

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM101417\
 Data File : BM012191.D
 Acq On : 15 Oct 2017 03:43
 Operator : SJ/JU
 Sample : I5548-22 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AE8

Manual Integrations
 APPROVED

Sohil
 10/16/2017 7:48:27 PM

Quant Time: Oct 15 07:10:49 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Oct 15 06:19:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	142785	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	621252	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	404294	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.21	188	1027418	20.00	ng/ul	0.00
75) Chrysene-d12	21.39	240	1167275	20.00	ng/ul	0.00
83) Perylene-d12	23.70	264	1024466	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	1879	0.63	ng/uL	0.00
5) Phenol-d5	6.99	99	40203	3.47	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	23423	3.37	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	38743	3.94	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	33553	3.36	ng/ul	0.01
19) Nitrobenzene-d5	8.99	128	17210	3.63	ng/ul	0.01
22) 2-Nitrophenol-d4	9.71	143	20649	3.73	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.26	165	37804	3.57	ng/ul	0.02
29) 4-Chloroaniline-d4	10.78	131	20298m	2.05	ng/ul	0.02
43) Dimethylphthalate-d6	13.87	166	151377	4.24	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	184557	4.27	ng/ul	0.00
51) 4-Nitrophenol-d4	14.72	143	2699	0.50	ng/ul	0.04
57) Fluorene-d10	15.46	176	134108	4.57	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.61	200	6578	0.93	ng/ul	0.01
70) Anthracene-d10	17.31	188	232593	4.58	ng/ul	0.00
76) Pyrene-d10	19.60	212	283504	4.78	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.55	264	220878	4.47	ng/ul	0.00
Target Compounds						
44) Dimethylphthalate	13.92	163	55056	1.538	ng/ul	99
69) Phenanthrene	17.25	178	67959	1.163	ng/ul	96
74) Fluoranthene	19.27	202	202222	2.867	ng/ul#	95
77) Pyrene	19.63	202	186273	2.416	ng/ul#	96
80) Benzo(a)anthracene	21.37	228	116472	1.533	ng/ul	96
81) Bis(2-ethylhexyl)phthalate	21.28	149	80001	1.554	ng/ul	98
82) Chrysene	21.43	228	108052m	1.515	ng/ul	
85) Benzo(b)fluoranthene	23.00	252	143949	2.153	ng/ul#	88
88) Benzo(a)pyrene	23.60	252	97777	1.552	ng/ul#	87
91) Benzo(a,h,i)perylene	26.79	276	68040	1.241	ng/ul#	85

