

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092217\
 Data File : BM011690.D
 Acq On : 22 Sep 2017 13:24
 Operator : SJ/JU
 Sample : I5284-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB3D2

Manual Integrations
 APPROVED

Sohil
 9/25/2017 6:23:28 PM

Quant Time: Sep 23 00:52:52 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Sep 22 23:48:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	392826	20.00	ng/ul	0.00
18) Naphthalene-d8	10.77	136	1759169	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.59	164	953315	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.33	188	1970777	20.00	ng/ul	0.00
78) Chrysene-d12	21.50	240	1371832	20.00	ng/ul	0.00
86) Perylene-d12	23.87	264	1308371	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.39	96	37837	4.33	ng/uL	0.00
5) Phenol-d5	7.11	99	916020	24.29	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.29	67	683315	26.88	ng/ul	0.00
9) 2-Chlorophenol-d4	7.49	132	748397	26.33	ng/ul	0.00
13) 4-Methylphenol-d8	8.66	113	616289	20.93	ng/ul	0.00
19) Nitrobenzene-d5	9.13	128	375728	28.14	ng/ul	0.00
22) 2-Nitrophenol-d4	9.85	143	399108	28.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.38	165	698375	24.99	ng/ul	0.00
29) 4-Chloroaniline-d4	10.90	131	720039	23.35	ng/ul	0.00
44) Dimethylphthalate-d6	13.99	166	2142971	26.59	ng/ul	0.00
47) Acenaphthylene-d8	14.29	160	2663903	27.33	ng/ul	0.00
52) 4-Nitrophenol-d4	14.77	143	308572	20.37	ng/ul	0.00
58) Fluorene-d10	15.58	176	1825482	26.15	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.70	200	214637	18.72	ng/ul	0.00
71) Anthracene-d10	17.43	188	2564242	26.42	ng/ul	0.00
79) Pyrene-d10	19.72	212	2488051	38.73	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.72	264	1708242	27.40	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	7.14	94	52887	1.412	ng/ul#	87
28) Naphthalene	10.82	128	135266	1.483	ng/ul	99
45) Dimethylphthalate	14.04	163	496721	6.437	ng/ul#	98
70) Phenanthrene	17.37	178	961684	8.755	ng/ul	99
72) Anthracene	17.47	178	203026	1.801	ng/ul	99
77) Fluoranthene	19.39	202	1561269	13.818	ng/ul#	93
80) Pyrene	19.75	202	1317087	16.456	ng/ul#	90
83) Benzo(a)anthracene	21.49	228	611120	8.091	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.39	149	479570	8.484	ng/ul#	94
85) Chrysene	21.54	228	585863	8.556	ng/ul	97
88) Benzo(b)fluoranthene	23.15	252	788980	10.024	ng/ul#	90
89) Benzo(k)fluoranthene	23.19	252	219683m	2.906	ng/ul	
91) Benzo(a)pyrene	23.77	252	510435	6.870	ng/ul#	94
92) Indeno(1,2,3-cd)pyrene	26.30	276	362471	4.435	ng/ul#	90
93) Dibenzo(a,h)anthracene	26.31	278	105226	1.518	ng/ul#	82
94) Benzo(g,h,i)perylene	27.05	276	349191	5.276	ng/ul#	90

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

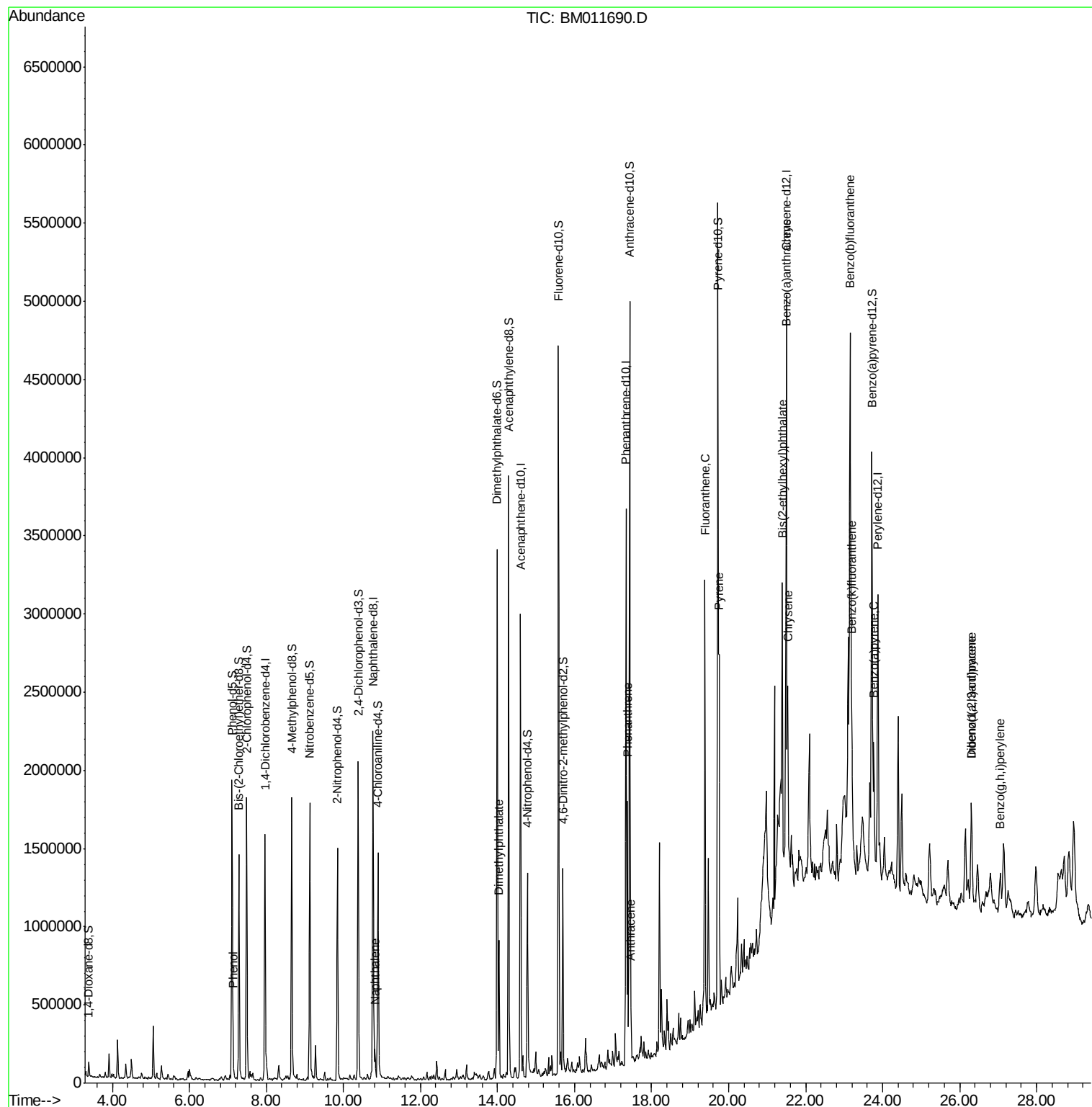
Data Path : Z:\HPCHEM1\BNA M\DATA\BM092217\
Data File : BM011690.D
Acq On : 22 Sep 2017 13:24
Operator : SJ/JU
Sample : I5284-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

