

Data Path : Z:\HPCHEM1\BNA M\DATA\BM100417\
 Data File : BM011902.D
 Acq On : 04 Oct 2017 22:18
 Operator : SJ/JU
 Sample : I5414-06
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B0BK9

Manual Integrations
 APPROVED

Sohil
 10/5/2017 6:17:52 PM

Quant Time: Oct 05 07:32:51 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 05 07:08:17 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	314684	20.00	ng/ul	0.00
18) Naphthalene-d8	10.68	136	1474261	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.52	164	935794	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.26	188	2161366	20.00	ng/ul	0.00
75) Chrysene-d12	21.43	240	2017656	20.00	ng/ul	0.00
83) Perylene-d12	23.76	264	1690277	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	19076	2.87	ng/uL	0.00
5) Phenol-d5	7.03	99	335708	12.40	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.20	67	250895	15.66	ng/ul	0.00
9) 2-Chlorophenol-d4	7.40	132	321618	14.81	ng/ul	0.00
13) 4-Methylphenol-d8	8.57	113	259196	11.07	ng/ul	0.00
19) Nitrobenzene-d5	9.04	128	169564	16.15	ng/ul	0.00
22) 2-Nitrophenol-d4	9.76	143	183860	15.55	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.30	165	337473	14.12	ng/ul	0.00
29) 4-Chloroaniline-d4	10.82	131	307096	11.78	ng/ul	0.00
43) Dimethylphthalate-d6	13.92	166	1282582	15.81	ng/ul	0.00
46) Acenaphthylene-d8	14.21	160	1550164	16.27	ng/ul	0.00
51) 4-Nitrophenol-d4	14.72	143	30811	2.17	ng/ul	0.00
57) Fluorene-d10	15.51	176	1175849	16.43	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.63	200	21882	1.50	ng/ul	0.00
70) Anthracene-d10	17.36	188	1926531	18.09	ng/ul	0.00
76) Pyrene-d10	19.65	212	2230020	24.50	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.61	264	1506577	18.53	ng/ul	0.00
Target Compounds						
6) Phenol	7.06	94	31960	1.193	ng/ul	86
44) Dimethylphthalate	13.97	163	612064	7.844	ng/ul	100
69) Phenanthrene	17.30	178	673200	5.662	ng/ul	99
74) Fluoranthene	19.32	202	1801206	12.417	ng/ul#	91
77) Pyrene	19.67	202	1599279	14.295	ng/ul#	89
80) Benzo(a)anthracene	21.42	228	768959	6.653	ng/ul	95
82) Chrysene	21.47	228	996064	9.070	ng/ul	95
85) Benzo(b)fluoranthene	23.06	252	1091245	10.621	ng/ul#	97
86) Benzo(k)fluoranthene	23.10	252	343890m	3.353	ng/ul	
88) Benzo(a)pyrene	23.66	252	630221	6.384	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	26.14	276	452374	4.282	ng/ul#	95
90) Dibenzo(a,h)anthracene	26.14	278	115301m	1.328	ng/ul	
91) Benzo(g,h,i)perylene	26.87	276	376275	4.306	ng/ul#	89

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

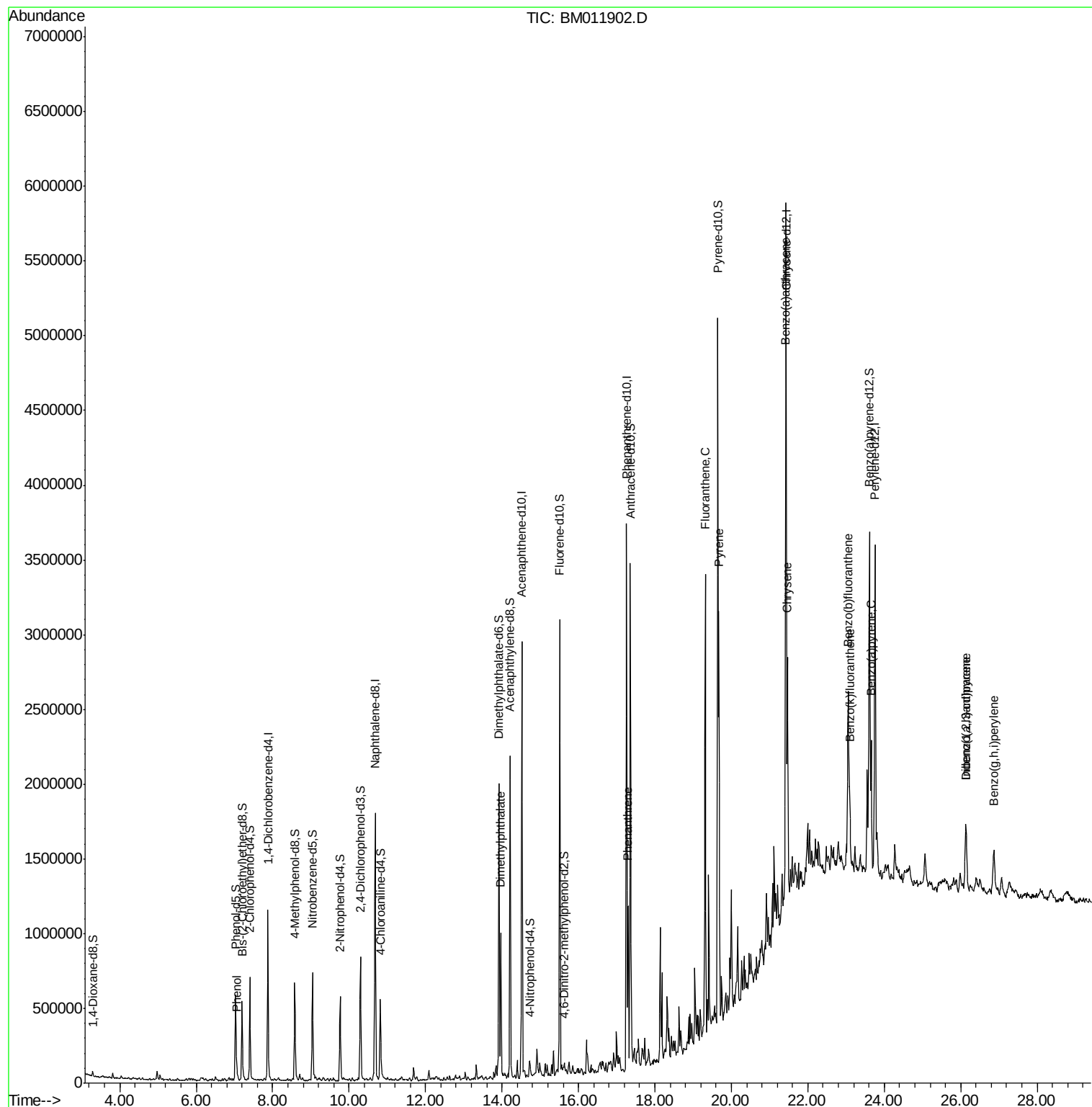
Data Path : Z:\HPCHEM1\BNA M\DATA\BM100417\
Data File : BM011902.D
Acq On : 04 Oct 2017 22:18
Operator : SJ/JU
Sample : I5414-06
Misc :
ALS Vial : 19 Sample Multiplier: 1

