

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
 Data File : BM012119.D
 Acq On : 13 Oct 2017 03:28
 Operator : SJ/JU
 Sample : I5490-09
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-58(1-2)-092717

Manual Integrations
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Quant Time: Oct 13 05:47:08 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 13 04:53:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	325310	20.00	ng/ul	0.01
18) Naphthalene-d8	10.65	136	1249290	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.49	164	636151	20.00	ng/ul	0.01
61) Phenanthrene-d10	17.24	188	1217682	20.00	ng/ul	0.01
75) Chrysene-d12	21.42	240	1518501	20.00	ng/ul	0.02
83) Perylene-d12	23.76	264	1732511	20.00	ng/ul	0.04

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	26875	3.93	ng/uL	0.00
5) Phenol-d5	7.01	99	556739	21.09	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.17	67	364968	23.06	ng/ul	0.01
9) 2-Chlorophenol-d4	7.37	132	497285	22.21	ng/ul	0.02
13) 4-Methylphenol-d8	8.55	113	424870	18.70	ng/ul	0.01
19) Nitrobenzene-d5	9.01	128	233120	24.45	ng/ul	0.01
22) 2-Nitrophenol-d4	9.73	143	249926	22.44	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.27	165	460247	21.64	ng/ul	0.02
29) 4-Chloroaniline-d4	10.79	131	299757	15.06	ng/ul	0.01
43) Dimethylphthalate-d6	13.90	166	1366765	24.31	ng/ul	0.01
46) Acenaphthylene-d8	14.19	160	1654167	24.30	ng/ul	0.01
51) 4-Nitrophenol-d4	14.72	143	97648m	11.55	ng/ul	0.03
57) Fluorene-d10	15.49	176	1051312	22.78	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.63	200	31614	3.78	ng/ul	0.02
70) Anthracene-d10	17.34	188	1492331	24.79	ng/ul	0.02
76) Pyrene-d10	19.63	212	1660730	21.54	ng/ul	0.02
87) Benzo(a)pyrene-d12	23.61	264	2034090	24.35	ng/ul	0.04

Target Compounds

						Qvalue
14) Acetophenone	8.67	105	700705	20.29	ng/ul	91
28) Naphthalene	10.70	128	509192	7.88	ng/ul	99
34) 2-Methylnaphthalene	12.31	142	171009	3.51	ng/ul	98
44) Dimethylphthalate	13.94	163	560467	9.95	ng/ul	99
69) Phenanthrene	17.28	178	206213	2.98	ng/ul	97
74) Fluoranthene	19.30	202	472580	5.65	ng/ul#	91
77) Pyrene	19.66	202	463483	4.62	ng/ul#	89
80) Benzo(a)anthracene	21.40	228	334870	3.39	ng/ul#	80
81) Bis(2-ethylhexyl)phthalate	21.31	149	74653	1.11	ng/ul#	72
82) Chrysene	21.46	228	530933	5.72	ng/ul#	84
85) Benzo(b)fluoranthene	23.05	252	662866	5.86	ng/ul#	66
86) Benzo(k)fluoranthene	23.09	252	181824m	1.67	ng/ul	
88) Benzo(a)pyrene	23.66	252	384622	3.61	ng/ul#	56
89) Indeno(1,2,3-cd)pyrene	26.16	276	302643	2.67	ng/ul#	64
91) Benzo(g,h,i)perylene	26.90	276	325689	3.51	ng/ul#	64

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

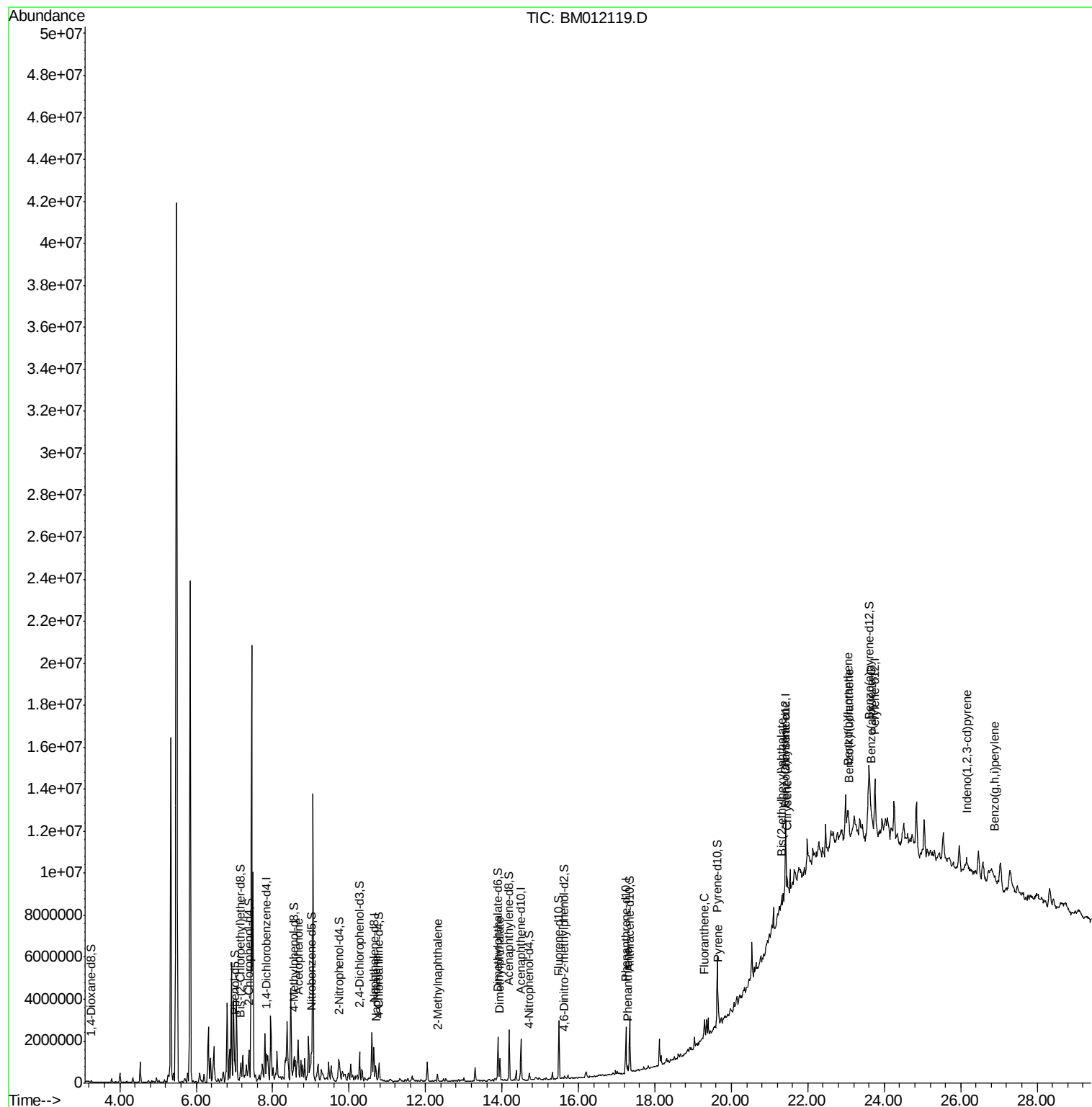
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012119.D
Acq On : 13 Oct 2017 03:28
Operator : SJ/JU
Sample : I5490-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