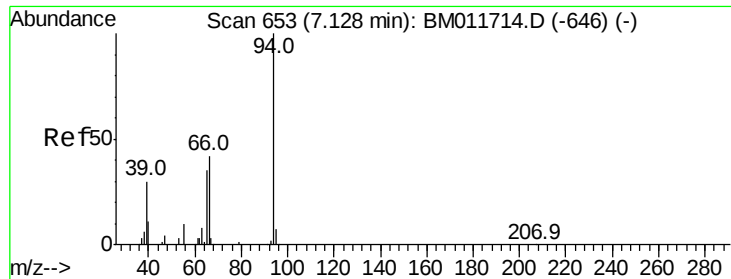
Instrument :
BNA_M
ClientSampled :
CB3D2

Manual Integrations
APPROVED

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9/25/2017 6:23:28 PM

Quant Time: Sep 23 00:52:52 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 22 23:48:55 2017
Response via : Initial Calibration





#6

Phenol

Concen: 1.412 ng/ul

RT: 7.14 min Scan# 655

Delta R.T. 0.00 min

Lab File: BM011690.D

Acq: 22 Sep 2017 13:24

Instrument :

BNA_M

ClientSampleId :

CB3D2

Tot Ion: 94 Resp: 52887

Ion Ratio Lower Upper

94 100

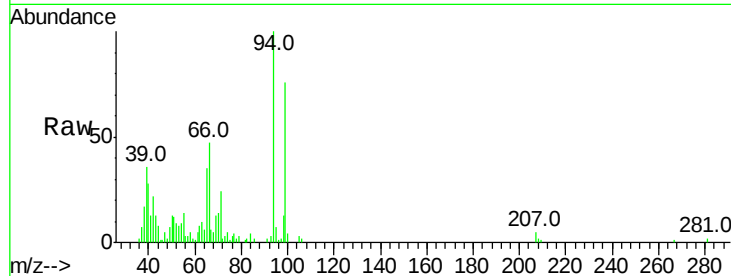
65 34.6 23.0 34.6#

66 47.1 30.4 45.6#

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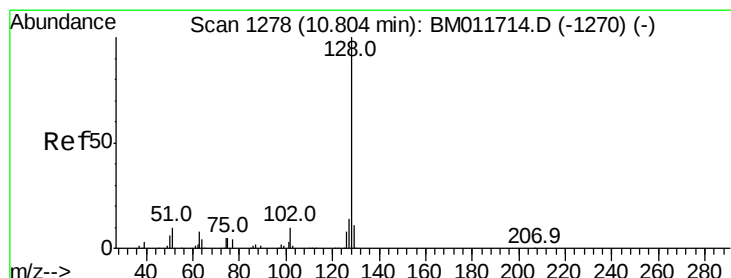
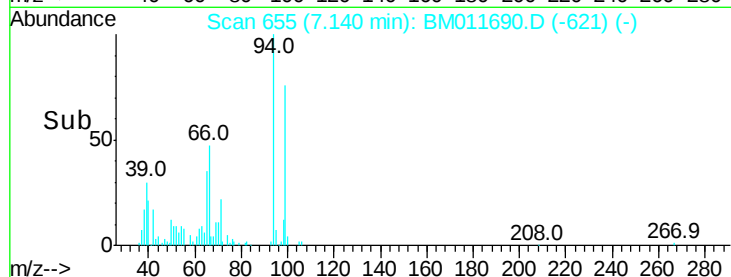
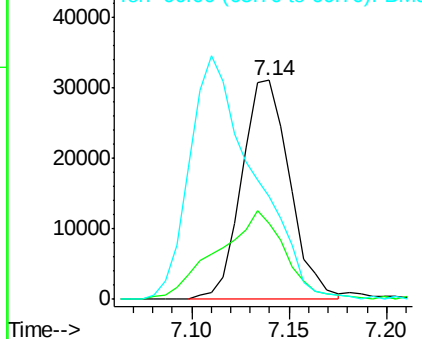
9/25/2017 6:23:28 PM



Abundance Ion 94.00 (93.70 to 94.70): BM011690.D (-621) (-)

Ion 65.00 (64.70 to 65.70): BM011690.D (-621) (-)

Ion 66.00 (65.70 to 66.70): BM011690.D (-621) (-)



#28

Naphthalene

Concen: 1.483 ng/ul

RT: 10.82 min Scan# 1280

Delta R.T. 0.00 min

Lab File: BM011690.D

Acq: 22 Sep 2017 13:24

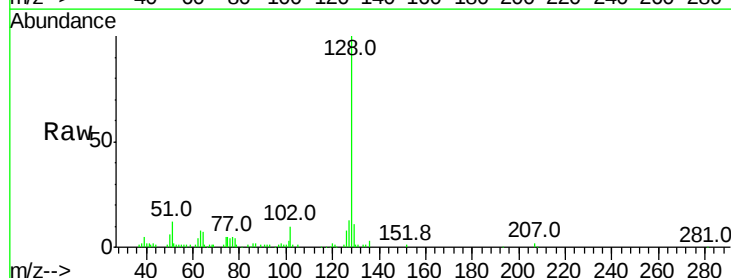
Tgt Ion: 128 Resp: 135266

Ion Ratio Lower Upper

128 100

129 10.8 8.3 12.5

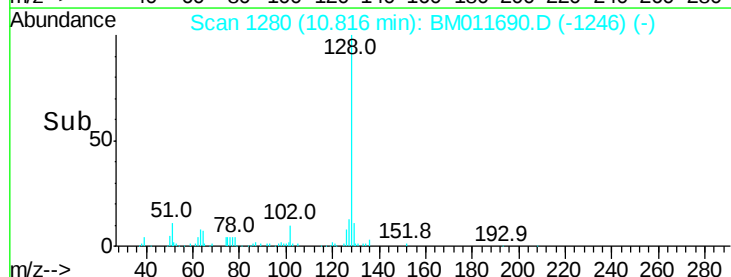
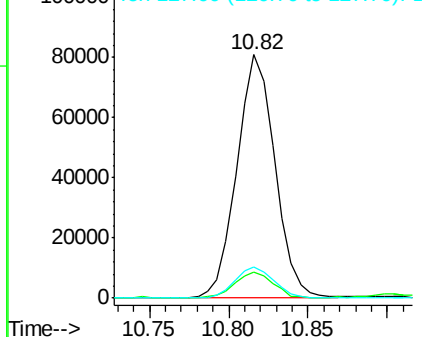
127 13.0 10.8 16.2

