

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM101417\
 Data File : BM012194.D
 Acq On : 15 Oct 2017 05:32
 Operator : SJ/JU
 Sample : I5548-17 5X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AF7

Manual Integrations
 APPROVED

Sohil
 10/16/2017 7:48:34 PM

Quant Time: Oct 15 07:27:25 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	185460	20.00	ng/ul	0.00
18) Naphthalene-d8	10.61	136	804291	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	527801	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.21	188	1222127	20.00	ng/ul	0.00
75) Chrysene-d12	21.39	240	1014154	20.00	ng/ul	0.00
83) Perylene-d12	23.70	264	916806	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	2042	0.52	ng/uL	0.00
5) Phenol-d5	6.99	99	46015	3.06	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	29802m	3.30	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	43306	3.39	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	40798	3.15	ng/ul	0.01
19) Nitrobenzene-d5	8.99	128	19366	3.16	ng/ul	0.00
22) 2-Nitrophenol-d4	9.71	143	22307	3.11	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.26	165	42245	3.09	ng/ul	0.02
29) 4-Chloroaniline-d4	10.78	131	22311m	1.74	ng/ul	0.02
43) Dimethylphthalate-d6	13.87	166	181145	3.88	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	219319	3.88	ng/ul	0.00
51) 4-Nitrophenol-d4	14.75	143	12255m	1.75	ng/ul	0.06
57) Fluorene-d10	15.46	176	165035	4.31	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.61	200	5292	0.63	ng/ul	0.01
70) Anthracene-d10	17.31	188	264070	4.37	ng/ul	0.00
76) Pyrene-d10	19.60	212	266468	5.18	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.56	264	181976	4.12	ng/ul	0.00

Target Compounds

				Ovalue	
44) Dimethylphthalate	13.92	163	64444	1.379	ng/ul 99
69) Phenanthrene	17.25	178	114739	1.650	ng/ul 100
74) Fluoranthene	19.27	202	274328	3.270	ng/ul# 95
77) Pyrene	19.63	202	251289	3.752	ng/ul# 96
80) Benzo(a)anthracene	21.37	228	119261	1.807	ng/ul# 87
82) Chrysene	21.43	228	136576	2.204	ng/ul# 87
85) Benzo(b)fluoranthene	23.00	252	167500	2.800	ng/ul# 83
88) Benzo(a)pyrene	23.60	252	127630	2.263	ng/ul# 85
89) Indeno(1,2,3-cd)pyrene	26.07	276	100062	1.671	ng/ul# 90
91) Benzo(g,h,i)perylene	26.80	276	104279	2.126	ng/ul# 88