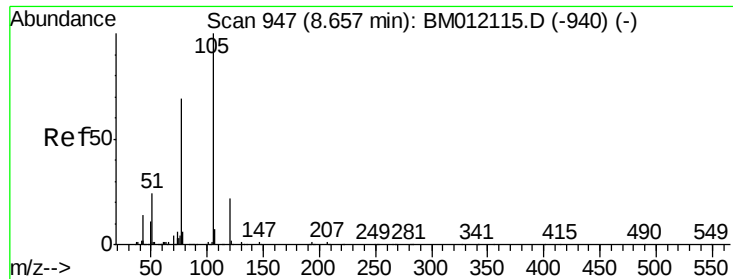
Instrument :
BNA_M
ClientSampleId :
B-58(1-2)-092717

Quant Time: Oct 13 05:47:08 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 13 04:53:53 2017
Response via : Initial Calibration

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#14

Acetophenone

Concen: 20.29 ng/ul

RT: 8.67 min Scan# 949

Delta R.T. 0.01 min

Lab File: BM012119.D

Acq: 13 Oct 2017 03:28

Instrument :

BNA_M

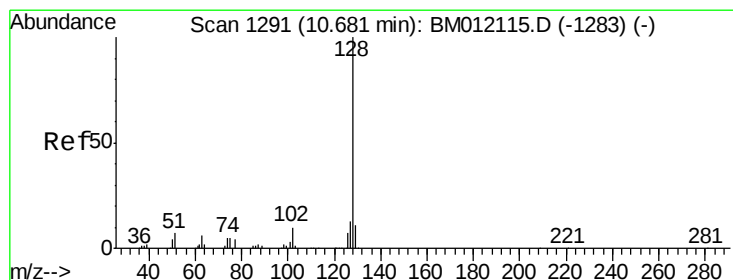
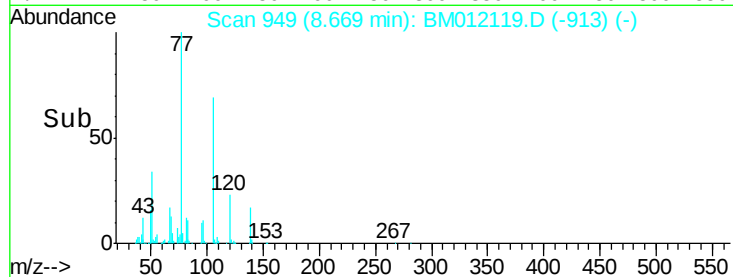
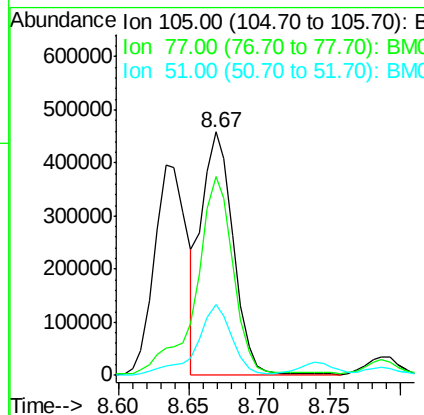
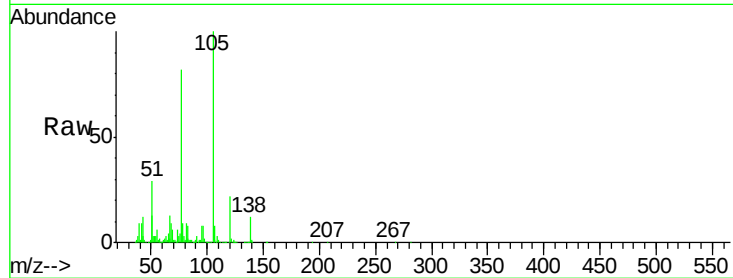
ClientSampleId :

B-58(1-2)-092717

Tgt	Ion	105	Resp:	700705
Ion	Ratio	Lower	Upper	
105	100			
77	81.7	74.2	111.4	
51	28.8	23.4	35.2	

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#28

Naphthalene

Concen: 7.88 ng/ul

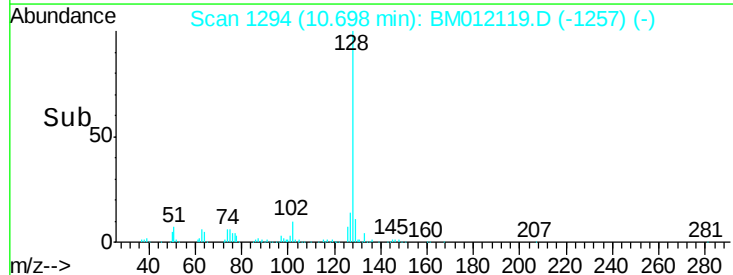
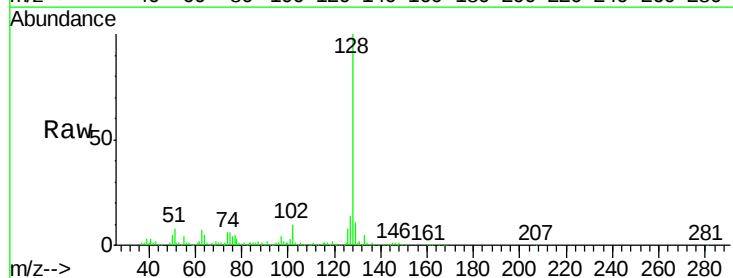
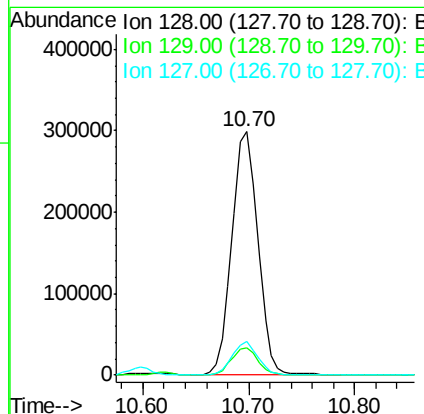
RT: 10.70 min Scan# 1294

