

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102518\
 Data File : BM017345.D
 Acq On : 25 Oct 2018 15:47
 Operator : MJ/SJ
 Sample : J5598-06DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 C0AF1DL

Manual Integrations
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 10/26/2018 3:48:38 PM

Quant Time: Oct 26 01:38:10 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 26 01:13:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	309330	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1470167	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.30	164	884811	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.05	188	2112578	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	2456848	20.00	ng/ul	0.00
86) Perylene-d12	23.46	264	2434876	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	4320	0.64	ng/uL	0.00
5) Phenol-d5	6.83	99	79544	2.81	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	55080	3.34	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	66828	3.05	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	55377	2.48	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	33083	2.88	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	38470	2.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	65631	2.74	ng/ul	0.01
29) 4-Chloroaniline-d4	10.58	131	58655m	3.00	ng/ul	0.00
44) Dimethylphthalate-d6	13.72	166	244247	3.22	ng/ul	0.00
47) Acenaphthylene-d8	13.99	160	288233	3.13	ng/ul	0.00
52) 4-Nitrophenol-d4	14.55	143	19600	1.38	ng/ul	0.03
58) Fluorene-d10	15.29	176	217525	3.30	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.43	200	26214	1.78	ng/ul	0.00
71) Anthracene-d10	17.15	188	352188	3.37	ng/ul	0.00
79) Pyrene-d10	19.45	212	402543	3.54	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.32	264	433655	3.37	ng/ul	0.00

Target Compounds

					Qvalue
48) Acenaphthylene	14.02	152	182142	2.107	ng/ul 99
72) Anthracene	17.18	178	191683	1.556	ng/ul 98
77) Fluoranthene	19.11	202	3112981	22.387	ng/ul 98
80) Pyrene	19.47	202	4025538	28.216	ng/ul 97
83) Benzo(a)anthracene	21.23	228	2269940	15.098	ng/ul 97
85) Chrysene	21.28	228	2686390	18.791	ng/ul 98
88) Benzo(b)fluoranthene	22.80	252	5543555	38.895	ng/ul 98
89) Benzo(k)fluoranthene	22.84	252	1849708m	13.286	ng/ul
91) Benzo(a)pyrene	23.36	252	1973188	14.171	ng/ul 98
92) Indeno(1,2,3-cd)pyrene	25.66	276	1443974	8.523	ng/ul 97
93) Dibenzo(a,h)anthracene	25.66	278	380103m	2.687	ng/ul
94) Benzo(g,h,i)perylene	26.33	276	993671	6.904	ng/ul 99

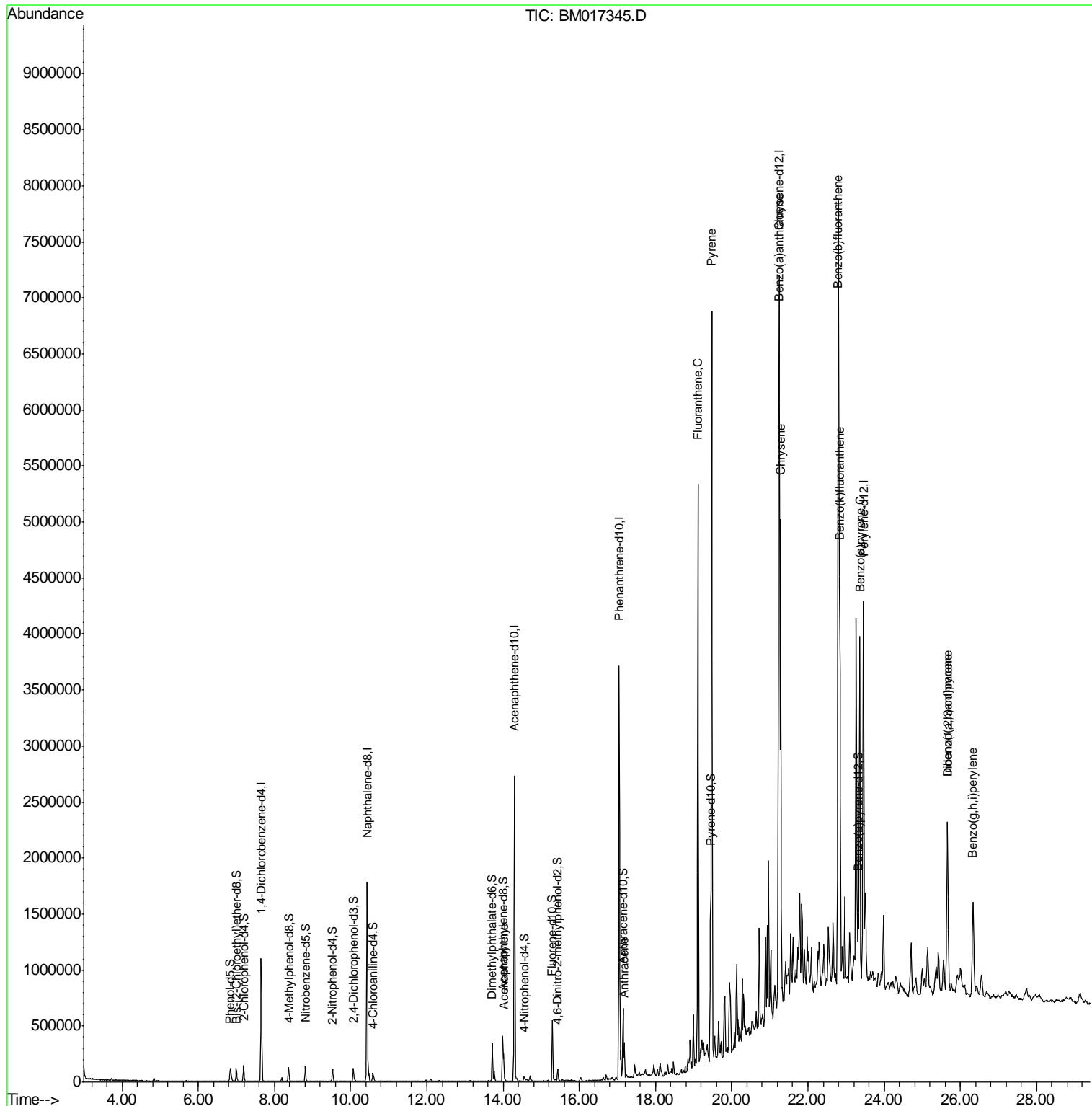
(#) = qualifier out of range (m) = manual integration (+) = signals summed

