

Data Path : Z:\HPCHEM1\BNA M\DATA\BM100417\
 Data File : BM011897.D
 Acq On : 04 Oct 2017 19:17
 Operator : SJ/JU
 Sample : I5414-12
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B0BM3

Manual Integrations
 APPROVED

Sohil
 10/5/2017 6:17:44 PM

Quant Time: Oct 05 07:02:57 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 05 05:49:07 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	227378	20.00	ng/ul	0.00
18) Naphthalene-d8	10.67	136	1037436	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.52	164	675245	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.26	188	1657204	20.00	ng/ul	0.00
75) Chrysene-d12	21.43	240	2059512	20.00	ng/ul	0.00
83) Perylene-d12	23.75	264	2058575	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	12330	2.56	ng/uL	0.00
5) Phenol-d5	7.03	99	238680	12.20	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.20	67	148367	12.81	ng/ul	0.00
9) 2-Chlorophenol-d4	7.40	132	206095	13.13	ng/ul	0.00
13) 4-Methylphenol-d8	8.57	113	209441	12.38	ng/ul	0.00
19) Nitrobenzene-d5	9.04	128	97826	13.24	ng/ul	0.00
22) 2-Nitrophenol-d4	9.76	143	108070	12.99	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.30	165	226476	13.47	ng/ul	0.00
29) 4-Chloroaniline-d4	10.82	131	294940	16.07	ng/ul	0.00
43) Dimethylphthalate-d6	13.92	166	917704	15.68	ng/ul	0.00
46) Acenaphthylene-d8	14.21	160	1001809	14.57	ng/ul	0.00
51) 4-Nitrophenol-d4	14.71	143	81595m	7.98	ng/ul	0.00
57) Fluorene-d10	15.50	176	794117	15.37	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.63	200	102151	9.16	ng/ul	0.00
70) Anthracene-d10	17.36	188	1356373	16.61	ng/ul	0.00
76) Pyrene-d10	19.64	212	1790709	19.28	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.60	264	1767916	17.85	ng/ul	0.00
Target Compounds						
6) Phenol	7.06	94	22833	1.180	ng/ul	91
44) Dimethylphthalate	13.97	163	445966	7.921	ng/ul	100
69) Phenanthrene	17.30	178	454065	4.981	ng/ul	99
71) Anthracene	17.39	178	95009	1.024	ng/ul	97
74) Fluoranthene	19.31	202	708085	6.366	ng/ul#	92
77) Pyrene	19.67	202	616784	5.401	ng/ul#	91
80) Benzo(a)anthracene	21.41	228	384965	3.263	ng/ul	99
82) Chrysene	21.46	228	363741	3.245	ng/ul	96
85) Benzo(b)fluoranthene	23.05	252	398332	3.183	ng/ul#	97
86) Benzo(k)fluoranthene	23.09	252	147217m	1.178	ng/ul	
88) Benzo(a)pyrene	23.65	252	272152	2.264	ng/ul#	94

