

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101717\
 Data File : BM012276.D
 Acq On : 18 Oct 2017 07:44
 Operator : SJ/JU
 Sample : I5747-04
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 18 08:32:14 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 18 08:12:28 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	198687	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	771442	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	500937	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	1530881	20.00	ng/ul	0.00
75) Chrysene-d12	21.37	240	1084748	20.00	ng/ul	0.00
83) Perylene-d12	23.67	264	1032279	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	10758	2.57	ng/uL	0.00
5) Phenol-d5	6.96	99	330867	20.52	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.12	67	210352	21.76	ng/ul	0.00
9) 2-Chlorophenol-d4	7.32	132	301555	22.05	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	221058	15.93	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	111620	18.96	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	131777	19.16	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	266863	20.32	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	253063	20.59	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	878003	19.83	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	1076165	20.08	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	70733	10.63	ng/ul	0.00
57) Fluorene-d10	15.43	176	773336	21.28	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.58	200	79466	7.56	ng/ul	0.00
70) Anthracene-d10	17.29	188	1526726	20.17	ng/ul	0.00
76) Pyrene-d10	19.58	212	1593324	28.94	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.52	264	1034411	20.79	ng/ul	0.00

Target Compounds

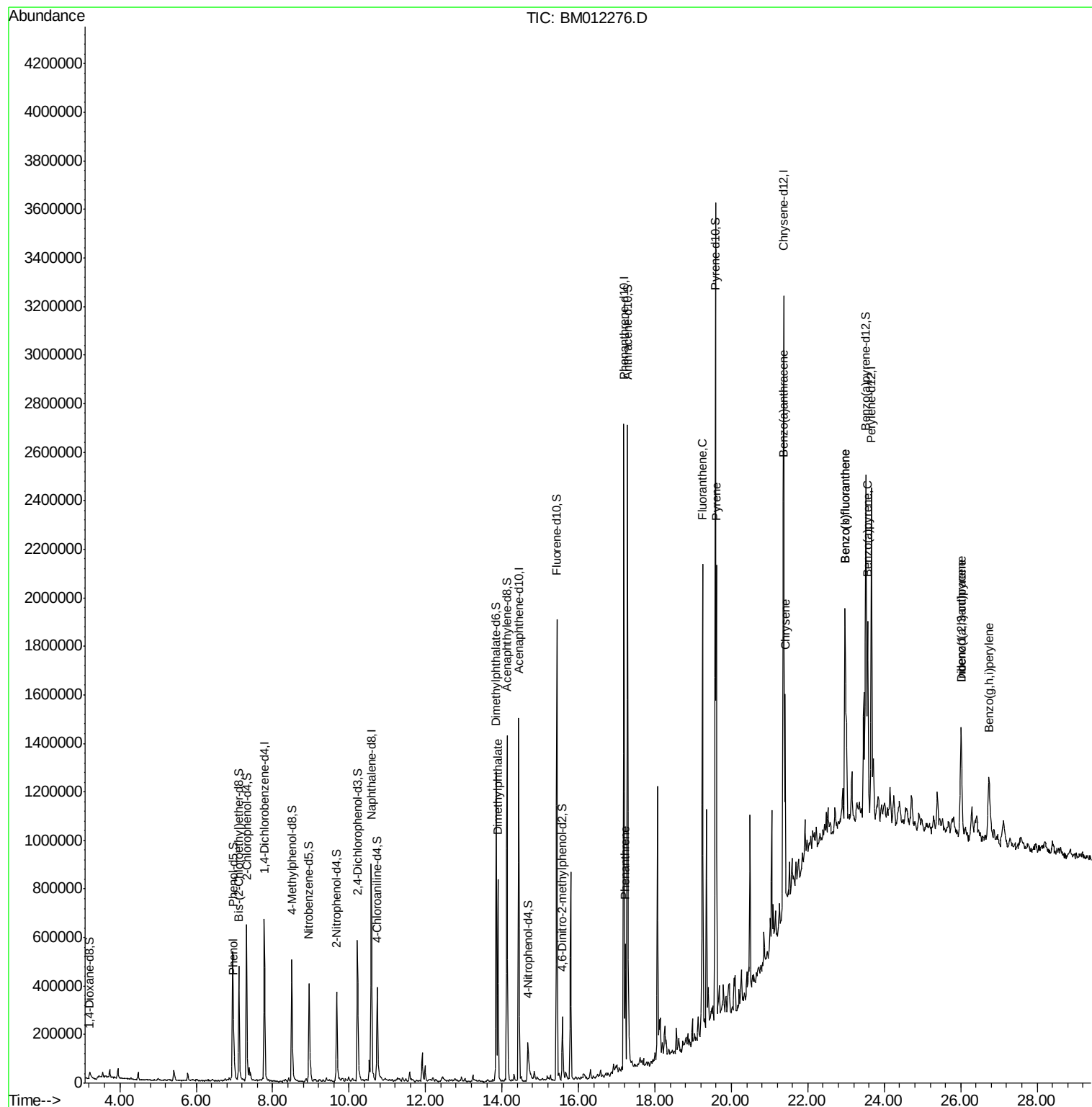
					Ovalue
6) Phenol	6.98	94	80056	4.804	ng/ul 94
44) Dimethylphthalate	13.89	163	548347	12.362	ng/ul 99
69) Phenanthrene	17.23	178	276195	3.171	ng/ul 99
74) Fluoranthene	19.24	202	1062567	10.110	ng/ul# 96
77) Pyrene	19.61	202	1117946	15.605	ng/ul 97
80) Benzo(a)anthracene	21.35	228	537377	7.613	ng/ul 98
82) Chrysene	21.40	228	509156	7.683	ng/ul 97
85) Benzo(b)fluoranthene	22.97	252	801428	11.897	ng/ul# 96
86) Benzo(k)fluoranthene	22.97	252	801428	12.345	ng/ul# 97
88) Benzo(a)pyrene	23.57	252	572363	9.015	ng/ul 94
89) Indeno(1,2,3-cd)pyrene	26.01	276	438906	6.510	ng/ul 96
90) Dibenzo(a,h)anthracene	26.01	278	97652	1.723	ng/ul# 86
91) Benzo(g,h,i)perylene	26.73	276	372632	6.748	ng/ul 100

