

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM101417\
 Data File : BM012187.D
 Acq On : 15 Oct 2017 01:18
 Operator : SJ/JU
 Sample : I5522-17
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AC3

Manual Integrations
 APPROVED

Sohil
 10/16/2017 7:48:18 PM

Quant Time: Oct 15 06:50:31 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	188112	20.00	ng/ul	0.00
18) Naphthalene-d8	10.61	136	849409	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	578940	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.21	188	1460699	20.00	ng/ul	0.00
75) Chrysene-d12	21.39	240	1650217	20.00	ng/ul	0.00
83) Perylene-d12	23.70	264	1452399	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	16485	4.16	ng/uL	0.00
5) Phenol-d5	6.98	99	403355	26.43	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.14	67	227948	24.90	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	361638	27.93	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	330945	25.18	ng/ul	0.00
19) Nitrobenzene-d5	8.98	128	180626	27.87	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	224236	29.61	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	429106	29.67	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	195711	14.46	ng/ul	0.00
43) Dimethylphthalate-d6	13.87	166	1516162	29.63	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	1864357	30.10	ng/ul	0.00
51) 4-Nitrophenol-d4	14.68	143	178625	23.22	ng/ul	0.00
57) Fluorene-d10	15.46	176	1362489	32.44	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.60	200	224163	22.36	ng/ul	0.00
70) Anthracene-d10	17.31	188	2204771	30.53	ng/ul	0.00
76) Pyrene-d10	19.60	212	2877375	34.35	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.55	264	2181826	31.16	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	7.00	94	24603	1.559 ng/ul	98
44) Dimethylphthalate	13.92	163	550755	10.743 ng/ul	99
69) Phenanthrene	17.25	178	107618	1.295 ng/ul	98
74) Fluoranthene	19.27	202	386742	3.857 ng/ul#	92
77) Pyrene	19.63	202	378013	3.469 ng/ul#	94
80) Benzo(a)anthracene	21.37	228	211894	1.973 ng/ul	94
82) Chrysene	21.42	228	213803m	2.121 ng/ul	
85) Benzo(b)fluoranthene	23.00	252	265699	2.803 ng/ul#	81
88) Benzo(a)pyrene	23.60	252	179954	2.014 ng/ul#	92
89) Indeno(1,2,3-cd)pyrene	26.06	276	126819	1.337 ng/ul#	90
91) Benzo(g,h,i)perylene	26.79	276	117481	1.512 ng/ul#	83

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

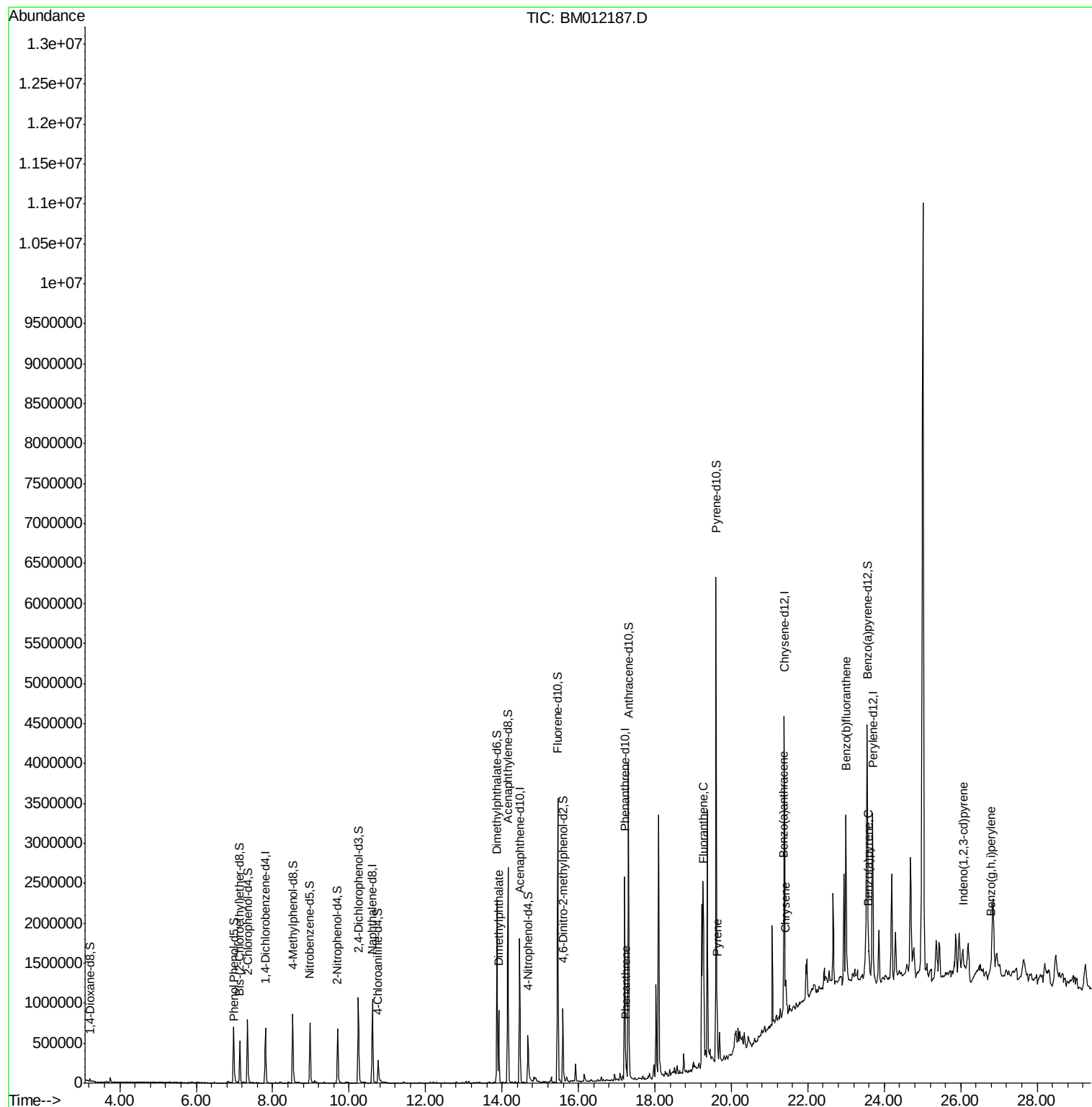
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM101417\
Data File : BM012187.D
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ALS Vial : 19 Sample Multiplier: 1