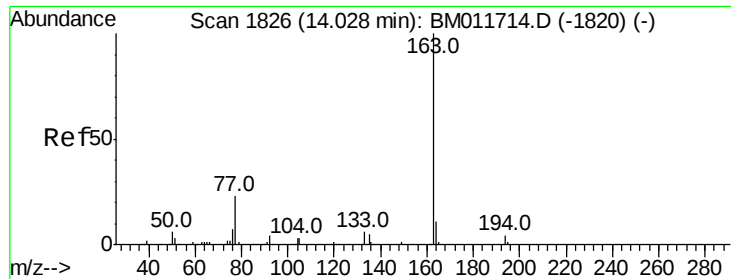


Abundance Ion 128.00 (127.70 to 128.70): BM011690.D (-1246) (-)

Ion 129.00 (128.70 to 129.70): BM011690.D (-1246) (-)

Ion 127.00 (126.70 to 127.70): BM011690.D (-1246) (-)





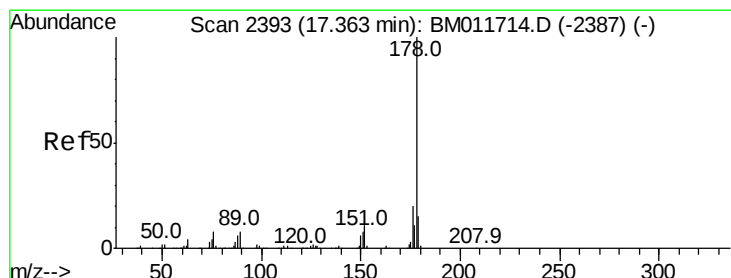
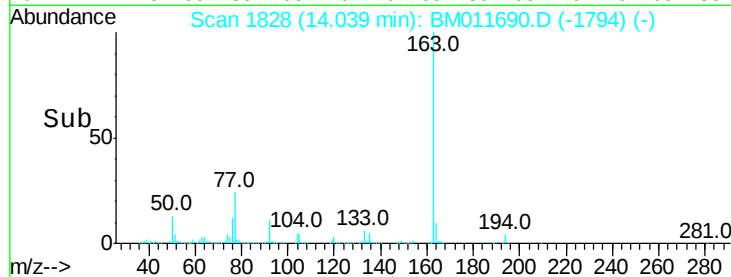
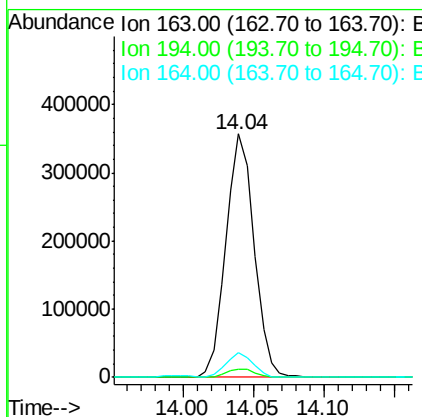
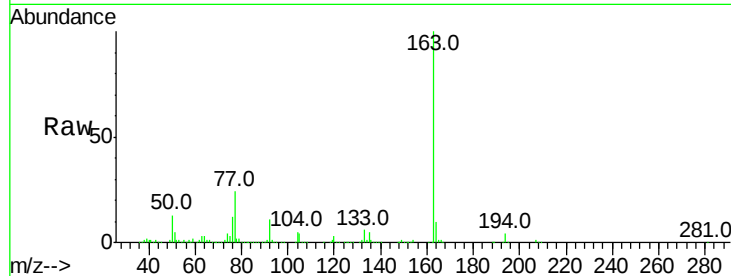
#45
Dimethylphthalate
Concen: 6.437 ng/ul
RT: 14.04 min Scan# 1828
Delta R.T. 0.00 min
Lab File: BM011690.D
Acq: 22 Sep 2017 13:24

Instrument :
BNA_M
ClientSampleId :
CB3D2

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.6	4.0	6.0#
164	10.3	8.4	12.6

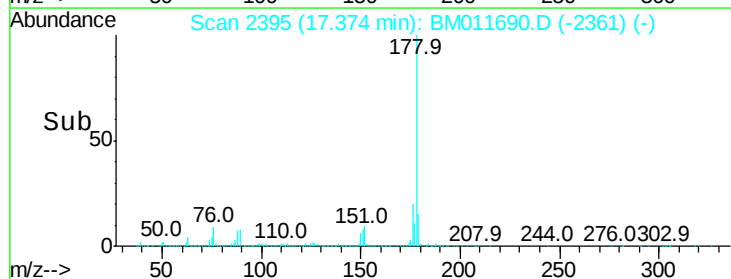
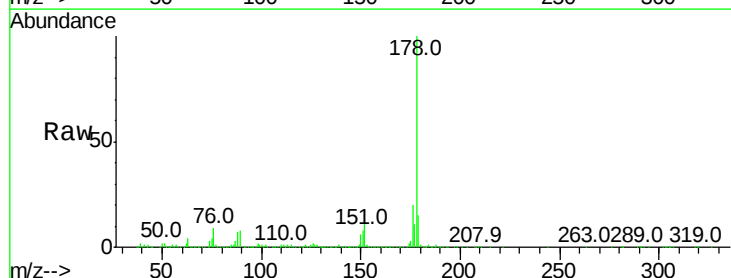
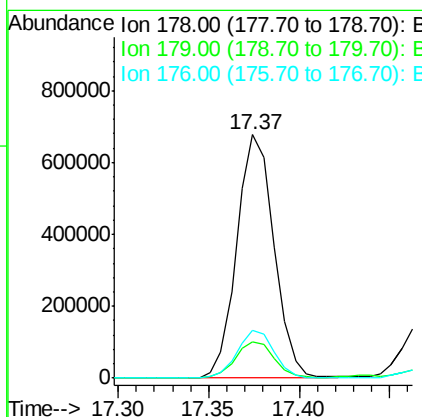
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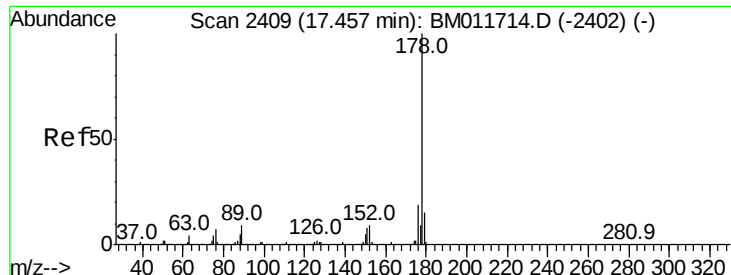
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#70
Phenanthrene
Concen: 8.755 ng/ul
RT: 17.37 min Scan# 2395
Delta R.T. 0.00 min
Lab File: BM011690.D
Acq: 22 Sep 2017 13:24

