

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM101417\
 Data File : BM012192.D
 Acq On : 15 Oct 2017 04:20
 Operator : SJ/JU
 Sample : I5548-13 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AC9

Manual Integrations
 APPROVED

Sohil
 10/16/2017 7:48:29 PM

Quant Time: Oct 15 07:18:19 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	145426	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	637948	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	419921	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.21	188	1051480	20.00	ng/ul	0.00
75) Chrysene-d12	21.39	240	988992	20.00	ng/ul	0.00
83) Perylene-d12	23.70	264	856099	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	1728	0.56	ng/uL	0.00
5) Phenol-d5	6.99	99	35296	2.99	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	22721	3.21	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	35614	3.56	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	30566	3.01	ng/ul	0.02
19) Nitrobenzene-d5	8.99	128	17304	3.55	ng/ul	0.00
22) 2-Nitrophenol-d4	9.71	143	18986	3.34	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.26	165	36968	3.40	ng/ul	0.02
29) 4-Chloroaniline-d4	10.78	131	20640m	2.03	ng/ul	0.02
43) Dimethylphthalate-d6	13.87	166	147058	3.96	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	173302	3.86	ng/ul	0.00
51) 4-Nitrophenol-d4	14.74	143	10452m	1.87	ng/ul	0.06
57) Fluorene-d10	15.46	176	130885	4.30	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.62	200	5198	0.72	ng/ul	0.02
70) Anthracene-d10	17.31	188	214554	4.13	ng/ul	0.00
76) Pyrene-d10	19.60	212	238632	4.75	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.55	264	166372	4.03	ng/ul	0.00

Target Compounds

					Ovalue
44) Dimethylphthalate	13.92	163	63400	1.705	ng/ul 98
74) Fluoranthene	19.27	202	247485	3.428	ng/ul# 94
77) Pyrene	19.63	202	211641	3.240	ng/ul# 96
80) Benzo(a)anthracene	21.37	228	99902	1.552	ng/ul 98
81) Bis(2-ethylhexyl)phthalate	21.28	149	173304	3.972	ng/ul 98
82) Chrysene	21.43	228	182414	3.019	ng/ul 98
85) Benzo(b)fluoranthene	23.00	252	269480	4.824	ng/ul# 95
86) Benzo(k)fluoranthene	23.04	252	81728m	1.518	ng/ul
88) Benzo(a)pyrene	23.60	252	131451	2.496	ng/ul# 90
89) Indeno(1,2,3-cd)pyrene	26.06	276	121980	2.181	ng/ul# 93
91) Benzo(g,h,i)perylene	26.79	276	108903	2.378	ng/ul# 92

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

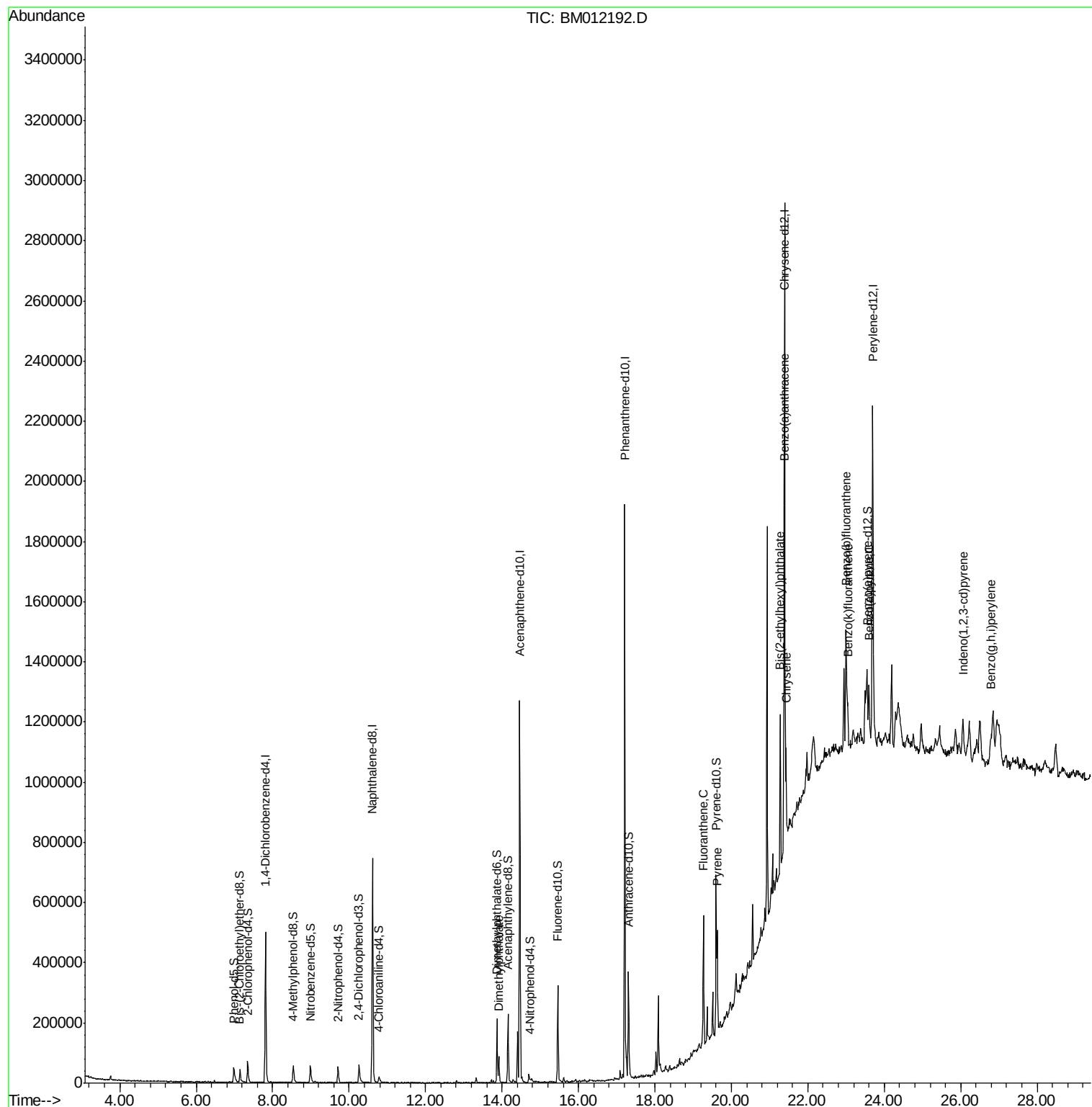
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM101417\
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ALS Vial : 24 Sample Multiplier: 1