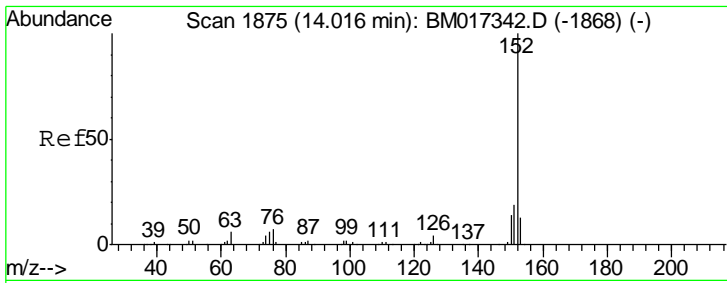
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102518\
 Data File : BM017345.D
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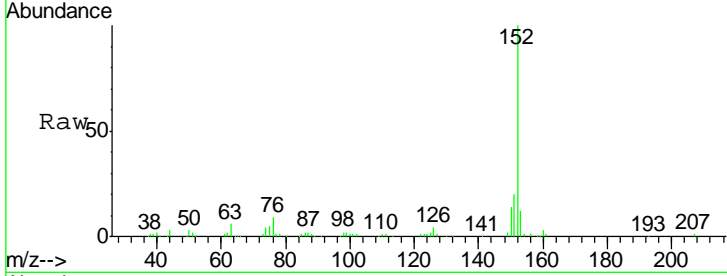
Quant Time: Oct 26 01:38:10 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 26 01:13:26 2018
 Response via : Initial Calibration





#48
 Acenaphthylene
 Concen: 2.107 ng/ul
 RT: 14.02 min Scan# 1875
 Delta R.T. 0.00 min
 Lab File: BM017345.D
 Acq: 25 Oct 2018 15:47

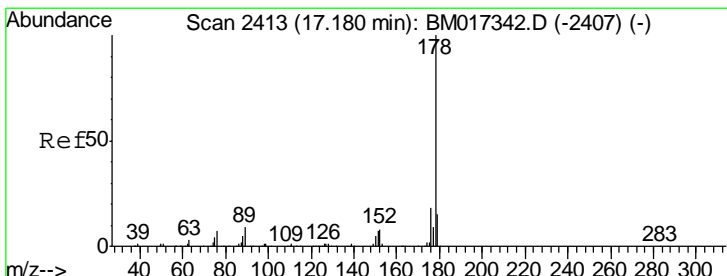
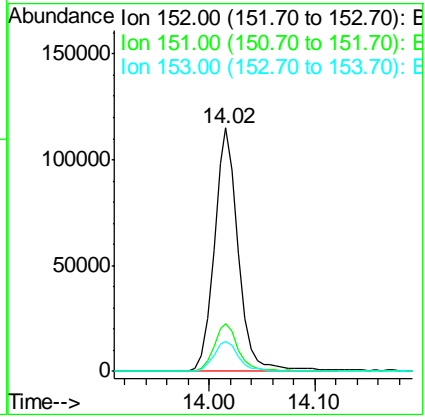
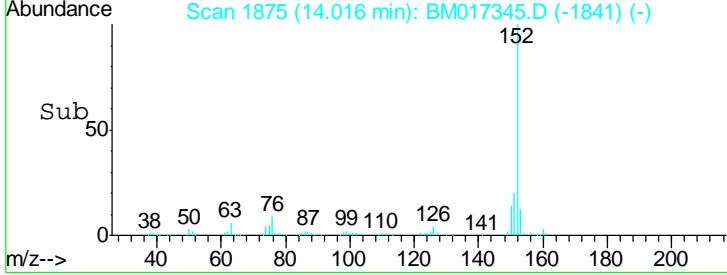
Instrument :
 BNA_M
Client Sampled :
 C0AF1DL