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.3	18.5
176	19.7	15.4	23.0





#72

Anthracene

Concen: 1.801 ng/ul

RT: 17.47 min Scan# 2411

Delta R.T. 0.00 min

Lab File: BM011690.D

Acq: 22 Sep 2017 13:24

Instrument :

BNA_M

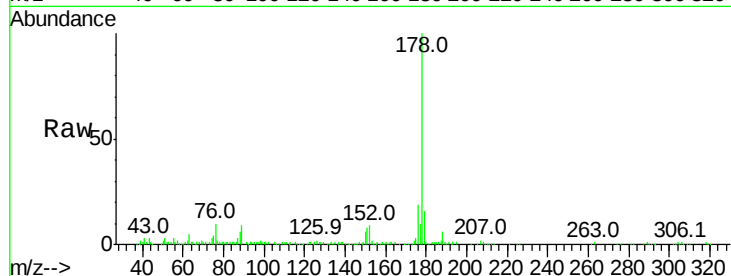
ClientSampleId :

CB3D2

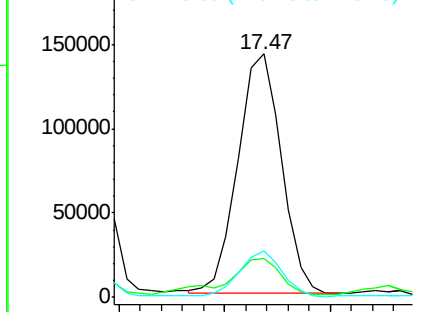
Tot Ion:	178	Resp:	203026
Ion Ratio	Lower	Upper	
178	100		
179	15.9	13.4	20.2
176	19.2	15.4	23.0

Manual Integrations
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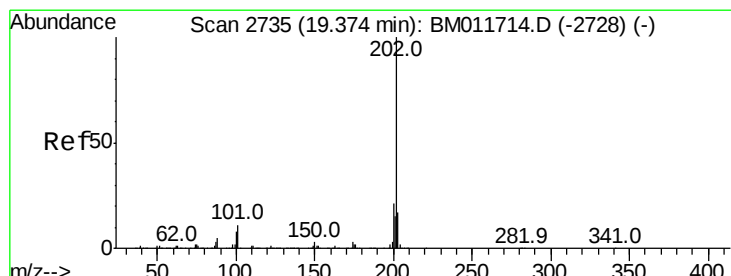
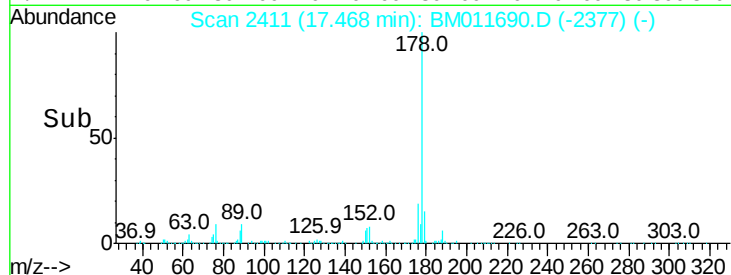
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



Time--> 17.40 17.45 17.50



#77

Fluoranthene

Concen: 13.818 ng/ul

RT: 19.39 min Scan# 2737

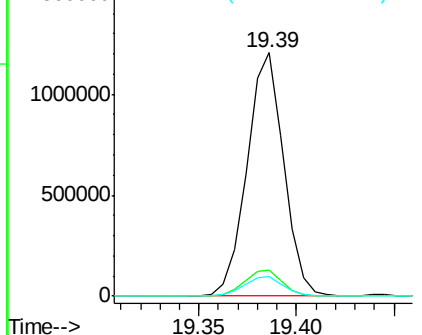
Delta R.T. 0.00 min

Lab File: BM011690.D

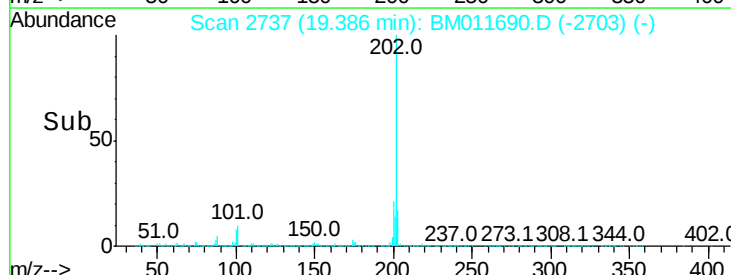
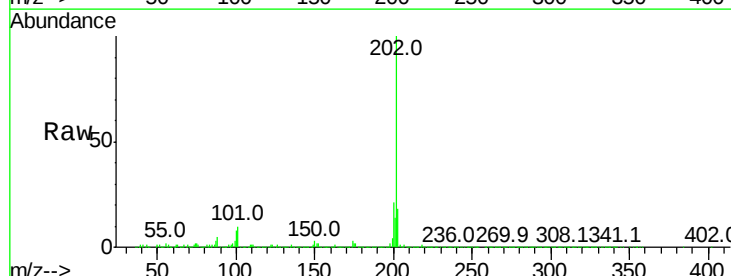
Acq: 22 Sep 2017 13:24

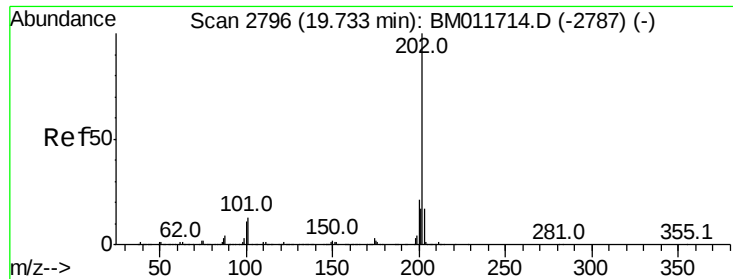
Tgt Ion:	202	Resp:	1561269
Ion Ratio	Lower	Upper	
202	100		
101	10.4	6.1	9.1#
100	8.0	4.6	7.0#