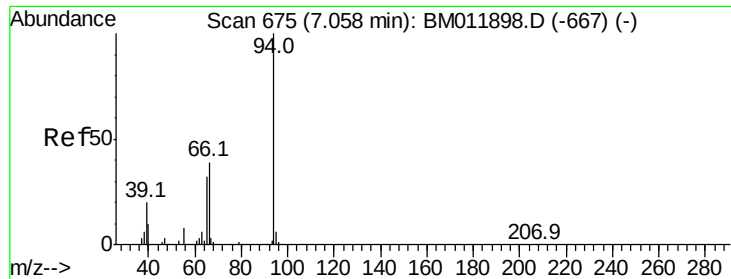
Instrument :
BNA_M
ClientSampleId :
B0BK9

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10/5/2017 6:17:52 PM

Quant Time: Oct 05 07:32:51 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 05 07:08:17 2017
Response via : Initial Calibration





#6

Phenol

Concen: 1.193 ng/ul

RT: 7.06 min Scan# 675

Delta R.T. -0.00 min

Lab File: BM011902.D

Acq: 04 Oct 2017 22:18

Instrument :

BNA_M

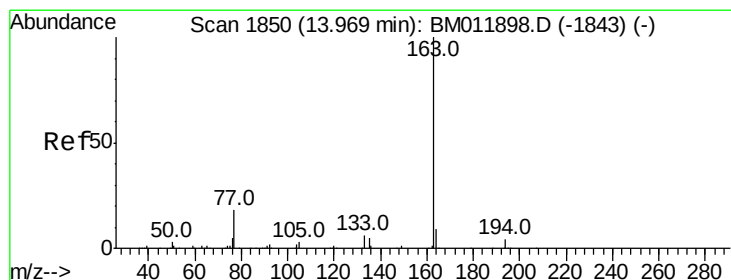
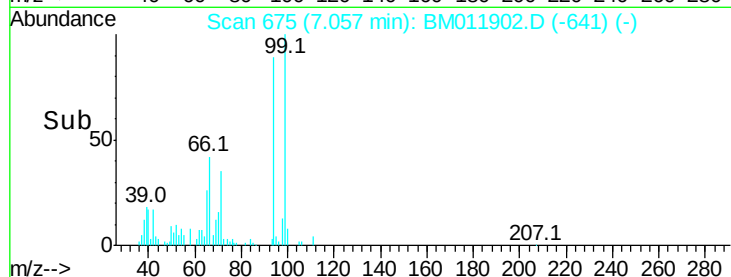
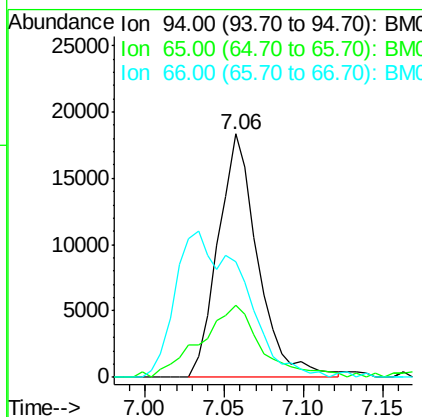
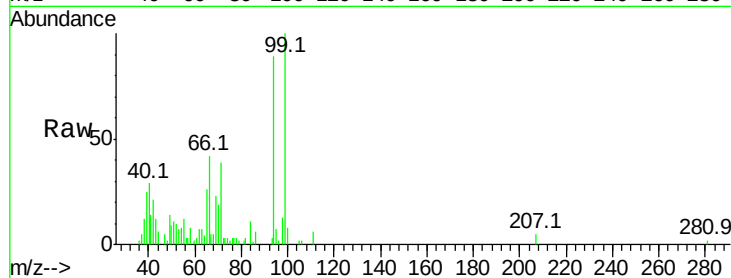
ClientSampled :

B0BK9

Tot Ion:	94	Resp:	31960
Ion Ratio	Lower	Upper	
94	100		
65	29.4	28.2	42.4
66	47.3	47.2	70.8

