

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM120417\
 Data File : BM013176.D
 Acq On : 04 Dec 2017 20:46
 Operator : SJ/JU
 Sample : I6646-10
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0259

Manual Integrations
 APPROVED

Sohil
 12/5/2017 3:25:50 PM

Quant Time: Dec 05 06:00:17 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 05 04:53:13 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	280771	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	1231948	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	726079	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	1568648	20.00	ng/ul	0.00
75) Chrysene-d12	21.27	240	1157623	20.00	ng/ul	0.00
83) Perylene-d12	23.50	264	917441	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	15749m	2.78	ng/uL	0.00
5) Phenol-d5	6.88	99	417210	17.17	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	253974	18.33	ng/ul	0.00
9) 2-Chlorophenol-d4	7.24	132	354300	18.66	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	332452	16.02	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	181057	18.53	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	197071	18.85	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.11	165	365321	16.95	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	402388	20.32	ng/ul	0.00
43) Dimethylphthalate-d6	13.76	166	1196125	18.51	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	1482793	18.60	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	165398	14.73	ng/ul	0.00
57) Fluorene-d10	15.34	176	1036039	18.65	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	141177	14.31	ng/ul	0.00
70) Anthracene-d10	17.19	188	1546051	19.68	ng/ul	0.00
76) Pyrene-d10	19.48	212	1508517	26.16	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.36	264	929078	19.88	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	6.90	94	44322	1.846 ng/ul	88
44) Dimethylphthalate	13.80	163	214782	3.476 ng/ul	99
69) Phenanthrene	17.13	178	569266	6.388 ng/ul	97
74) Fluoranthene	19.14	202	930481	8.520 ng/ul#	92
77) Pyrene	19.51	202	782349	11.124 ng/ul#	92
80) Benzo(a)anthracene	21.26	228	246896	3.361 ng/ul	97
82) Chrysene	21.31	228	336835	4.943 ng/ul	98
85) Benzo(b)fluoranthene	22.83	252	323717	5.234 ng/ul#	90
86) Benzo(k)fluoranthene	22.87	252	123210	2.117 ng/ul#	88
88) Benzo(a)pyrene	23.40	252	175941	3.167 ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	25.73	276	147133	2.669 ng/ul#	96
91) Benzo(g,h,i)perylene	26.42	276	127313	2.928 ng/ul#	93

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

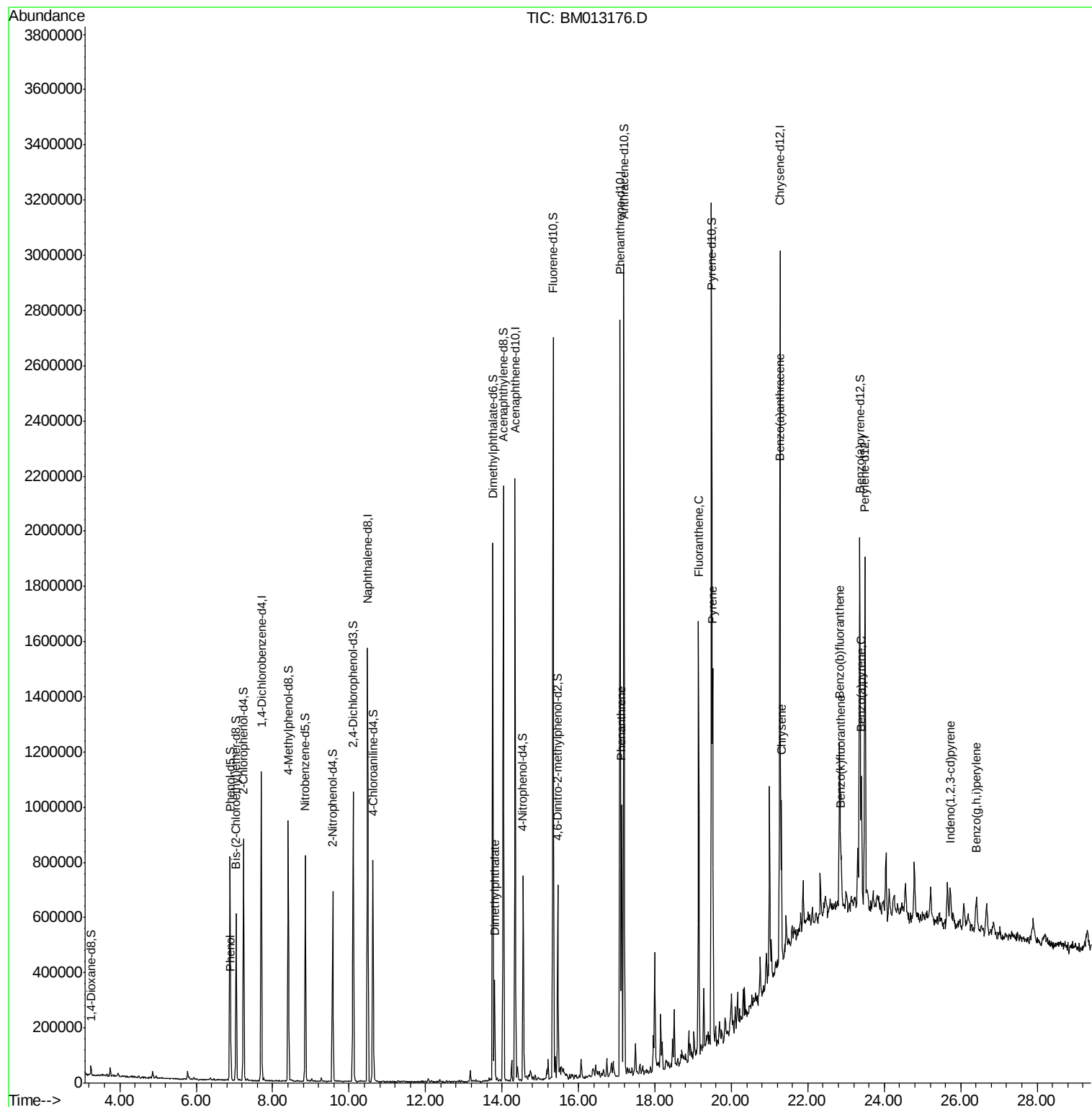
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM120417\
Data File : BM013176.D
Acq On : 04 Dec 2017 20:46
Operator : SJ/JU
Sample : I6646-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