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

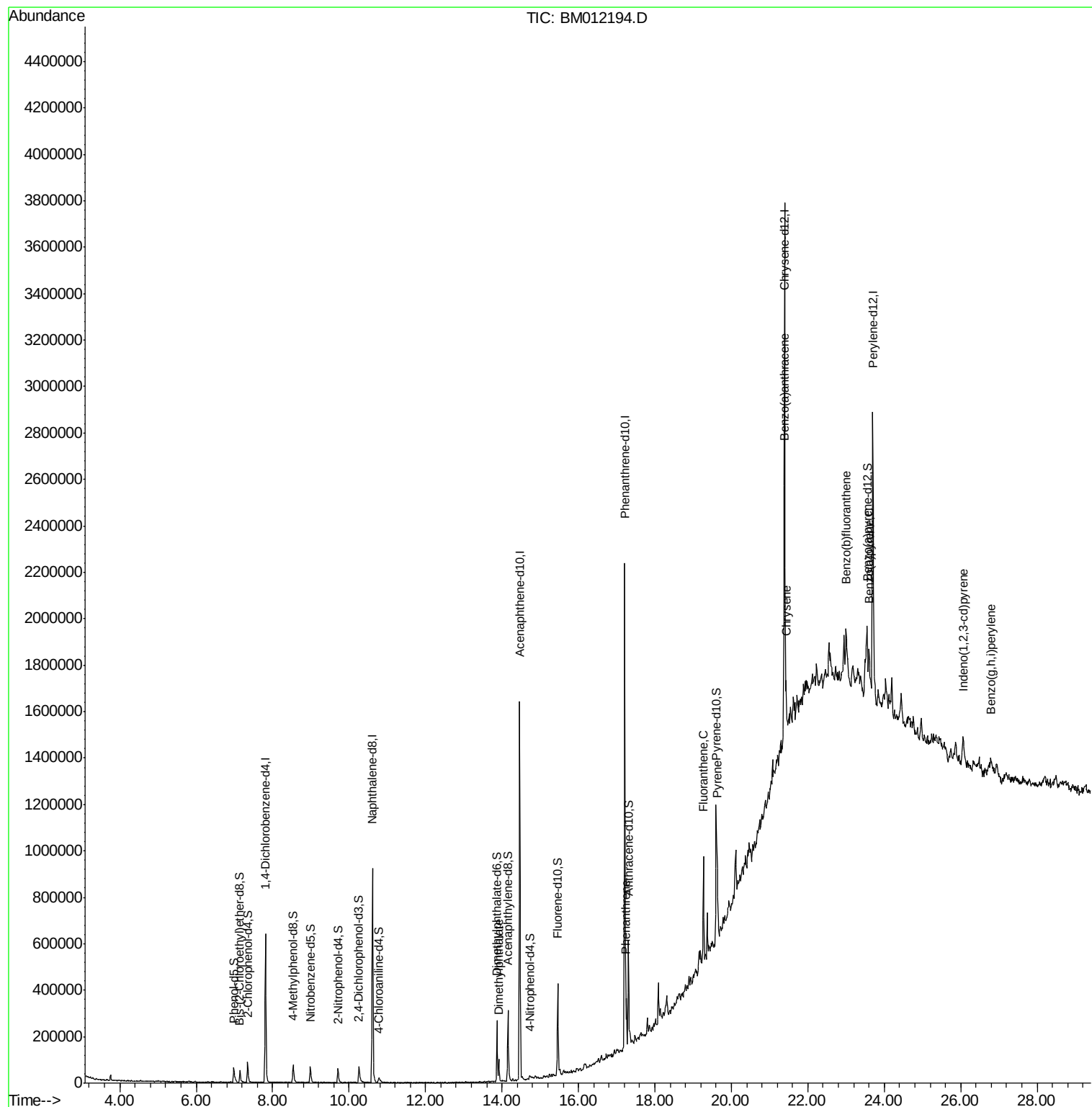
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM101417\
Data File : BM012194.D
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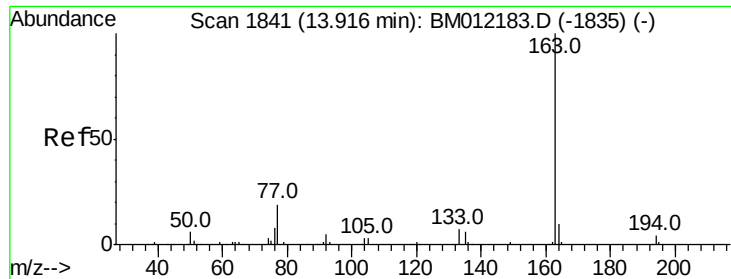
Instrument :
BNA_M
ClientSampleId :
C0AF7

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Quant Time: Oct 15 07:27:25 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





#44

Dimethylphthalate

Concen: 1.379 ng/ul

RT: 13.92 min Scan# 1841

Delta R.T. 0.00 min

Lab File: BM012194.D

Acq: 15 Oct 2017 05:32

Instrument :