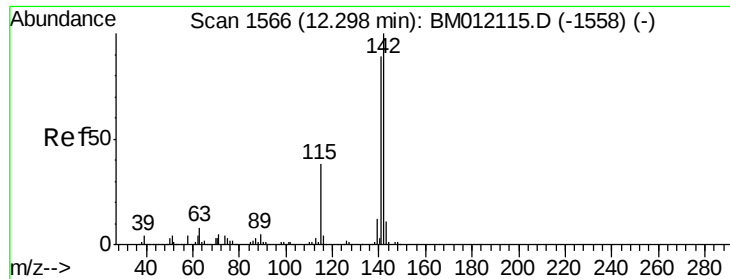
Delta R.T. 0.02 min

Lab File: BM012119.D

Acq: 13 Oct 2017 03:28

Tgt	Ion	128	Resp:	509192
Ion	Ratio	Lower	Upper	
128	100			
129	11.2	8.8	13.2	
127	13.8	10.6	16.0	





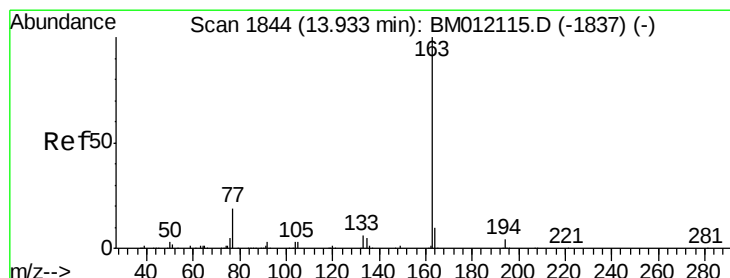
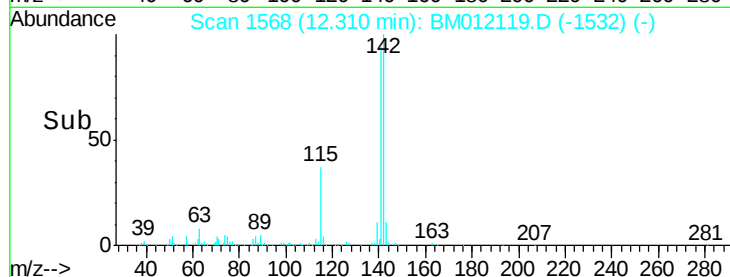
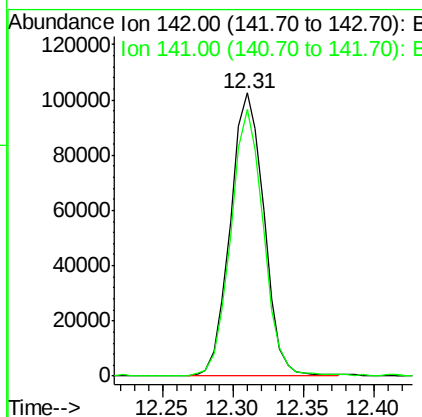
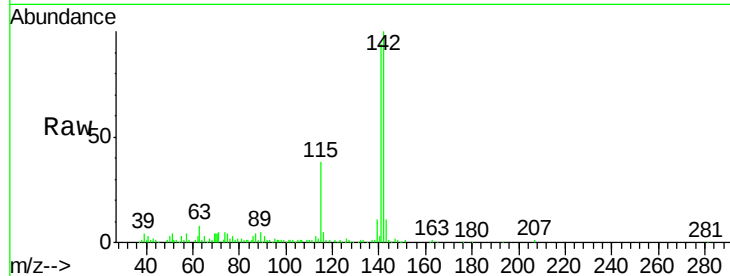
#34
 2-Methylnaphthalene
 Concen: 3.51 ng/ul
 RT: 12.31 min Scan# 1568
 Delta R.T. 0.01 min
 Lab File: BM012119.D
 Acq: 13 Oct 2017 03:28

Instrument :
 BNA_M
 ClientSampleId :
 B-58(1-2)-092717

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.4	74.1	111.1

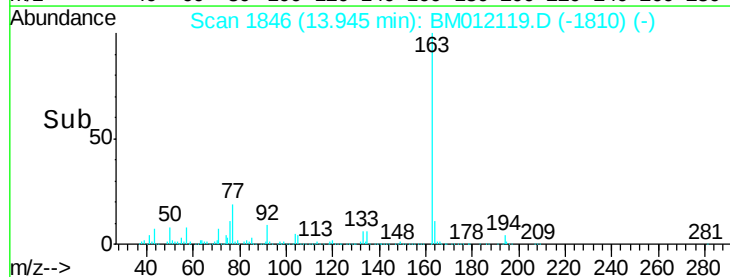
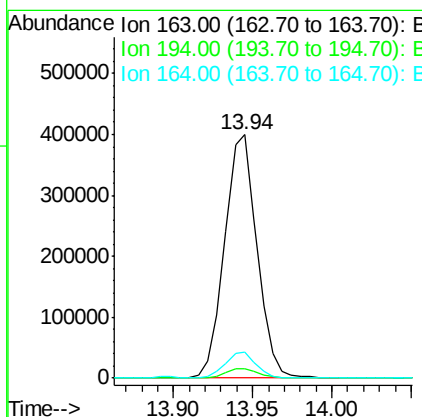
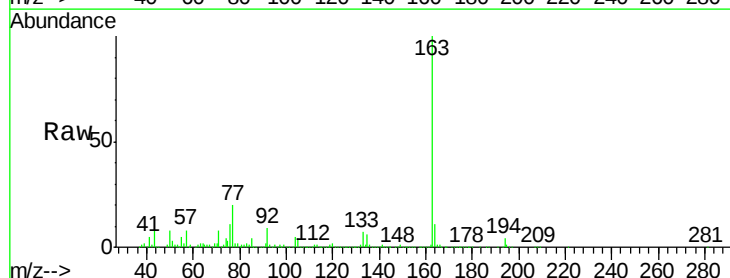
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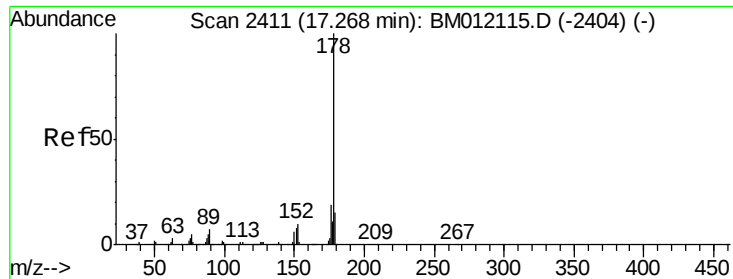
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#44
 Dimethylphthalate
 Concen: 9.95 ng/ul
 RT: 13.94 min Scan# 1846
 Delta R.T. 0.01 min
 Lab File: BM012119.D
 Acq: 13 Oct 2017 03:28