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

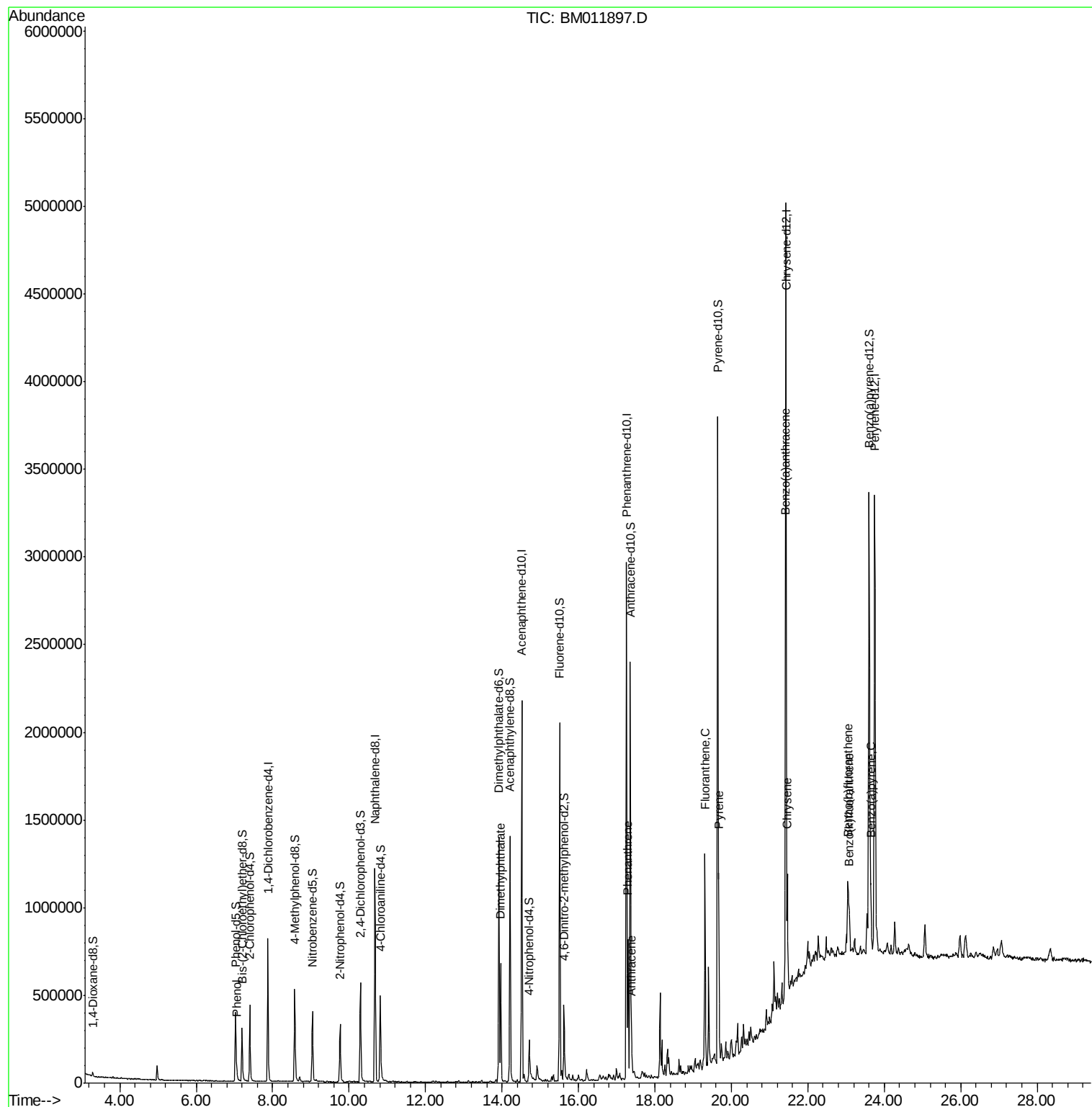
Data Path : Z:\HPCHEM1\BNA M\DATA\BM100417\
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ALS Vial : 15 Sample Multiplier: 1

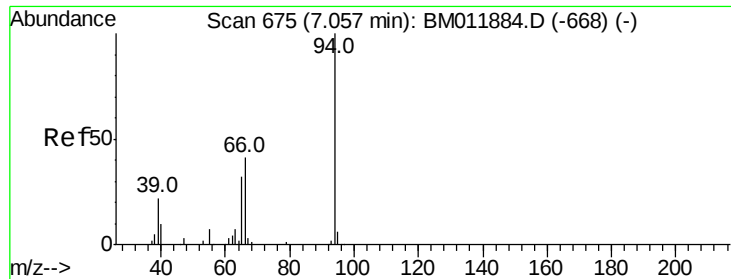
Instrument :
BNA_M
ClientSampleId :
B0BM3

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Quant Time: Oct 05 07:02:57 2017
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Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 05 05:49:07 2017
Response via : Initial Calibration





#6

Phenol

Concen: 1.180 ng/ul

RT: 7.06 min Scan# 675

Delta R.T. 0.00 min

Lab File: BM011897.D

Acq: 04 Oct 2017 19:17

Instrument :

BNA_M

ClientSampleId :

B0BM3

Tot Ion: 94 Resp: 22833

Ion Ratio Lower Upper

94 100

65 31.3 28.2 42.4

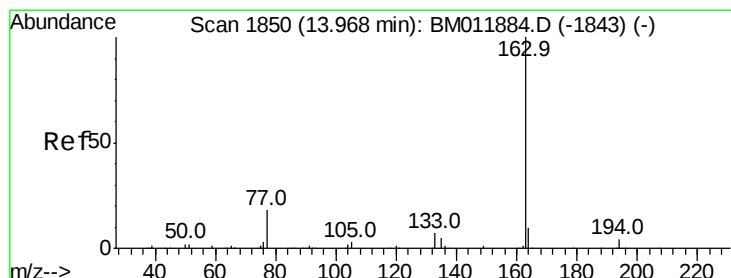
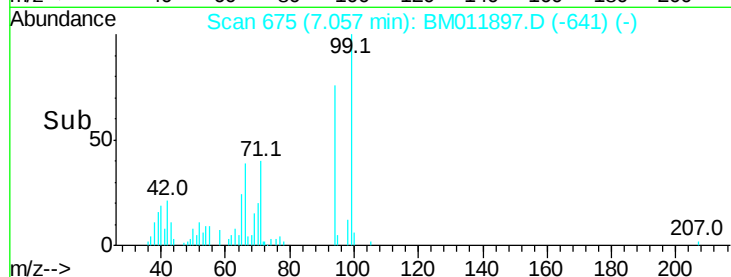
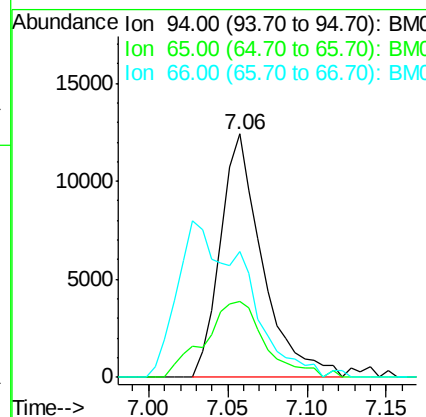
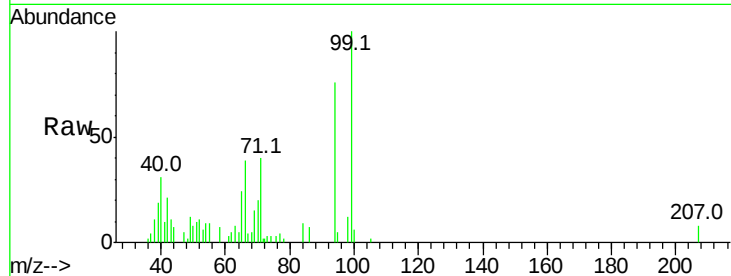
66 51.8 47.2 70.8