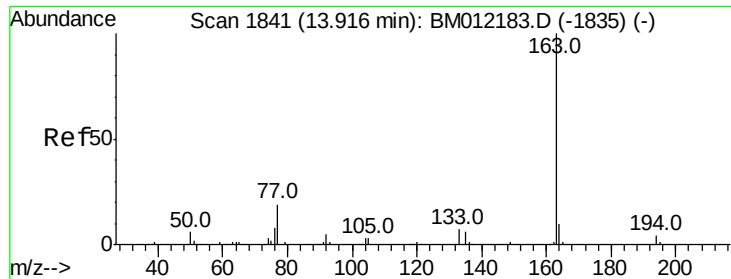
Instrument :
BNA_M
ClientSampleId :
C0AC9

Manual Integrations
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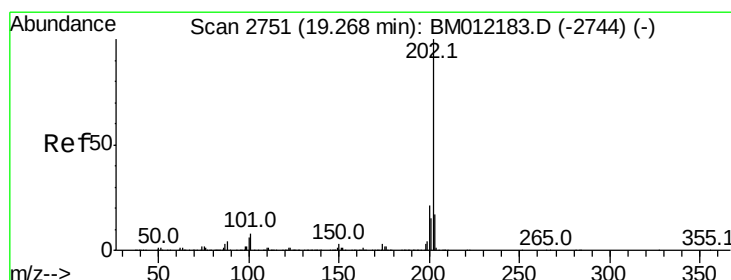
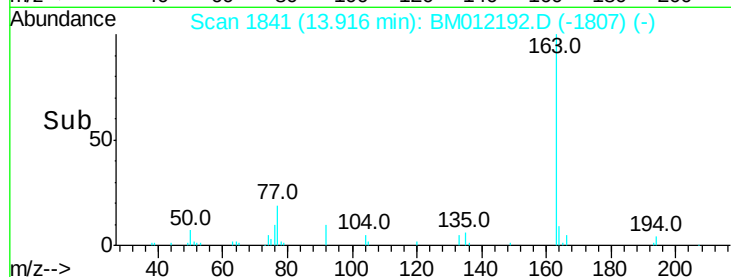
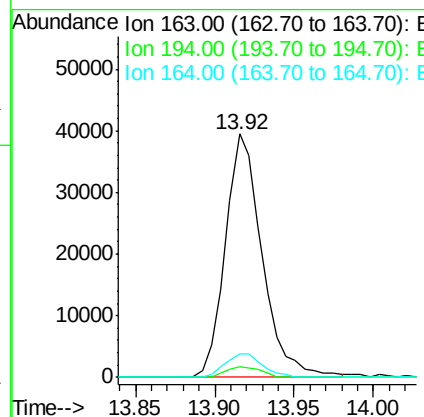
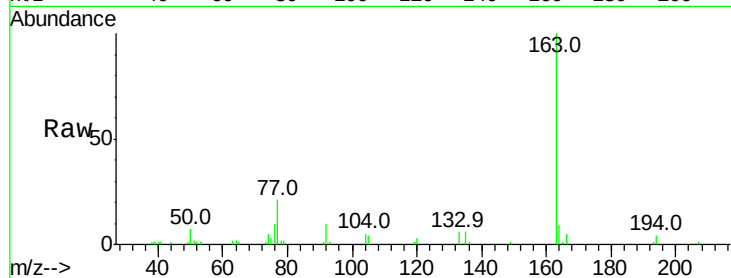
#44
Dimethylphthalate
Concen: 1.705 ng/ul
RT: 13.92 min Scan# 1841
Delta R.T. -0.00 min
Lab File: BM012192.D
Acq: 15 Oct 2017 04:20