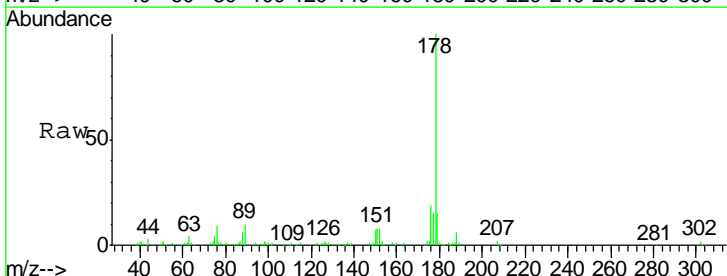
Tgt Ion: 152 Resp: 182142

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.3	22.9
153	12.0	10.2	15.4

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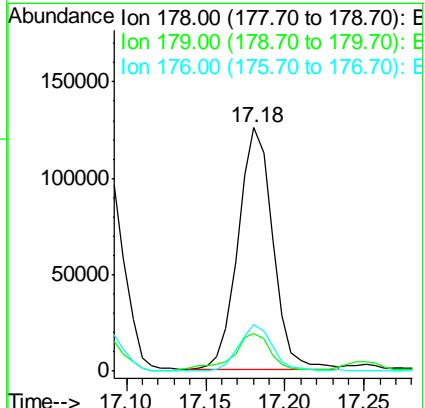
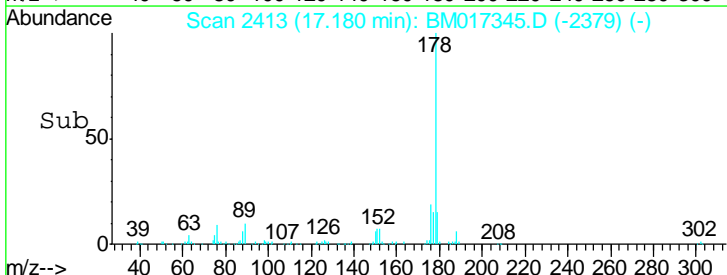


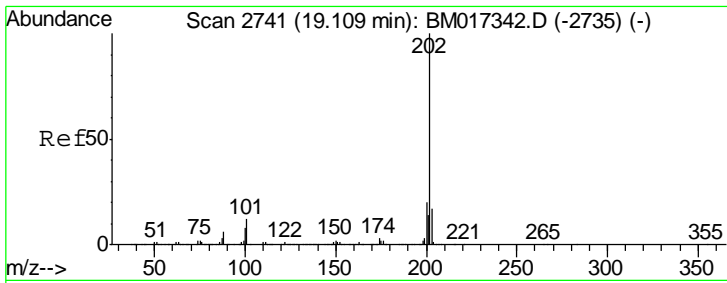
#72
 Anthracene
 Concen: 1.556 ng/ul
 RT: 17.18 min Scan# 2413
 Delta R.T. 0.00 min
 Lab File: BM017345.D
 Acq: 25 Oct 2018 15:47



Tgt Ion: 178 Resp: 191683

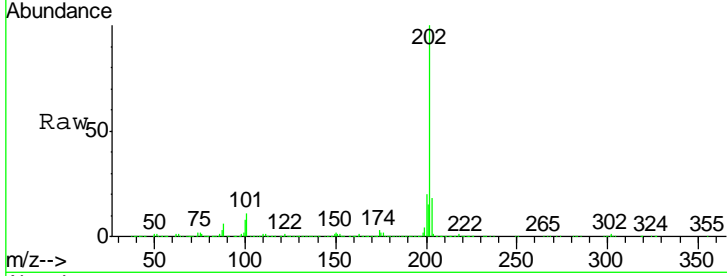
Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.2	18.2
176	19.1	14.2	21.2





#77
 Fluoranthene
 Concen: 22.387 ng/ul
 RT: 19.11 min Scan# 2741
 Delta R.T. 0.00 min
 Lab File: BM017345.D
 Acq: 25 Oct 2018 15:47

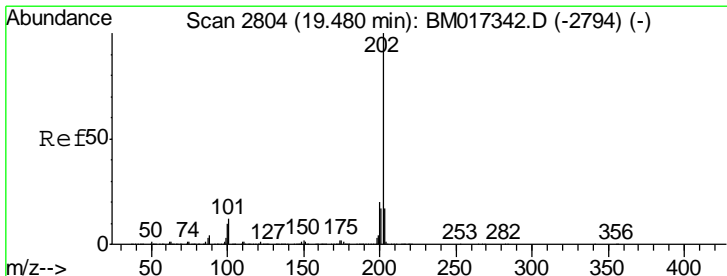
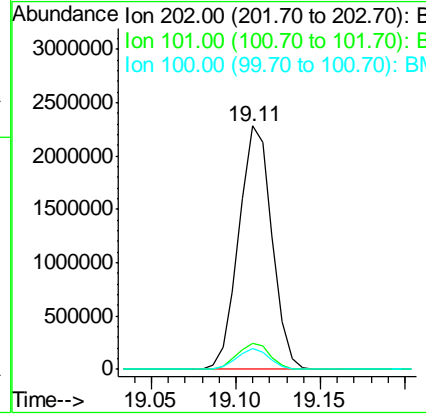
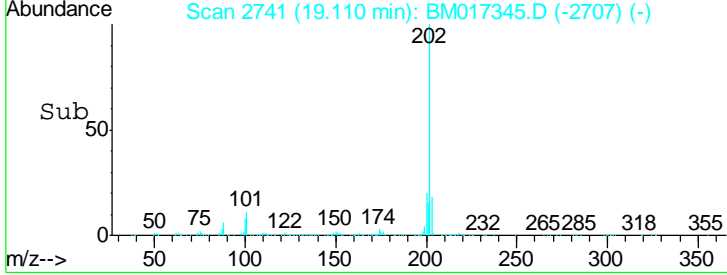
Instrument :
 BNA_M
ClientSampled :
 C0AF1DL