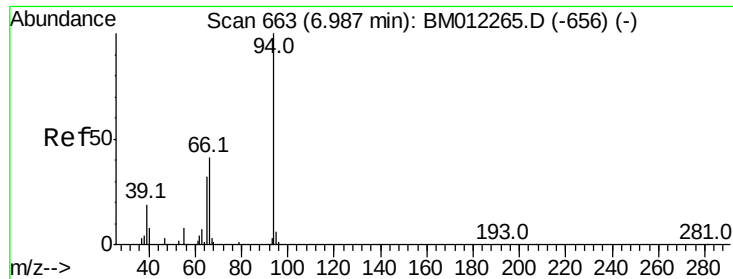
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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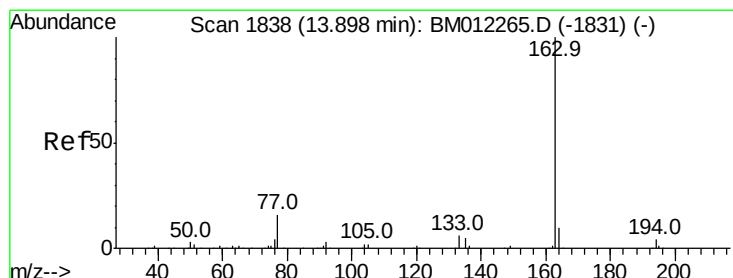
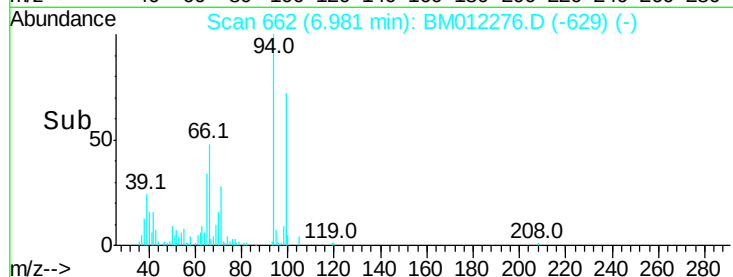
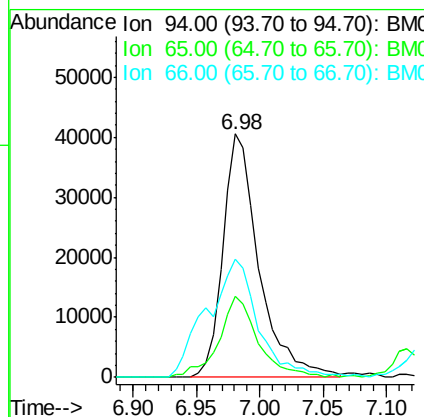
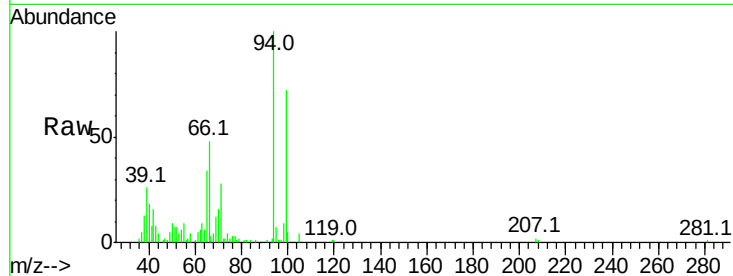
#6