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

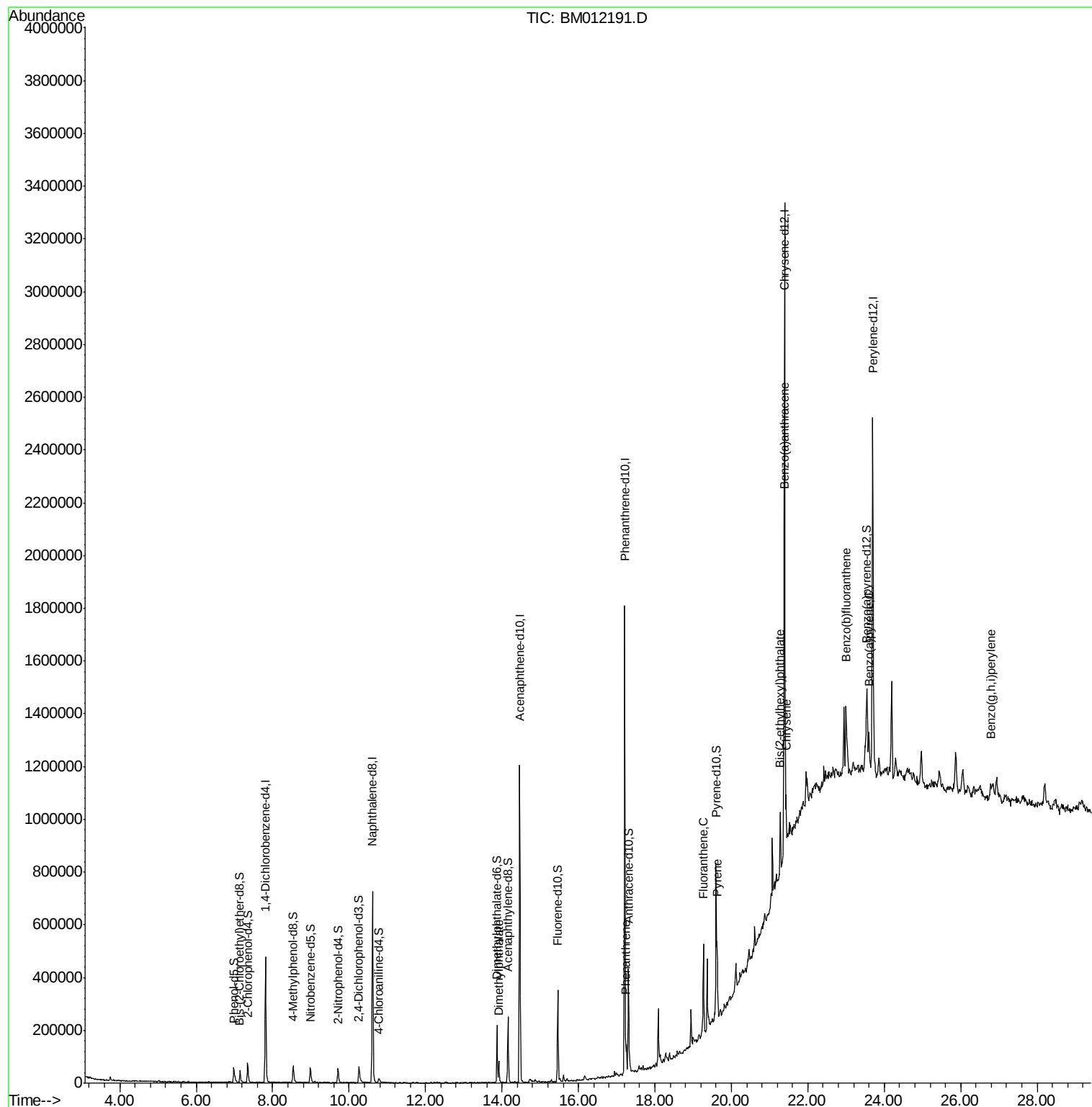
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM101417\
Data File : BM012191.D
Acq On : 15 Oct 2017 03:43
Operator : SJ/JU
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Misc :
ALS Vial : 23 Sample Multiplier: 1

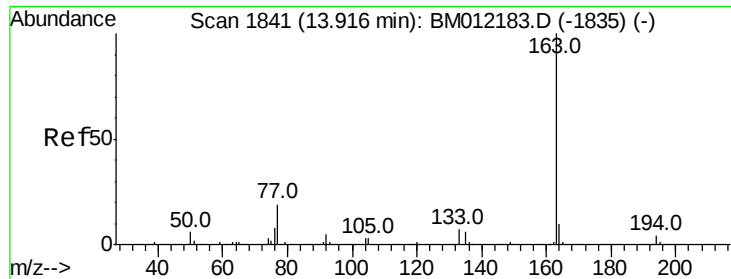
Instrument :
BNA_M
ClientSampleId :
C0AE8

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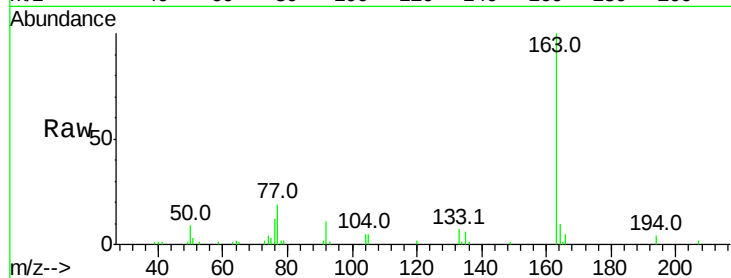
#44
Dimethylphthalate
Concen: 1.538 ng/ul
RT: 13.92 min Scan# 1841
Delta R.T. -0.00 min
Lab File: BM012191.D
Acq: 15 Oct 2017 03:43