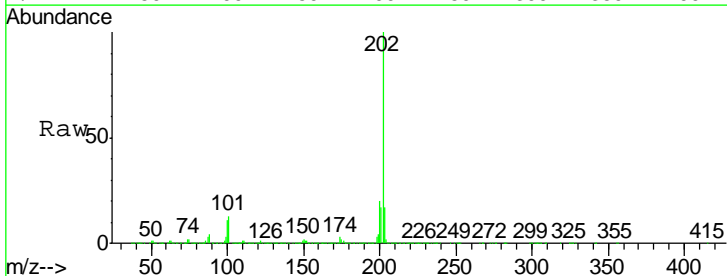
Tgt Ion: 202 Resp: 3112981

Ion	Ratio	Lower	Upper
202	100		
101	10.9	8.2	12.4
100	8.4	6.3	9.5

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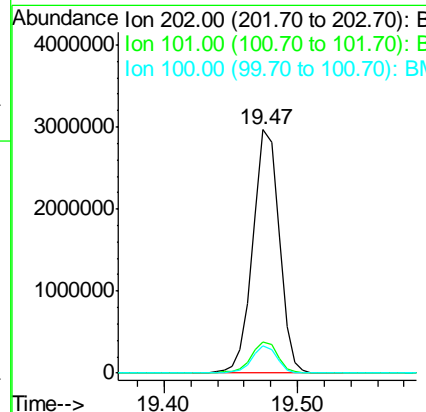
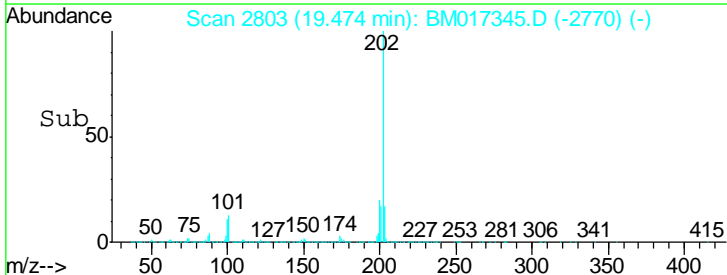


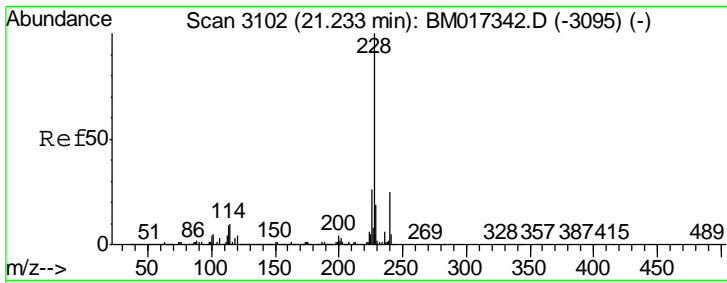
#80
 Pyrene
 Concen: 28.216 ng/ul
 RT: 19.47 min Scan# 2803
 Delta R.T. -0.01 min
 Lab File: BM017345.D
 Acq: 25 Oct 2018 15:47



Tgt Ion: 202 Resp: 4025538

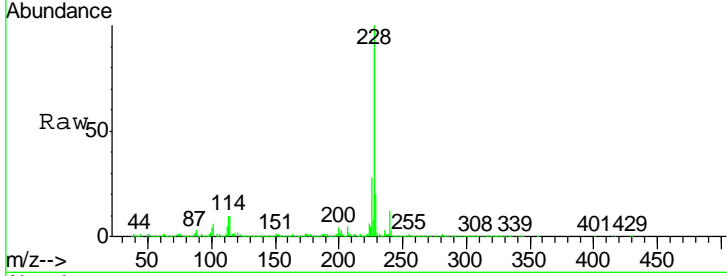
Ion	Ratio	Lower	Upper
202	100		
101	13.0	9.5	14.3
100	11.0	8.1	12.1





#83
 Benzo(a)anthracene
 Concen: 15.098 ng/ul
 RT: 21.23 min Scan# 3101
 Delta R.T. -0.01 min
 Lab File: BM017345.D
 Acq: 25 Oct 2018 15:47