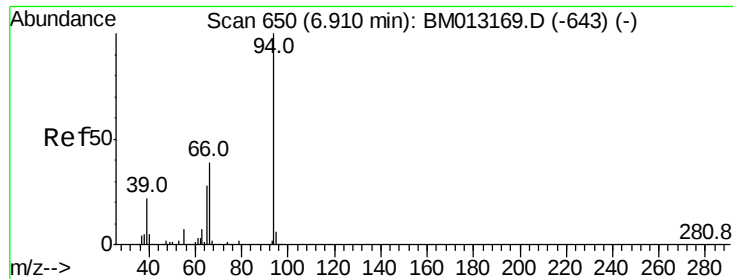
Instrument :
BNA_M
ClientSampled :
C0259

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12/5/2017 3:25:50 PM

Quant Time: Dec 05 06:00:17 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 05 04:53:13 2017
Response via : Initial Calibration





#6

Phenol

Concen: 1.846 ng/ul

RT: 6.90 min Scan# 649

Delta R.T. -0.01 min

Lab File: BM013176.D

Acq: 04 Dec 2017 20:46

Instrument :

BNA_M

ClientSampled :

C0259

Tot Ion: 94 Resp: 44322

Ion Ratio Lower Upper

94 100

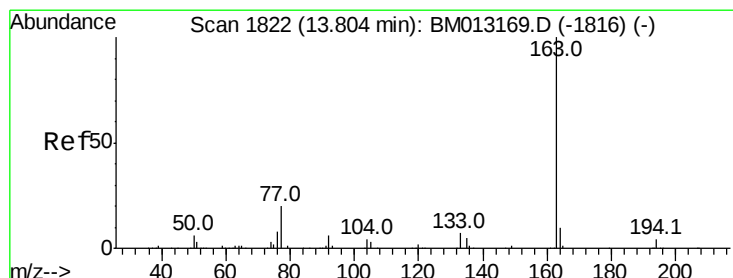
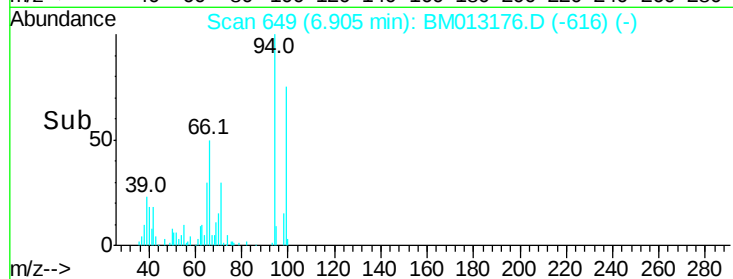
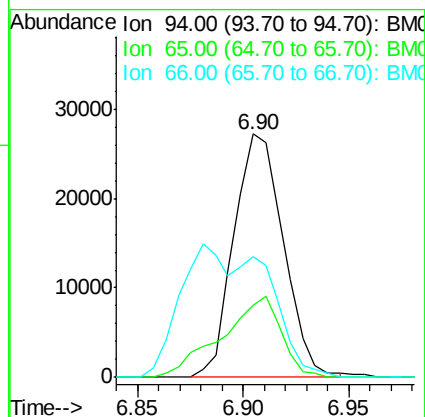
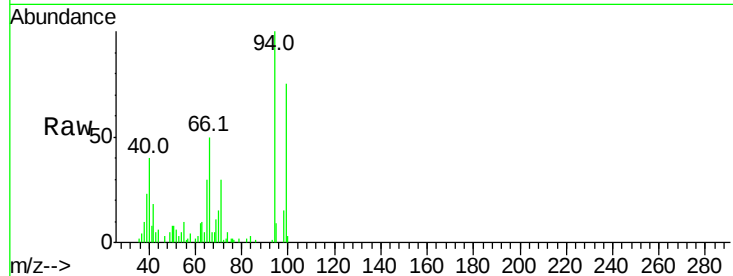
65 29.6 28.2 42.4