BNA_M

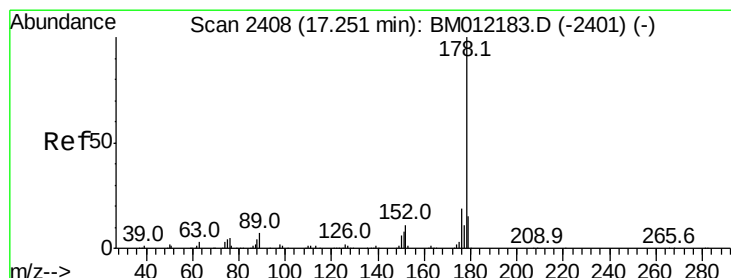
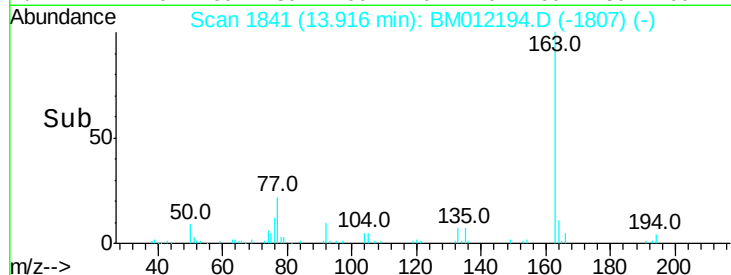
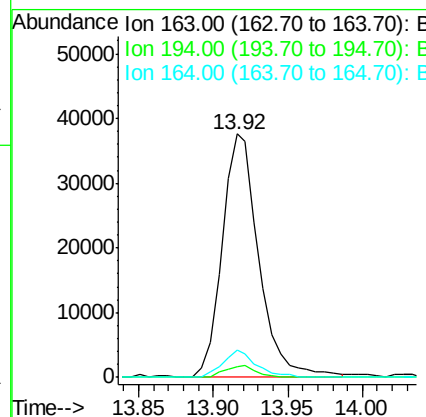
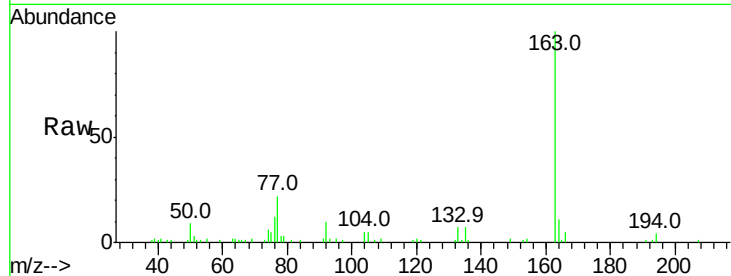
ClientSampleId :

C0AF7

Tot Ion:	163	Resp:	64444
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.5	5.3
164	11.0	8.2	12.4

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#69

Phenanthrene

Concen: 1.650 ng/ul

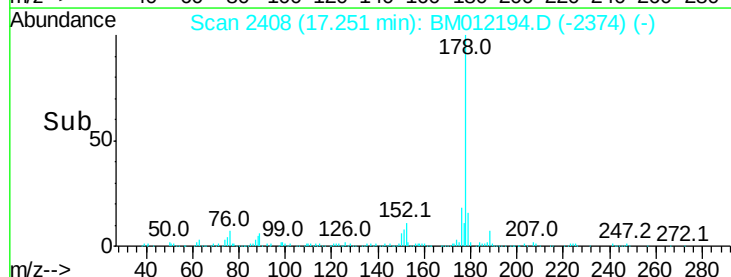
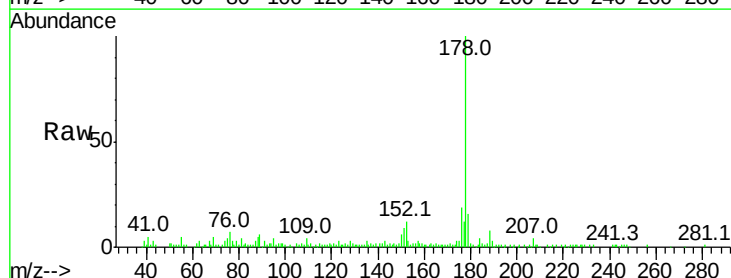
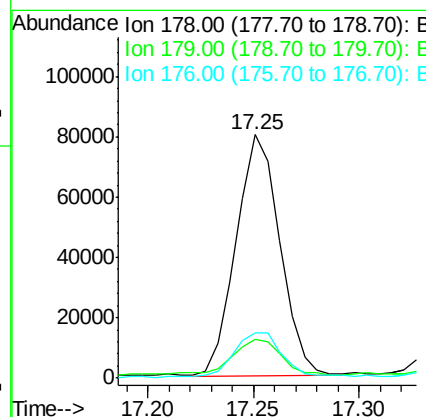
RT: 17.25 min Scan# 2408

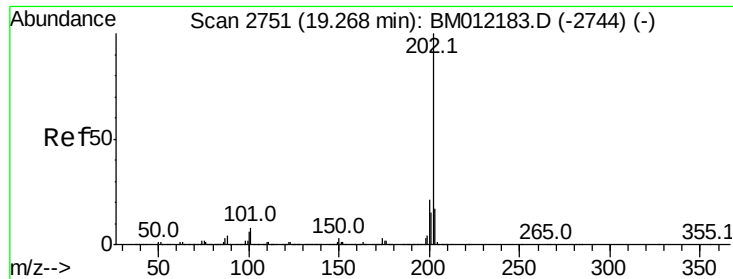
Delta R.T. 0.00 min

Lab File: BM012194.D

Acq: 15 Oct 2017 05:32

Tgt Ion:	178	Resp:	114739
Ion Ratio	Lower	Upper	
178	100		
179	16.1	12.6	19.0
176	18.7	14.9	22.3