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#44

Dimethylphthalate

Concen: 7.921 ng/ul

RT: 13.97 min Scan# 1850

Delta R.T. 0.00 min

Lab File: BM011897.D

Acq: 04 Oct 2017 19:17

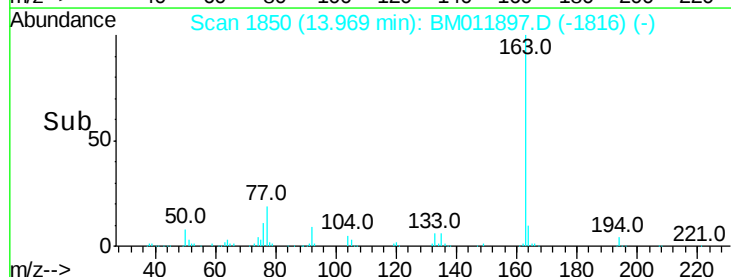
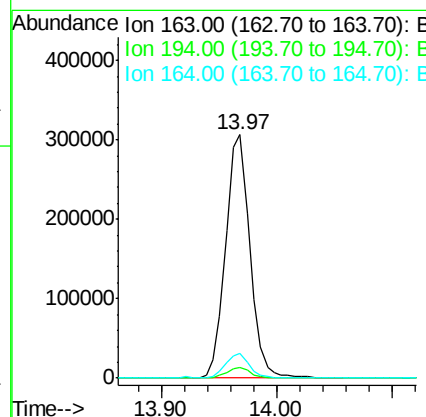
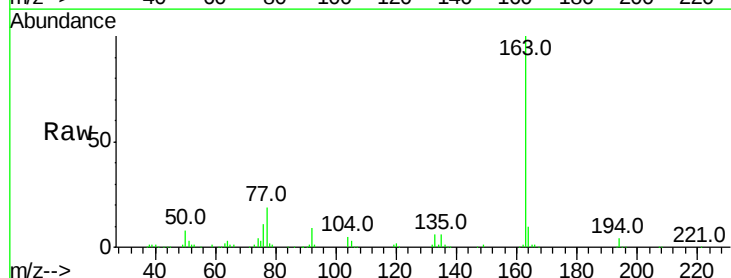
Tgt Ion: 163 Resp: 445966

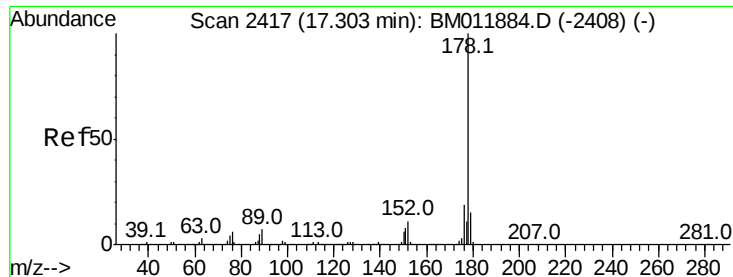
Ion Ratio Lower Upper

163 100

194 4.1 3.5 5.3

164 10.3 8.2 12.4





#69

Phenanthrene

Concen: 4.981 ng/ul

RT: 17.30 min Scan# 2416

Delta R.T. -0.01 min

Lab File: BM011897.D

Acq: 04 Oct 2017 19:17

Instrument :

