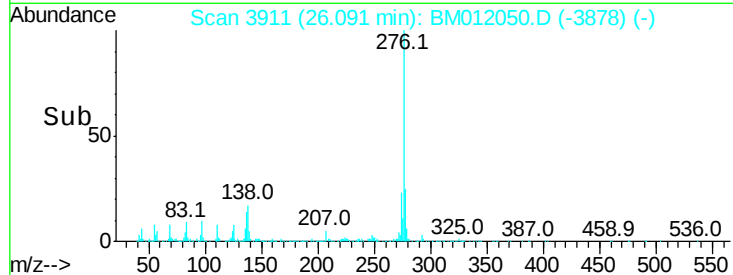
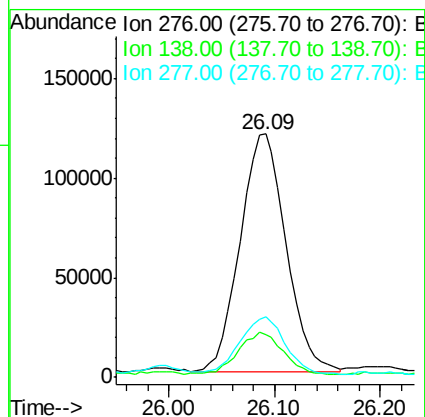
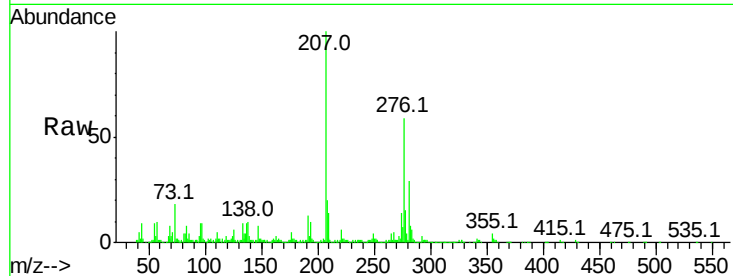
Indeno(1,2,3-cd)pyrene
Concen: 3.633 ng/ul
RT: 26.09 min Scan# 3911
Delta R.T. -0.01 min
Lab File: BM012050.D
Acq: 10 Oct 2017 19:57

Instrument :
BNA_M
ClientSampleId :
CB3J0

Tot Ion	Ratio	Lower	Upper
276	100		
138	17.7	9.3	13.9#
277	24.8	19.9	29.9

Manual Integrations
APPROVED

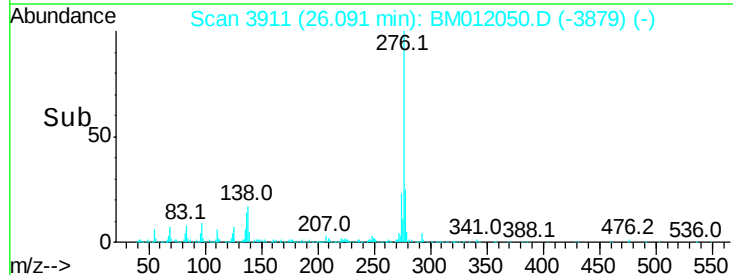
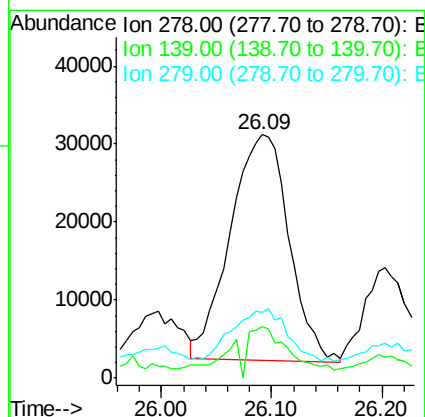
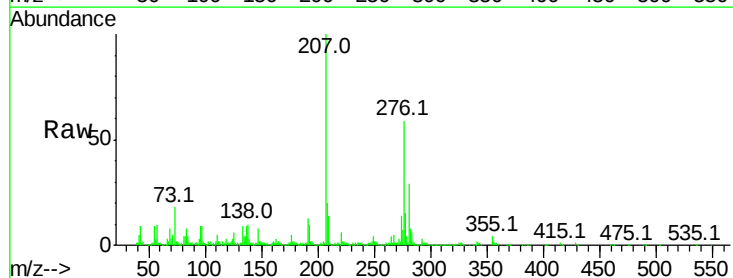
Sohil
10/11/2017 7:29:13 PM

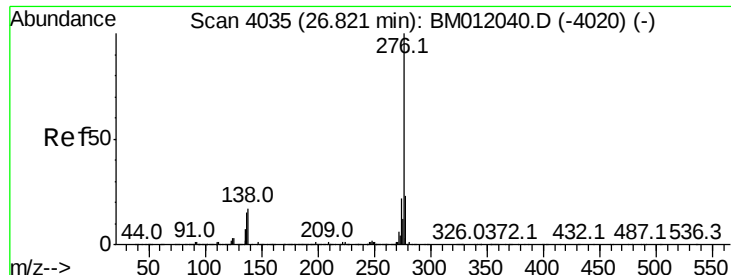


#90

Dibenzo(a,h)anthracene
Concen: 1.317 ng/ul
RT: 26.09 min Scan# 3911
Delta R.T. -0.01 min
Lab File: BM012050.D
Acq: 10 Oct 2017 19:57

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.4	5.8	8.8#
279	27.2	18.6	27.8





#91
 Benzo(a,h,i)perylene
 Concen: 3.595 ng/ul
 RT: 26.82 min Scan# 4035
 Delta R.T. 0.00 min
 Lab File: BM012050.D
 Acq: 10 Oct 2017 19:57

Instrument :
 BNA_M
 ClientSampleId :
 CB3J0

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.5	8.5	12.7#
277	23.2	18.6	28.0

Manual Integrations
 APPROVED

Sohil
 10/11/2017 7:29:13 PM