Phenol

Concen: 4.804 ng/ul
 RT: 6.98 min Scan# 662
 Delta R.T. -0.01 min
 Lab File: BM012276.D
 Acq: 18 Oct 2017 07:44

Instrument :
 BNA_M
 ClientSampled :

Tot Ion	94	Resp	80056
Ion	Ratio	Lower	Upper
94	100		
65	33.5	24.4	36.6
66	48.3	35.0	52.4

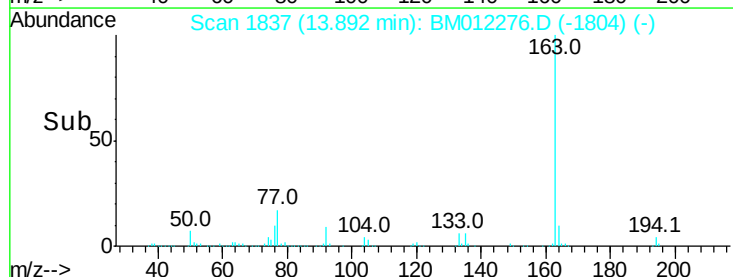
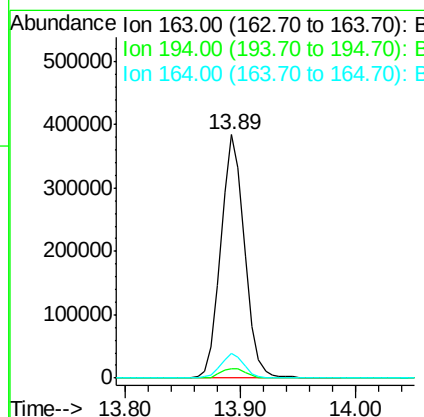
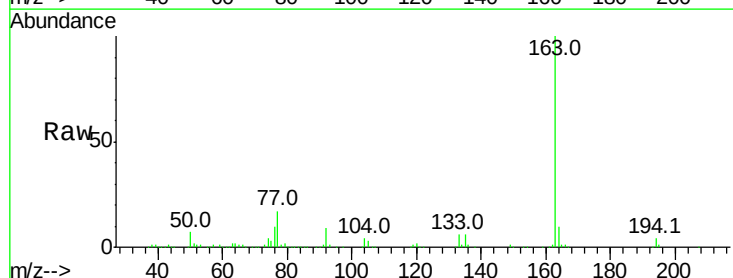