BNA_M

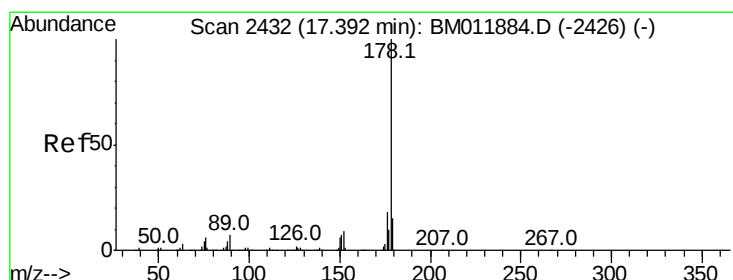
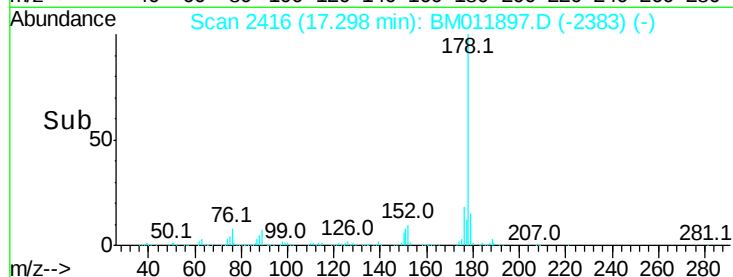
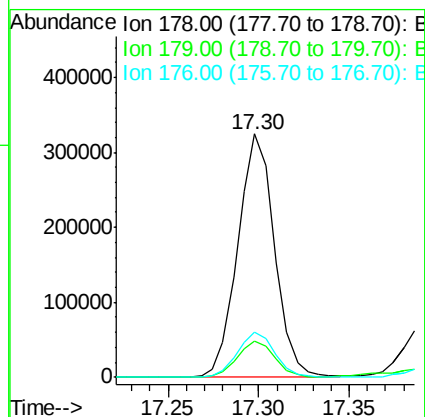
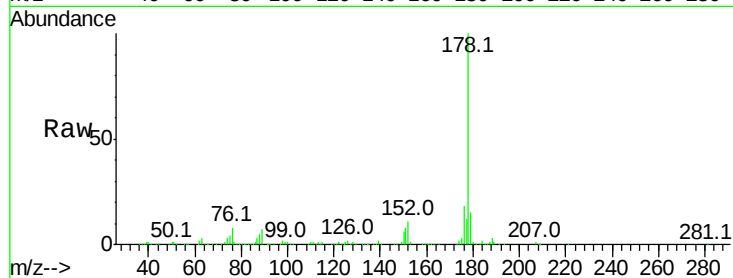
ClientSampleId :

B0BM3

Tot Ion:178	Resp:	454065
Ion Ratio	Lower	Upper
178 100		
179 15.0	12.6	19.0
176 18.5	14.9	22.3

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#71

Anthracene

Concen: 1.024 ng/ul

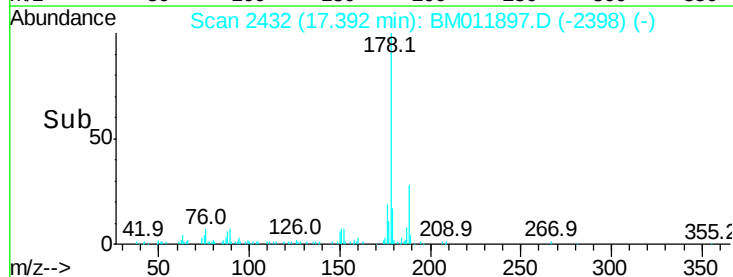
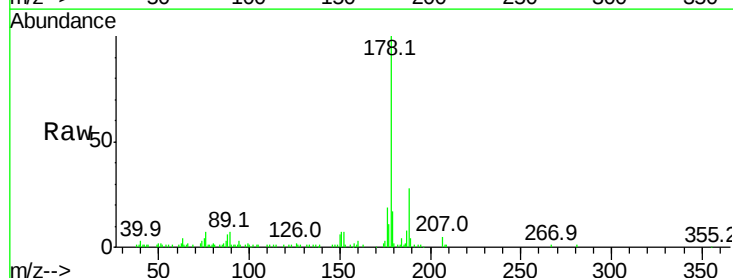
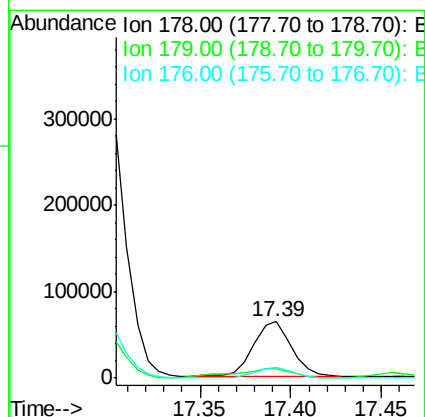
RT: 17.39 min Scan# 2432