Instrument :
BNA_M
ClientSampleID :
C0AC9

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.5	5.3
164	9.4	8.2	12.4

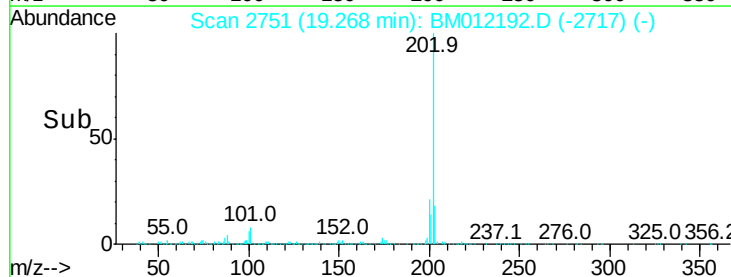
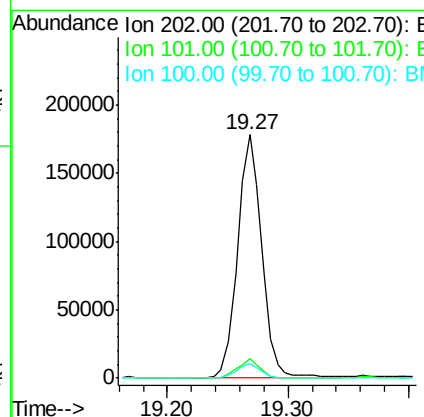
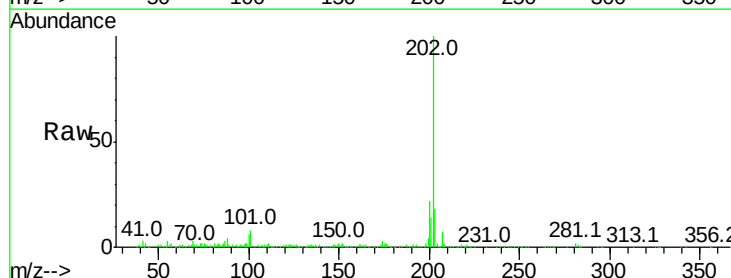
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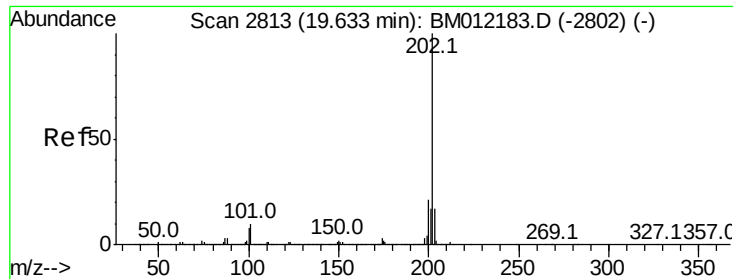
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#74
Fluoranthene
Concen: 3.428 ng/ul
RT: 19.27 min Scan# 2751
Delta R.T. -0.00 min
Lab File: BM012192.D
Acq: 15 Oct 2017 04:20

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.2	4.6	7.0#
100	5.9	3.4	5.2#





#77

Pvrene

Concen: 3.240 ng/ul

RT: 19.63 min Scan# 2813

Delta R.T. -0.00 min

Lab File: BM012192.D

Acq: 15 Oct 2017 04:20

Instrument :