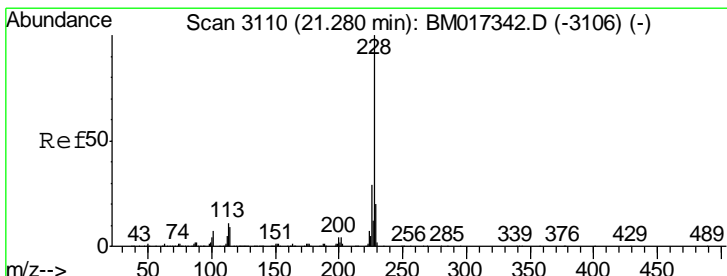
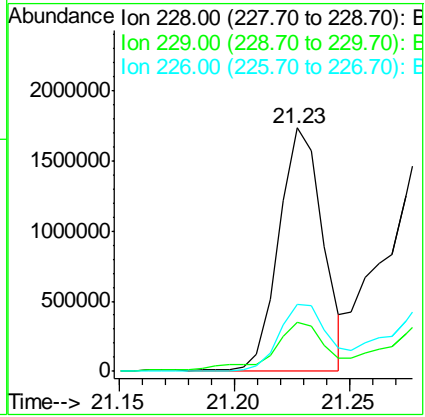
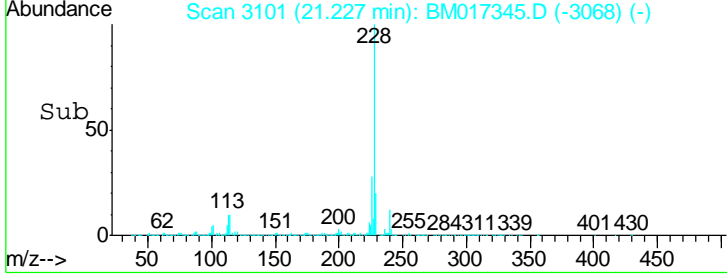
Instrument :
 BNA_M
Client Sampled :
 C0AF1DL



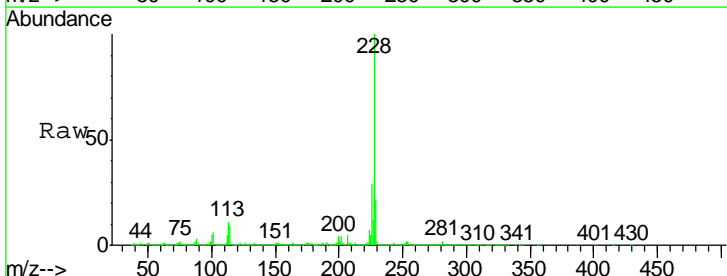
Tgt Ion: 228 Resp: 2269940

Ion	Ratio	Lower	Upper
228	100		
229	20.1	15.6	23.4
226	27.8	20.8	31.2

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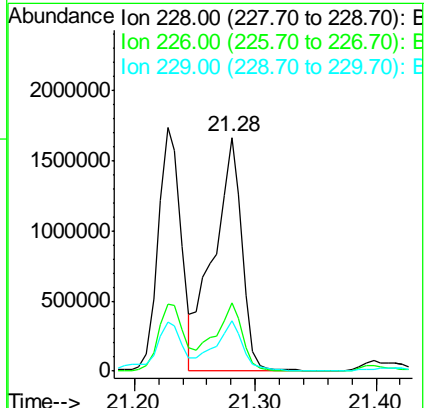
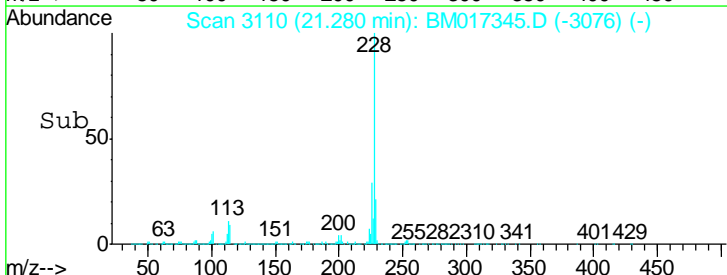


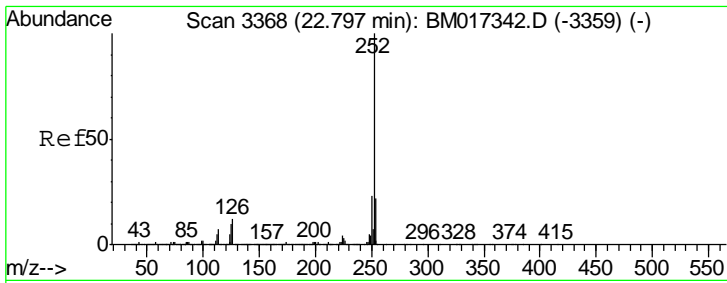
#85
 Chrysene
 Concen: 18.791 ng/ul
 RT: 21.28 min Scan# 3110
 Delta R.T. 0.00 min
 Lab File: BM017345.D
 Acq: 25 Oct 2018 15:47