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



Time--> 19.35 19.40





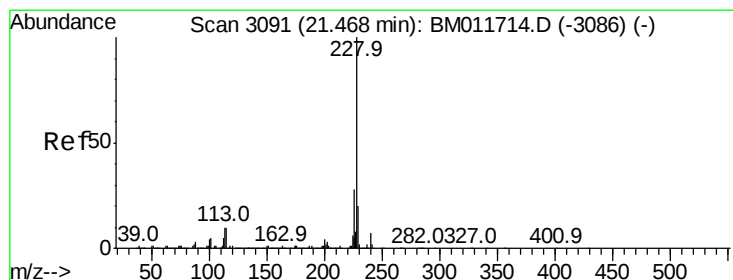
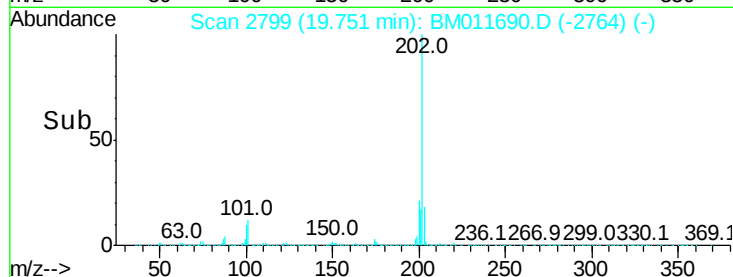
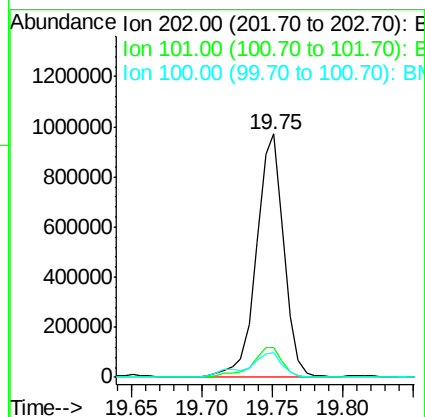
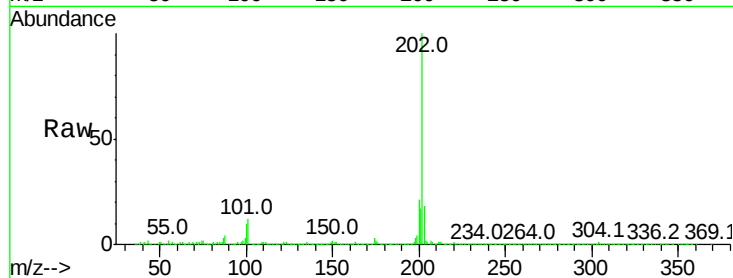
#80
Pvrene
Concen: 16.456 ng/ul
RT: 19.75 min Scan# 2799
Delta R.T. 0.01 min
Lab File: BM011690.D
Acq: 22 Sep 2017 13:24

Instrument :
BNA_M
ClientSampleId :
CB3D2

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.3	6.9	10.3#
100	9.9	5.6	8.4#

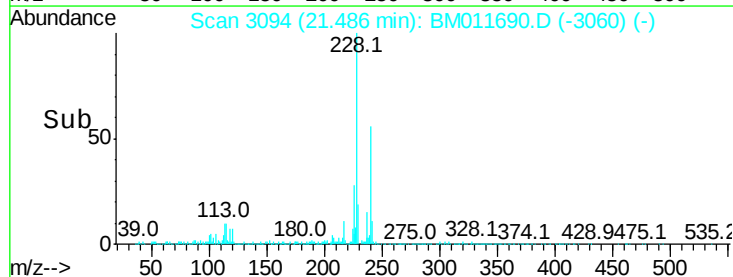
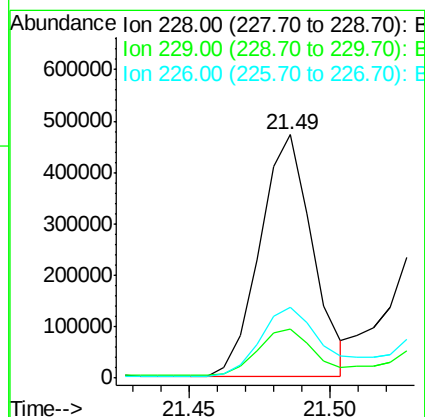
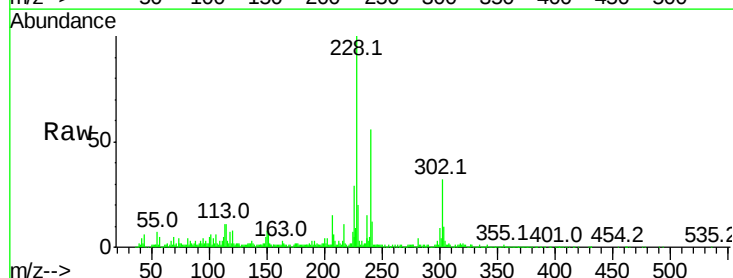
Manual Integrations
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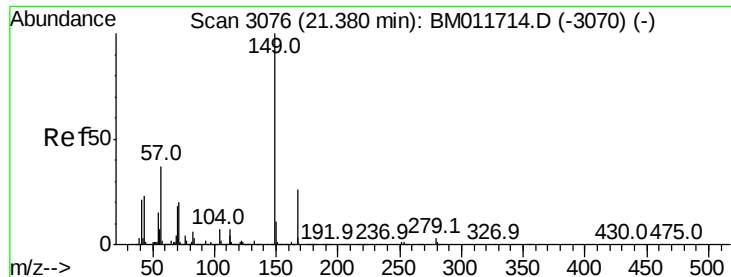
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#83
Benzo(a)anthracene
Concen: 8.091 ng/ul
RT: 21.49 min Scan# 3094
Delta R.T. 0.00 min
Lab File: BM011690.D
Acq: 22 Sep 2017 13:24

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.2	16.0	24.0
226	29.0	21.8	32.8





#84

Bis(2-ethylhexyl)phthalate

Concen: 8.484 ng/ul

RT: 21.39 min Scan# 3078

Delta R.T. 0.00 min

Lab File: BM011690.D

Acq: 22 Sep 2017 13:24

Instrument :