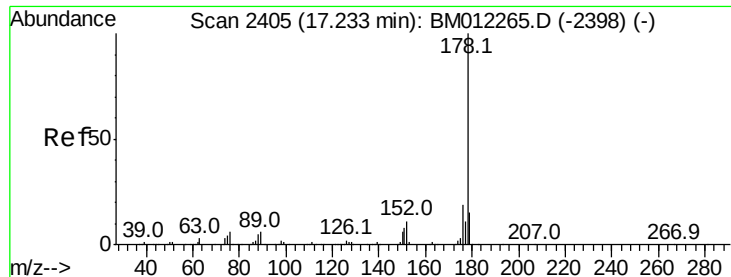
#44

Dimethylphthalate

Concen: 12.362 ng/ul
 RT: 13.89 min Scan# 1837
 Delta R.T. -0.01 min
 Lab File: BM012276.D
 Acq: 18 Oct 2017 07:44

Tgt Ion	163	Resp	548347
Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.7	5.5
164	10.4	8.1	12.1





#69

Phenanthrene

Concen: 3.171 ng/ul

RT: 17.23 min Scan# 2404

Delta R.T. -0.01 min

Lab File: BM012276.D

Acq: 18 Oct 2017 07:44

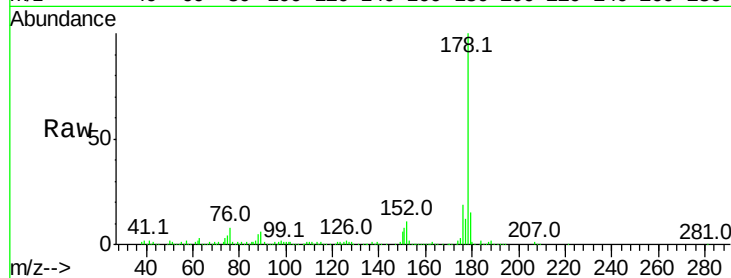
Instrument :

BNA_M

ClientSampled :

Tot Ion:178 Resp: 276195

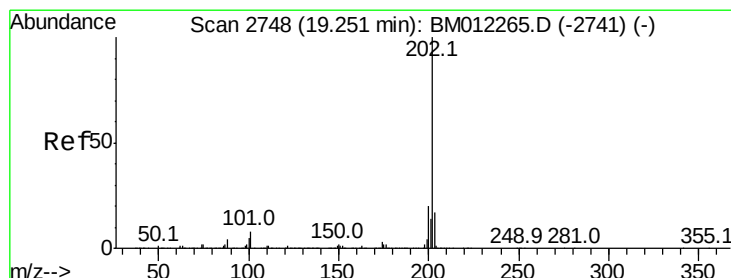
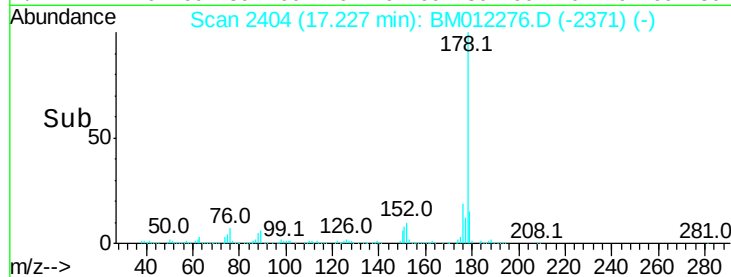
Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.0	18.0
176	19.5	15.0	22.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#74