Instrument :
BNA_M
ClientSampleId :
C0AE8

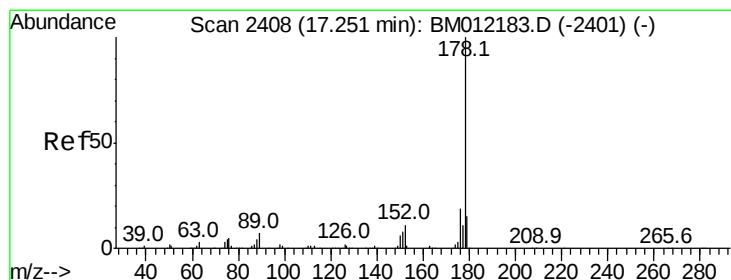
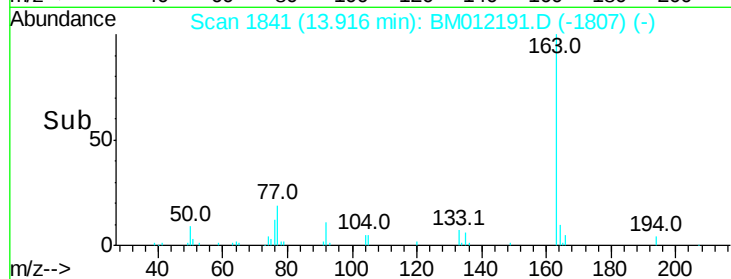
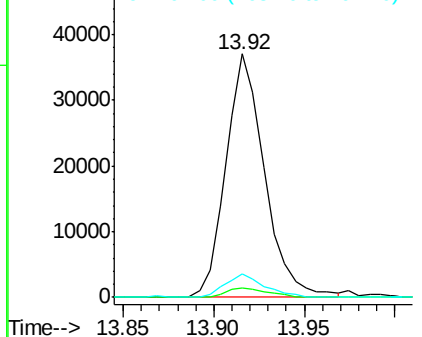
Tot Ion:	163	Resp:	55056
Ion Ratio	Lower	Upper	
163	100		
194	3.9	3.5	5.3
164	9.8	8.2	12.4

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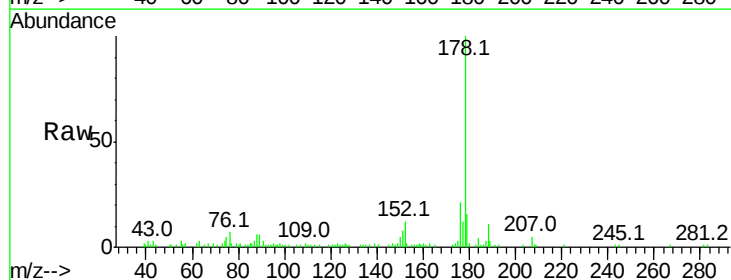


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

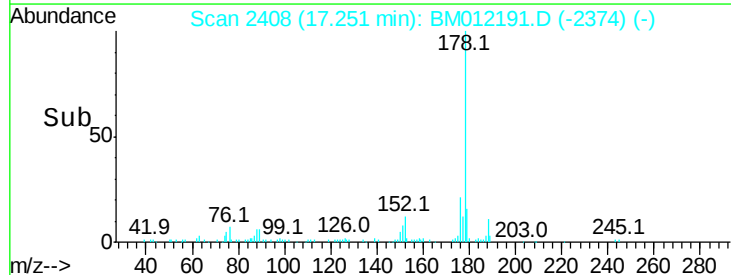
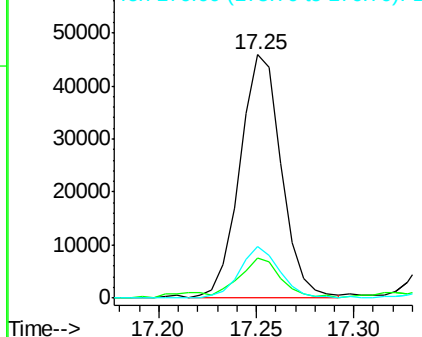


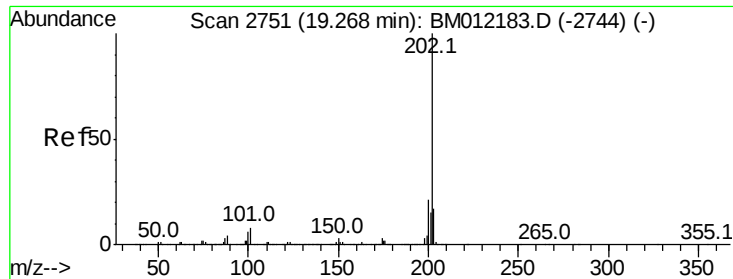
#69
Phenanthrene
Concen: 1.163 ng/ul
RT: 17.25 min Scan# 2408
Delta R.T. -0.00 min
Lab File: BM012191.D
Acq: 15 Oct 2017 03:43