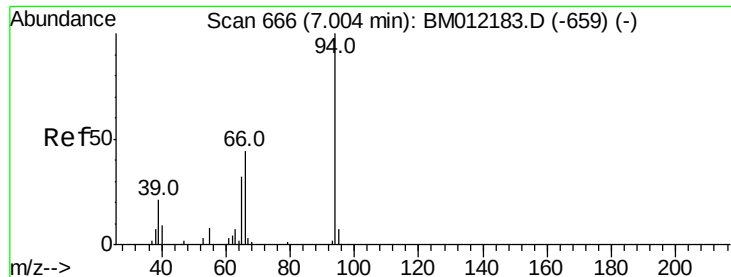
Instrument :
BNA_M
ClientSampleId :
C0AC3

Manual Integrations
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Quant Time: Oct 15 06:50:31 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





#6

Phenol

Concen: 1.559 ng/ul

RT: 7.00 min Scan# 666

Delta R.T. 0.00 min

Lab File: BM012187.D

Acq: 15 Oct 2017 01:18

Instrument :

BNA_M

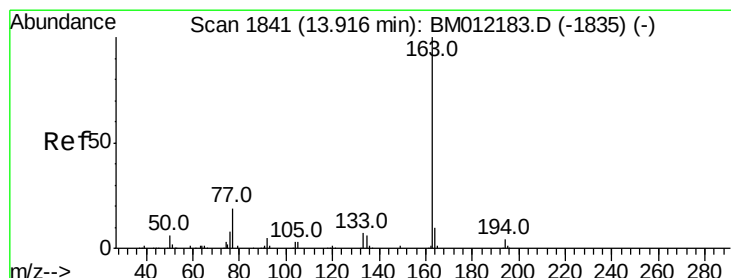
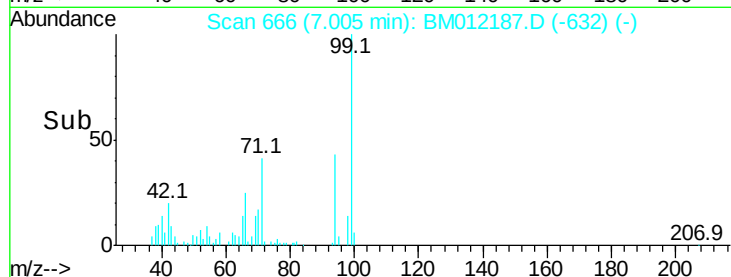
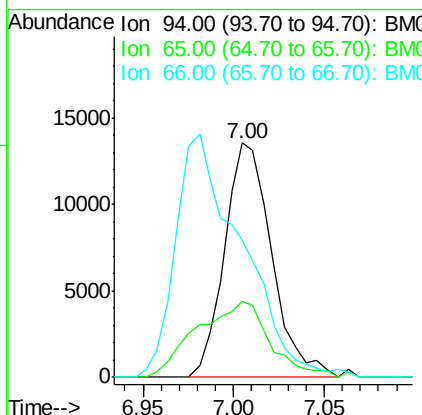
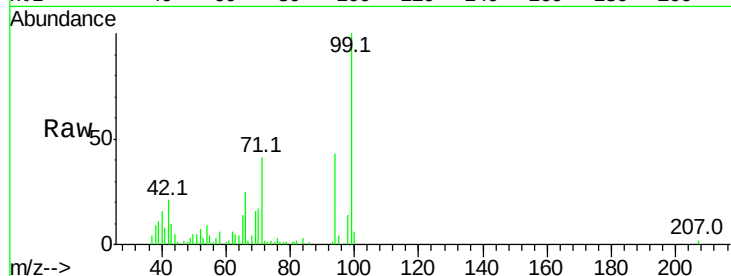
ClientSampleId :