Fluoranthene

Concen: 10.110 ng/ul

RT: 19.24 min Scan# 2747

Delta R.T. -0.01 min

Lab File: BM012276.D

Acq: 18 Oct 2017 07:44

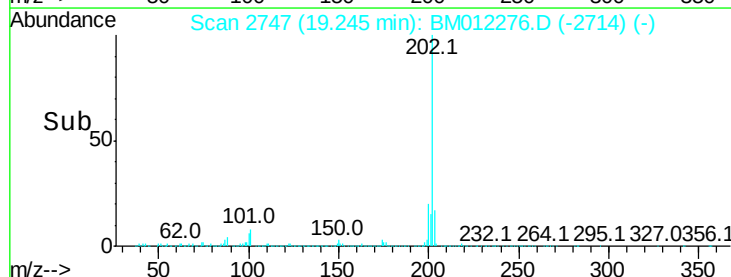
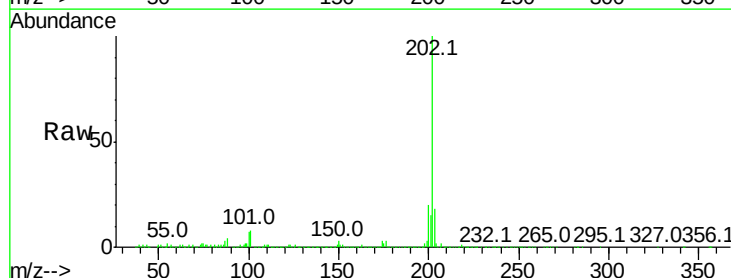
Tgt Ion:202 Resp: 1062567

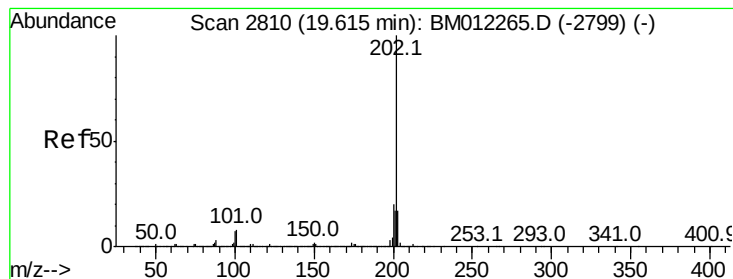
Ion	Ratio	Lower	Upper
202	100		
101	8.4	5.8	8.6
100	6.6	4.3	6.5#

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): B





#77

Pvrene

Concen: 15.605 ng/ul

RT: 19.61 min Scan# 2809

Delta R.T. -0.01 min

Lab File: BM012276.D

Acq: 18 Oct 2017 07:44

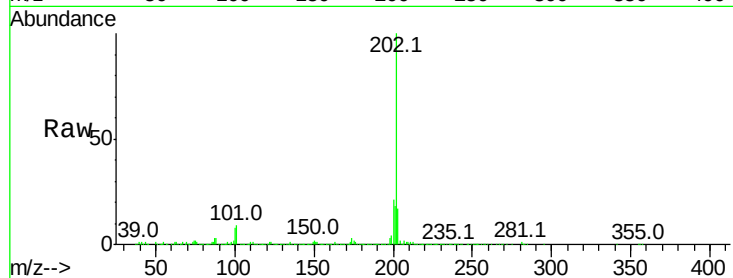
Instrument :

BNA_M

ClientSampleId :