BNA_M

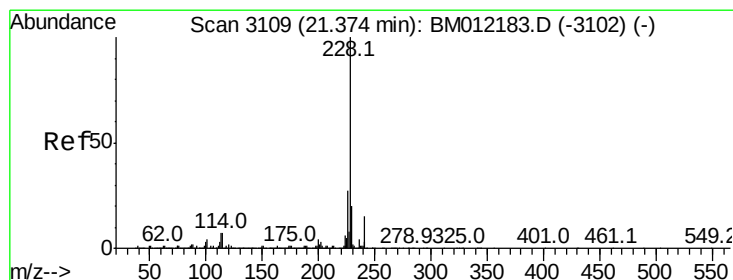
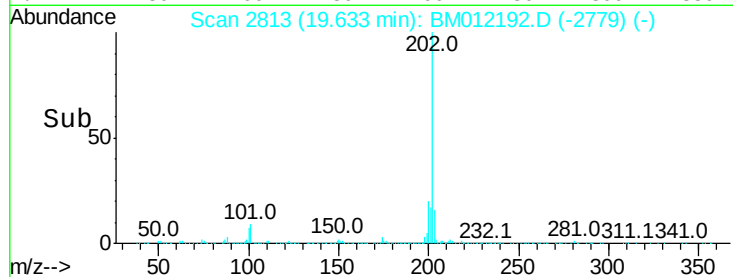
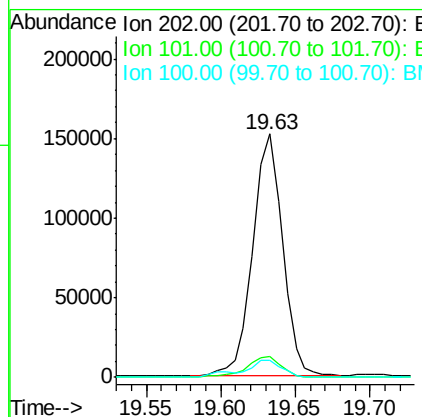
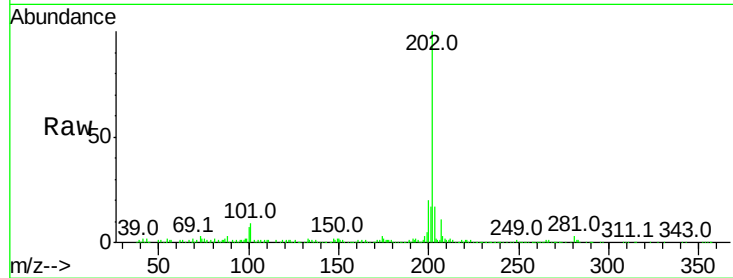
ClientSampleId :

C0AC9

Tot Ion:	202	Resp:	211641
Ion Ratio	Lower	Upper	
202	100		
101	8.5	5.1	7.7#
100	6.8	4.9	7.3

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#80

Benzo(a)anthracene

Concen: 1.552 ng/ul

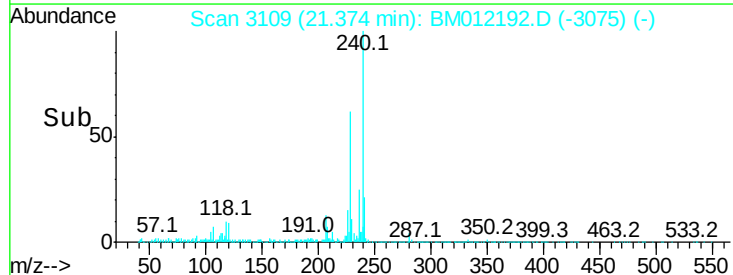
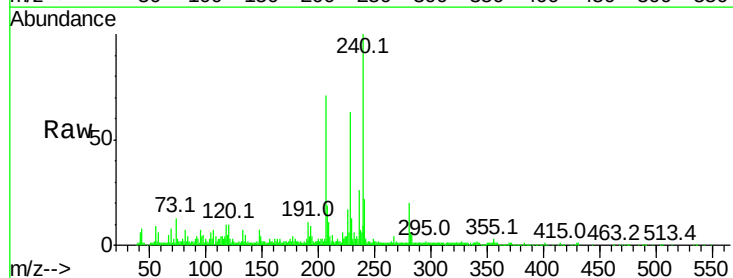
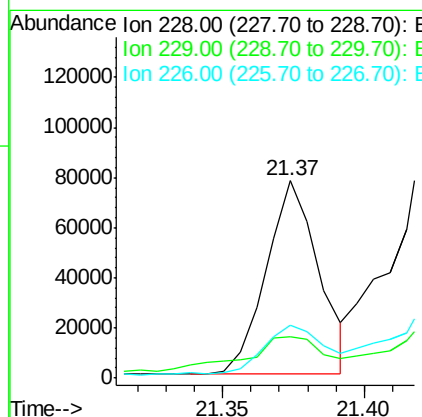
RT: 21.37 min Scan# 3109

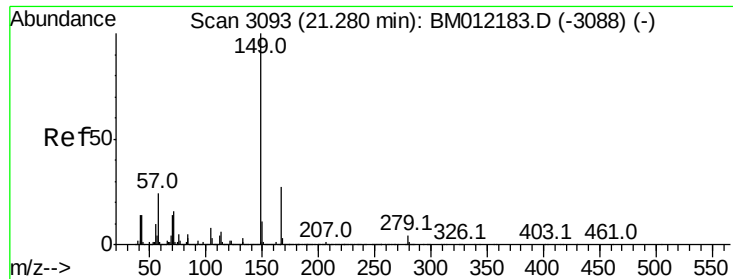
Delta R.T. -0.00 min

Lab File: BM012192.D

Acq: 15 Oct 2017 04:20

Tgt Ion:	228	Resp:	99902
Ion Ratio	Lower	Upper	
228	100		
229	20.8	15.4	23.0
226	26.9	21.4	32.0