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#44

Dimethylphthalate

Concen: 7.844 ng/ul

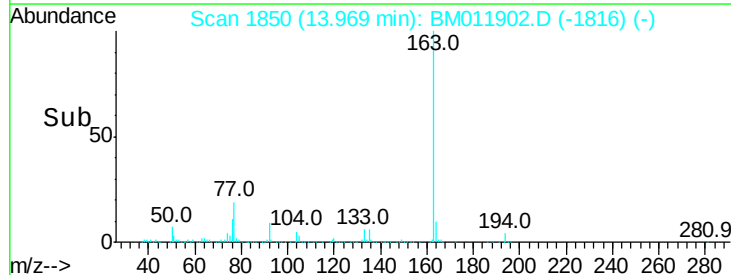
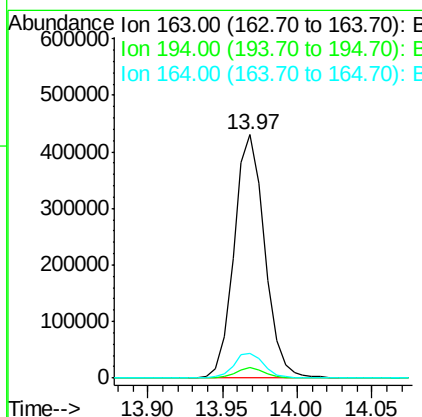
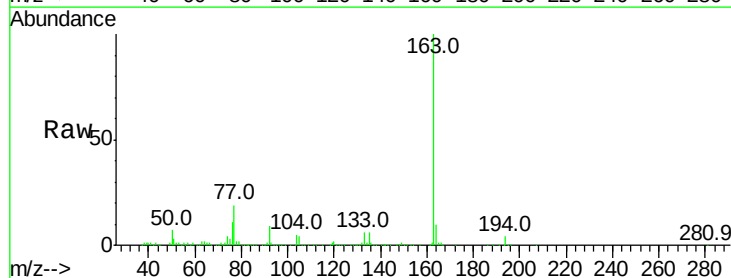
RT: 13.97 min Scan# 1850

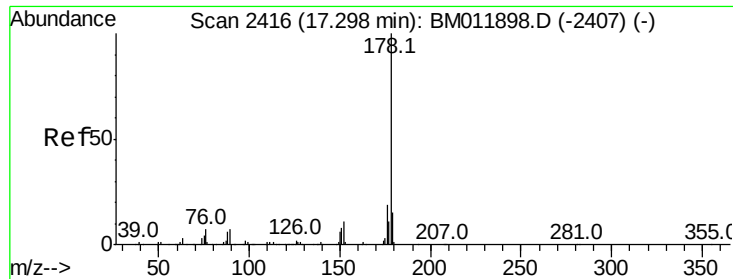
Delta R.T. -0.00 min

Lab File: BM011902.D

Acq: 04 Oct 2017 22:18

Tgt Ion:	163	Resp:	612064
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.5	5.3
164	10.1	8.2	12.4





#69

Phenanthrene

Concen: 5.662 ng/ul

RT: 17.30 min Scan# 2417

Delta R.T. 0.01 min

Lab File: BM011902.D

Acq: 04 Oct 2017 22:18

Instrument :

BNA_M

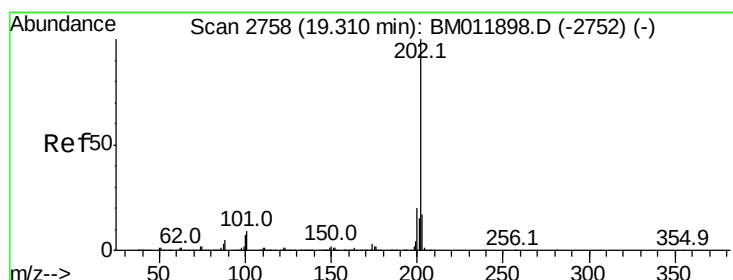
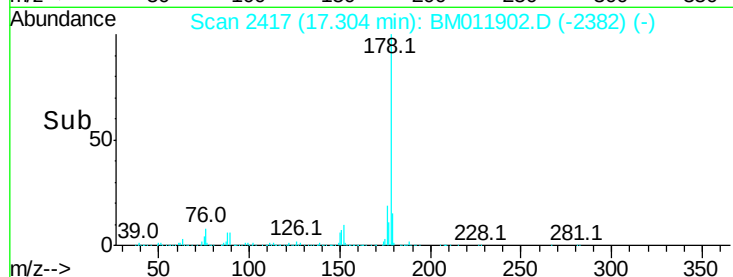
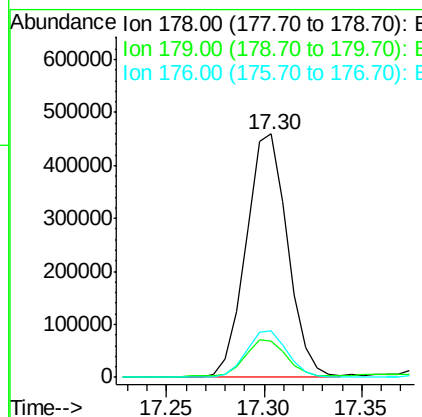
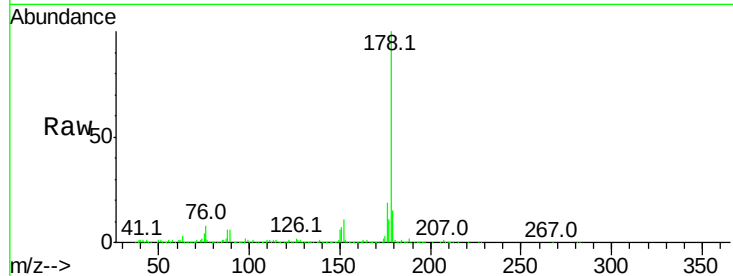
ClientSampleId :

B0BK9

Tot Ion:	178	Resp:	673200
Ion Ratio	Lower	Upper	
178	100		
179	14.9	12.6	19.0
176	19.0	14.9	22.3