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.5	5.3
164	10.5	8.2	12.4





#69

Phenanthrene

Concen: 2.98 ng/ul

RT: 17.28 min Scan# 2413

Delta R.T. 0.01 min

Lab File: BM012119.D

Acq: 13 Oct 2017 03:28

Instrument :

BNA_M

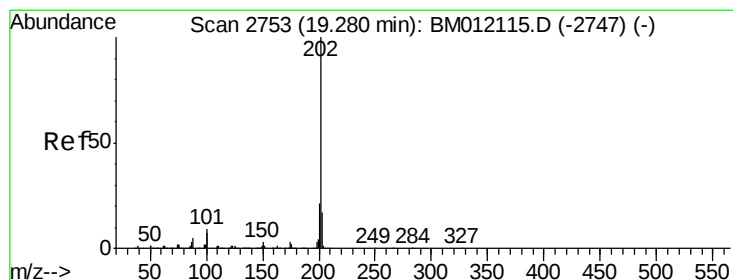
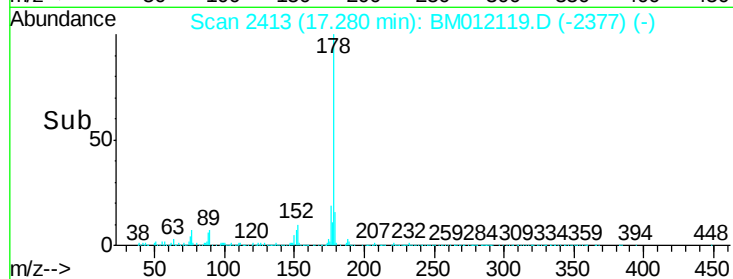
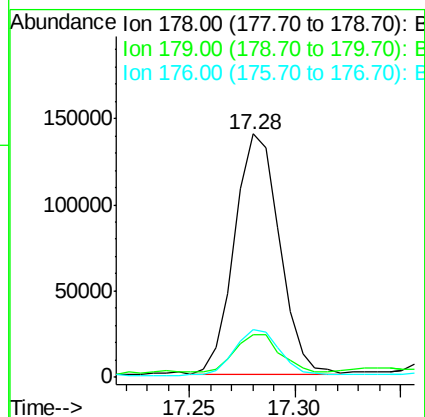
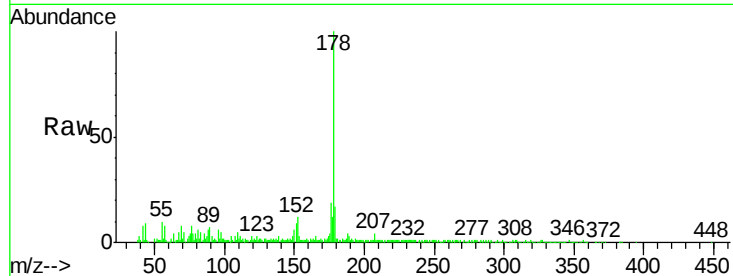
ClientSampleId :

B-58(1-2)-092717

Tgt Ion:	178	Resp:	206213
Ion Ratio		Lower	Upper
178	100		
179	17.4	12.6	19.0
176	19.4	14.9	22.3

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#74

Fluoranthene

Concen: 5.65 ng/ul

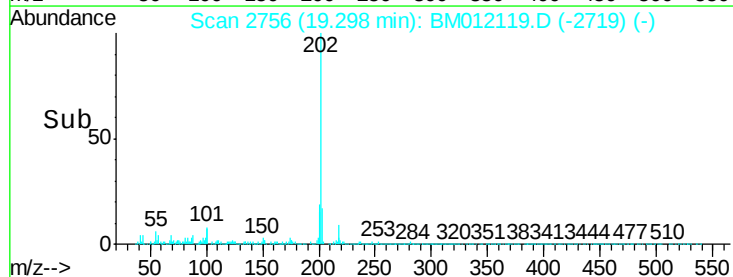
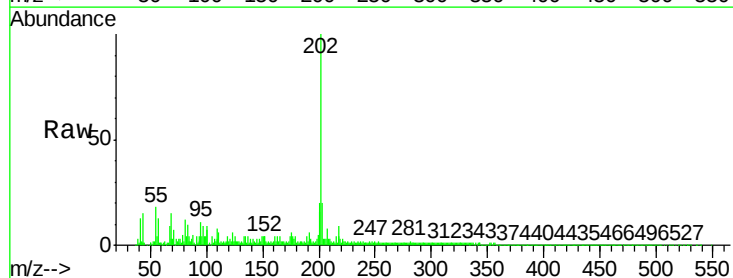
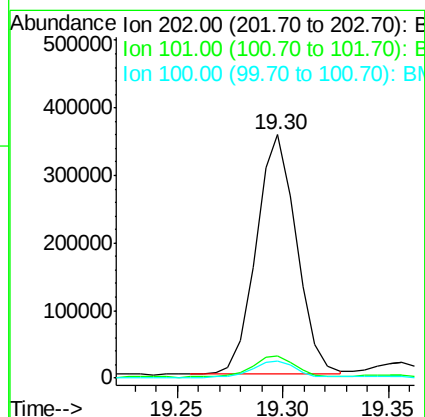
RT: 19.30 min Scan# 2756

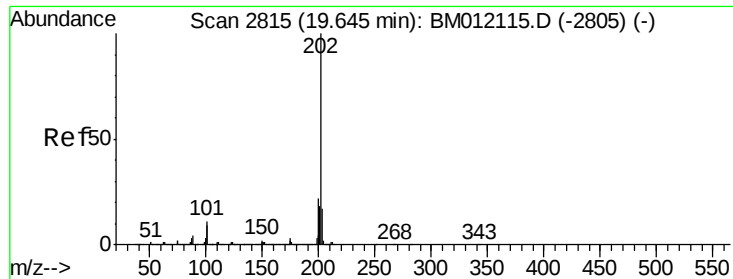
Delta R.T. 0.02 min

Lab File: BM012119.D

Acq: 13 Oct 2017 03:28

Tgt Ion:	202	Resp:	472580
Ion Ratio		Lower	Upper
202	100		
101	9.0	4.6	7.0#
100	6.9	3.4	5.2#