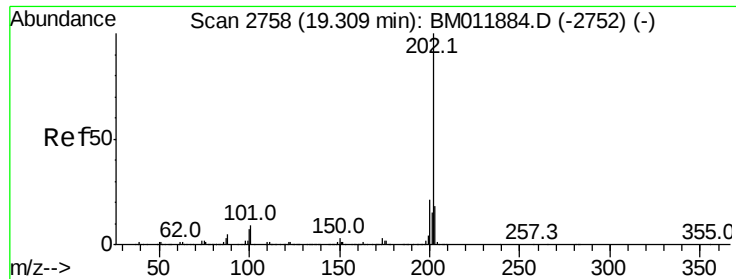
Delta R.T. 0.00 min

Lab File: BM011897.D

Acq: 04 Oct 2017 19:17

Tgt Ion:178	Resp:	95009
Ion Ratio	Lower	Upper
178 100		
179 17.0	11.7	17.5
176 18.9	14.6	21.8





#74

Fluoranthene

Concen: 6.366 ng/ul

RT: 19.31 min Scan# 2758

Delta R.T. 0.00 min

Lab File: BM011897.D

Acq: 04 Oct 2017 19:17

Instrument :

BNA_M

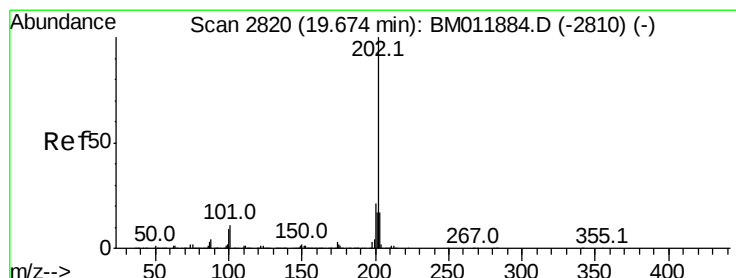
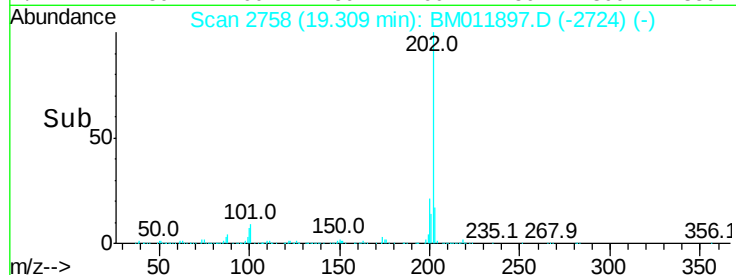
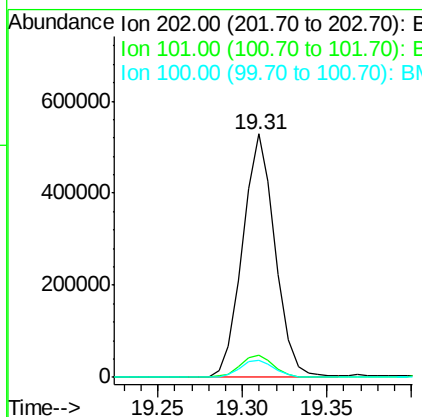
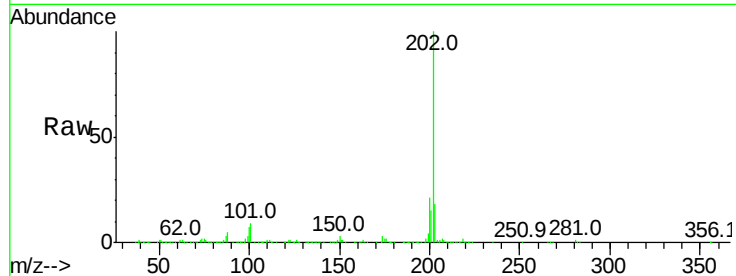
ClientSampleId :

B0BM3

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	8.9	4.6	7.0#
100	6.8	3.4	5.2#

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#77

Pyrene

Concen: 5.401 ng/ul

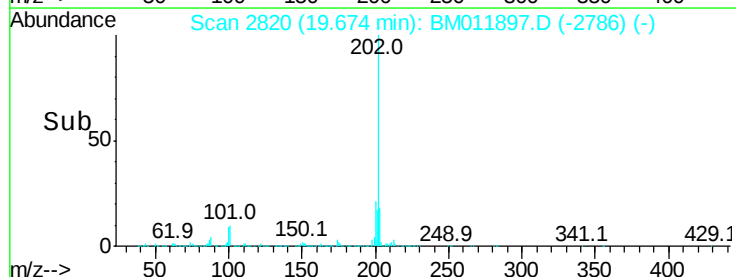
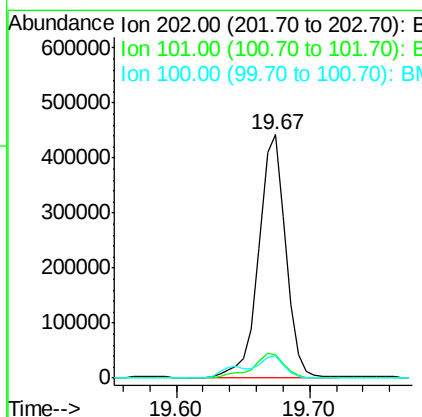
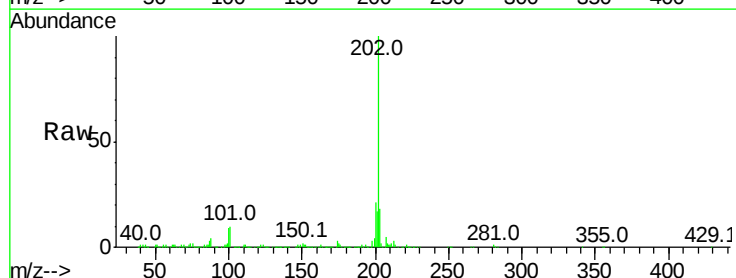
RT: 19.67 min Scan# 2820