C0AC3

Tot Ion:	94	Resp:	24603
Ion Ratio	Lower	Upper	
94	100		
65	32.4	28.2	42.4
66	58.7	47.2	70.8

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#44

Dimethylphthalate

Concen: 10.743 ng/ul

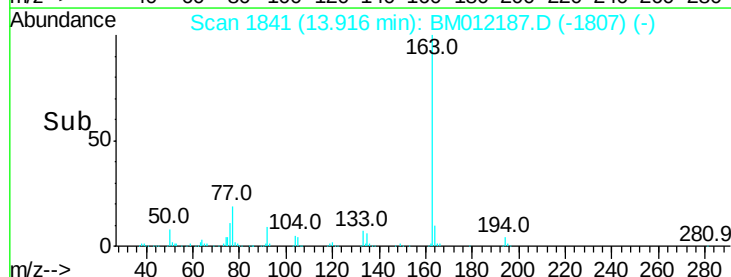
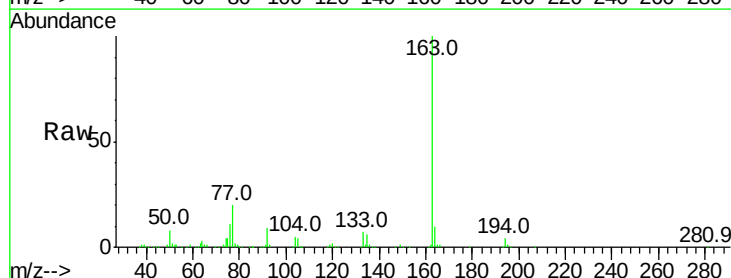
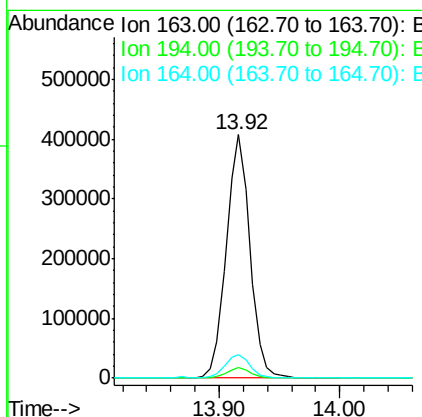
RT: 13.92 min Scan# 1841

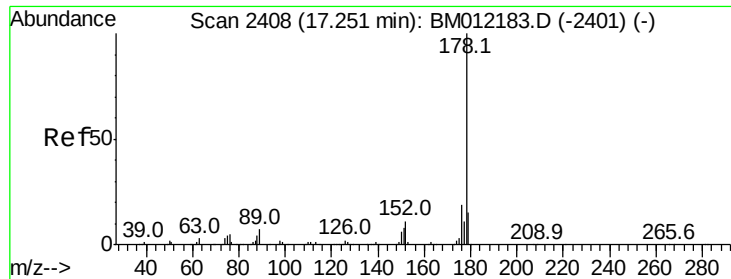
Delta R.T. 0.00 min

Lab File: BM012187.D

Acq: 15 Oct 2017 01:18

Tgt Ion:	163	Resp:	550755
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.5	5.3
164	9.8	8.2	12.4





#69

Phenanthrene

Concen: 1.295 ng/ul

RT: 17.25 min Scan# 2408

Delta R.T. 0.00 min

Lab File: BM012187.D

Acq: 15 Oct 2017 01:18

Instrument :

BNA_M

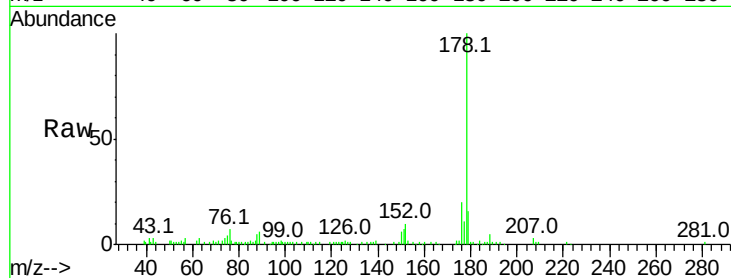
ClientSampled :