Tgt Ion:	178	Resp:	67959
Ion Ratio	Lower	Upper	
178	100		
179	16.5	12.6	19.0
176	21.0	14.9	22.3



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





#74

Fluoranthene

Concen: 2.867 ng/ul

RT: 19.27 min Scan# 2751

Delta R.T. -0.00 min

Lab File: BM012191.D

Acq: 15 Oct 2017 03:43

Instrument :

BNA_M

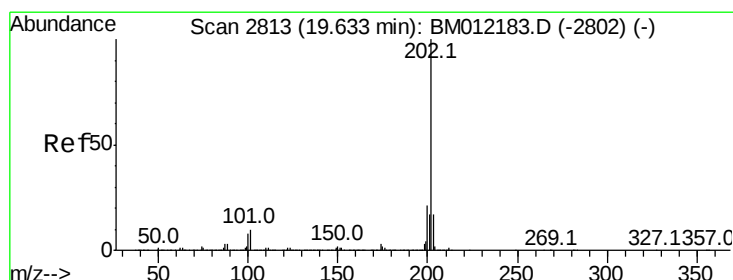
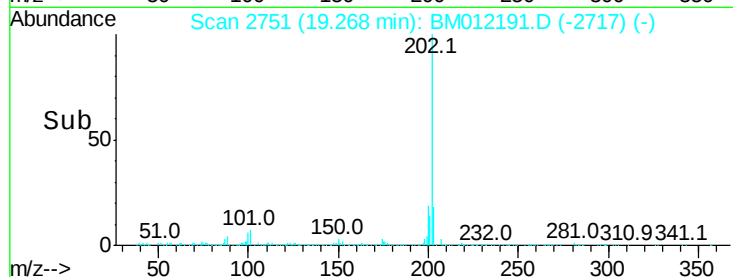
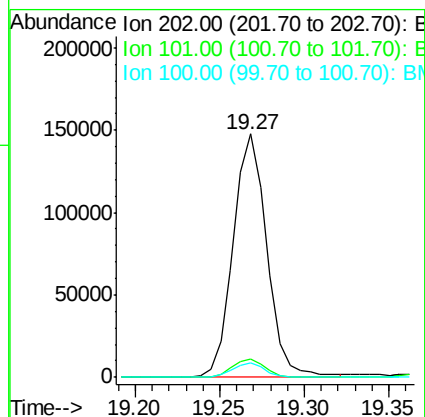
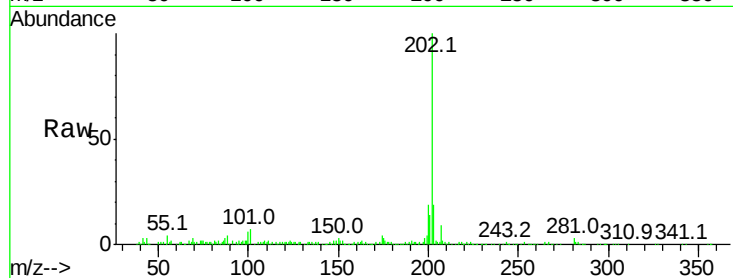
ClientSampleId :

C0AE8

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	7.4	4.6	7.0#
100	5.9	3.4	5.2#

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#77

Pyrene

Concen: 2.416 ng/ul

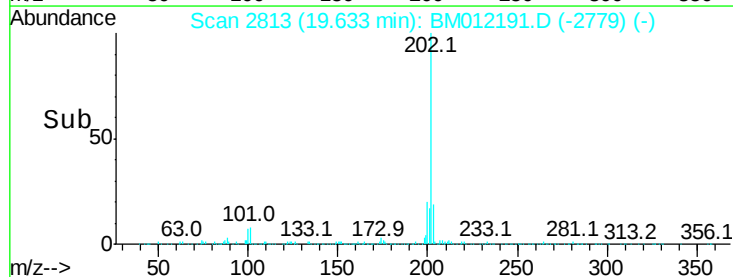
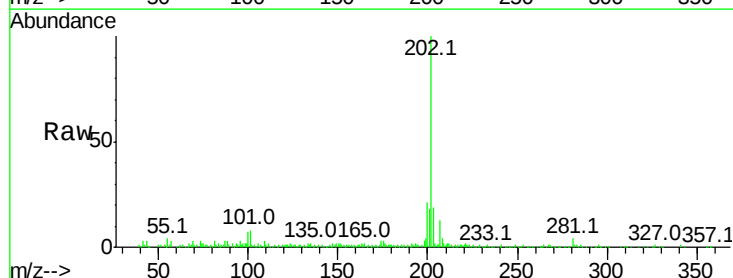
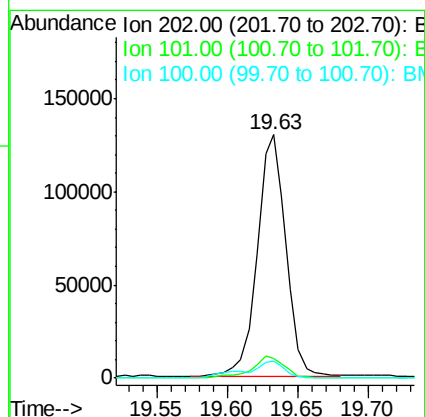
RT: 19.63 min Scan# 2813