66 49.5 47.2 70.8

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#44

Dimethylphthalate

Concen: 3.476 ng/ul

RT: 13.80 min Scan# 1822

Delta R.T. 0.00 min

Lab File: BM013176.D

Acq: 04 Dec 2017 20:46

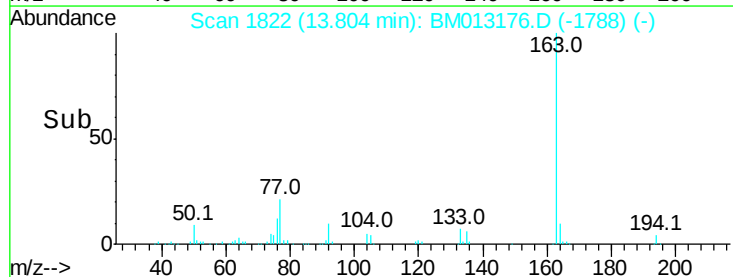
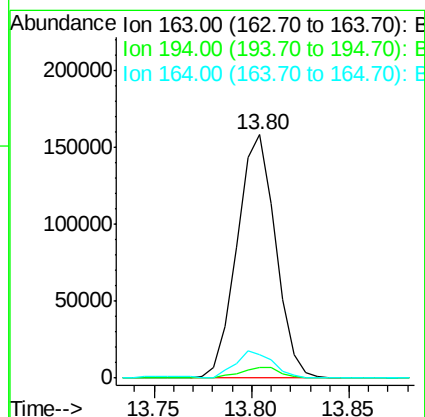
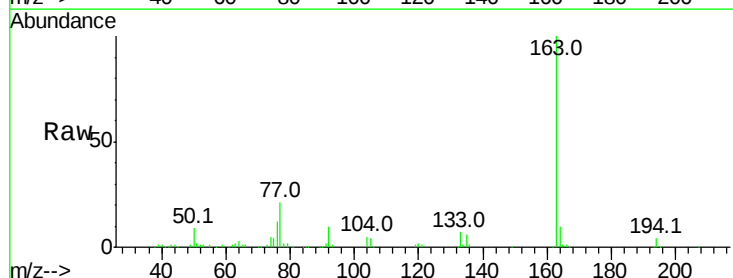
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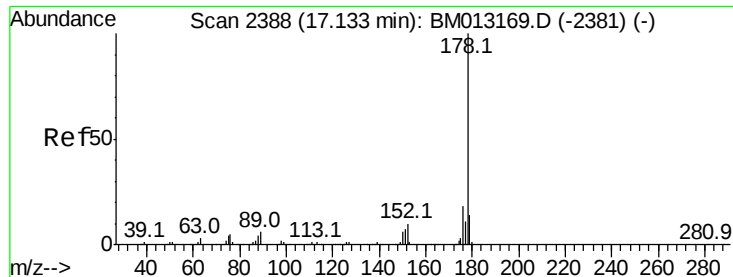
Ion Ratio Lower Upper

163 100

194 4.4 3.5 5.3

164 9.9 8.2 12.4





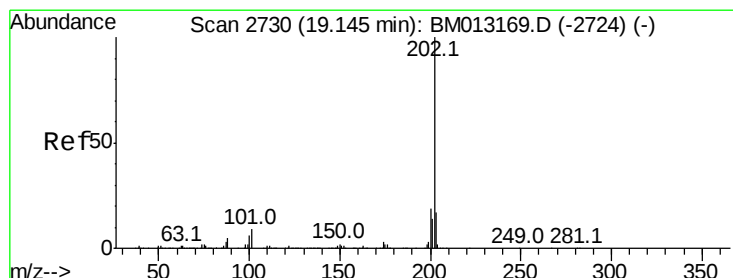
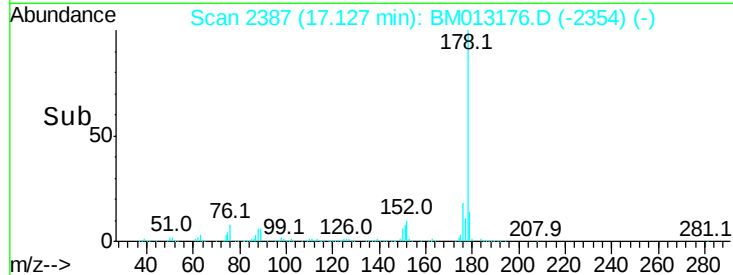
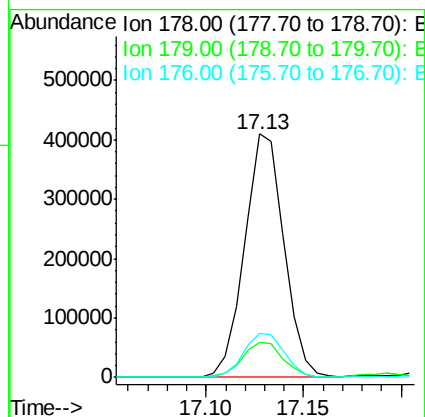
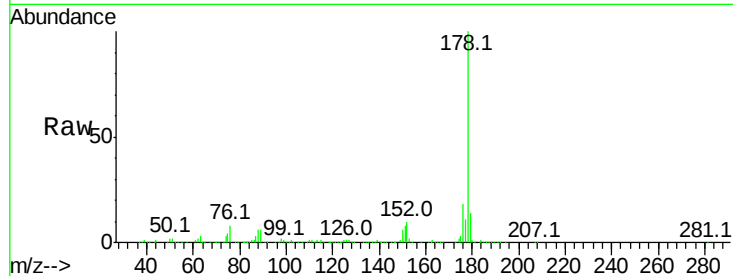
#69
Phenanthrene
Concen: 6.388 ng/ul
RT: 17.13 min Scan# 2387
Delta R.T. -0.01 min
Lab File: BM013176.D
Acq: 04 Dec 2017 20:46