#81

Bis(2-ethylhexyl)phthalate

Concen: 3.972 ng/ul

RT: 21.28 min Scan# 3093

Delta R.T. -0.00 min

Lab File: BM012192.D

Acq: 15 Oct 2017 04:20

Instrument :

BNA_M

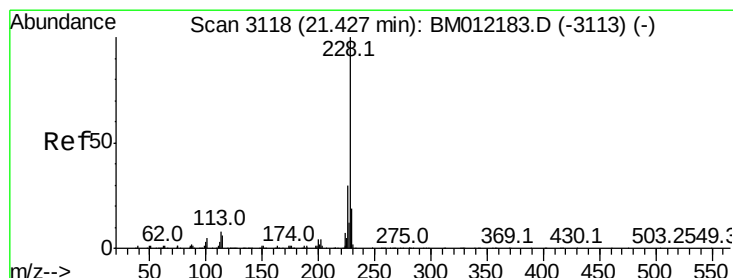
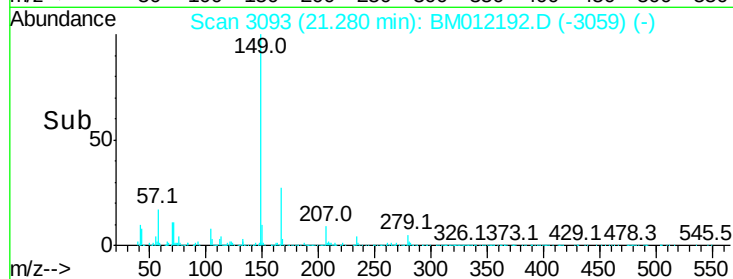
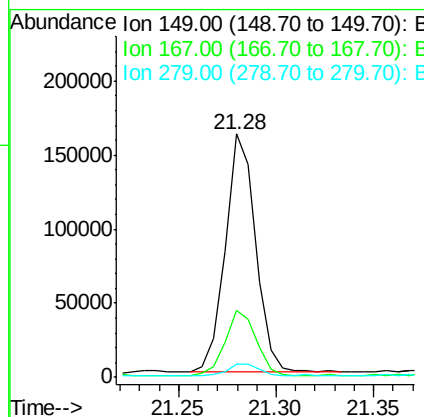
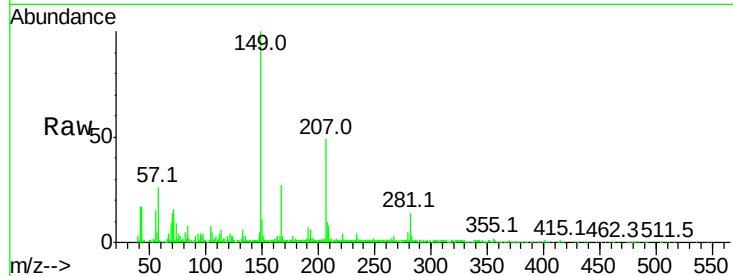
ClientSampleId :

C0AC9

Tot Ion:	149	Resp:	173304
Ion Ratio	Lower	Upper	
149	100		
167	27.5	22.8	34.2
279	5.2	4.9	7.3

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#82

Chrysene

Concen: 3.019 ng/ul

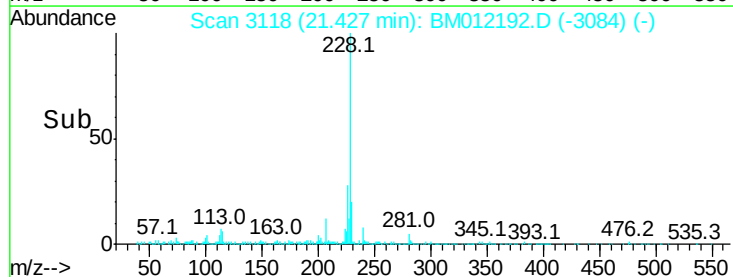
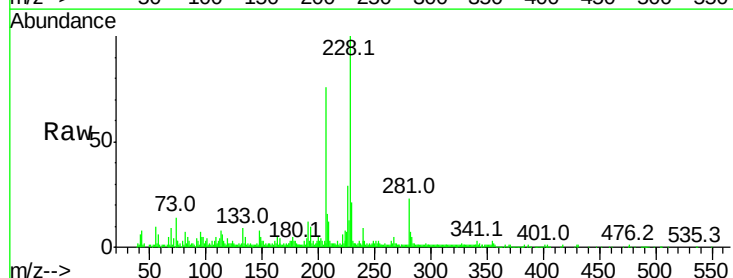
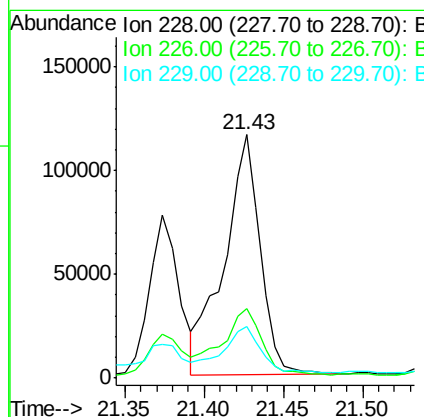
RT: 21.43 min Scan# 3118