Manual Integrations
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#74

Fluoranthene

Concen: 12.417 ng/ul

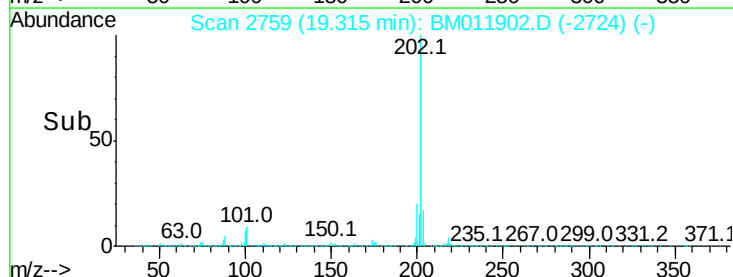
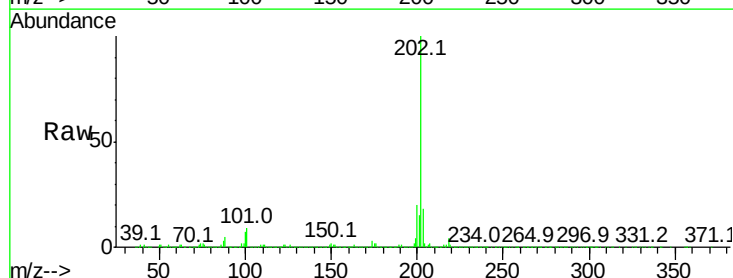
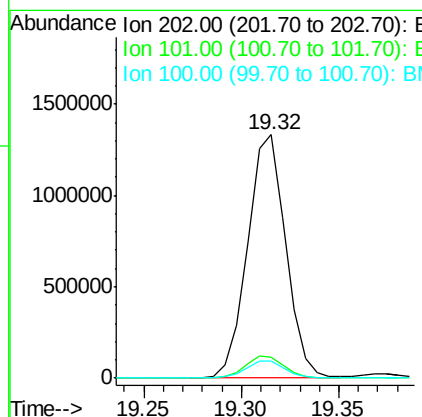
RT: 19.32 min Scan# 2759

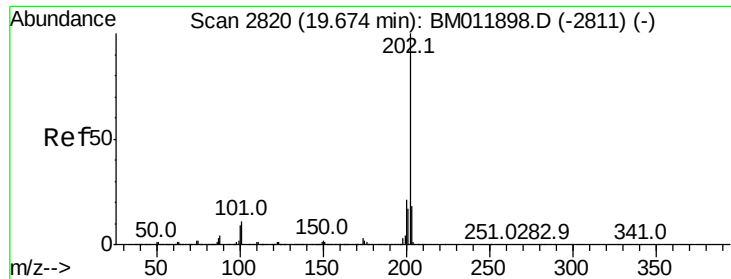
Delta R.T. 0.01 min

Lab File: BM011902.D

Acq: 04 Oct 2017 22:18

Tgt Ion:	202	Resp:	1801206
Ion Ratio	Lower	Upper	
202	100		
101	8.8	4.6	7.0#
100	6.9	3.4	5.2#





#77

Pvrene

Concen: 14.295 ng/ul

RT: 19.67 min Scan# 2820

Delta R.T. -0.00 min

Lab File: BM011902.D

Acq: 04 Oct 2017 22:18

Instrument :

BNA_M

ClientSampleId :

B0BK9

Tot Ion:202 Resp: 1599279

Ion Ratio Lower Upper

202 100

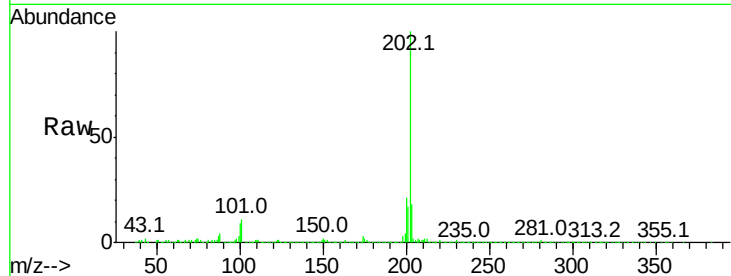
101 11.0 5.1 7.7#

100 9.1 4.9 7.3#

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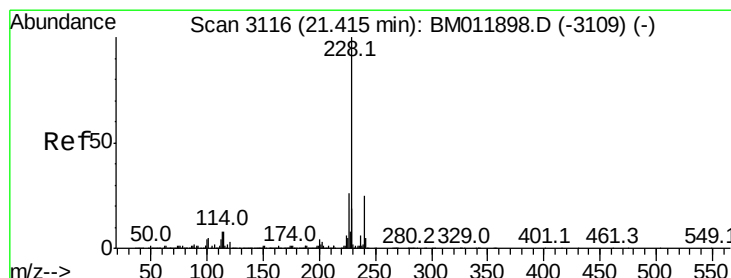
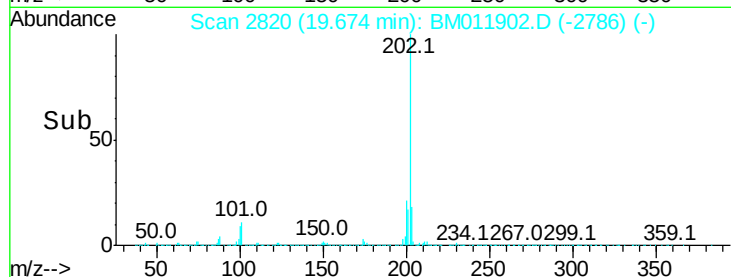
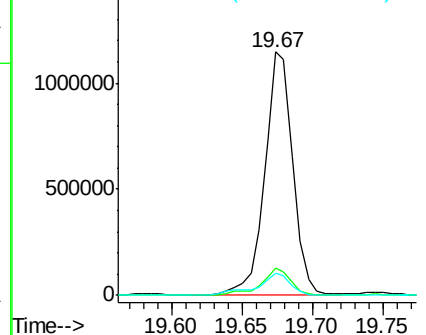
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E