#74

Fluoranthene

Concen: 3.270 ng/ul

RT: 19.27 min Scan# 2751

Delta R.T. 0.00 min

Lab File: BM012194.D

Acq: 15 Oct 2017 05:32

Instrument :

BNA_M

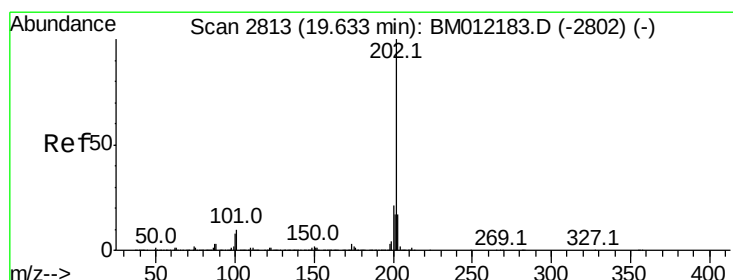
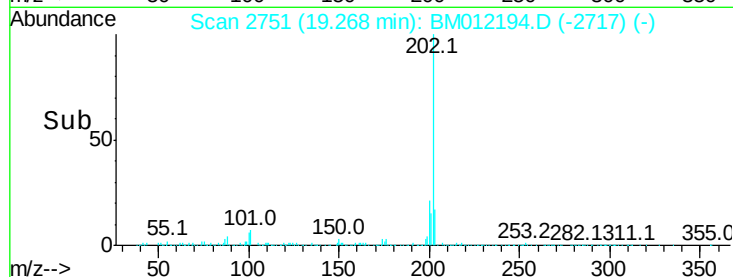
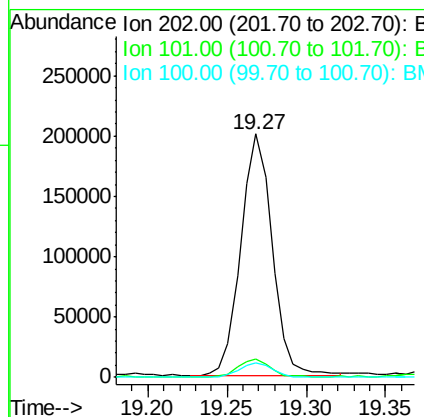
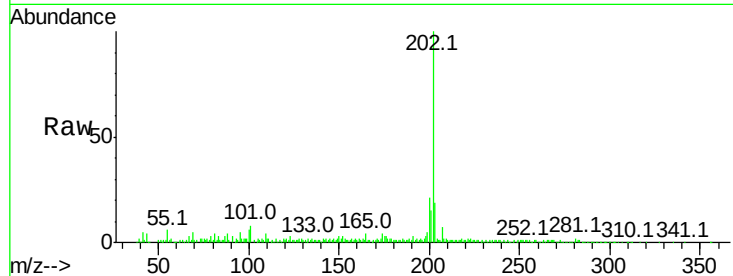
ClientSampled :

C0AF7

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		274328		
101	7.5	4.6	7.0#		
100	5.8	3.4	5.2#		