BNA_M

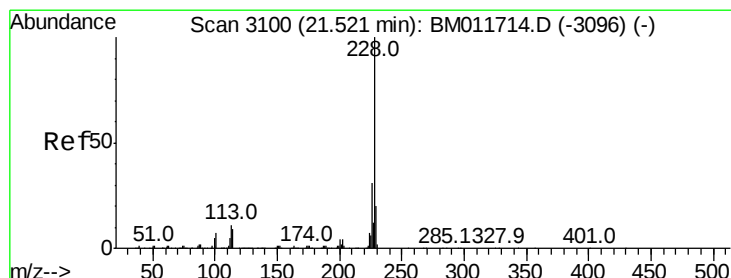
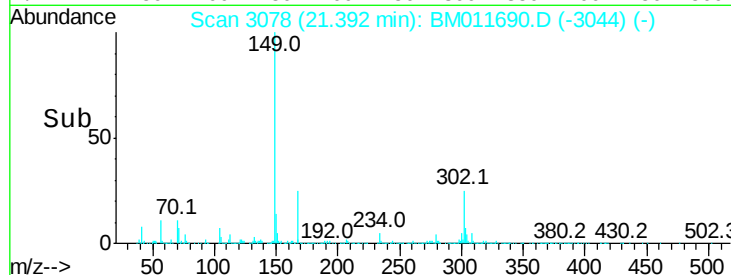
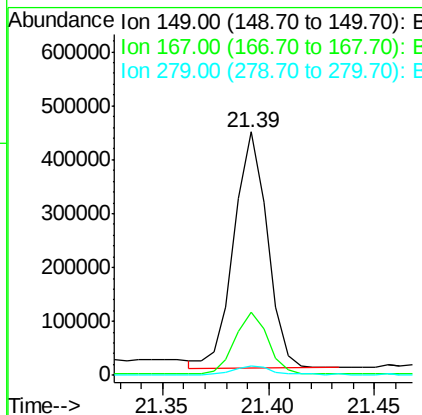
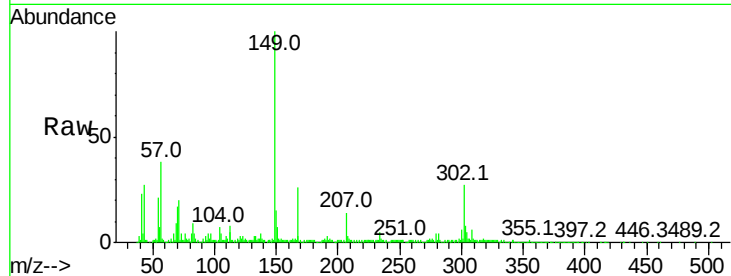
ClientSampled :

CB3D2

Tot Ion:	149	Resp:	479570
Ion Ratio	Lower	Upper	
149	100		
167	25.7	23.0	34.6
279	3.7	4.3	6.5#

Manual Integrations
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#85

Chrysene

Concen: 8.556 ng/ul

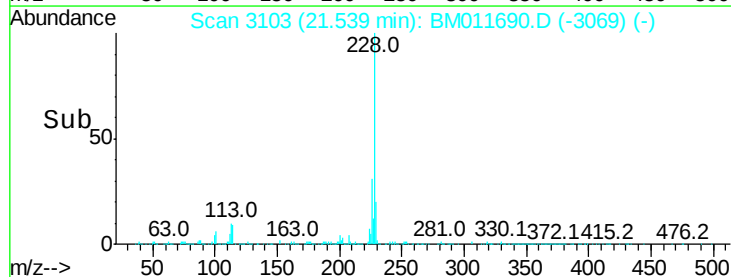
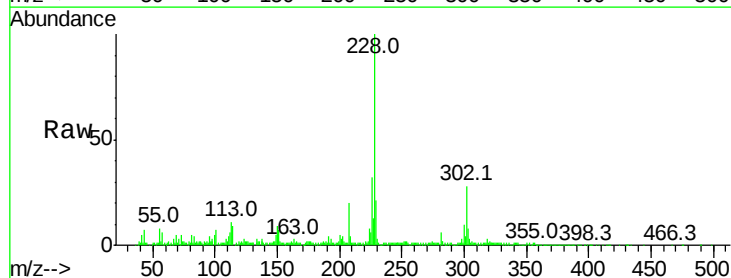
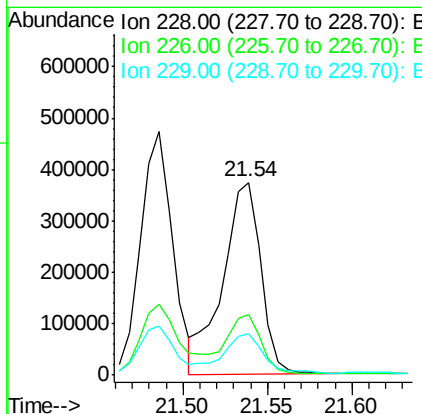
RT: 21.54 min Scan# 3103

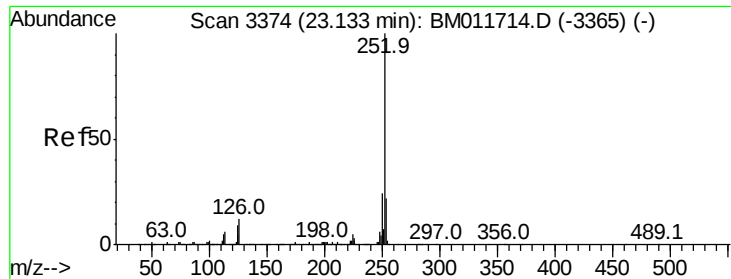
Delta R.T. 0.00 min

Lab File: BM011690.D

Acq: 22 Sep 2017 13:24

Tgt Ion:	228	Resp:	585863
Ion Ratio	Lower	Upper	
228	100		
226	31.5	24.1	36.1
229	21.3	16.0	24.0





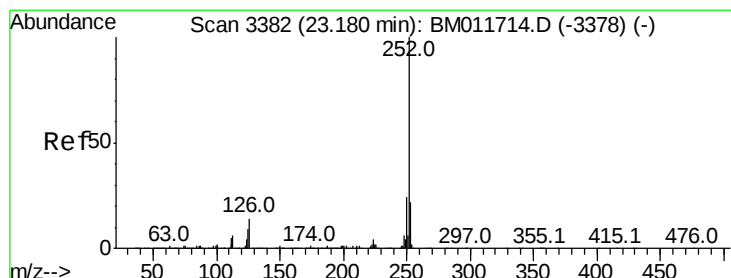
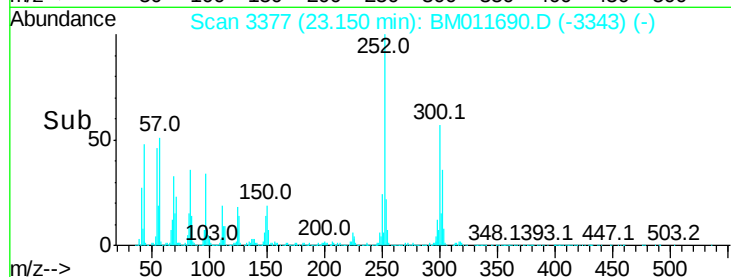
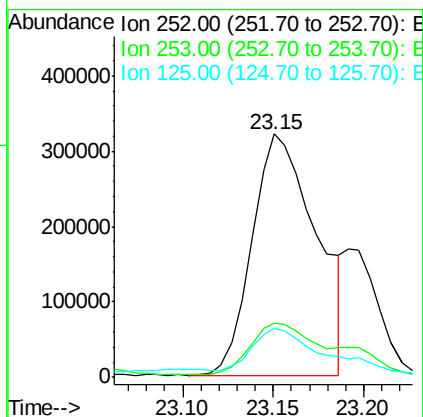
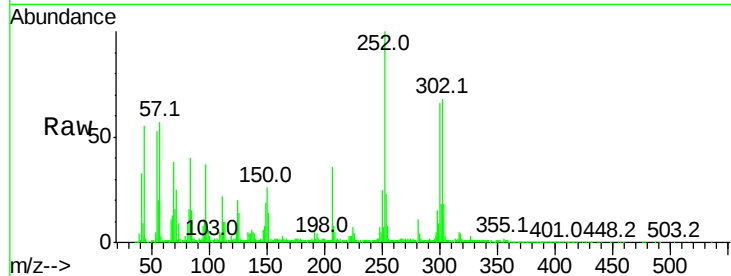
#88
Benzo(b)fluoranthene
Concen: 10.024 ng/ul
RT: 23.15 min Scan# 3377
Delta R.T. 0.00 min
Lab File: BM011690.D
Acq: 22 Sep 2017 13:24