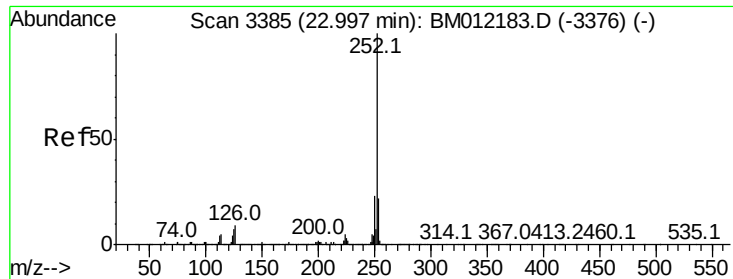
Delta R.T. -0.00 min

Lab File: BM012192.D

Acq: 15 Oct 2017 04:20

Tgt Ion:	228	Resp:	182414
Ion Ratio	Lower	Upper	
228	100		
226	28.7	23.4	35.2
229	21.3	15.5	23.3





#85

Benzo(b)fluoranthene

Concen: 4.824 ng/ul

RT: 23.00 min Scan# 3386

Delta R.T. 0.01 min

Lab File: BM012192.D

Acq: 15 Oct 2017 04:20

Instrument :

BNA_M

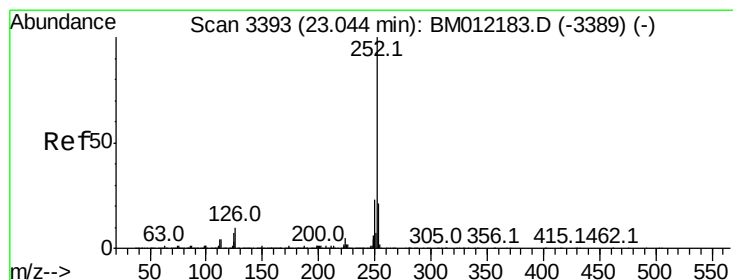
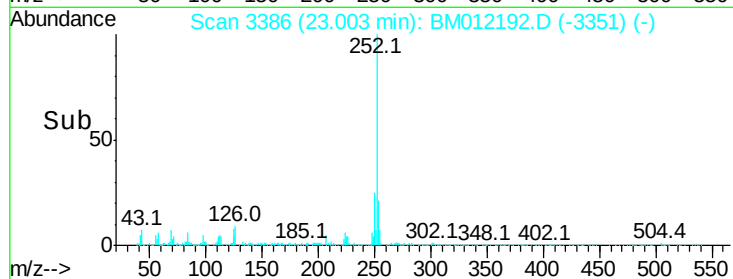
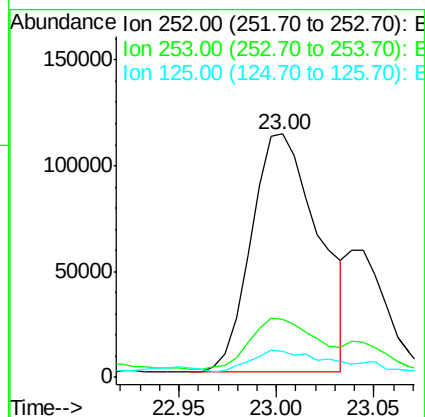
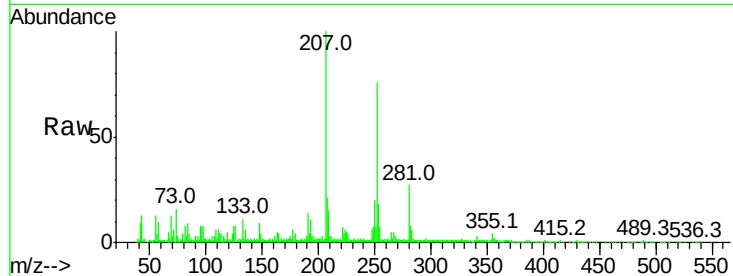
ClientSampleId :

C0AC9

Tot Ion:	252	Resp:	269480
Ion Ratio	Lower	Upper	
252	100		
253	23.8	17.9	26.9
125	10.4	3.6	5.4#