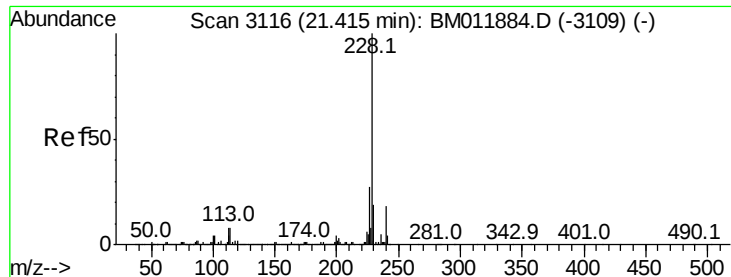
Delta R.T. 0.00 min

Lab File: BM011897.D

Acq: 04 Oct 2017 19:17

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	9.7	5.1	7.7#
100	9.2	4.9	7.3#





#80

Benzo(a)anthracene

Concen: 3.263 ng/ul

RT: 21.41 min Scan# 3115

Delta R.T. -0.01 min

Lab File: BM011897.D

Acq: 04 Oct 2017 19:17

Instrument :

BNA_M

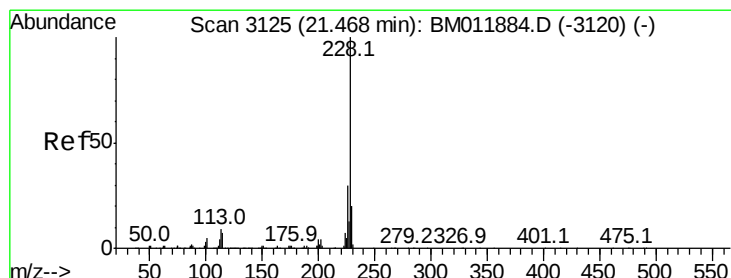
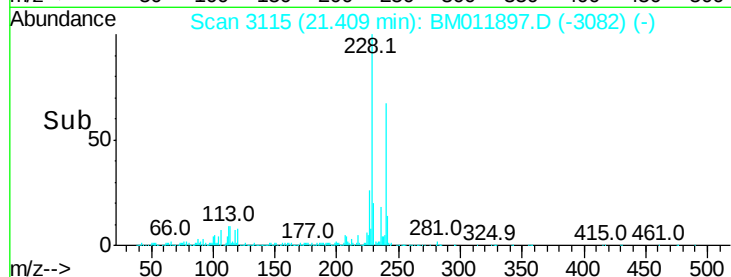
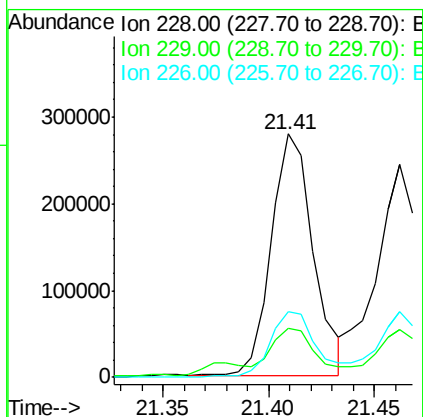
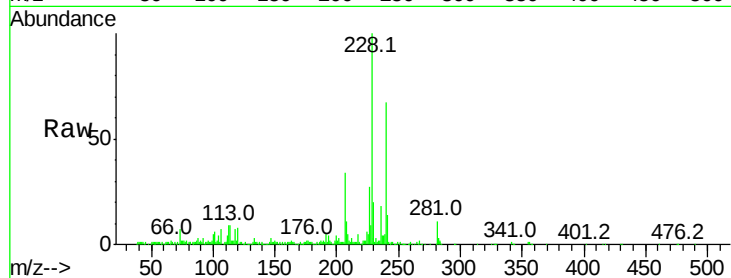
ClientSampleId :