Instrument :
BNA_M
ClientSampled :
CB3D2

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.4	26.0
125	20.1	4.9	7.3#

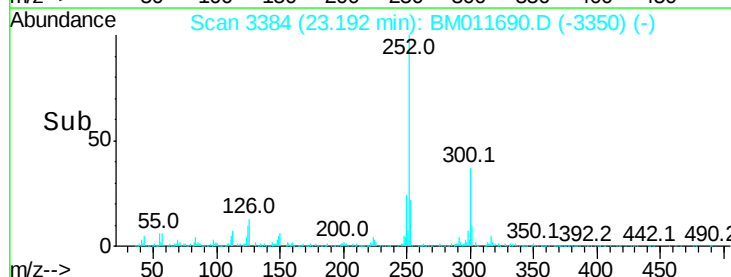
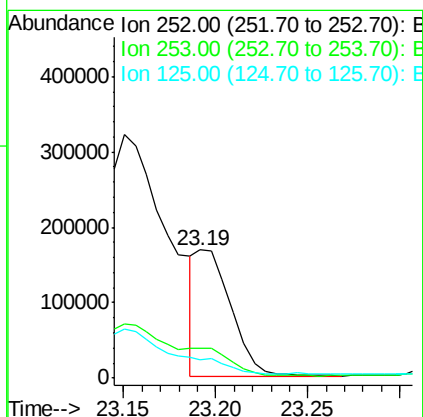
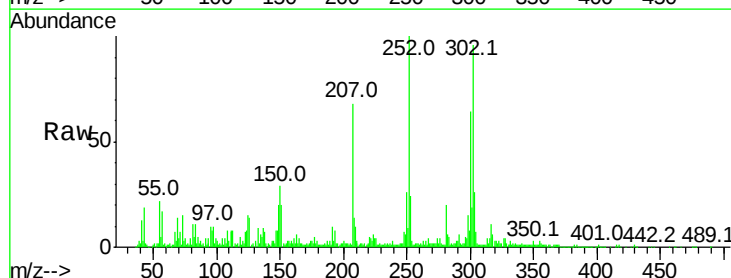
Manual Integrations
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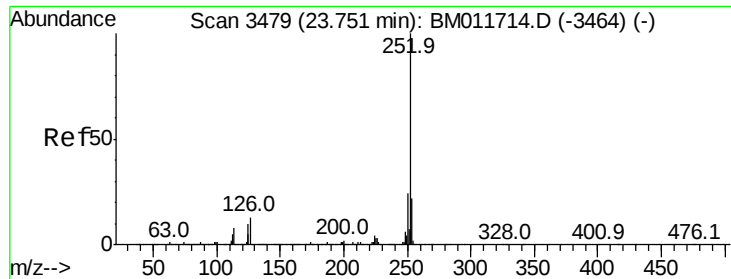
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#89
Benzo(k)fluoranthene
Concen: 2.906 ng/ul m
RT: 23.19 min Scan# 3384
Delta R.T. 0.00 min
Lab File: BM011690.D
Acq: 22 Sep 2017 13:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.1	25.7
125	14.6	5.4	8.0#





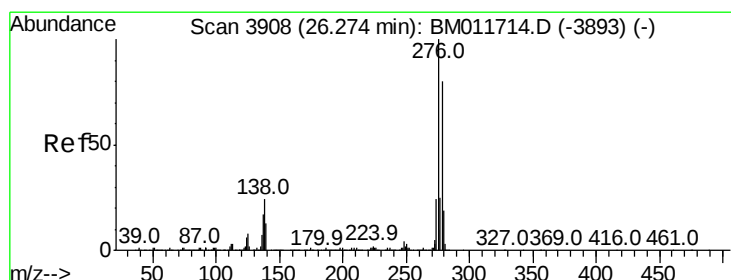
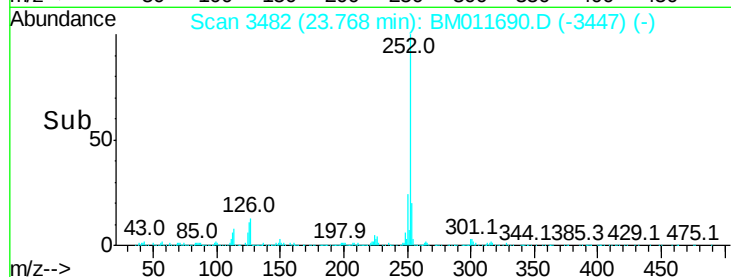
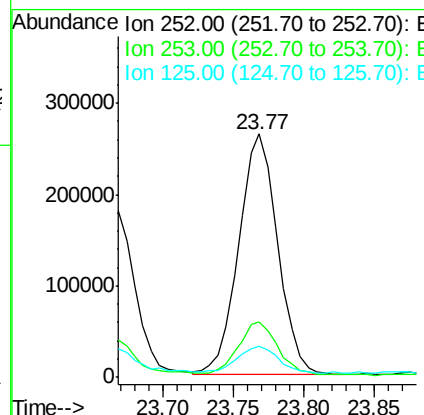
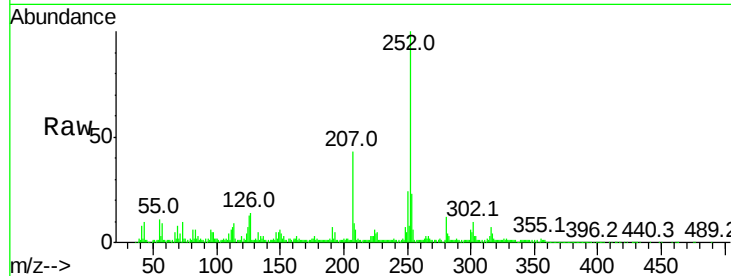
#91
Benzo(a)pyrene
Concen: 6.870 ng/ul
RT: 23.77 min Scan# 3482
Delta R.T. 0.01 min
Lab File: BM011690.D
Acq: 22 Sep 2017 13:24