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#77

Pyrene

Concen: 3.752 ng/ul

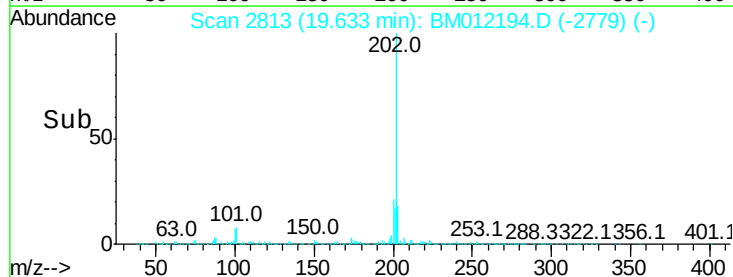
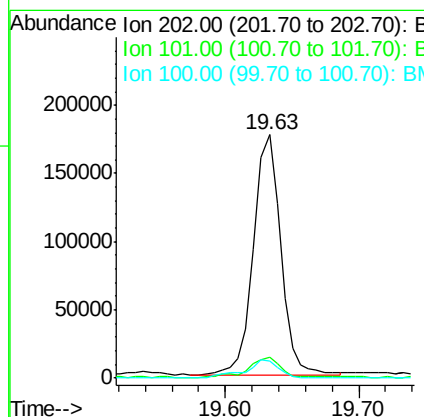
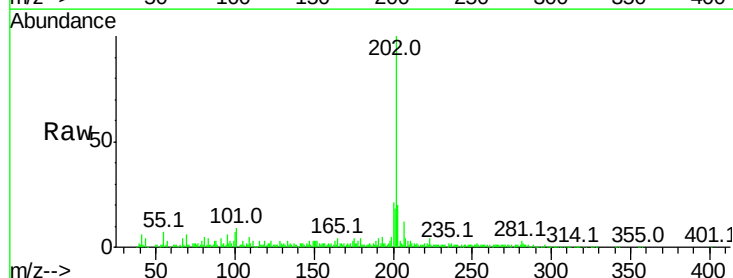
RT: 19.63 min Scan# 2813

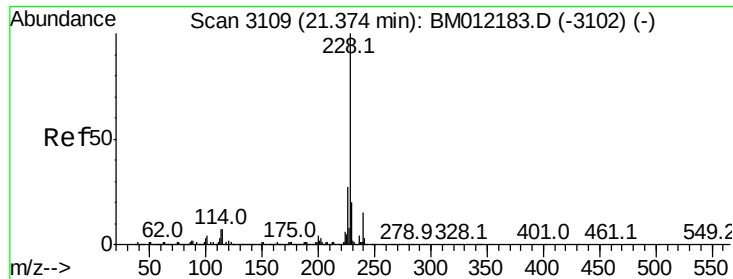
Delta R.T. 0.00 min

Lab File: BM012194.D

Acq: 15 Oct 2017 05:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100		251289		
101	8.6	5.1	7.7#		
100	6.9	4.9	7.3		





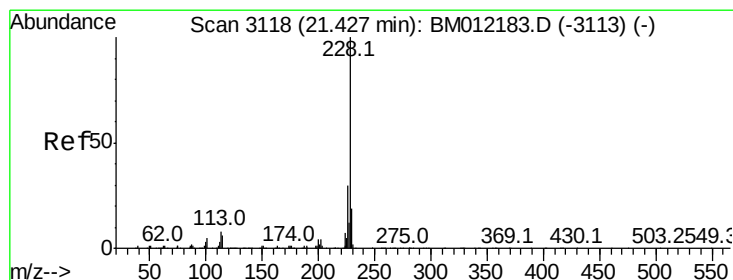
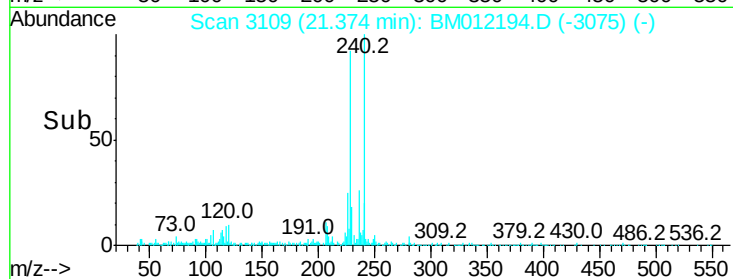
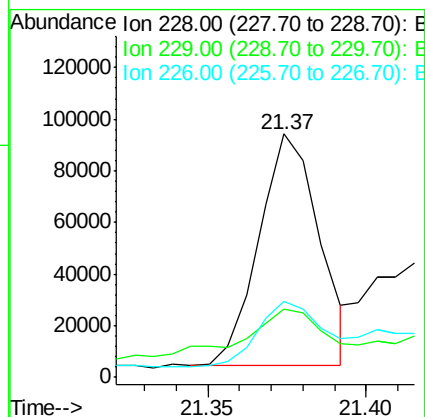
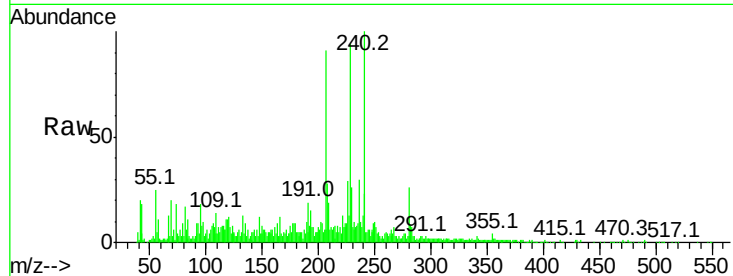
#80
Benzo(a)anthracene
Concen: 1.807 ng/ul
RT: 21.37 min Scan# 3109
Delta R.T. 0.00 min
Lab File: BM012194.D
Acq: 15 Oct 2017 05:32