Tgt Ion: 228 Resp: 2686390

Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.3	34.9
229	21.3	15.6	23.4





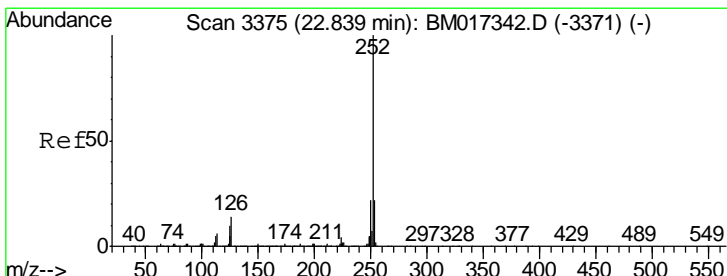
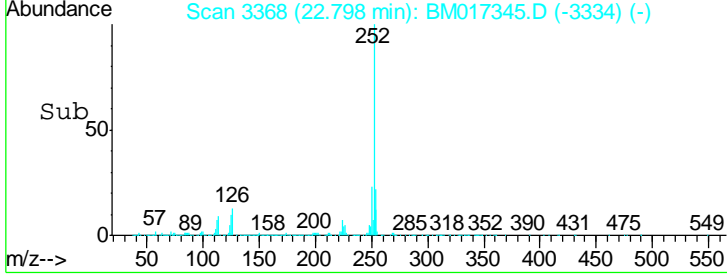
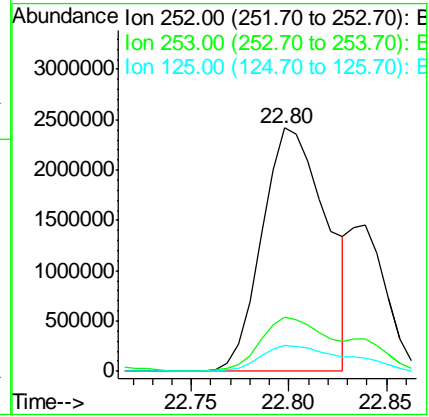
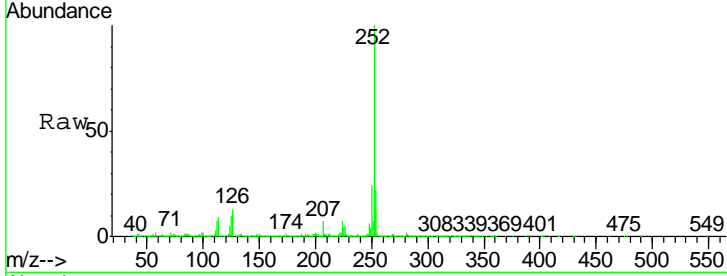
#88
 Benzo(b)fluoranthene
 Concen: 38.895 ng/ul
 RT: 22.80 min Scan# 3368
 Delta R.T. 0.00 min
 Lab File: BM017345.D
 Acq: 25 Oct 2018 15:47

Instrument :
 BNA_M
ClientSampled :
 C0AF1DL

Tgt Ion: 252 Resp: 5543555

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.6	26.4
125	10.5	7.2	10.8

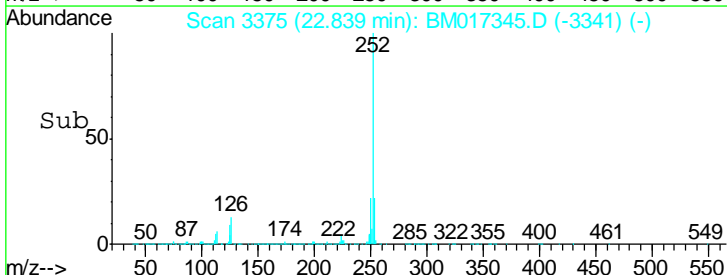
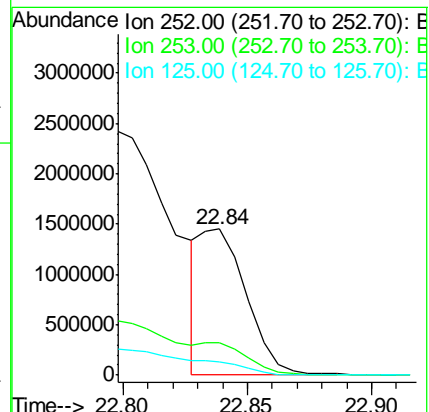
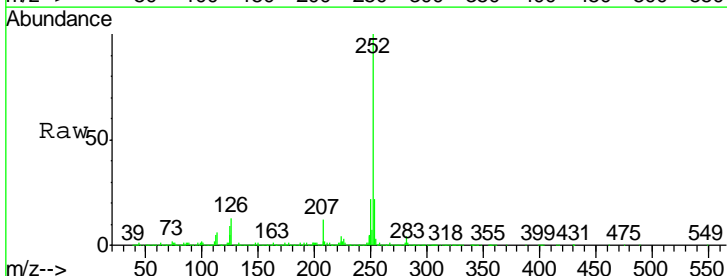
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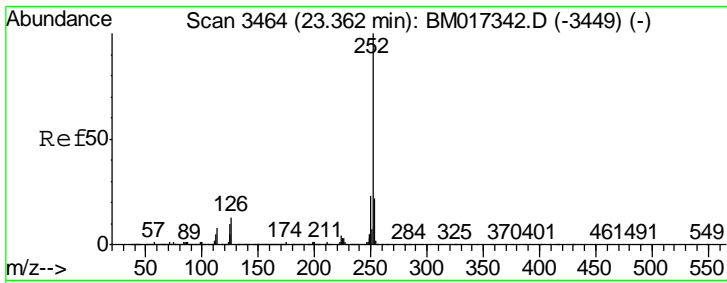