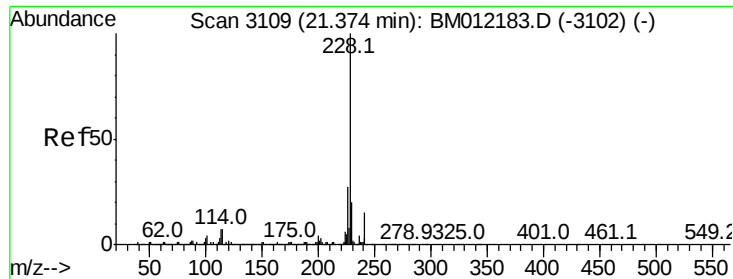
Delta R.T. -0.00 min

Lab File: BM012191.D

Acq: 15 Oct 2017 03:43

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	8.2	5.1	7.7#
100	7.1	4.9	7.3





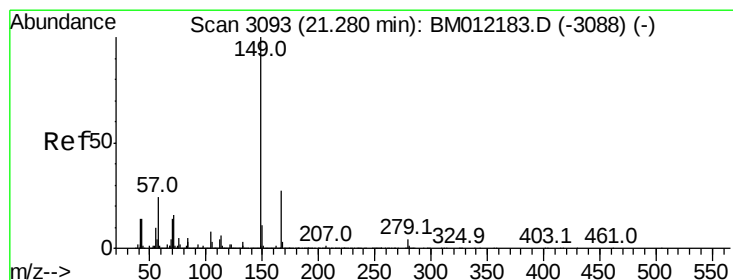
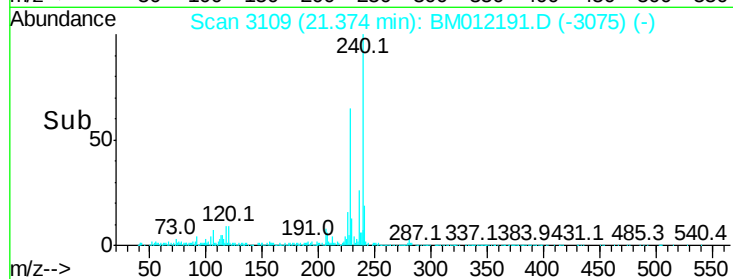
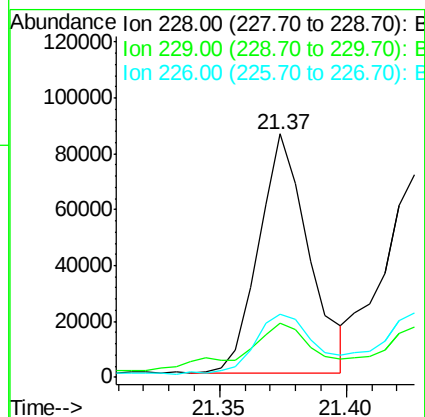
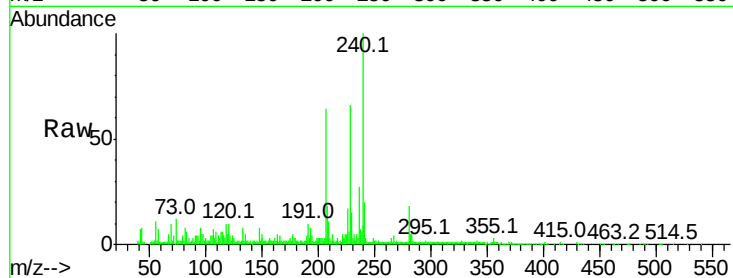
#80
 Benzo(a)anthracene
 Concen: 1.533 ng/ul
 RT: 21.37 min Scan# 3109
 Delta R.T. -0.00 min
 Lab File: BM012191.D
 Acq: 15 Oct 2017 03:43