C0AC3

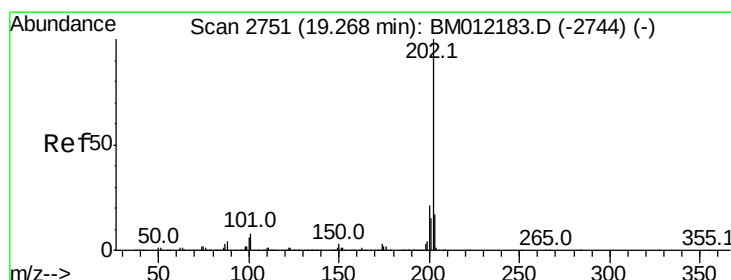
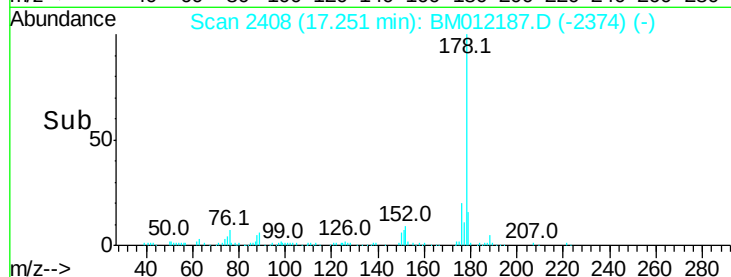
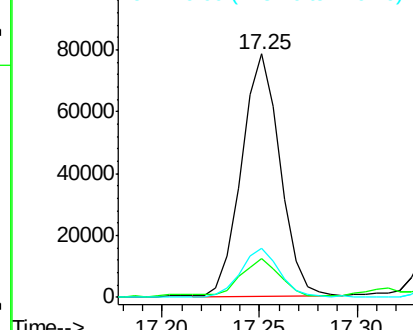
Tot Ion:178	Resp:	107618
Ion Ratio	Lower	Upper
178	100	
179	16.1	12.6 19.0
176	20.1	14.9 22.3

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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



#74

Fluoranthene

Concen: 3.857 ng/ul

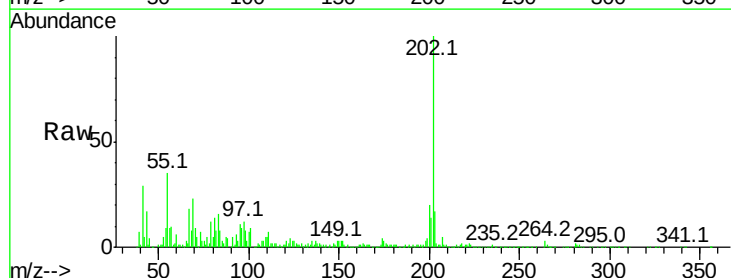
RT: 19.27 min Scan# 2751

Delta R.T. 0.00 min

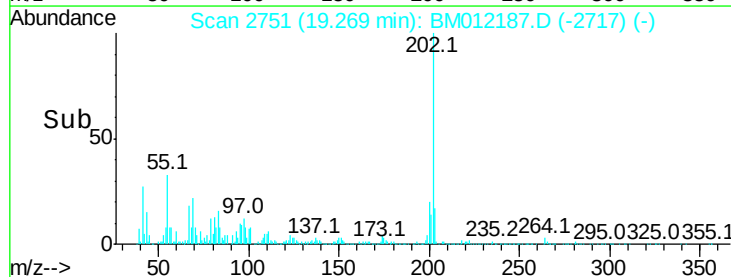
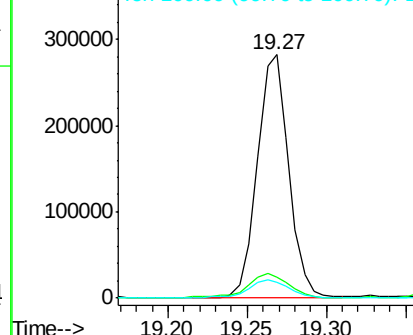
Lab File: BM012187.D

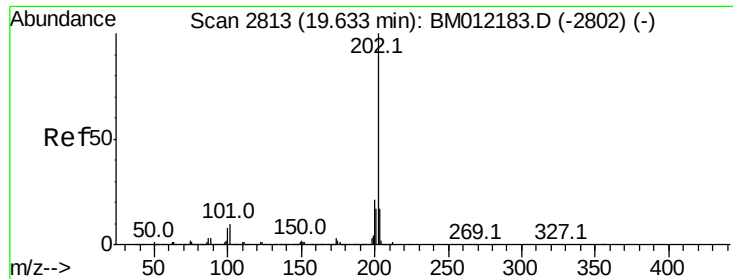
Acq: 15 Oct 2017 01:18

Tgt Ion:202	Resp:	386742
Ion Ratio	Lower	Upper
202	100	
101	8.7	4.6 7.0#
100	6.7	3.4 5.2#