#80

Benzo(a)anthracene

Concen: 6.653 ng/ul

RT: 21.42 min Scan# 3116

Delta R.T. -0.00 min

Lab File: BM011902.D

Acq: 04 Oct 2017 22:18

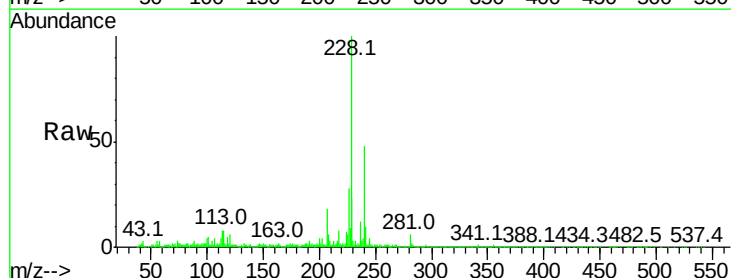
Tgt Ion:228 Resp: 768959

Ion Ratio Lower Upper

228 100

229 22.8 15.4 23.0

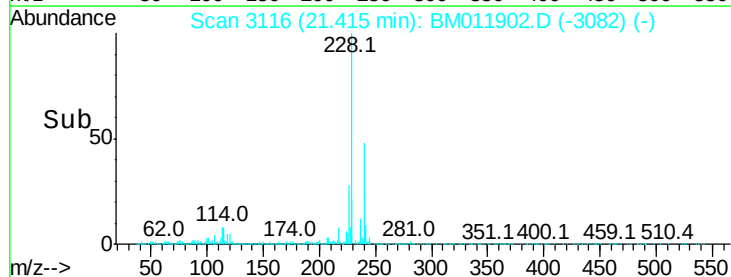
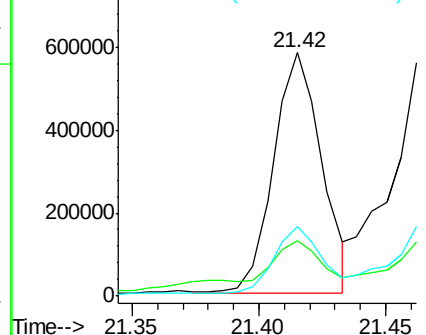
226 28.4 21.4 32.0

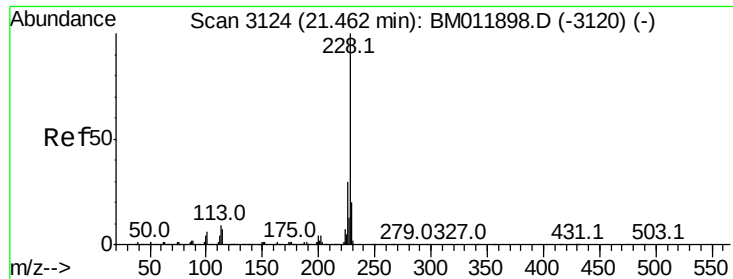


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





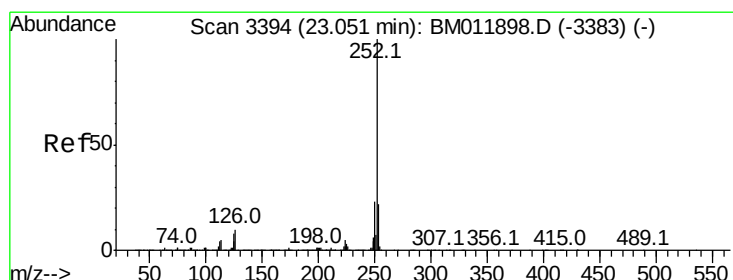
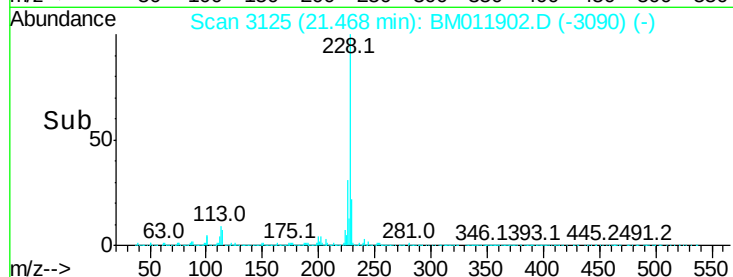
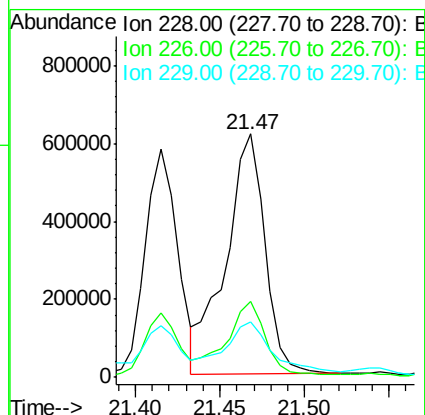
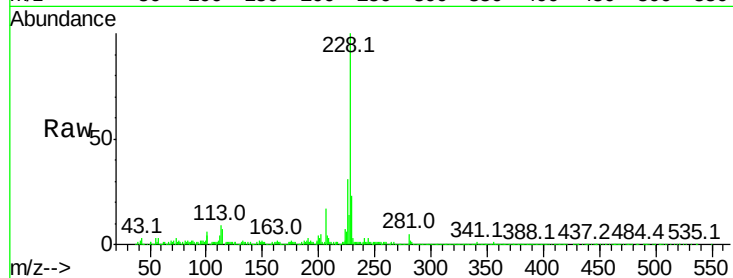
#82
Chrysene
Concen: 9.070 ng/ul
RT: 21.47 min Scan# 3125
Delta R.T. 0.01 min
Lab File: BM011902.D
Acq: 04 Oct 2017 22:18