Manual Integrations
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#86

Benzo(k)fluoranthene

Concen: 1.518 ng/ul m

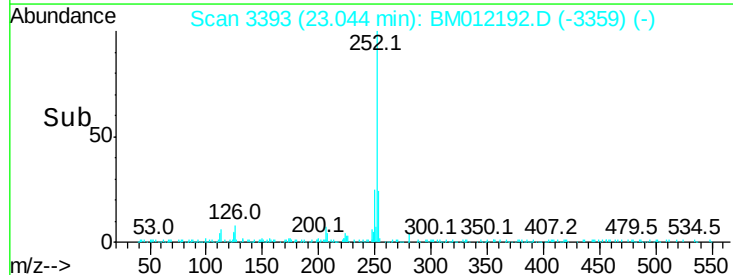
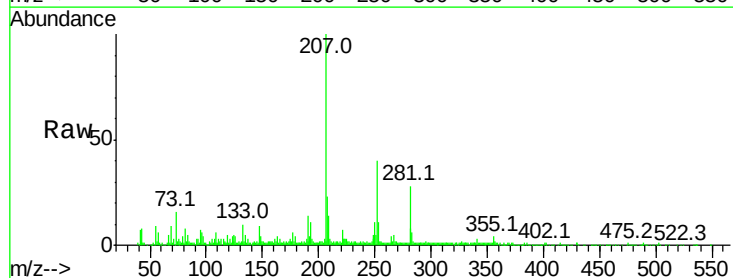
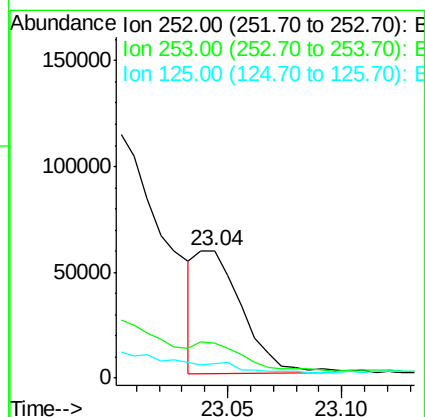
RT: 23.04 min Scan# 3393

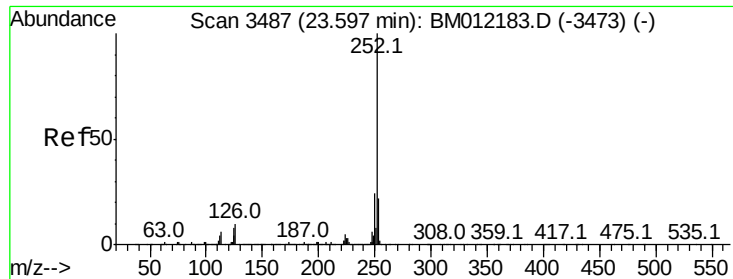
Delta R.T. -0.00 min

Lab File: BM012192.D

Acq: 15 Oct 2017 04:20

Tgt Ion:	252	Resp:	81728
Ion Ratio	Lower	Upper	
252	100		
253	27.9	17.1	25.7#
125	11.3	3.4	5.2#





#88

Benzo(a)pyrene

Concen: 2.496 ng/ul

RT: 23.60 min Scan# 3487

Delta R.T. -0.00 min

Lab File: BM012192.D

Acq: 15 Oct 2017 04:20

Instrument :

BNA_M

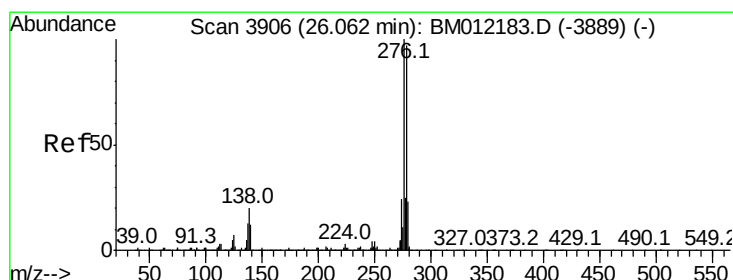
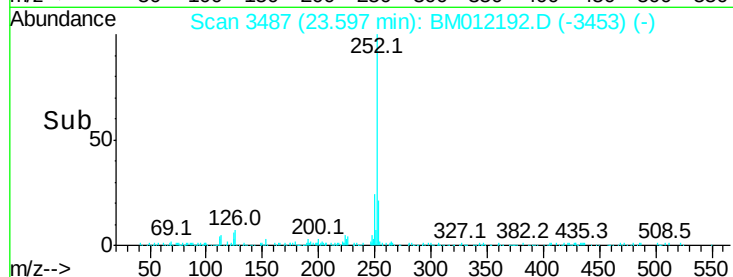
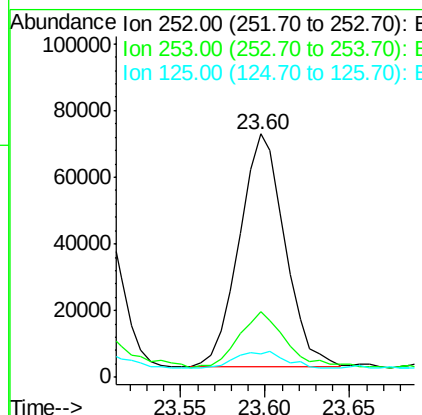
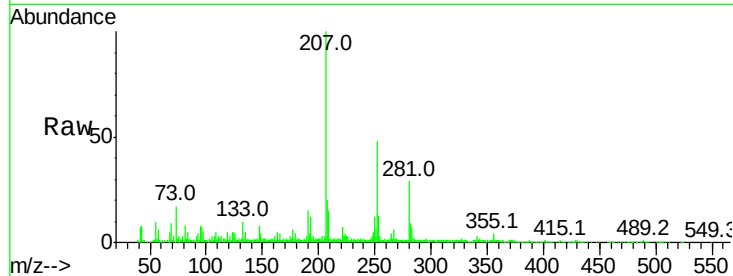
ClientSampled :