Instrument :
 BNA_M
 ClientSampled :
 C0AE8

Tot Ion:	228	Resp:	116472
Ion Ratio	Lower	Upper	
228	100		
229	22.2	15.4	23.0
226	26.0	21.4	32.0

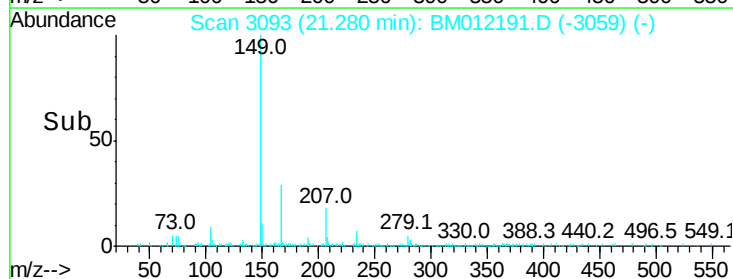
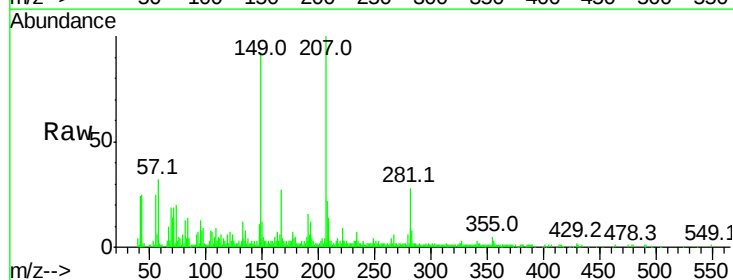
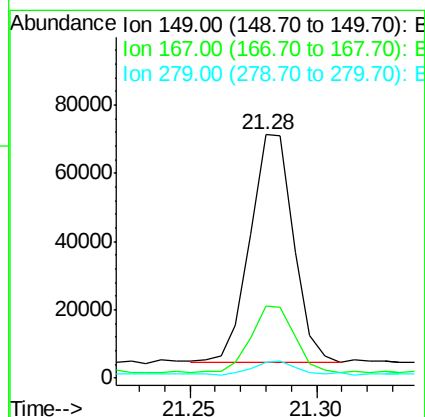
Manual Integrations
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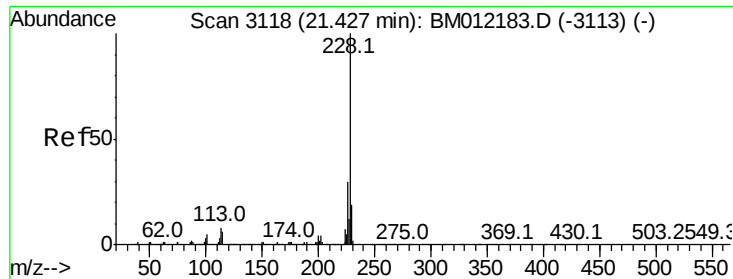
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#81
 Bis(2-ethylhexyl)phthalate
 Concen: 1.554 ng/ul
 RT: 21.28 min Scan# 3093
 Delta R.T. -0.00 min
 Lab File: BM012191.D
 Acq: 15 Oct 2017 03:43

Tgt Ion:	149	Resp:	80001
Ion Ratio	Lower	Upper	
149	100		
167	29.4	22.8	34.2
279	6.7	4.9	7.3





#82

Chrysene

Concen: 1.515 ng/ul m

RT: 21.43 min Scan# 3118

Delta R.T. -0.00 min

Lab File: BM012191.D

Acq: 15 Oct 2017 03:43

Instrument :