Instrument :
BNA_M
ClientSampled :
C0259

Tot Ion	Ratio	Lower	Upper
178	100		
179	14.3	12.6	19.0
176	17.8	14.9	22.3

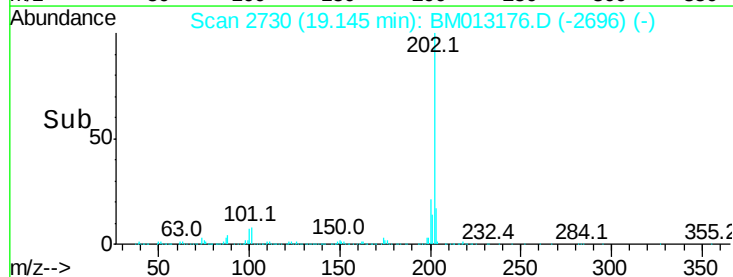
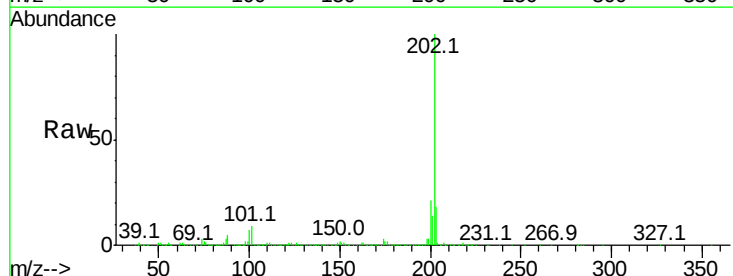
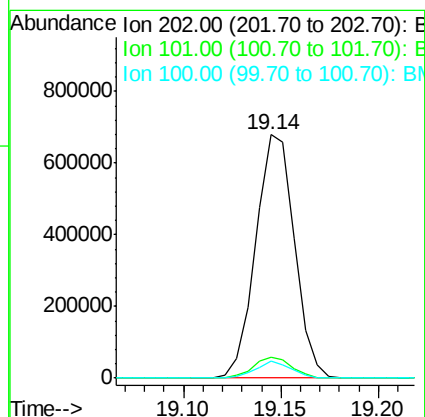
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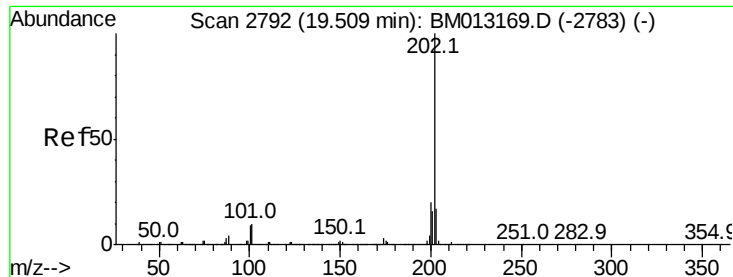
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#74
Fluoranthene
Concen: 8.520 ng/ul
RT: 19.14 min Scan# 2730
Delta R.T. 0.00 min
Lab File: BM013176.D
Acq: 04 Dec 2017 20:46

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.5	4.6	7.0#
100	6.9	3.4	5.2#





#77

Pvrene

Concen: 11.124 ng/ul

RT: 19.51 min Scan# 2792

Delta R.T. 0.00 min

Lab File: BM013176.D

Acq: 04 Dec 2017 20:46

Instrument :