#77

Pyrene

Concen: 4.62 ng/ul

RT: 19.66 min Scan# 2818

Delta R.T. 0.02 min

Lab File: BM012119.D

Acq: 13 Oct 2017 03:28

Instrument :

BNA_M

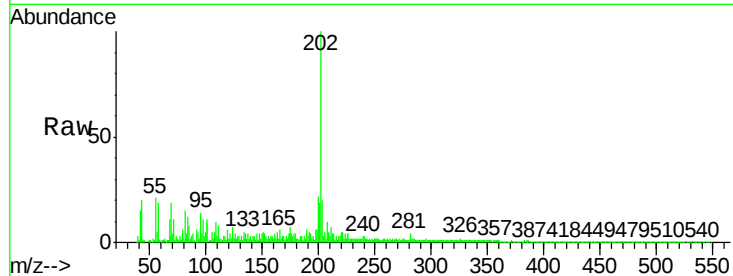
ClientSampleId :

B-58(1-2)-092717

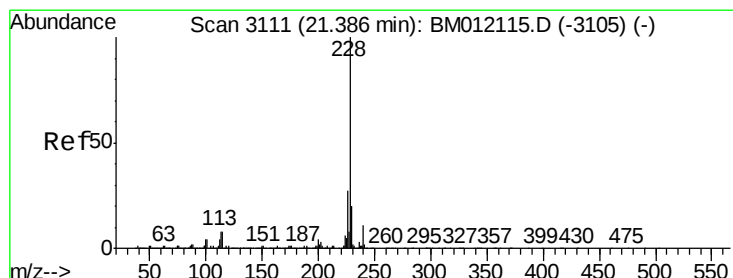
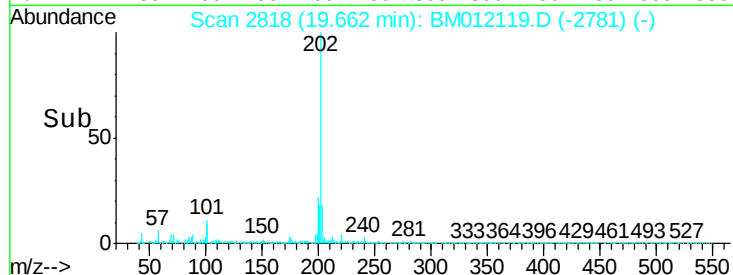
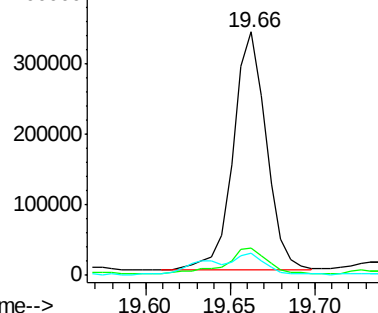
Tgt Ion:	202	Resp:	463483
Ion Ratio	Lower	Upper	
202	100		
101	11.0	5.1	7.7#
100	9.0	4.9	7.3#

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Abundance Ion 202.00 (201.70 to 202.70): E



#80

Benzo(a)anthracene

Concen: 3.39 ng/ul

RT: 21.40 min Scan# 3114

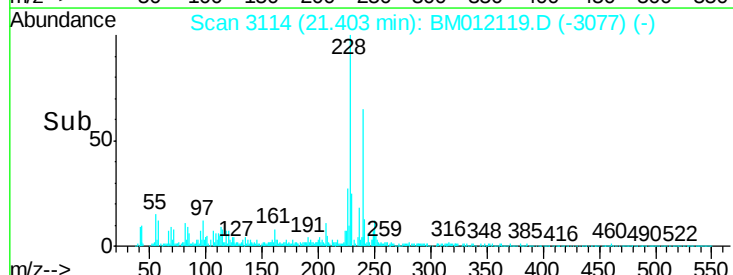
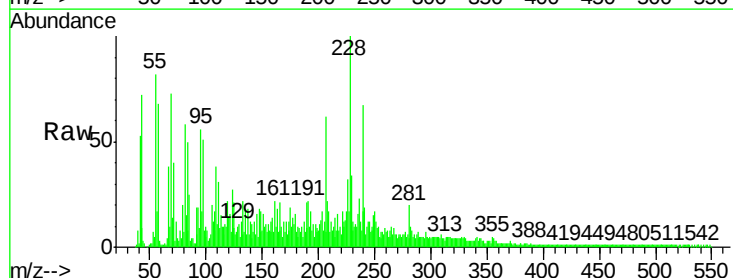
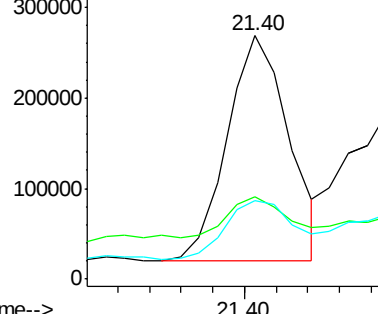
Delta R.T. 0.02 min

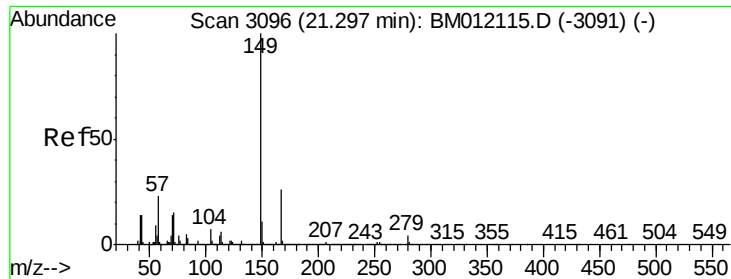
Lab File: BM012119.D

Acq: 13 Oct 2017 03:28

Tgt Ion:	228	Resp:	334870
Ion Ratio	Lower	Upper	
228	100		
229	34.0	15.4	23.0#
226	32.4	21.4	32.0#