BNA_M

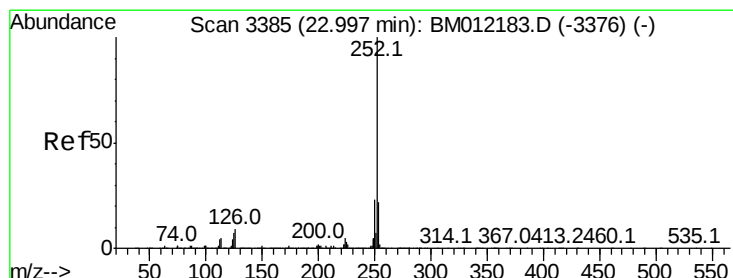
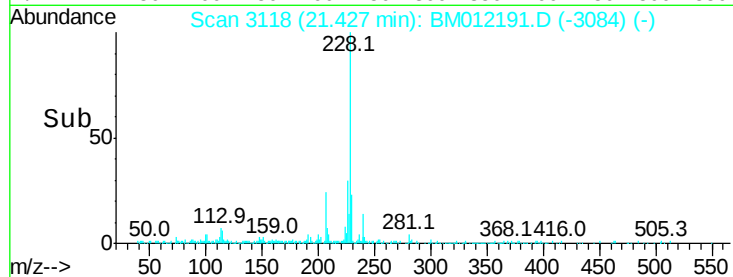
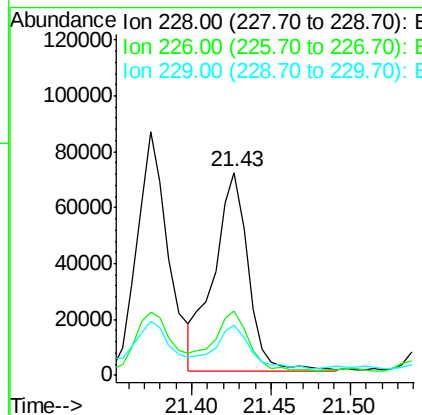
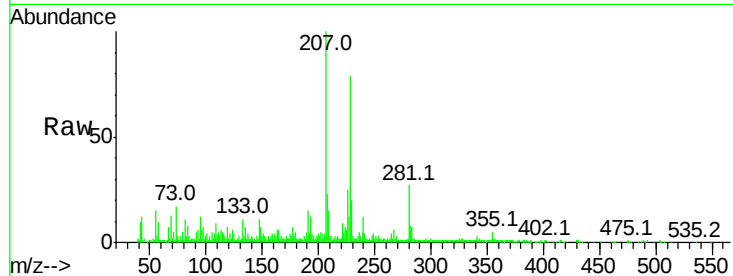
ClientSampled :

C0AE8

Tot Ion:	228	Resp:	108052
Ion Ratio		Lower	Upper
228	100		
226	31.6	23.4	35.2
229	24.8	15.5	23.3#

Manual Integrations
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#85

Benzo(b)fluoranthene

Concen: 2.153 ng/ul

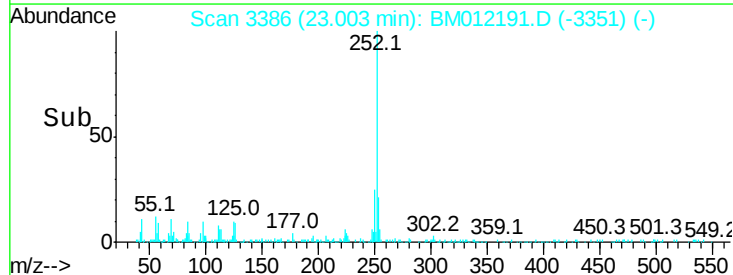
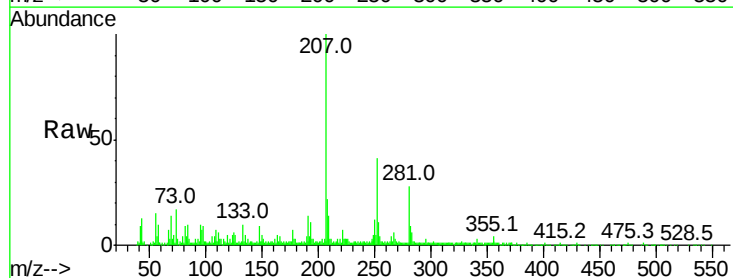
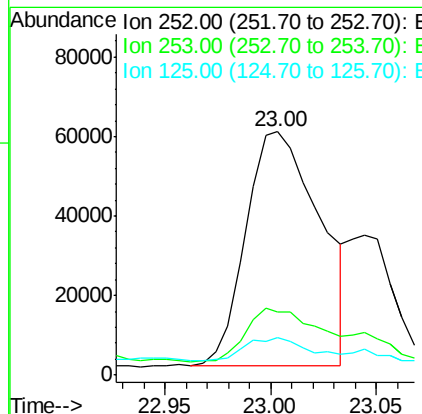
RT: 23.00 min Scan# 3386