#89
 Benzo(k)fluoranthene
 Concen: 13.286 ng/ul m
 RT: 22.84 min Scan# 3375
 Delta R.T. 0.00 min
 Lab File: BM017345.D
 Acq: 25 Oct 2018 15:47

Tgt Ion: 252 Resp: 1849708

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.7	26.5
125	9.5	7.8	11.6



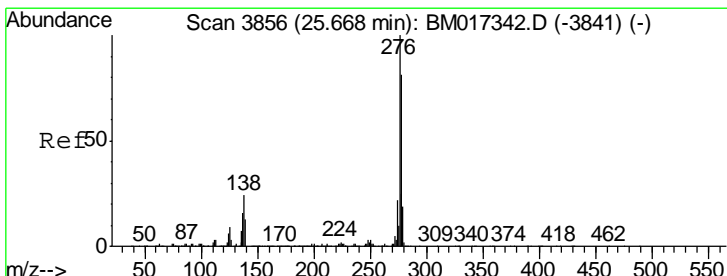
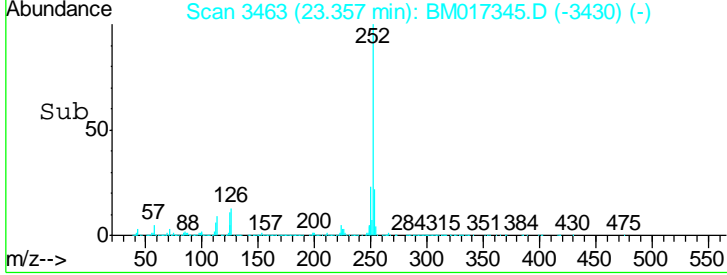
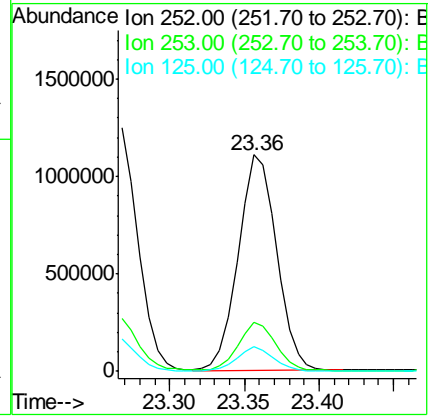
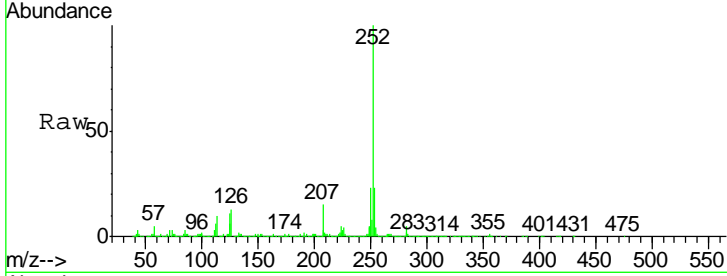


#91
 Benzo(a)pyrene
 Concen: 14.171 ng/ul
 RT: 23.36 min Scan# 3463
 Delta R.T. -0.01 min
 Lab File: BM017345.D
 Acq: 25 Oct 2018 15:47

Instrument :
 BNA_M
ClientSampled :
 C0AF1DL

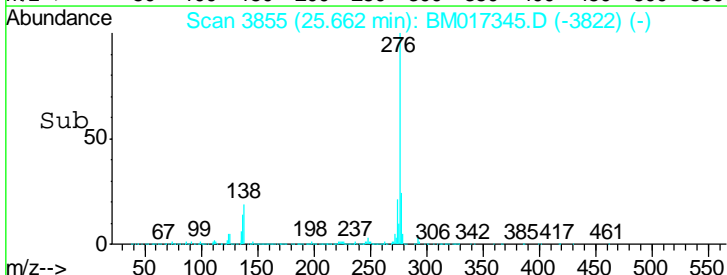
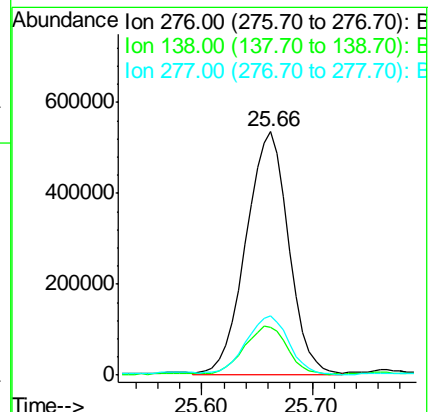
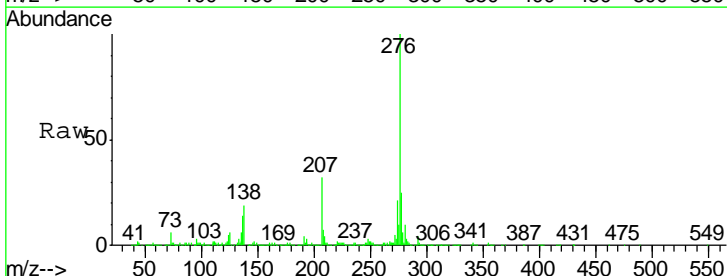
Tgt Ion	Resp	Lower	Upper
252	1973188		
253	22.6	17.6	26.4
125	11.3	8.3	12.5