Abundance Ion 228.00 (227.70 to 228.70): E





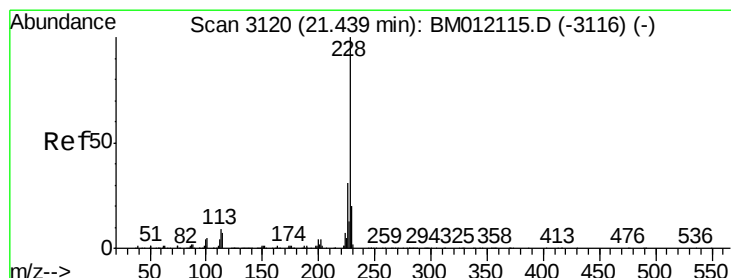
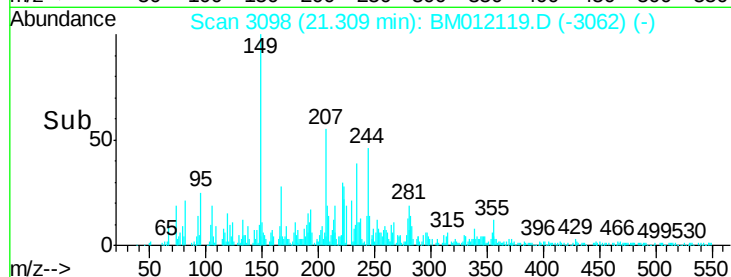
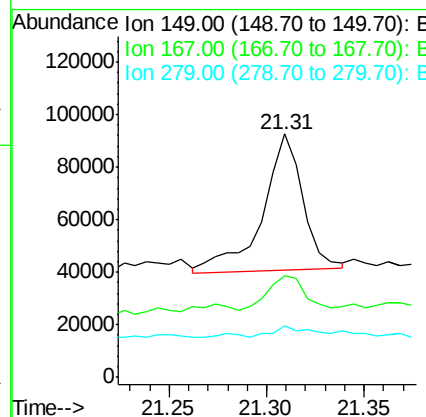
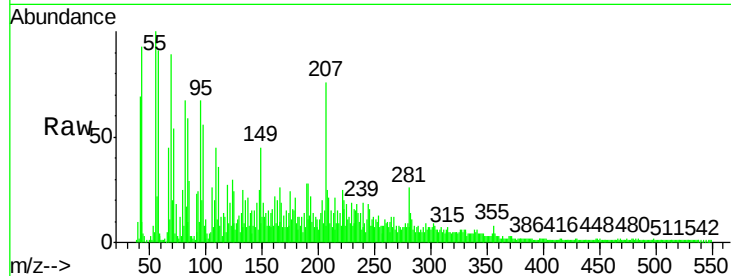
#81
 Bis(2-ethylhexyl)phthalate
 Concen: 1.11 ng/ul
 RT: 21.31 min Scan# 3098
 Delta R.T. 0.01 min
 Lab File: BM012119.D
 Acq: 13 Oct 2017 03:28

Instrument :
 BNA_M
 ClientSampled :
 B-58(1-2)-092717

Tgt Ion	Ratio	Lower	Upper
149	100		
167	41.6	22.8	34.2#
279	21.0	4.9	7.3#

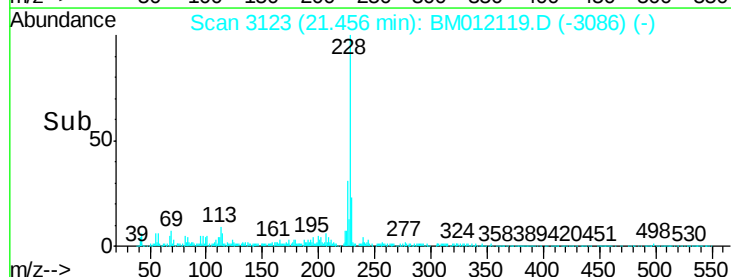
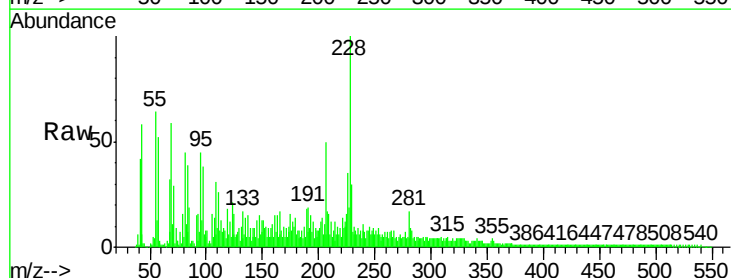
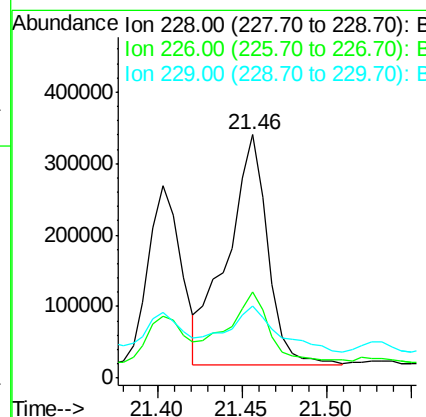
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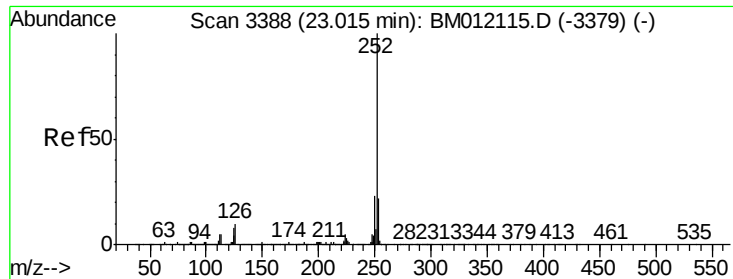
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#82
 Chrysene
 Concen: 5.72 ng/ul
 RT: 21.46 min Scan# 3123
 Delta R.T. 0.02 min
 Lab File: BM012119.D
 Acq: 13 Oct 2017 03:28