B0BM3

Tot Ion:	228	Resp:	384965
Ion Ratio	Lower	Upper	
228	100		
229	20.3	15.4	23.0
226	26.7	21.4	32.0

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#82

Chrysene

Concen: 3.245 ng/ul

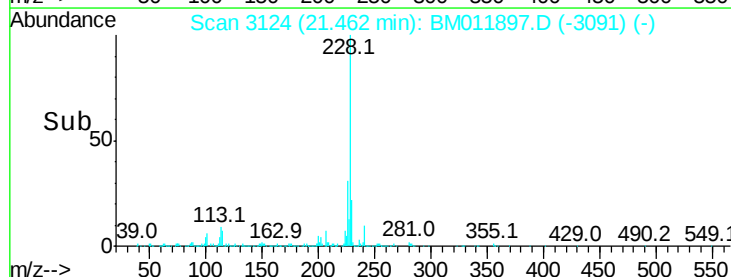
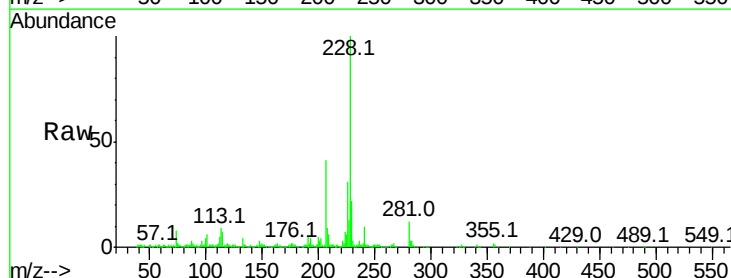
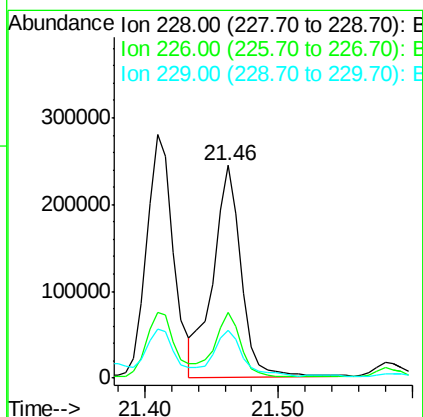
RT: 21.46 min Scan# 3124

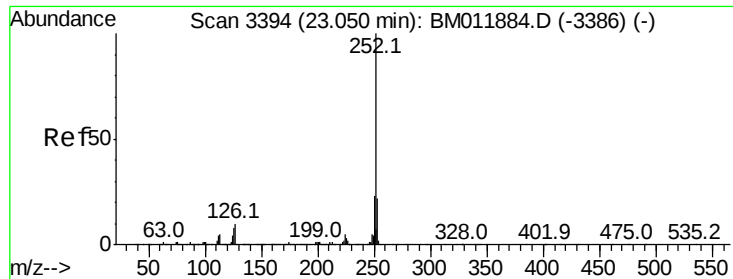
Delta R.T. -0.01 min

Lab File: BM011897.D

Acq: 04 Oct 2017 19:17

Tgt Ion:	228	Resp:	363741
Ion Ratio	Lower	Upper	
228	100		
226	30.7	23.4	35.2
229	22.4	15.5	23.3





#85

Benzo(b)fluoranthene

Concen: 3.183 ng/ul

RT: 23.05 min Scan# 3394

Delta R.T. 0.00 min

Lab File: BM011897.D

Acq: 04 Oct 2017 19:17

Instrument :

BNA_M

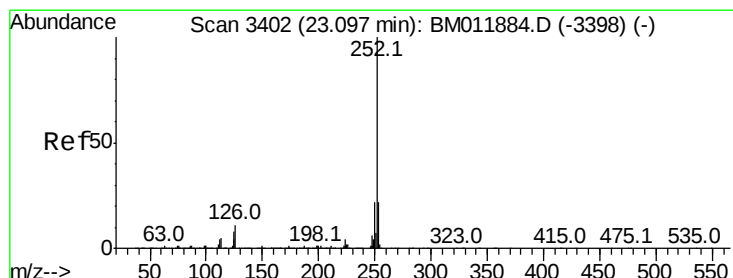
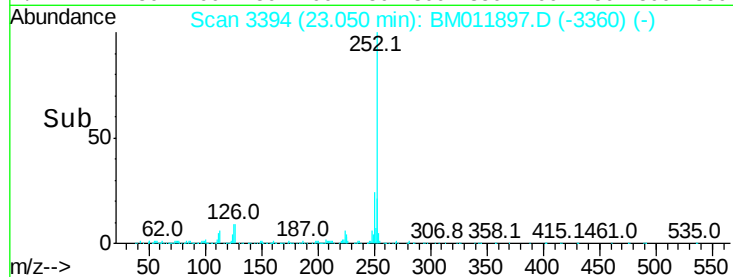
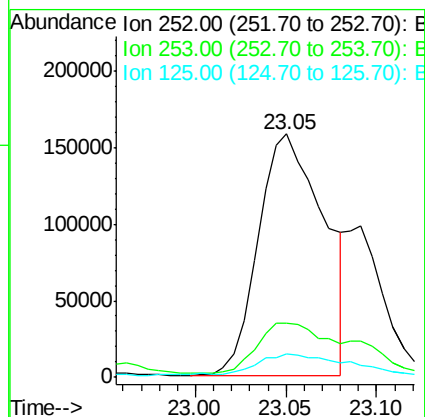
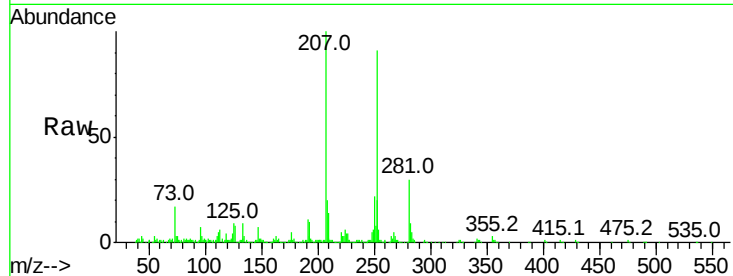
ClientSampleId :