Instrument :
BNA_M
ClientSampleId :
C0AF7

Tot Ion	Ratio	Lower	Upper
228	100		
229	27.8	15.4	23.0#
226	31.4	21.4	32.0

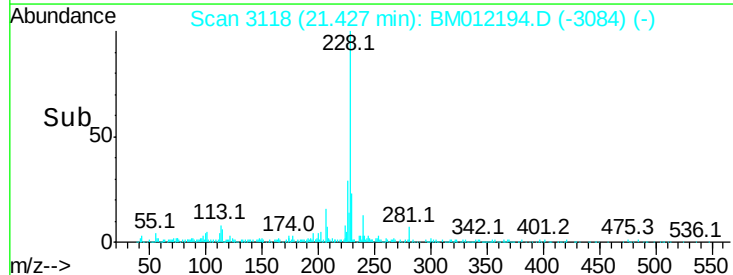
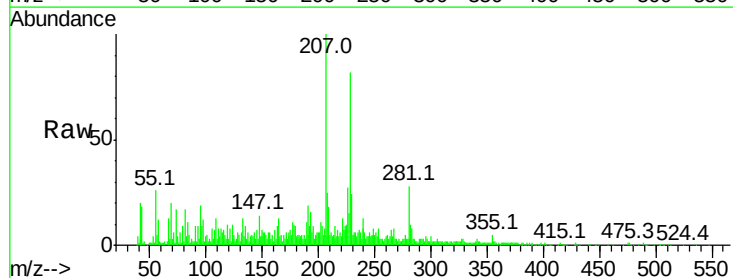
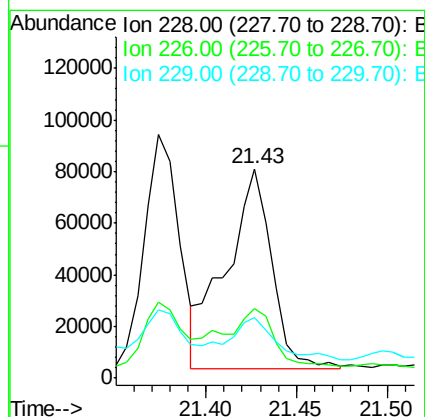
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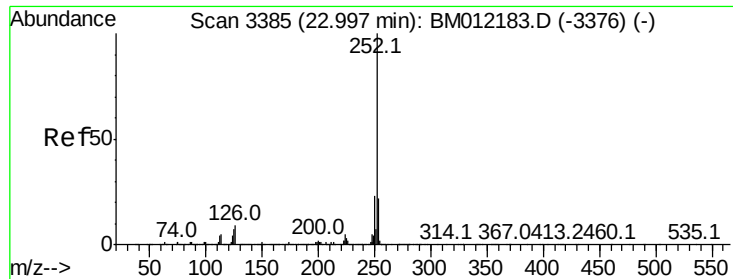
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#82
Chrysene
Concen: 2.204 ng/ul
RT: 21.43 min Scan# 3118
Delta R.T. 0.00 min
Lab File: BM012194.D
Acq: 15 Oct 2017 05:32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.2	23.4	35.2
229	28.7	15.5	23.3#