Instrument :
BNA_M
ClientSampleId :
B0BK9

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.0	23.4	35.2
229	23.0	15.5	23.3

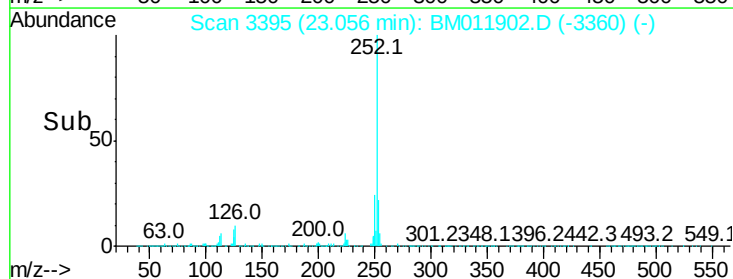
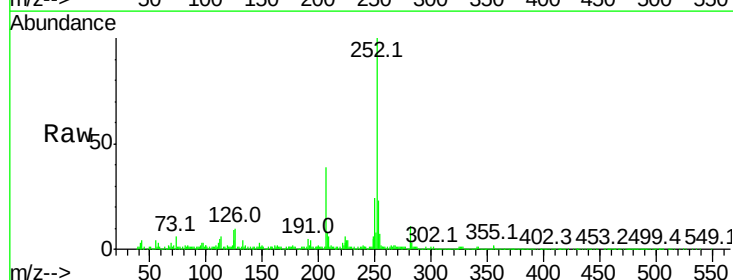
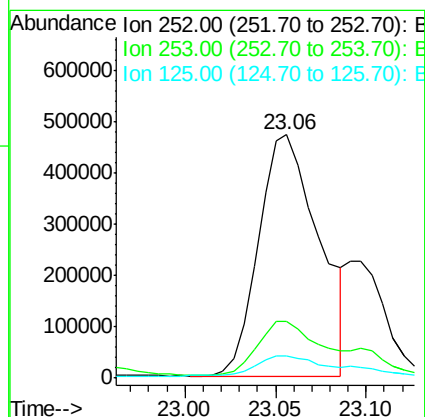
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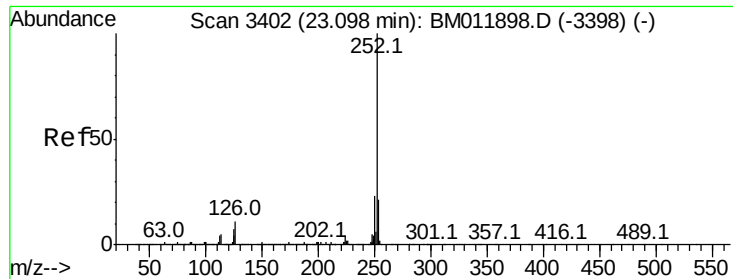
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#85
Benzo(b)fluoranthene
Concen: 10.621 ng/ul
RT: 23.06 min Scan# 3395
Delta R.T. 0.01 min
Lab File: BM011902.D
Acq: 04 Oct 2017 22:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.9	26.9
125	8.9	3.6	5.4





#86

Benzo(k)fluoranthene

Concen: 3.353 ng/ul m

RT: 23.10 min Scan# 3402

Delta R.T. -0.00 min

Lab File: BM011902.D

Acq: 04 Oct 2017 22:18

Instrument :

BNA_M

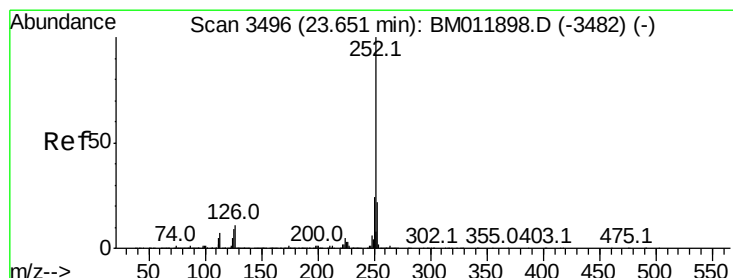
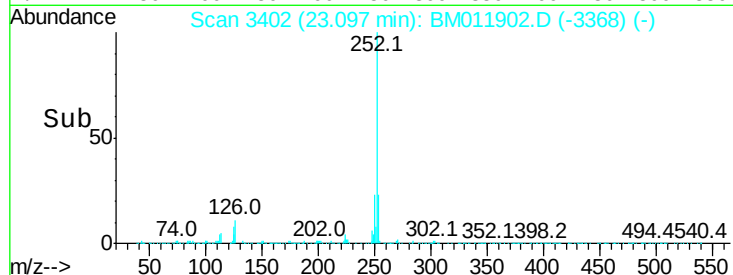
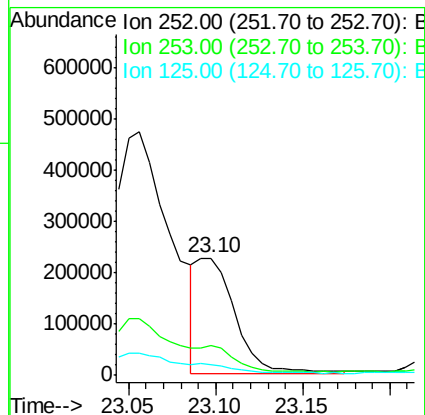
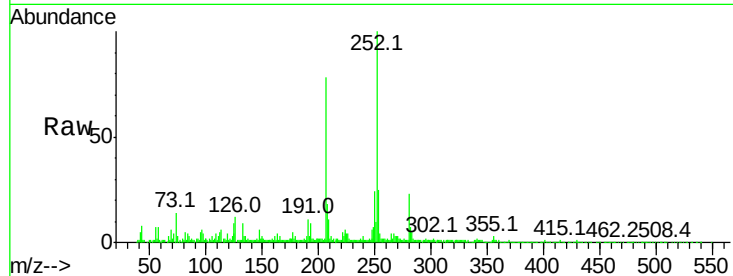
ClientSampled :