Tot Ion:202 Resp: 1117946

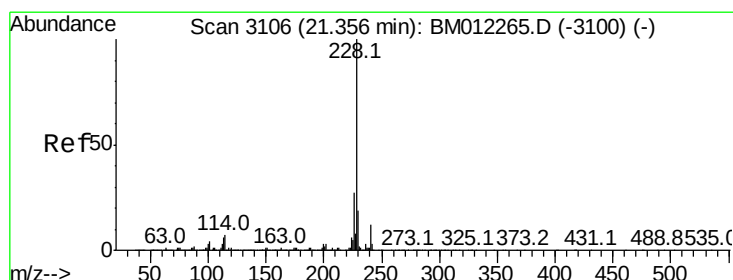
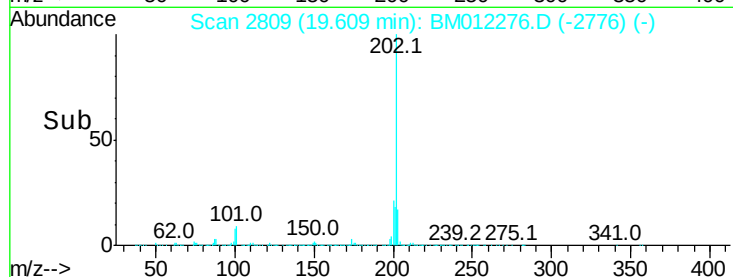
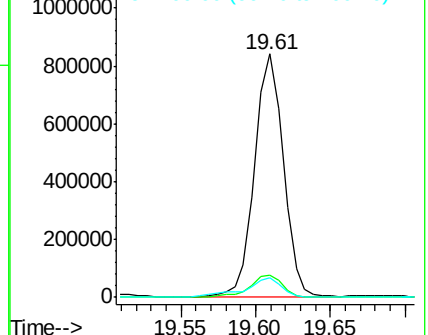
Ion	Ratio	Lower	Upper
202	100		
101	9.3	6.5	9.7
100	7.8	5.6	8.4



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): B



#80

Benzo(a)anthracene

Concen: 7.613 ng/ul

RT: 21.35 min Scan# 3105

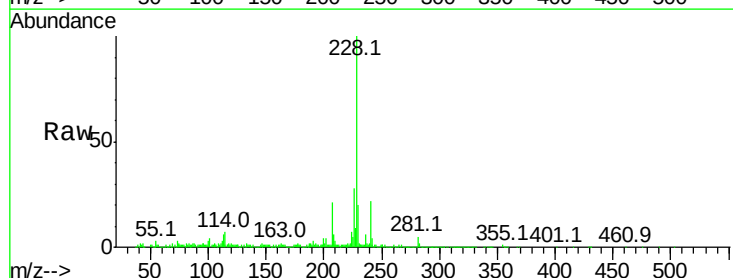
Delta R.T. -0.01 min

Lab File: BM012276.D

Acq: 18 Oct 2017 07:44

Tgt Ion:228 Resp: 537377

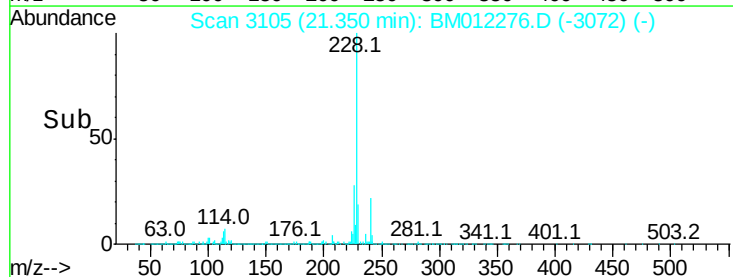
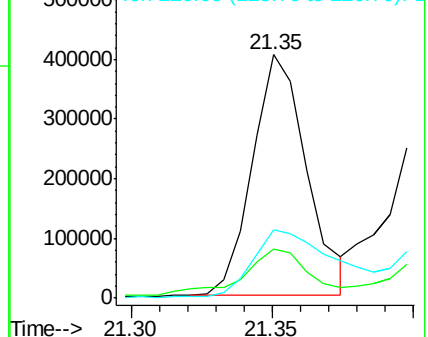
Ion	Ratio	Lower	Upper
228	100		
229	20.2	15.8	23.8
226	28.0	21.4	32.2