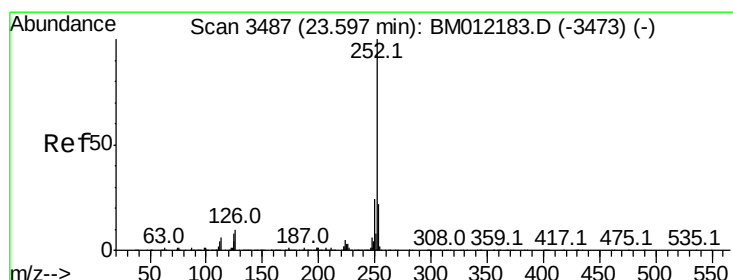
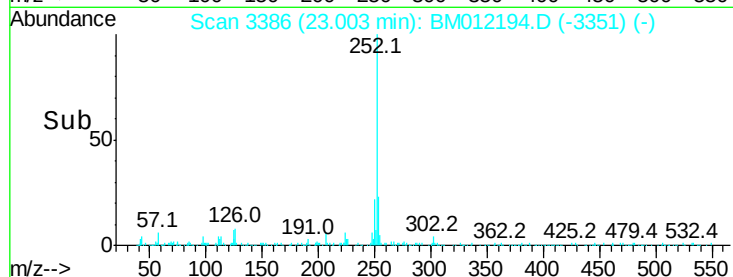
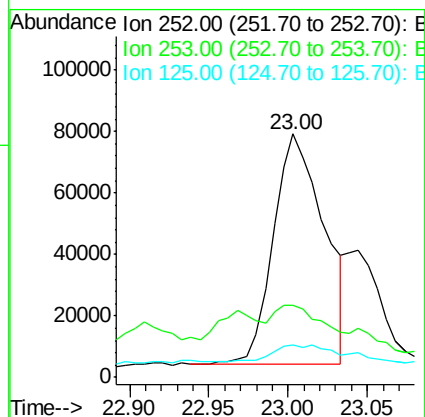
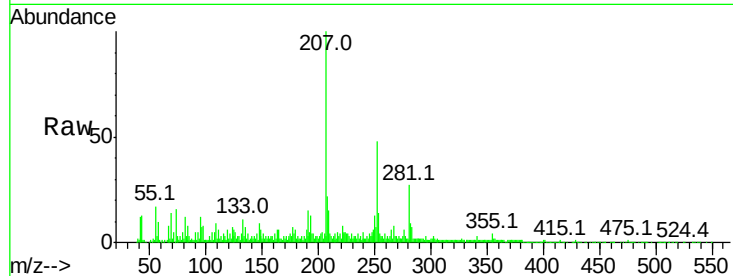
#85
Benzo(b)fluoranthene
Concen: 2.800 ng/ul
RT: 23.00 min Scan# 3386
Delta R.T. 0.01 min
Lab File: BM012194.D
Acq: 15 Oct 2017 05:32

Instrument :
BNA_M
ClientSampled :
C0AF7

Tot Ion	Ratio	Lower	Upper
252	100		
253	29.6	17.9	26.9#
125	13.3	3.6	5.4#

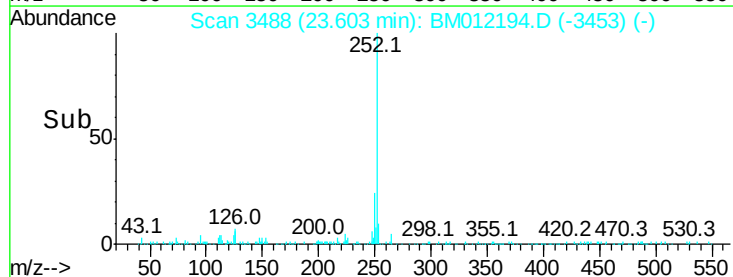
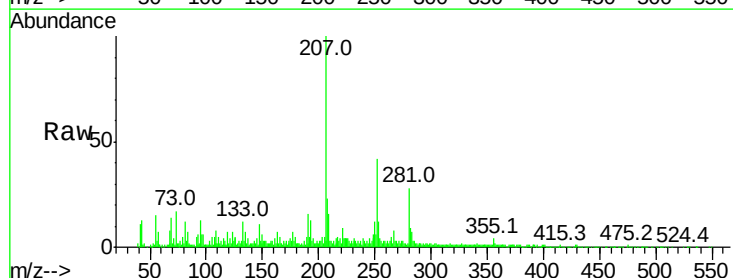
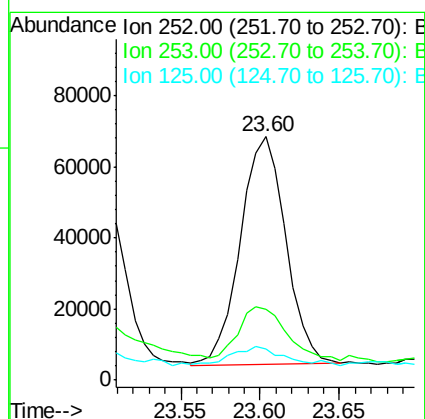
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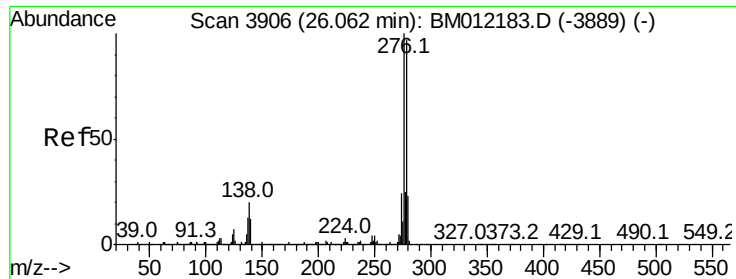
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#88
Benzo(a)pyrene
Concen: 2.263 ng/ul
RT: 23.60 min Scan# 3488
Delta R.T. 0.01 min
Lab File: BM012194.D
Acq: 15 Oct 2017 05:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.3	18.2	27.2#
125	12.7	4.0	6.0#