B0BK9

Tot Ion:	252	Resp:	343890
Ion Ratio	Lower	Upper	
252	100		
253	25.2	17.1	25.7
125	9.4	3.4	5.2#

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#88

Benzo(a)pyrene

Concen: 6.384 ng/ul

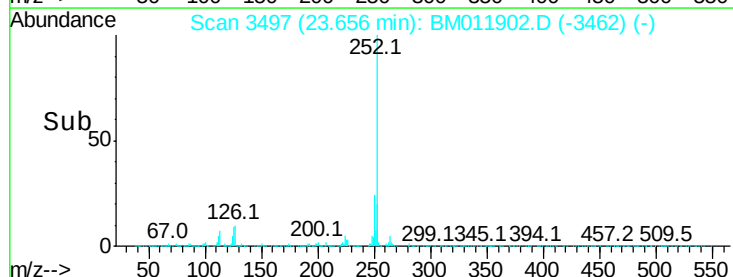
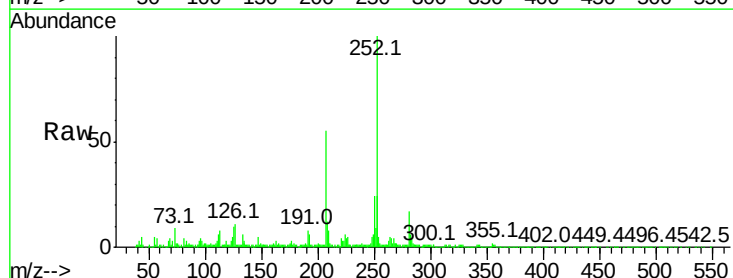
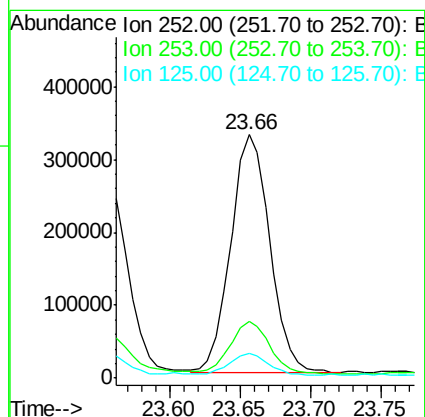
RT: 23.66 min Scan# 3497

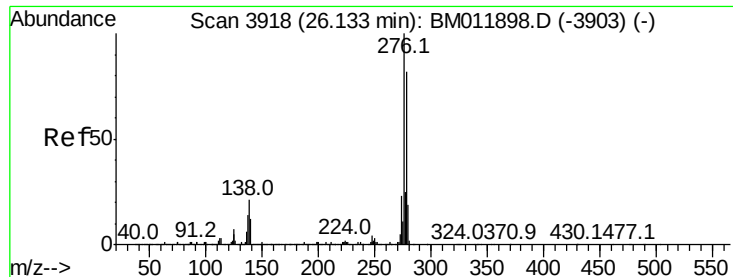
Delta R.T. 0.01 min

Lab File: BM011902.D

Acq: 04 Oct 2017 22:18

Tgt Ion:	252	Resp:	630221
Ion Ratio	Lower	Upper	
252	100		
253	23.5	18.2	27.2
125	10.0	4.0	6.0#





#89

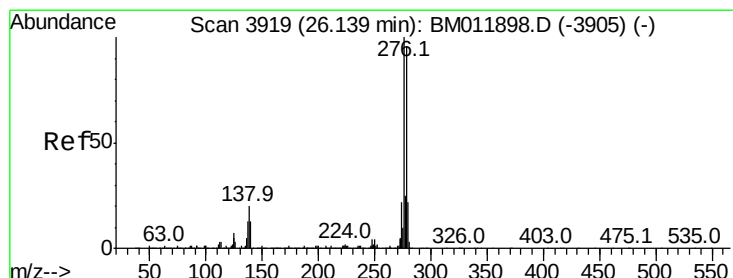
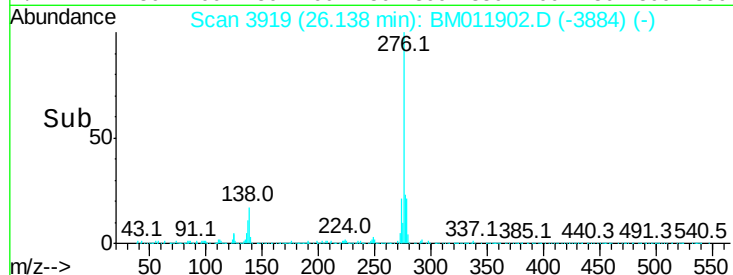
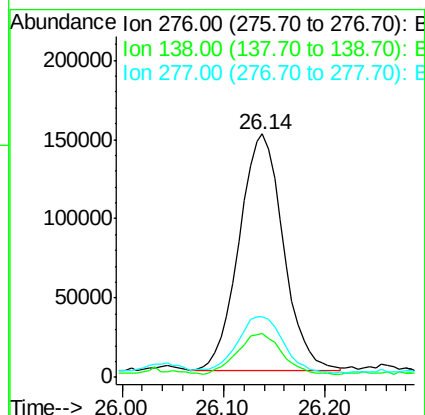
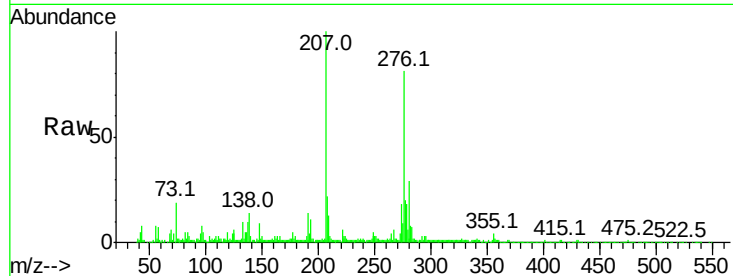
Indeno(1,2,3-cd)pyrene
Concen: 4.282 ng/ul
RT: 26.14 min Scan# 3919
Delta R.T. 0.01 min
Lab File: BM011902.D
Acq: 04 Oct 2017 22:18