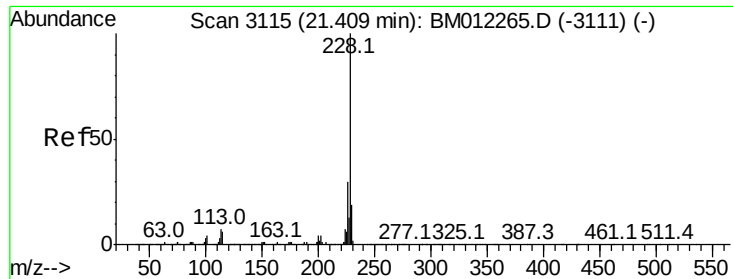


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

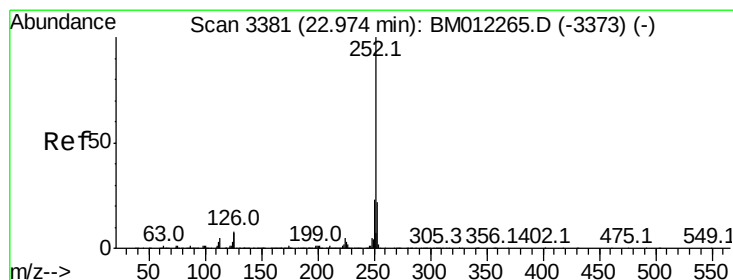
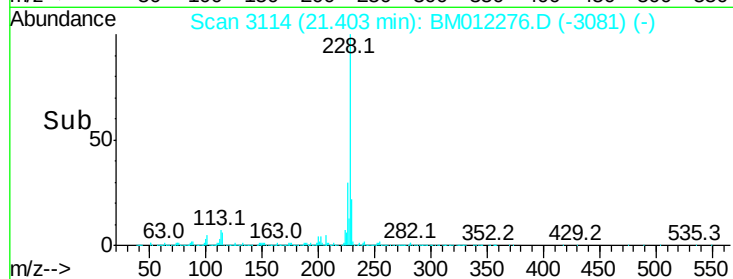
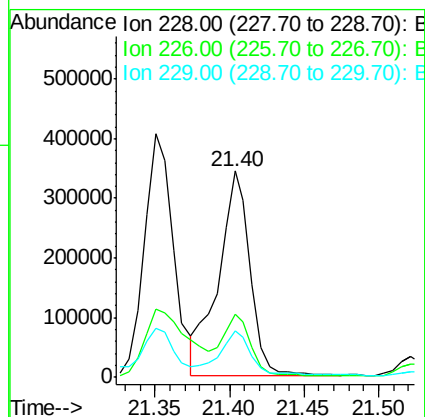
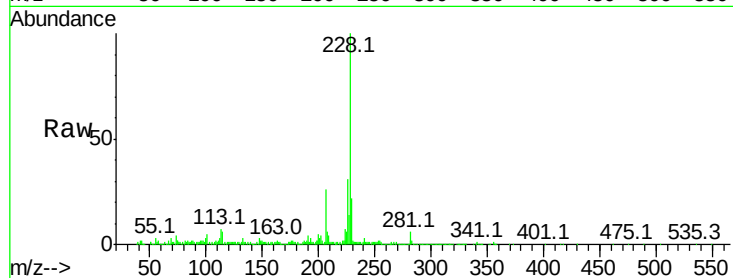




#82
 Chrysene
 Concen: 7.683 ng/ul
 RT: 21.40 min Scan# 3114
 Delta R.T. -0.01 min
 Lab File: BM012276.D
 Acq: 18 Oct 2017 07:44