Instrument :
BNA_M
ClientSampleId :
CB3D2

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.2	25.8
125	12.8	5.8	8.6

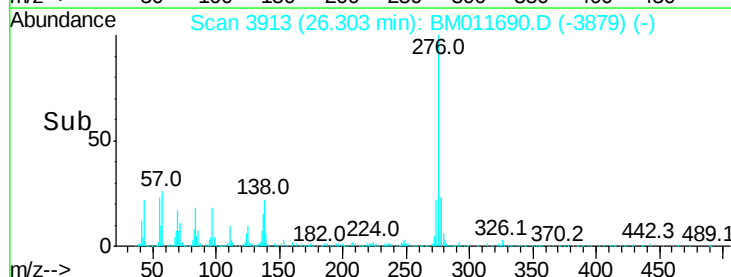
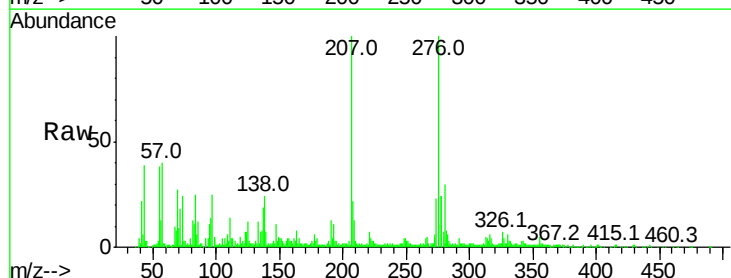
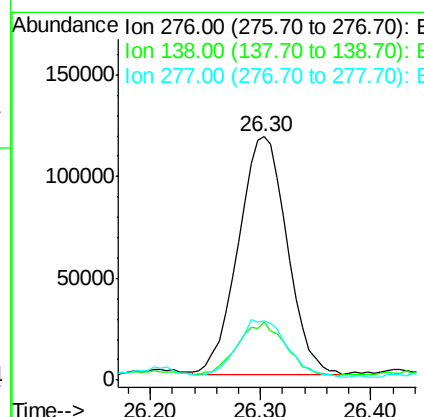
Manual Integrations
APPROVED

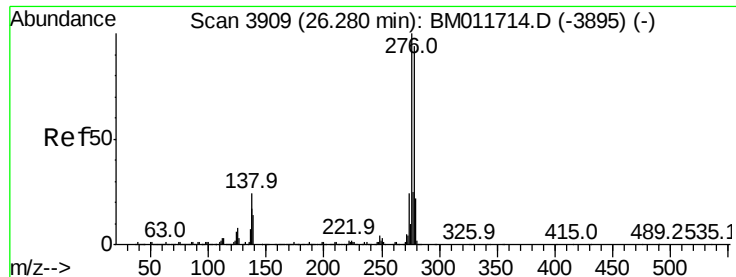
Sohil
9/25/2017 6:23:28 PM



#92
Indeno(1,2,3-cd)pyrene
Concen: 4.435 ng/ul
RT: 26.30 min Scan# 3913
Delta R.T. 0.00 min
Lab File: BM011690.D
Acq: 22 Sep 2017 13:24

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.9	10.9	16.3
277	24.4	18.9	28.3





#93

Dibenzo(a,h)anthracene

Concen: 1.518 ng/ul

RT: 26.31 min Scan# 3914

Delta R.T. 0.00 min

Lab File: BM011690.D

Acq: 22 Sep 2017 13:24

Instrument :

BNA_M

ClientSampleId :

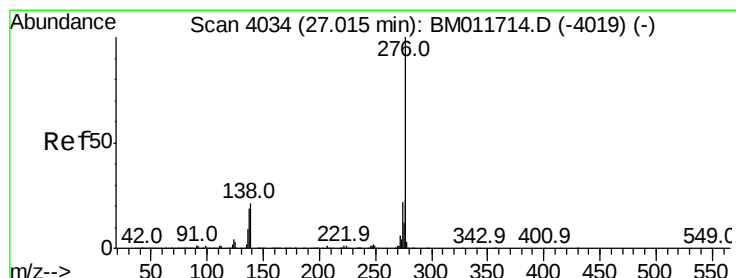
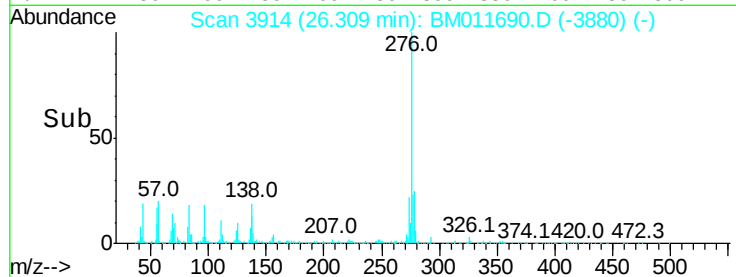
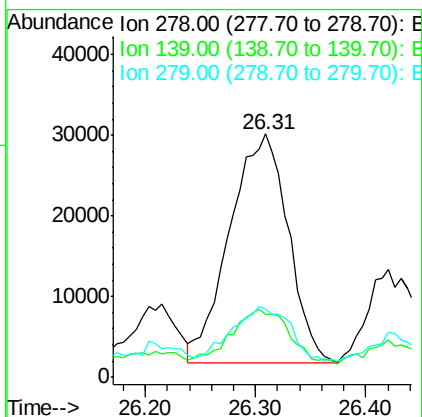
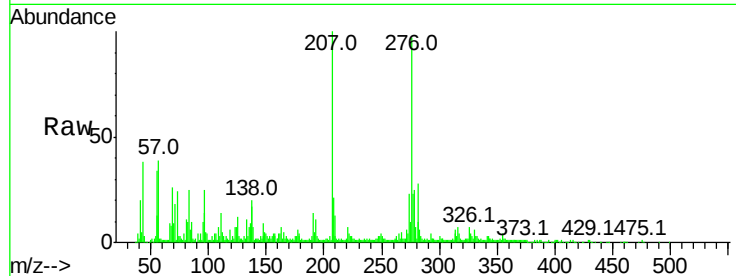
CB3D2

Tot Ion:	278	Resp:	105226
Ion Ratio	Lower	Upper	
278	100		
139	26.0	9.0	13.4#
279	28.0	19.1	28.7

Manual Integrations
APPROVED

Sohil

9/25/2017 6:23:28 PM



#94

Benzo(g,h,i)perylene

Concen: 5.276 ng/ul

RT: 27.05 min Scan# 4040

Delta R.T. 0.00 min

Lab File: BM011690.D

Acq: 22 Sep 2017 13:24

Tgt Ion:	276	Resp:	349191
Ion Ratio	Lower	Upper	
276	100		
138	23.2	11.2	16.8#
277	25.3	19.0	28.6