Instrument :
BNA_M
ClientSampleId :
B0BK9

Tot Ion	Ratio	Lower	Upper
276	100		
138	17.8	9.3	13.9#
277	25.1	19.9	29.9

Manual Integrations
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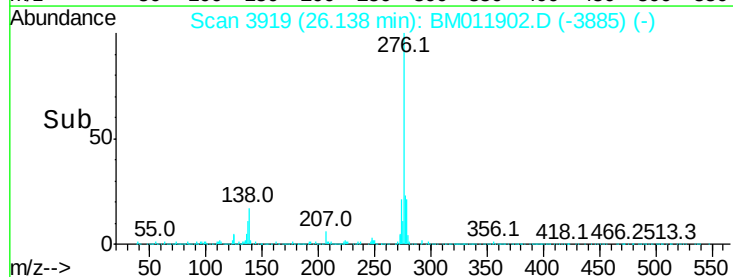
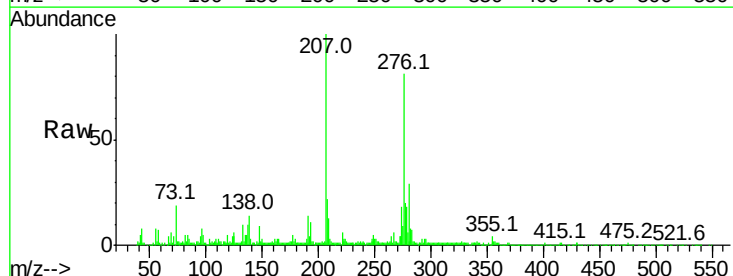
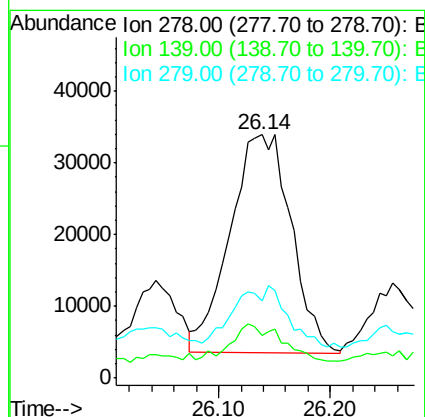
Sohil
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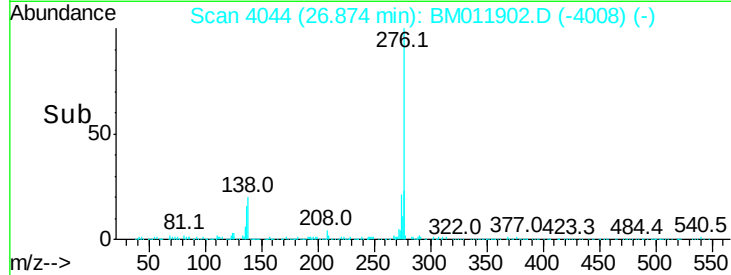
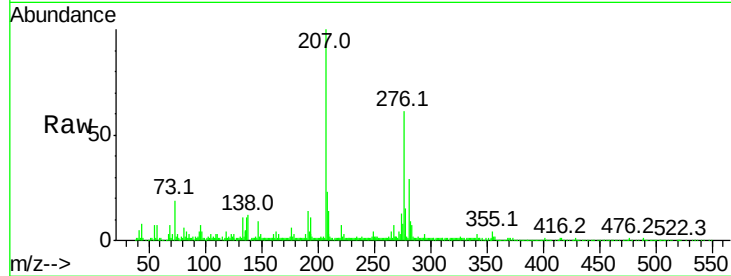
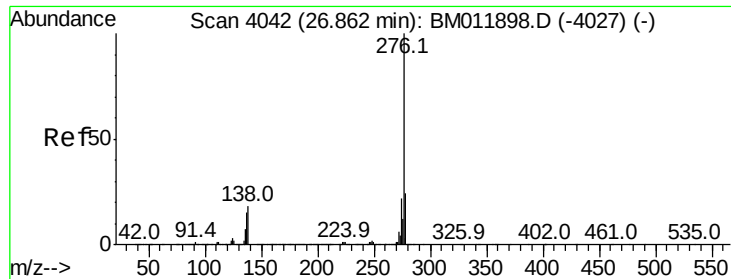


#90

Dibenzo(a,h)anthracene
Concen: 1.328 ng/ul m
RT: 26.14 min Scan# 3919
Delta R.T. -0.00 min
Lab File: BM011902.D
Acq: 04 Oct 2017 22:18

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.4	5.8	8.8#
279	31.9	18.6	27.8#





#91
 Benzo(a,h,i)perylene
 Concen: 4.306 ng/ul
 RT: 26.87 min Scan# 4044
 Delta R.T. 0.01 min
 Lab File: BM011902.D
 Acq: 04 Oct 2017 22:18

Instrument :
 BNA_M
 ClientSampleId :
 B0BK9

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.3	8.5	12.7#
277	25.2	18.6	28.0

Manual Integrations
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