BNA_M

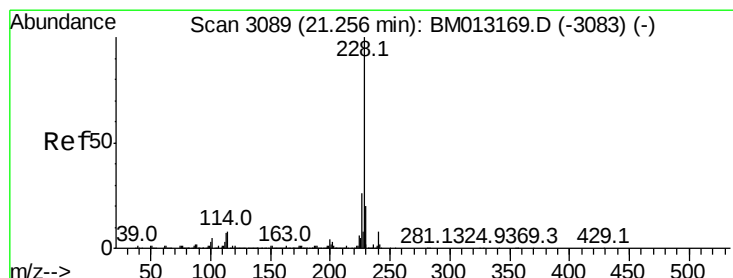
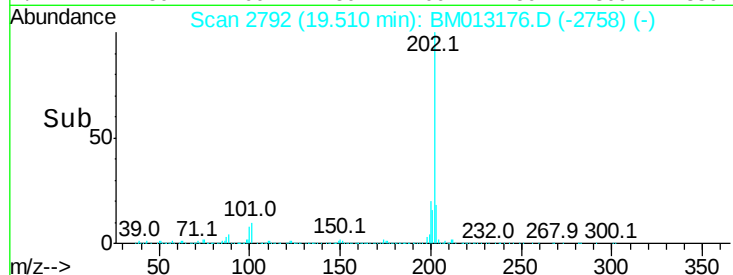
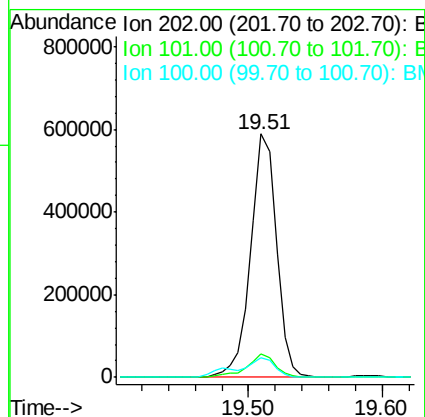
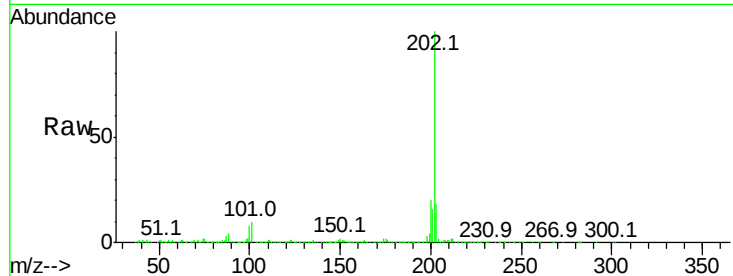
ClientSampleId :

C0259

Tot Ion:	202	Resp:	782349
Ion Ratio		Lower	Upper
202	100		
101	9.7	5.1	7.7#
100	8.0	4.9	7.3#

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#80

Benzo(a)anthracene

Concen: 3.361 ng/ul

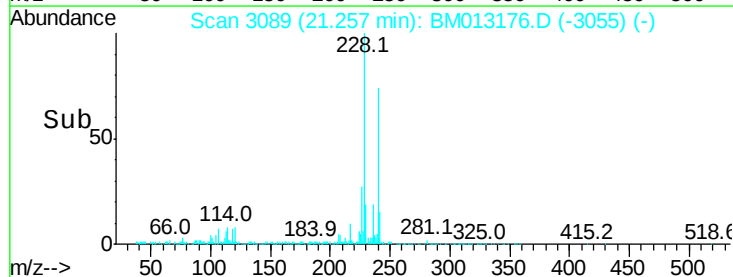
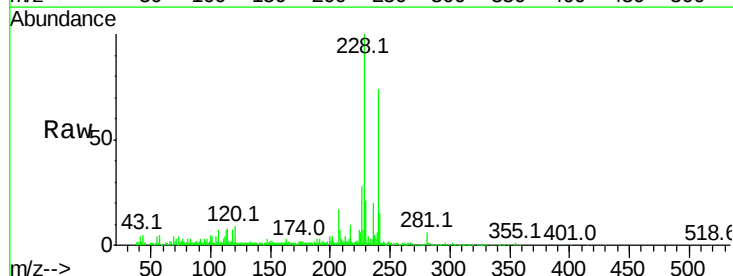
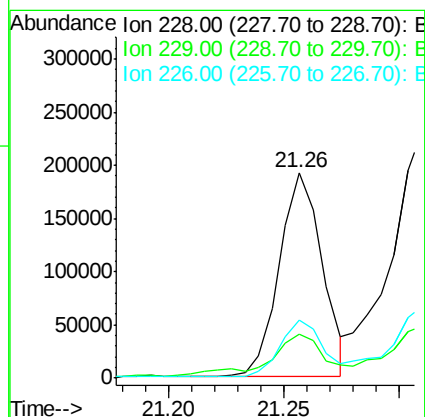
RT: 21.26 min Scan# 3089

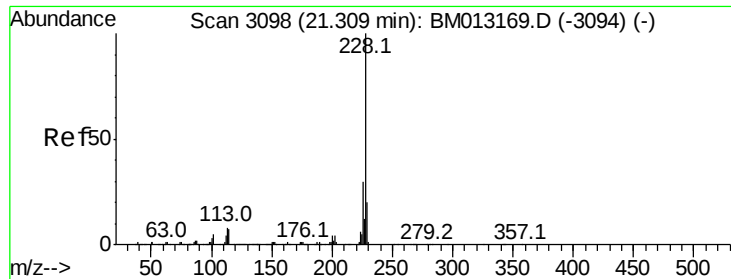
Delta R.T. 0.00 min

Lab File: BM013176.D

Acq: 04 Dec 2017 20:46

Tgt Ion:	228	Resp:	246896
Ion Ratio		Lower	Upper
228	100		
229	21.1	15.4	23.0
226	28.0	21.4	32.0