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





#77

Pvrene

Concen: 3.469 ng/ul

RT: 19.63 min Scan# 2813

Delta R.T. 0.00 min

Lab File: BM012187.D

Acq: 15 Oct 2017 01:18

Instrument :

BNA_M

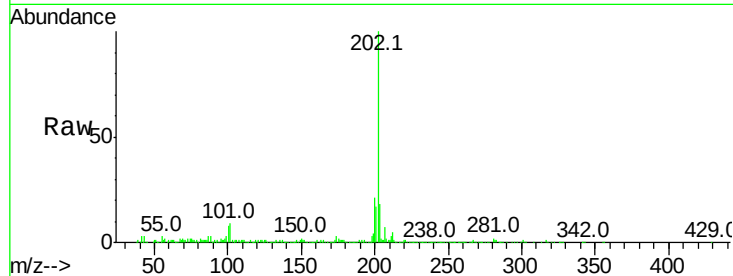
ClientSampleId :

C0AC3

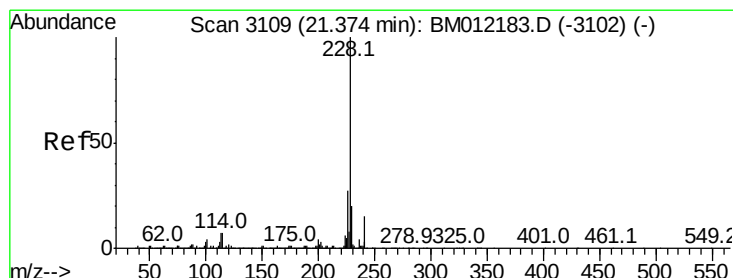
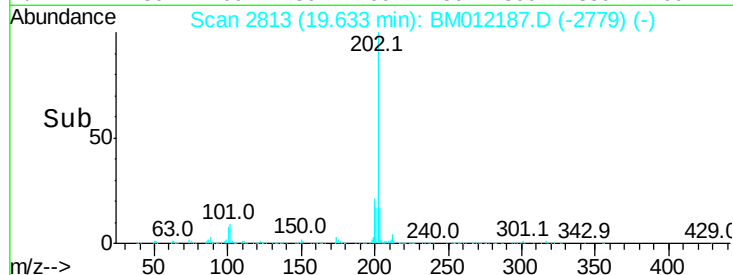
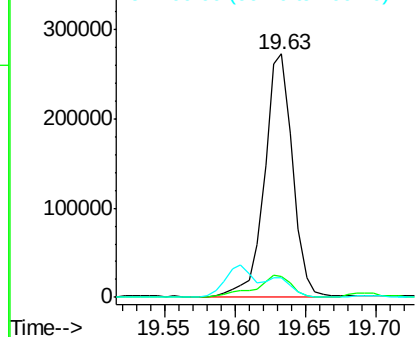
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	8.8	5.1	7.7#
100	7.9	4.9	7.3#

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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



#80

Benzo(a)anthracene

Concen: 1.973 ng/ul

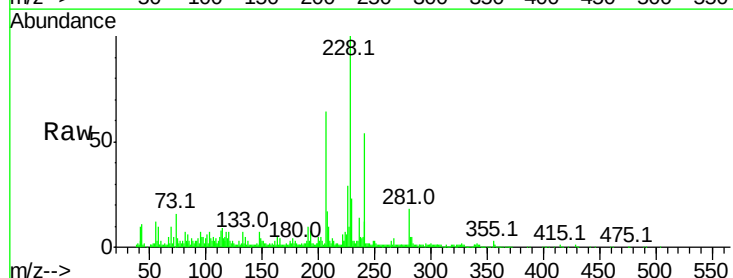
RT: 21.37 min Scan# 3108

Delta R.T. -0.01 min

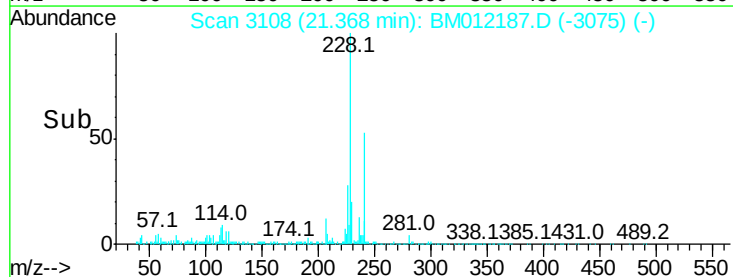
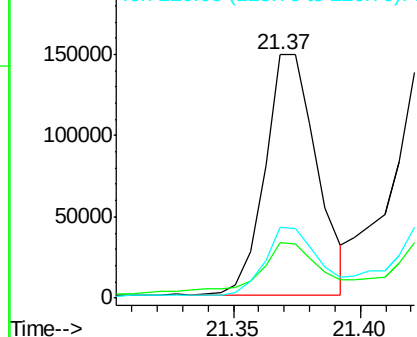
Lab File: BM012187.D