C0AC9

Tot Ion:	252	Resp:	131451
Ion Ratio	Lower	Upper	
252	100		
253	26.8	18.2	27.2
125	9.8	4.0	6.0#

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#89

Indeno(1,2,3-cd)pyrene

Concen: 2.181 ng/ul

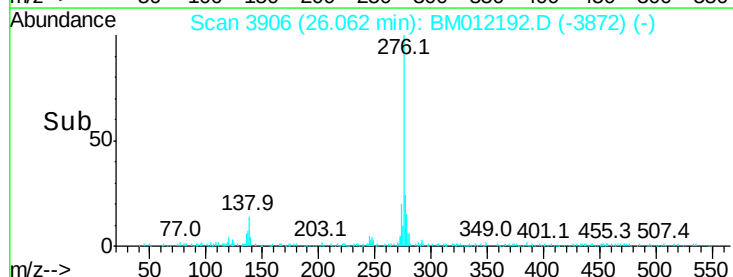
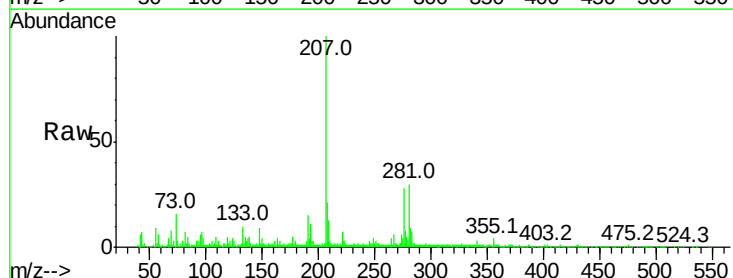
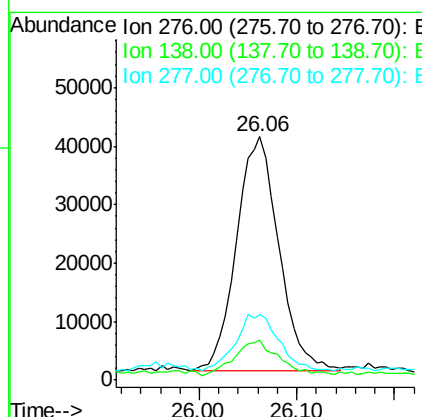
RT: 26.06 min Scan# 3906

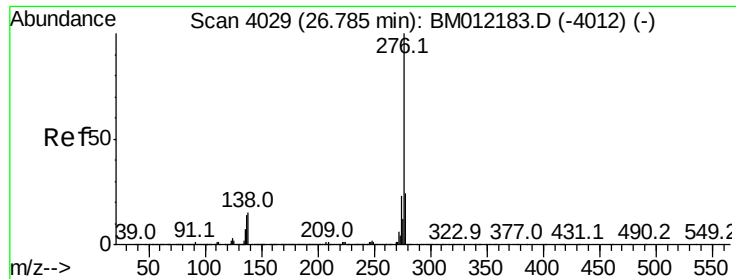
Delta R.T. -0.00 min

Lab File: BM012192.D

Acq: 15 Oct 2017 04:20

Tgt Ion:	276	Resp:	121980
Ion Ratio	Lower	Upper	
276	100		
138	16.3	9.3	13.9#
277	27.1	19.9	29.9





#91

Benzo(a,h,i)perylene

Concen: 2.378 ng/ul

RT: 26.79 min Scan# 4030

Delta R.T. 0.01 min

Lab File: BM012192.D

Acq: 15 Oct 2017 04:20

Instrument :

BNA_M

ClientSampleId :

C0AC9

Tot Ion	Ratio	Lower	Upper
276	100		
138	14.3	8.5	12.7#
277	27.0	18.6	28.0

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