B0BM3

Tot Ion:	252	Resp:	398332
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.9	26.9
125	9.8	3.6	5.4#

Manual Integrations
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#86

Benzo(k)fluoranthene

Concen: 1.178 ng/ul m

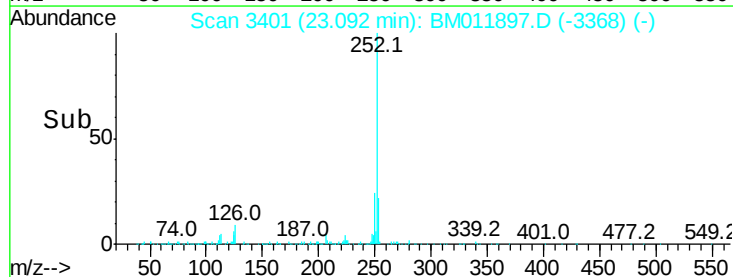
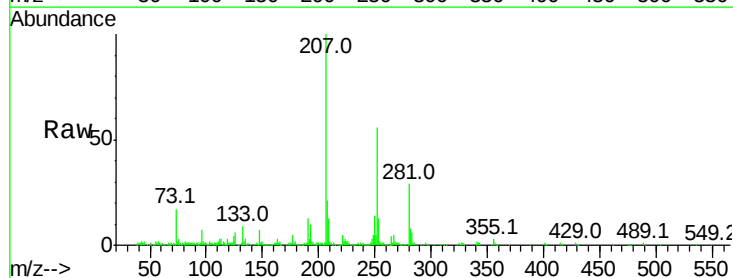
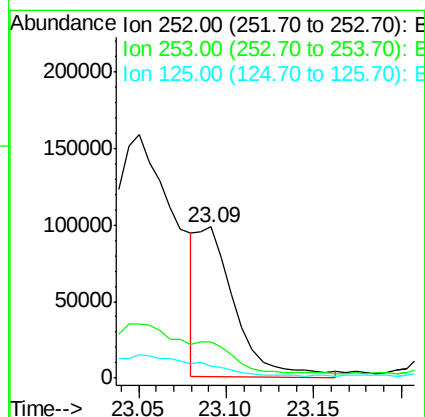
RT: 23.09 min Scan# 3401

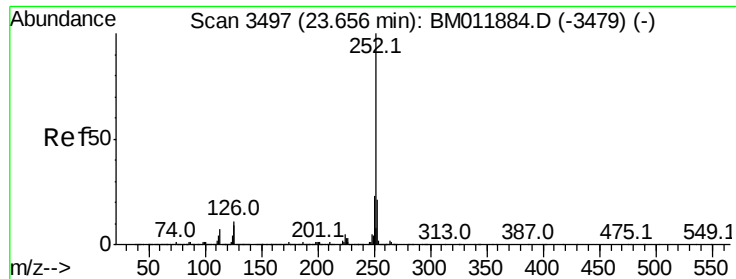
Delta R.T. -0.01 min

Lab File: BM011897.D

Acq: 04 Oct 2017 19:17

Tgt Ion:	252	Resp:	147217
Ion Ratio	Lower	Upper	
252	100		
253	23.7	17.1	25.7
125	7.8	3.4	5.2#





#88

Benzo(a)pyrene

Concen: 2.264 ng/ul

RT: 23.65 min Scan# 3496

Delta R.T. -0.01 min

Lab File: BM011897.D

Acq: 04 Oct 2017 19:17

Instrument :

BNA_M

ClientSampleId :

B0BM3

Tot Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	24.5	18.2	27.2
125	10.5	4.0	6.0

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