#89

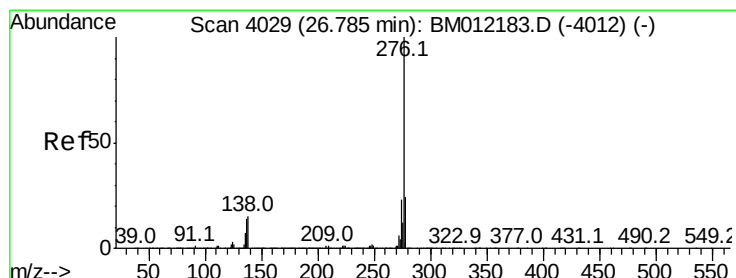
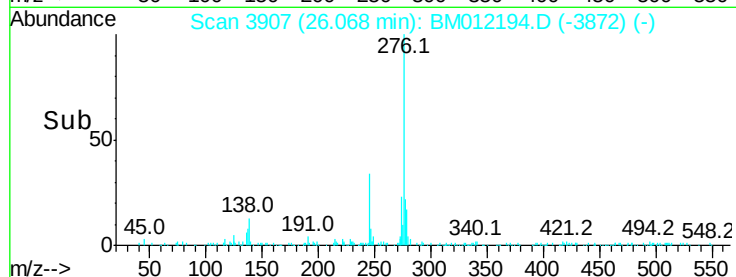
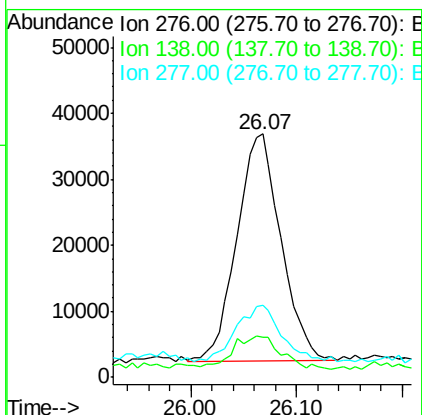
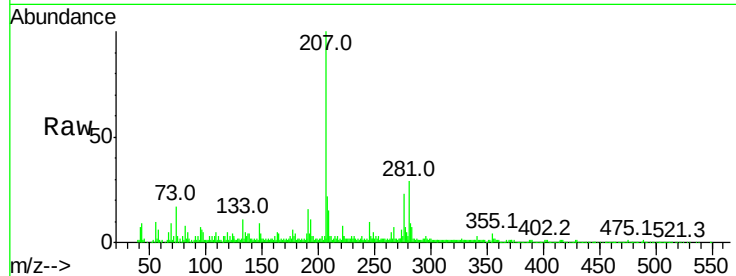
Indeno(1,2,3-cd)pyrene
Concen: 1.671 ng/ul
RT: 26.07 min Scan# 3907
Delta R.T. 0.01 min
Lab File: BM012194.D
Acq: 15 Oct 2017 05:32

Instrument :
BNA_M
ClientSampleId :
C0AF7

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	16.5	9.3	13.9#
277	29.5	19.9	29.9

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#91

Benzo(g,h,i)perylene
Concen: 2.126 ng/ul
RT: 26.80 min Scan# 4031
Delta R.T. 0.01 min
Lab File: BM012194.D
Acq: 15 Oct 2017 05:32

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	16.8	8.5	12.7#
277	28.3	18.6	28.0#