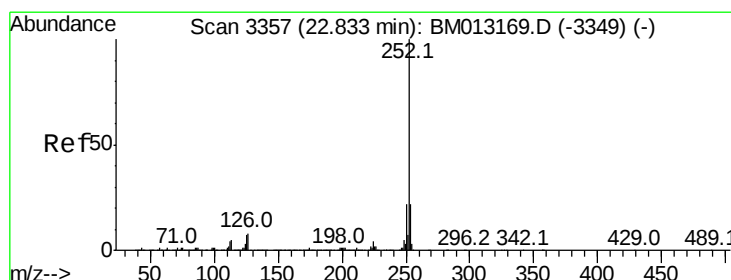
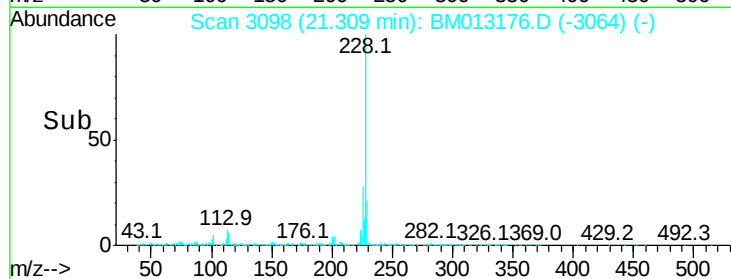
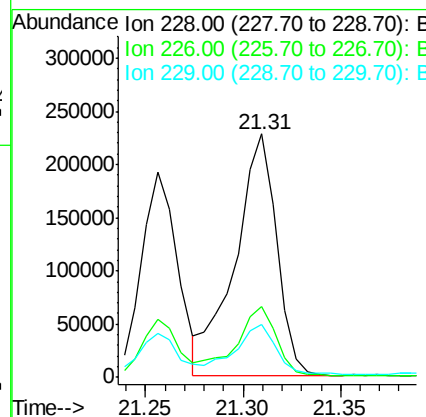
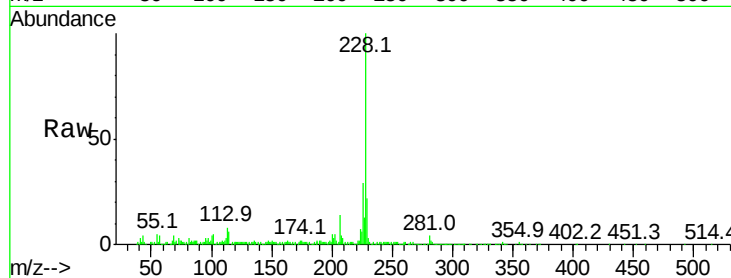
#82
Chrysene
Concen: 4.943 ng/ul
RT: 21.31 min Scan# 3098
Delta R.T. 0.00 min
Lab File: BM013176.D
Acq: 04 Dec 2017 20:46

Instrument :
BNA_M
ClientSampleId :
C0259

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.4	35.2
229	21.6	15.5	23.3

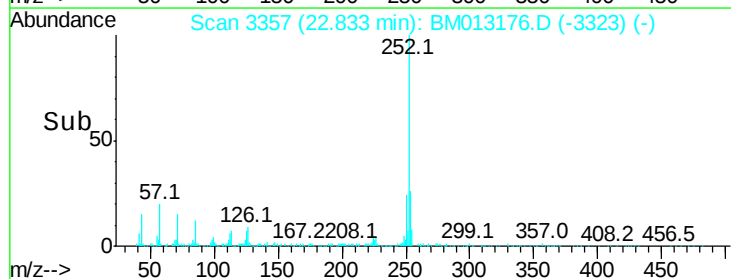
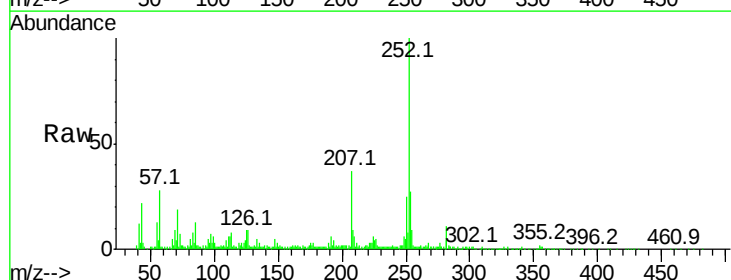
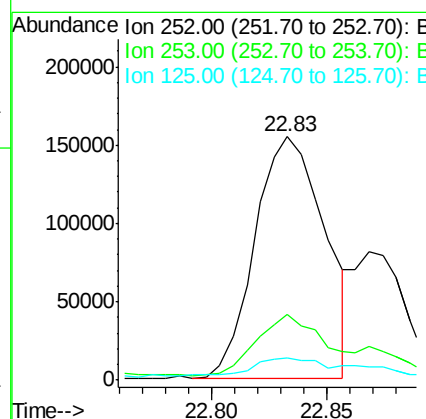
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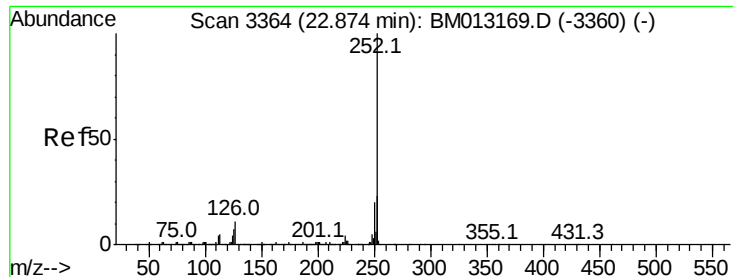
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#85
Benzo(b)fluoranthene
Concen: 5.234 ng/ul
RT: 22.83 min Scan# 3357
Delta R.T. 0.00 min
Lab File: BM013176.D
Acq: 04 Dec 2017 20:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.1	17.9	26.9#
125	9.2	3.6	5.4#