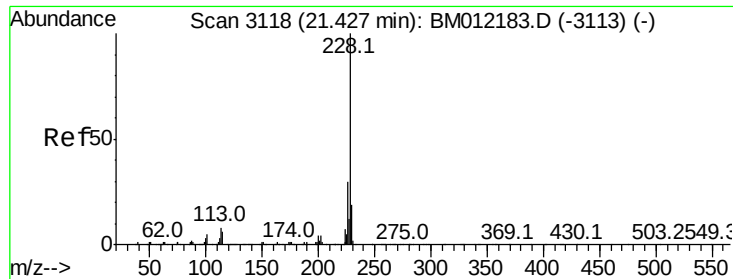
Acq: 15 Oct 2017 01:18

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	22.7	15.4	23.0
226	28.8	21.4	32.0



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 2.121 ng/ul m

RT: 21.42 min Scan# 3117

Delta R.T. -0.01 min

Lab File: BM012187.D

Acq: 15 Oct 2017 01:18

Instrument :

BNA_M

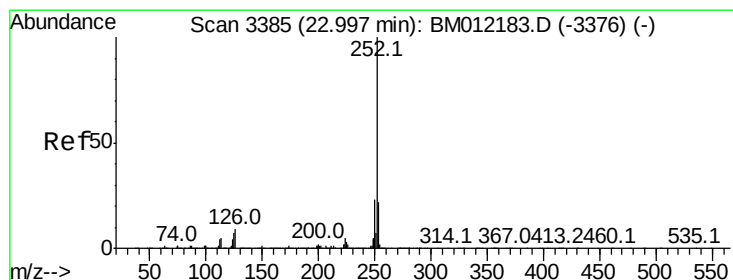
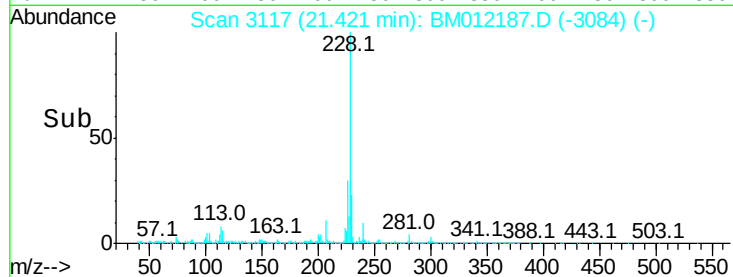
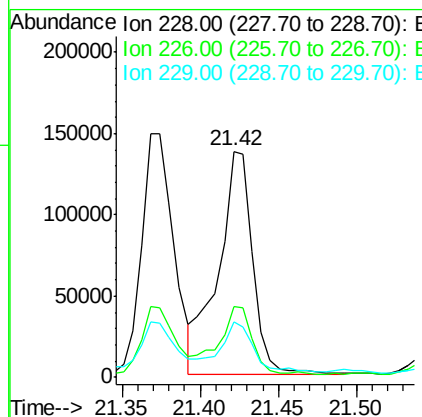
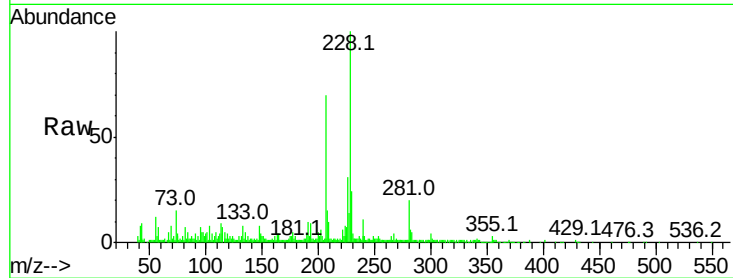
ClientSampleId :

C0AC3

Tot Ion:	228	Resp:	213803
Ion Ratio		Lower	Upper
228	100		
226	31.4	23.4	35.2
229	24.3	15.5	23.3#