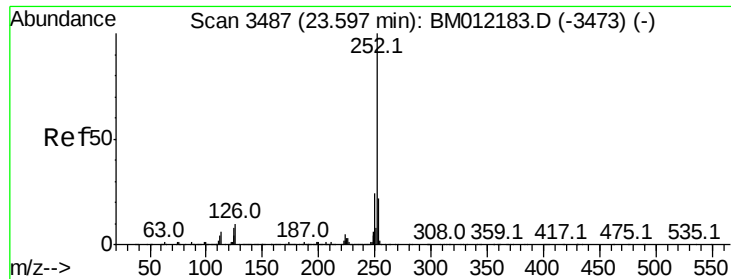
Delta R.T. 0.01 min

Lab File: BM012191.D

Acq: 15 Oct 2017 03:43

Tgt Ion:	252	Resp:	143949
Ion Ratio		Lower	Upper
252	100		
253	26.1	17.9	26.9
125	15.2	3.6	5.4#





#88

Benzo(a)pyrene

Concen: 1.552 ng/ul

RT: 23.60 min Scan# 3487

Delta R.T. -0.00 min

Lab File: BM012191.D

Acq: 15 Oct 2017 03:43

Instrument :

BNA_M

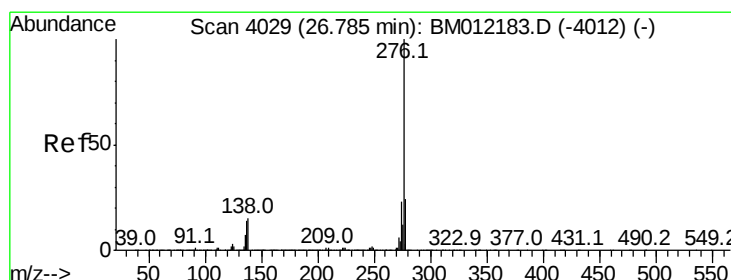
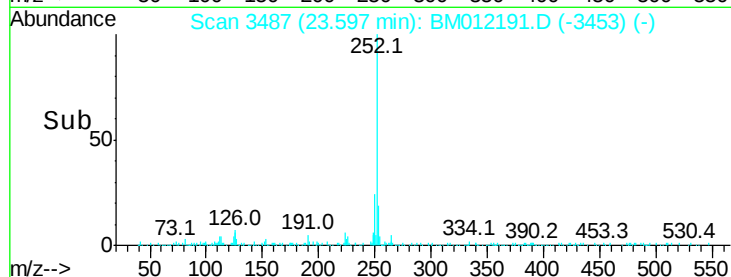
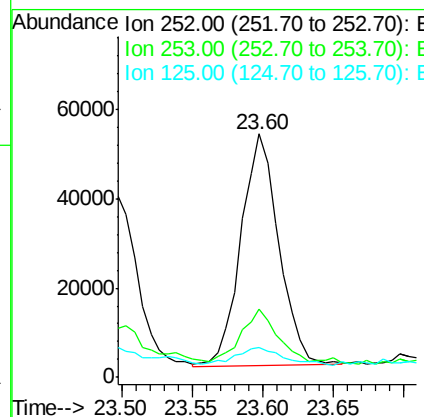
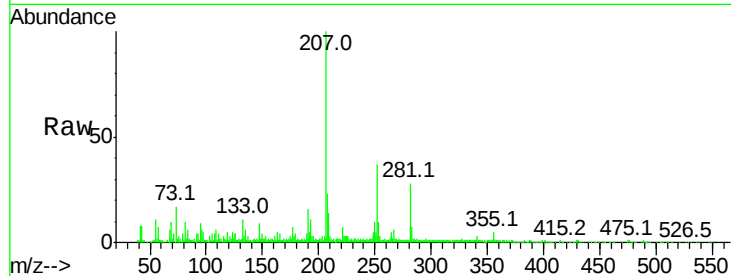
ClientSampleId :

C0AE8

Tot Ion:	252	Resp:	97777
Ion Ratio	Lower	Upper	
252	100		
253	27.8	18.2	27.2#
125	12.1	4.0	6.0#

Manual Integrations
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#91

Benzo(g,h,i)perylene

Concen: 1.241 ng/ul

RT: 26.79 min Scan# 4029

Delta R.T. -0.00 min

Lab File: BM012191.D

Acq: 15 Oct 2017 03:43

Tgt Ion:	276	Resp:	68040
Ion Ratio	Lower	Upper	
276	100		
138	18.3	8.5	12.7#
277	29.3	18.6	28.0#