#86

Benzo(k)fluoranthene

Concen: 2.117 ng/ul

RT: 22.87 min Scan# 3363

Delta R.T. -0.01 min

Lab File: BM013176.D

Acq: 04 Dec 2017 20:46

Instrument :

BNA_M

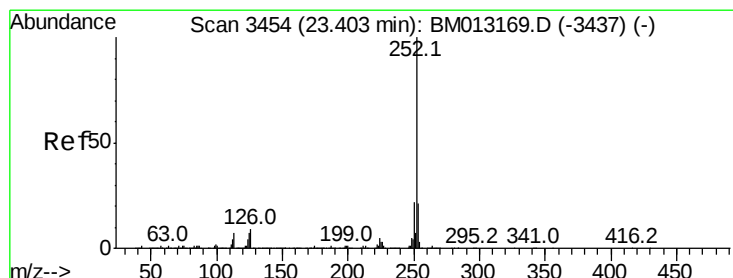
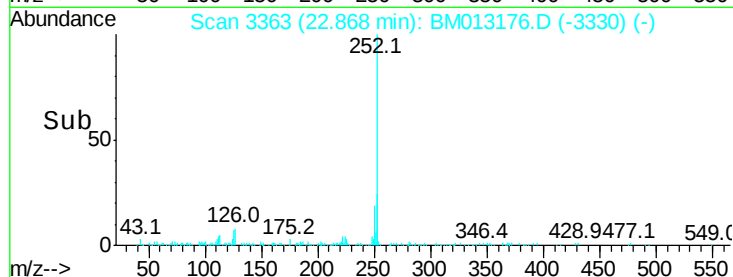
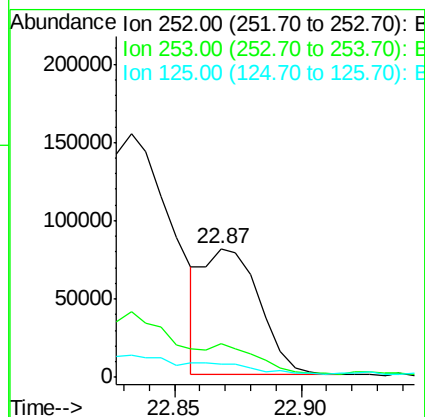
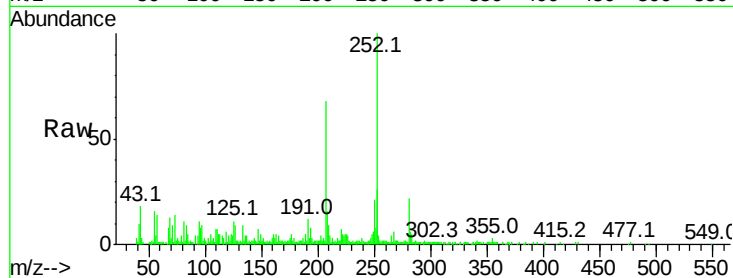
ClientSampleId :

C0259

Tot Ion:	252	Resp:	123210
Ion Ratio	Lower	Upper	
252	100		
253	26.3	17.1	25.7#
125	10.6	3.4	5.2#

Manual Integrations
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#88

Benzo(a)pyrene

Concen: 3.167 ng/ul

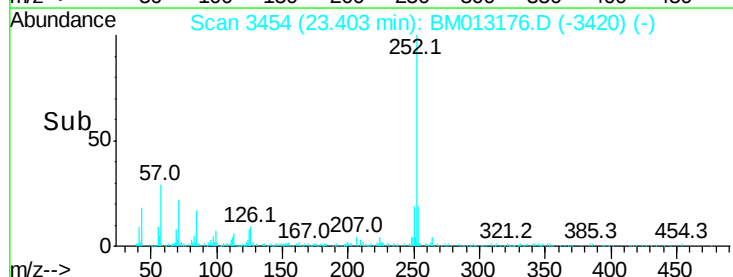
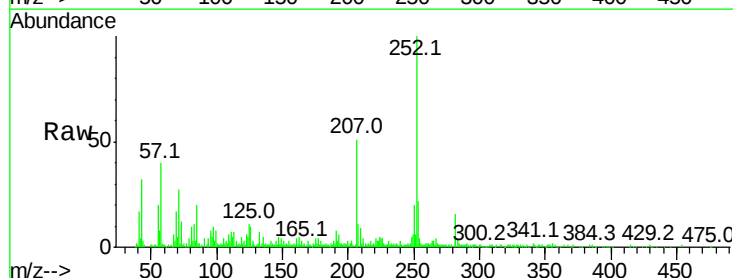
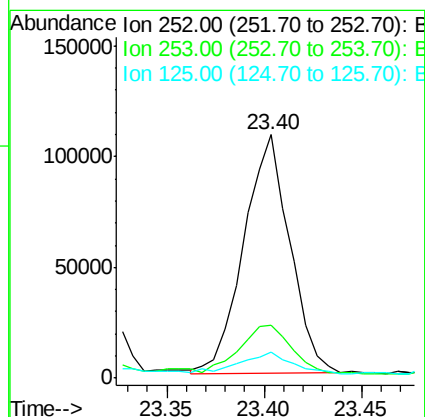
RT: 23.40 min Scan# 3454