Tgt Ion	Ratio	Lower	Upper
228	100		
226	35.3	23.4	35.2#
229	29.8	15.5	23.3#





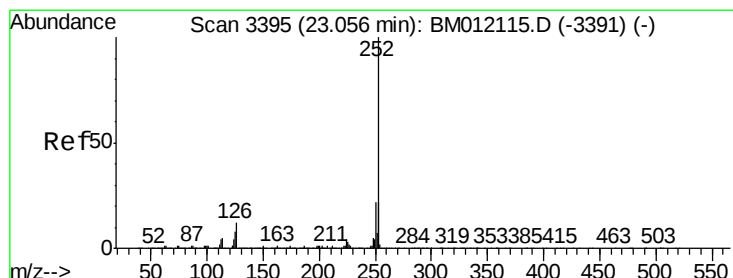
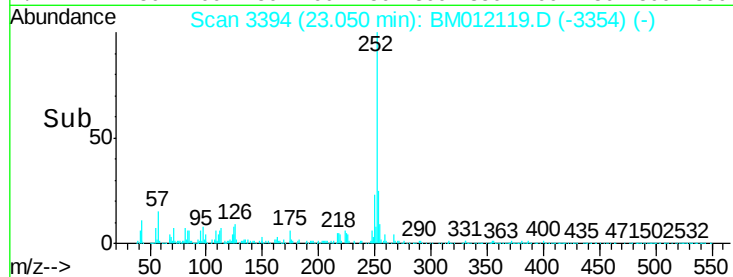
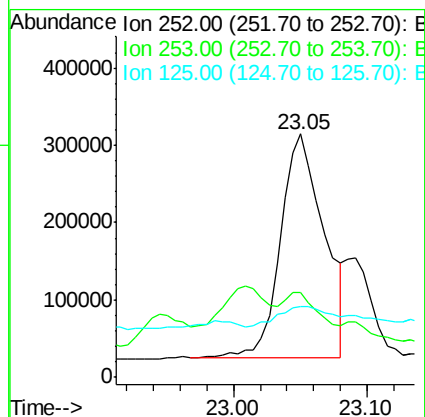
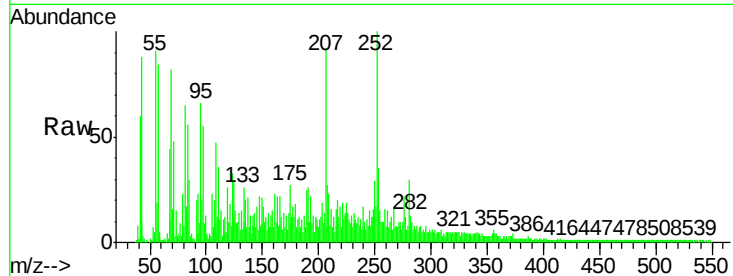
#85
Benzo(b)fluoranthene
Concen: 5.86 ng/ul
RT: 23.05 min Scan# 3394
Delta R.T. 0.04 min
Lab File: BM012119.D
Acq: 13 Oct 2017 03:28

Instrument :
BNA_M
ClientSampleId :
B-58(1-2)-092717

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	35.1	17.9	26.9#
125	28.9	3.6	5.4#

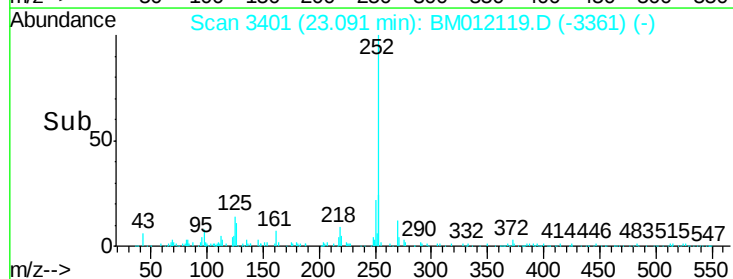
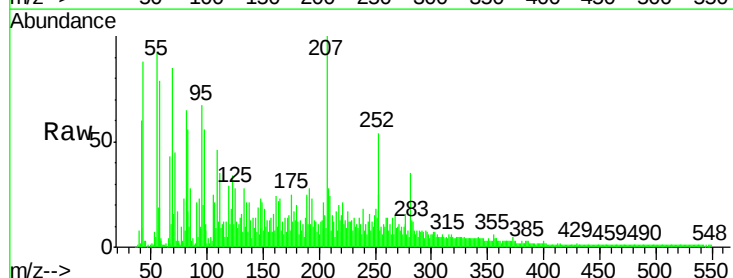
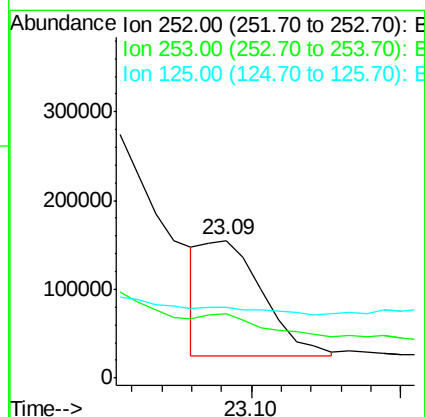
Manual Integrations
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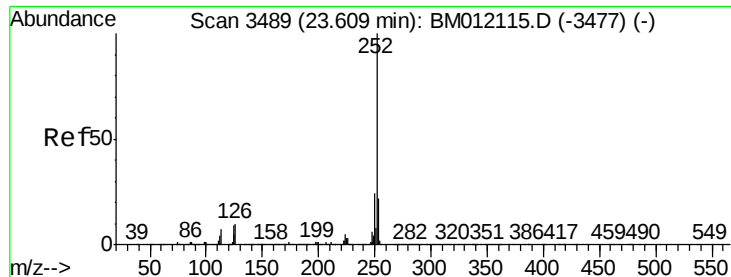
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#86
Benzo(k)fluoranthene
Concen: 1.67 ng/ul m
RT: 23.09 min Scan# 3401
Delta R.T. 0.04 min
Lab File: BM012119.D
Acq: 13 Oct 2017 03:28

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	46.5	17.1	25.7#
125	51.7	3.4	5.2#





#88

Benzo(a)pyrene

Concen: 3.61 ng/ul

RT: 23.66 min Scan# 3497

Delta R.T. 0.05 min

Lab File: BM012119.D

Acq: 13 Oct 2017 03:28

Instrument :

BNA_M

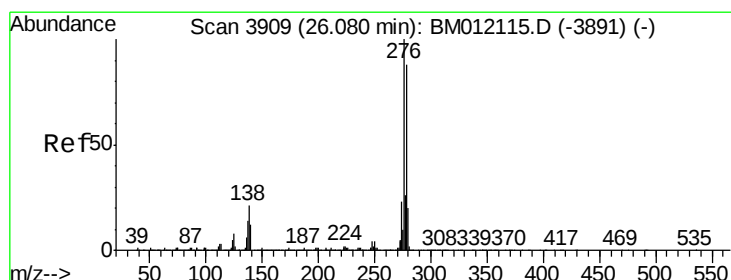
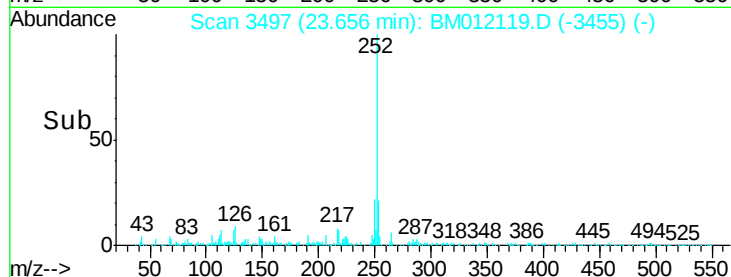
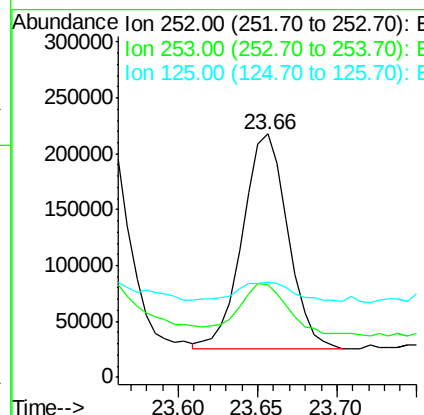
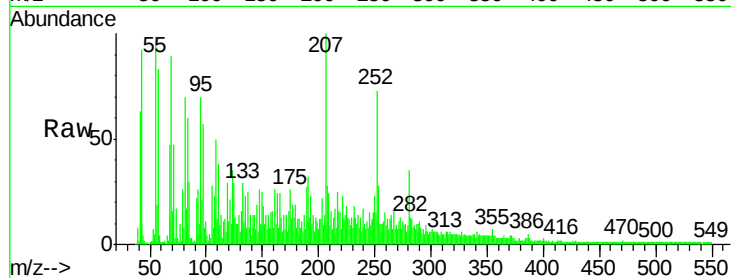
ClientSampleId :