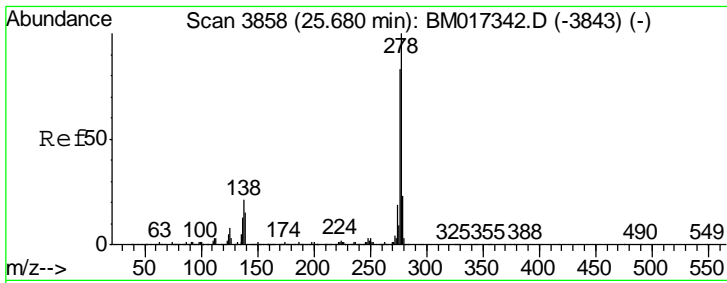
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#92
 Indeno(1,2,3-cd)pyrene
 Concen: 8.523 ng/ul
 RT: 25.66 min Scan# 3855
 Delta R.T. -0.01 min
 Lab File: BM017345.D
 Acq: 25 Oct 2018 15:47

Tgt Ion	Resp	Lower	Upper
276	1443974		
138	19.4	18.1	27.1
277	24.5	19.6	29.4





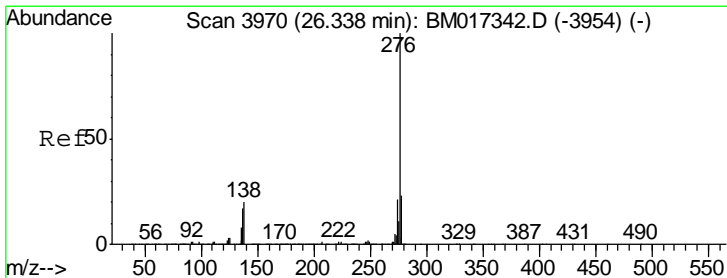
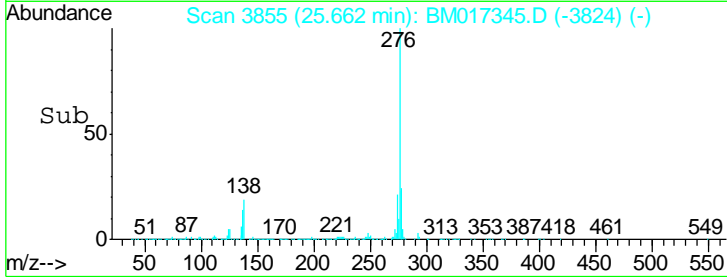
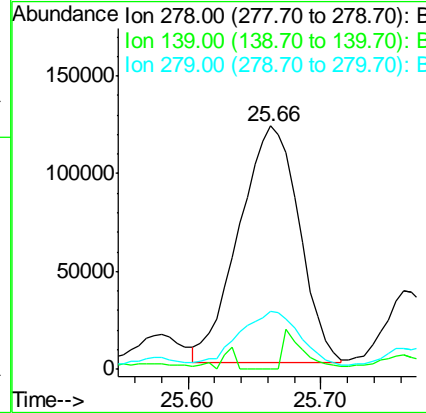
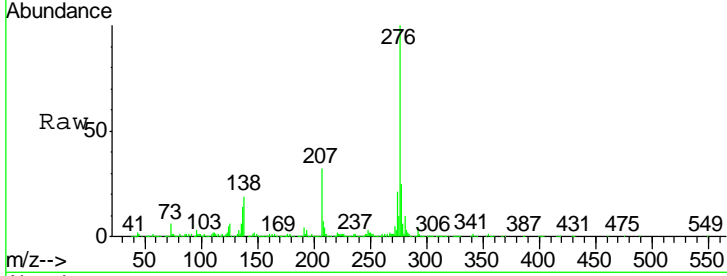
#93
 Dibenzo(a,h)anthracene
 Concen: 2.687 ng/ul m
 RT: 25.66 min Scan# 3855
 Delta R.T. -0.02 min
 Lab File: BM017345.D
 Acq: 25 Oct 2018 15:47

Instrument :
 BNA_M
Client Sampled :
 COAF1DL

Tgt Ion	Resp	Lower	Upper
278	100		
139	0.0	12.7	19.1#
279	24.0	19.0	28.4

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#94
 Benzo(g,h,i)perylene
 Concen: 6.904 ng/ul
 RT: 26.33 min Scan# 3969
 Delta R.T. -0.01 min
 Lab File: BM017345.D
 Acq: 25 Oct 2018 15:47

Tgt Ion	Resp	Lower	Upper
276	100		
138	20.0	16.6	25.0
277	24.2	18.9	28.3