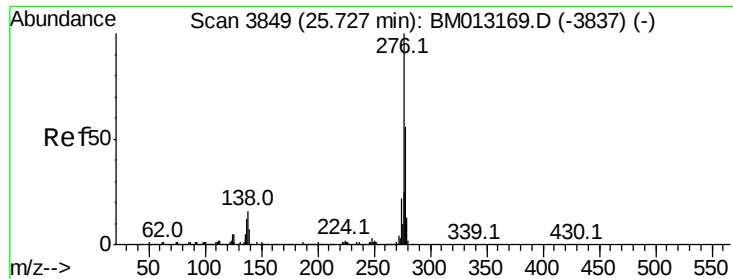
Delta R.T. 0.00 min

Lab File: BM013176.D

Acq: 04 Dec 2017 20:46

Tgt Ion:	252	Resp:	175941
Ion Ratio	Lower	Upper	
252	100		
253	21.9	18.2	27.2
125	10.5	4.0	6.0#





#89

Indeno(1,2,3-cd)pyrene

Concen: 2.669 ng/ul

RT: 25.73 min Scan# 3849

Delta R.T. 0.00 min

Lab File: BM013176.D

Acq: 04 Dec 2017 20:46

Instrument :

BNA_M

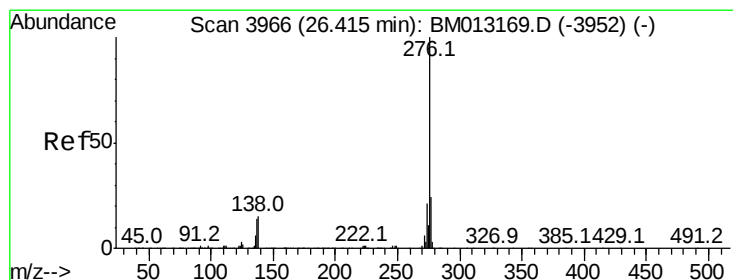
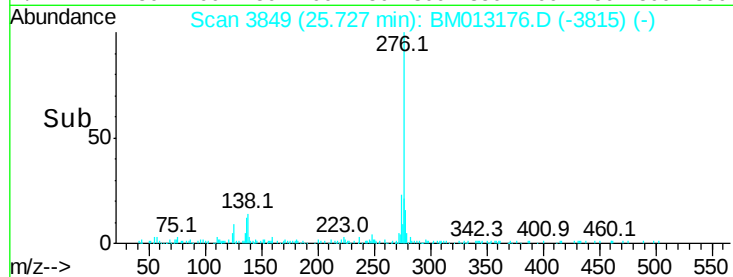
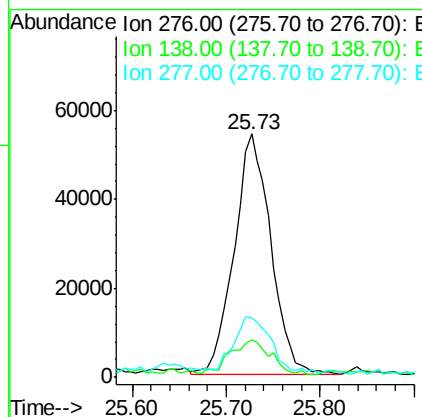
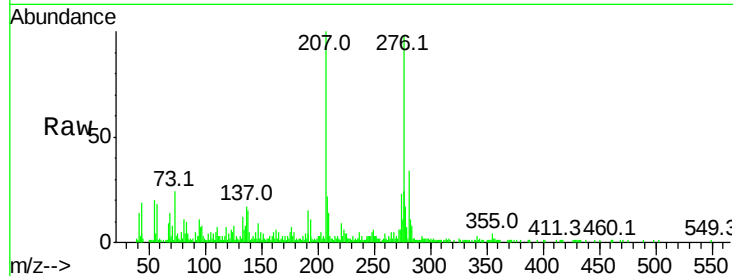
ClientSampled :

C0259

Tot Ion:	276	Resp:	147133
Ion Ratio	Lower	Upper	
276	100		
138	15.4	9.3	13.9#
277	24.2	19.9	29.9

Manual Integrations
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#91

Benzo(g,h,i)perylene

Concen: 2.928 ng/ul

RT: 26.42 min Scan# 3966

Delta R.T. 0.00 min

Lab File: BM013176.D

Acq: 04 Dec 2017 20:46

Tgt Ion:	276	Resp:	127313
Ion Ratio	Lower	Upper	
276	100		
138	15.9	8.5	12.7#
277	21.5	18.6	28.0