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#85

Benzo(b)fluoranthene

Concen: 2.803 ng/ul

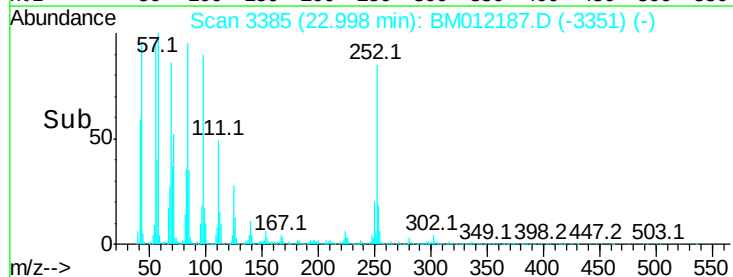
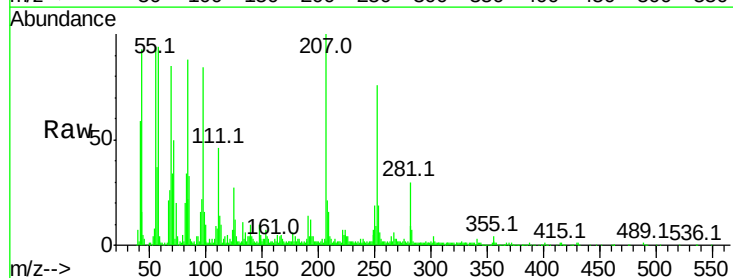
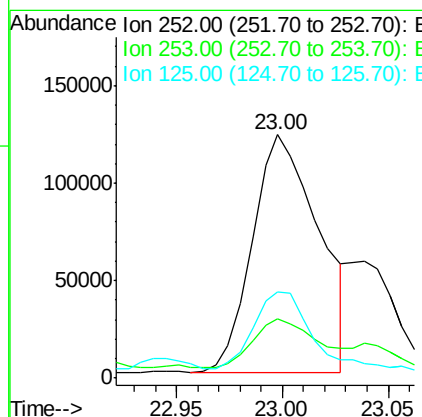
RT: 23.00 min Scan# 3385

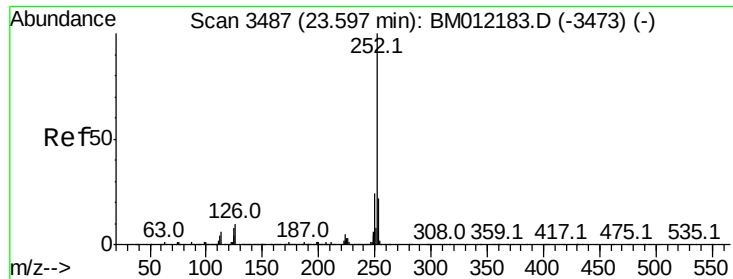
Delta R.T. 0.00 min

Lab File: BM012187.D

Acq: 15 Oct 2017 01:18

Tgt Ion:	252	Resp:	265699
Ion Ratio		Lower	Upper
252	100		
253	24.4	17.9	26.9
125	35.3	3.6	5.4#





#88

Benzo(a)pyrene

Concen: 2.014 ng/ul

RT: 23.60 min Scan# 3487

Delta R.T. 0.00 min

Lab File: BM012187.D

Acq: 15 Oct 2017 01:18

Instrument :

BNA_M

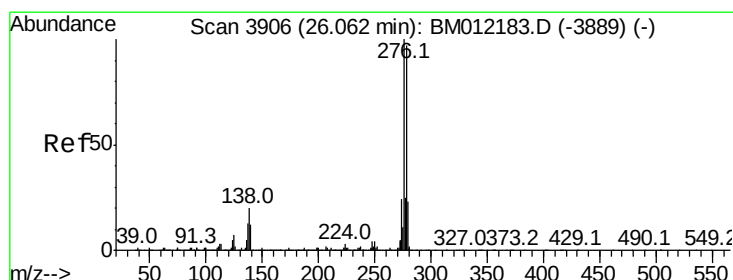
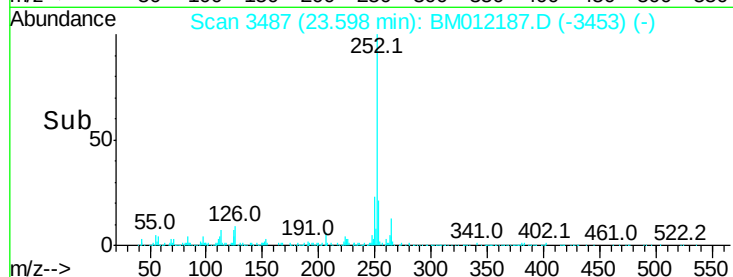
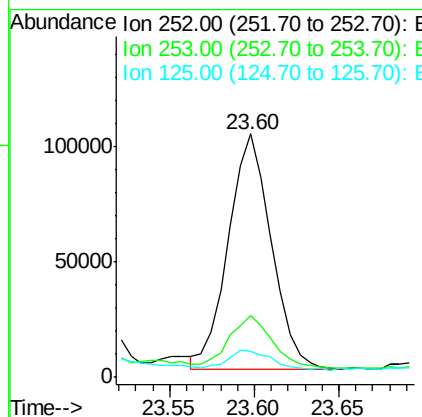
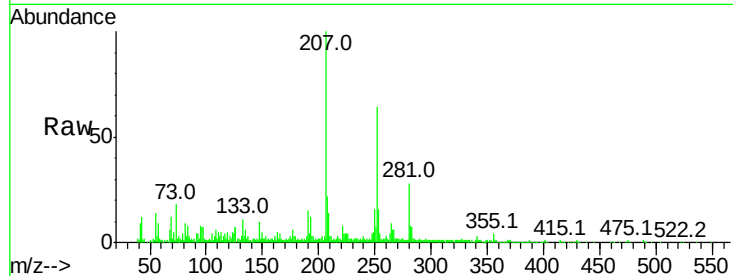
ClientSampleId :