B-58(1-2)-092717

Tgt Ion:	252	Resp:	384622
Ion Ratio	Lower	Upper	
252	100		
253	38.0	18.2	27.2#
125	38.9	4.0	6.0#

Manual Integrations
APPROVED

Sohil
10/15/2017 12:36:59 PM



#89

Indeno(1,2,3-cd)pyrene

Concen: 2.67 ng/ul

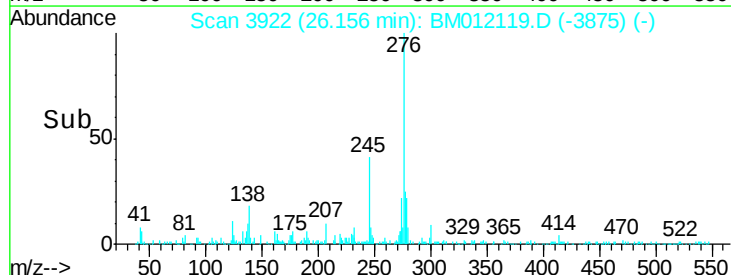
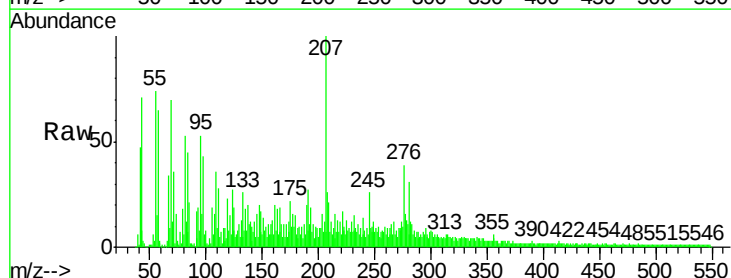
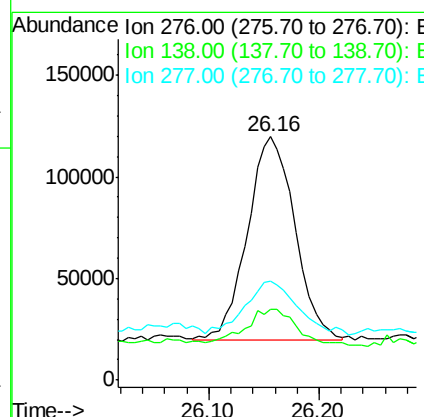
RT: 26.16 min Scan# 3922

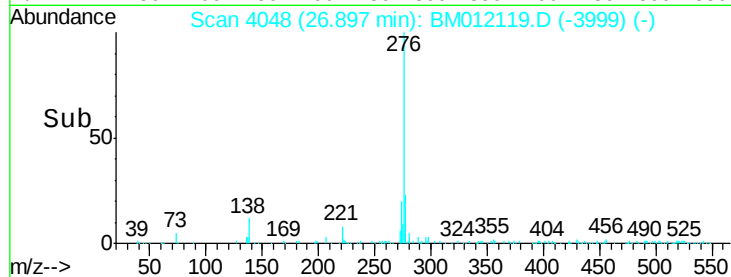
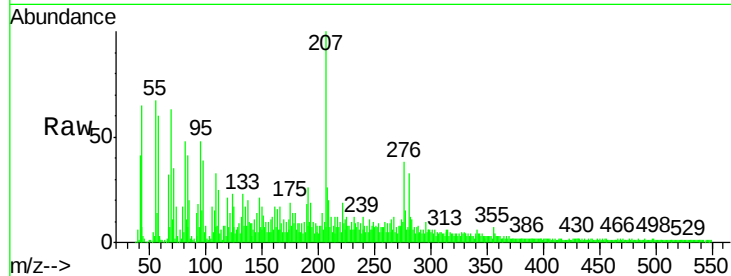
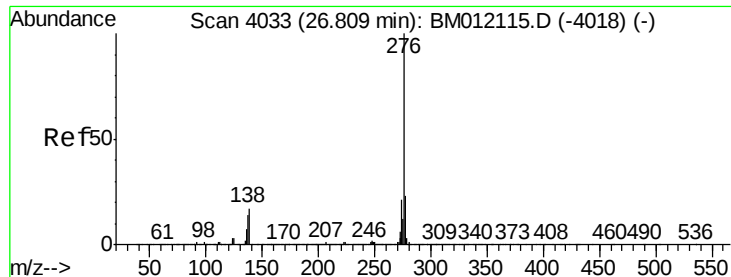
Delta R.T. 0.08 min

Lab File: BM012119.D

Acq: 13 Oct 2017 03:28

Tgt Ion:	276	Resp:	302643
Ion Ratio	Lower	Upper	
276	100		
138	29.2	9.3	13.9#
277	40.8	19.9	29.9#





#91

Benzo(g,h,i)perylene

Concen: 3.51 ng/ul

RT: 26.90 min Scan# 4048

Delta R.T. 0.09 min

Lab File: BM012119.D

Acq: 13 Oct 2017 03:28

Instrument :

BNA_M

ClientSampleId :

B-58(1-2)-092717

Tgt Ion: 276 Resp: 325689

Ion Ratio Lower Upper

276 100

138 26.8 8.5 12.7#

277 39.5 18.6 28.0#

Manual Integrations
APPROVED

Sohil
10/15/2017 12:36:59 PM