C0AC3

Tot Ion:	252	Resp:	179954
Ion Ratio	Lower	Upper	
252	100		
253	25.4	18.2	27.2
125	10.5	4.0	6.0#

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#89

Indeno(1,2,3-cd)pyrene

Concen: 1.337 ng/ul

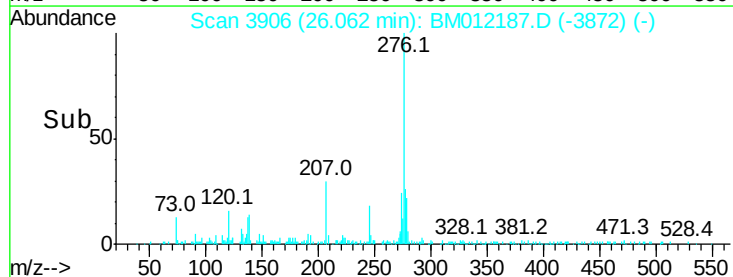
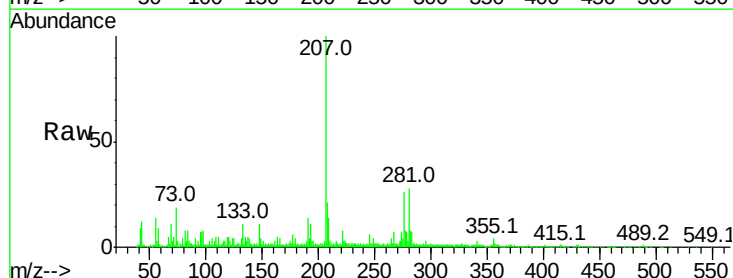
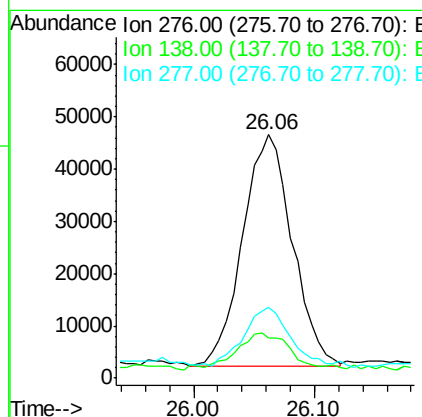
RT: 26.06 min Scan# 3906

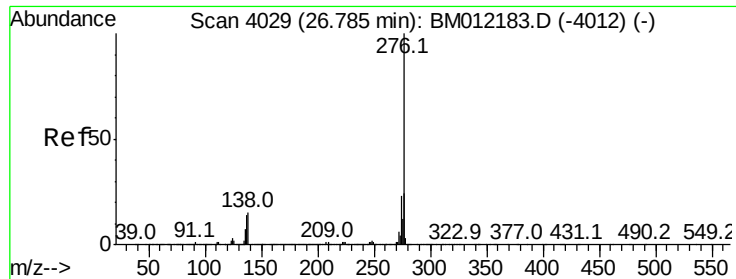
Delta R.T. 0.00 min

Lab File: BM012187.D

Acq: 15 Oct 2017 01:18

Tgt Ion:	276	Resp:	126819
Ion Ratio	Lower	Upper	
276	100		
138	16.6	9.3	13.9#
277	29.0	19.9	29.9





#91
 Benzo(a,h,i)perylene
 Concen: 1.512 ng/ul
 RT: 26.79 min Scan# 4030
 Delta R.T. 0.01 min
 Lab File: BM012187.D
 Acq: 15 Oct 2017 01:18

Instrument :
 BNA_M
 ClientSampleId :
 C0AC3

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.4	8.5	12.7#
277	31.1	18.6	28.0#

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