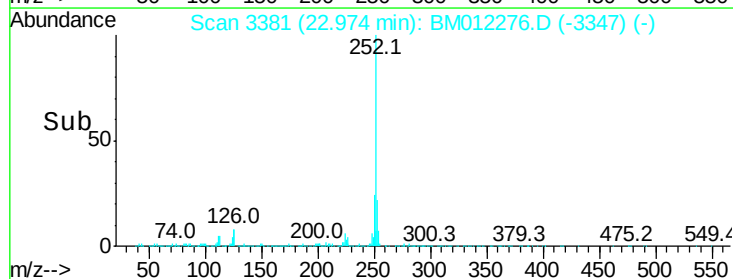
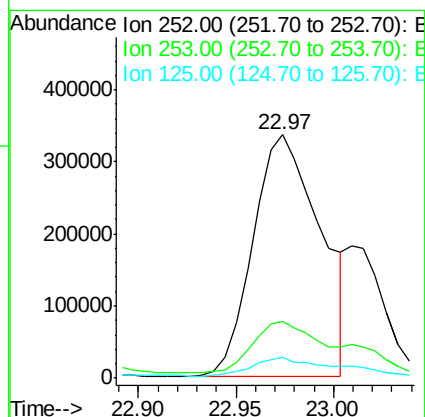
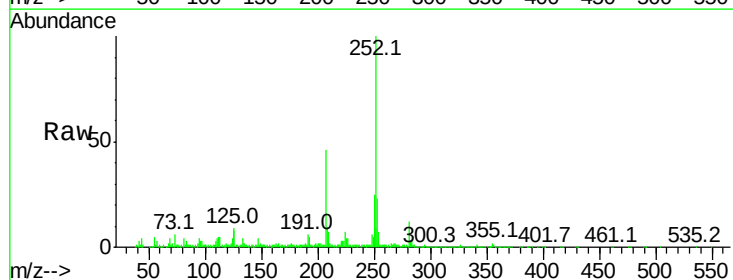
Instrument :
 BNA_M
 ClientSampled :

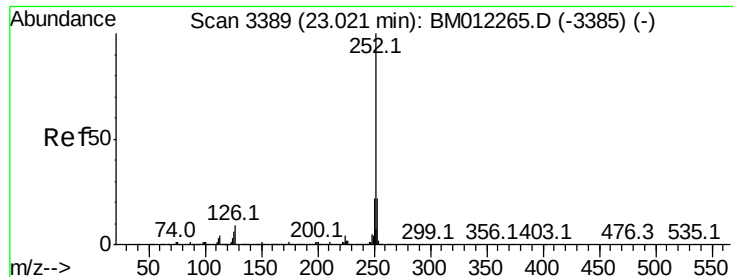
Tot Ion:	228	Resp:	509156
Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.0	36.0
229	22.4	15.5	23.3



#85
 Benzo(b)fluoranthene
 Concen: 11.897 ng/ul
 RT: 22.97 min Scan# 3381
 Delta R.T. -0.00 min
 Lab File: BM012276.D
 Acq: 18 Oct 2017 07:44

Tgt Ion:	252	Resp:	801428
Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.4	26.2
125	8.6	5.1	7.7#





#86

Benzo(k)fluoranthene

Concen: 12.345 ng/ul

RT: 22.97 min Scan# 3381

Delta R.T. -0.05 min

Lab File: BM012276.D

Acq: 18 Oct 2017 07:44

Instrument :

BNA_M

ClientSampleId :

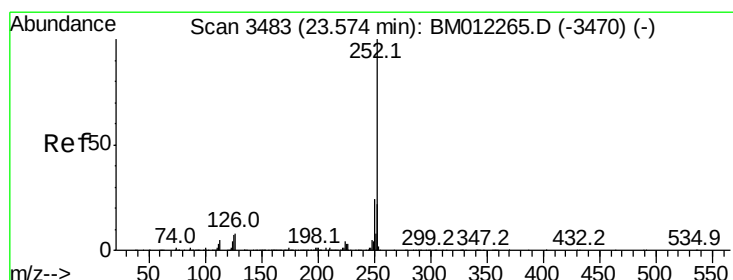
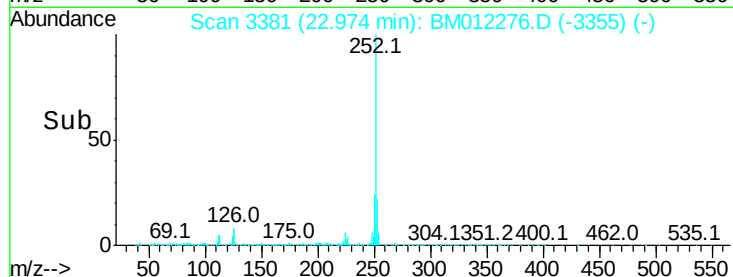
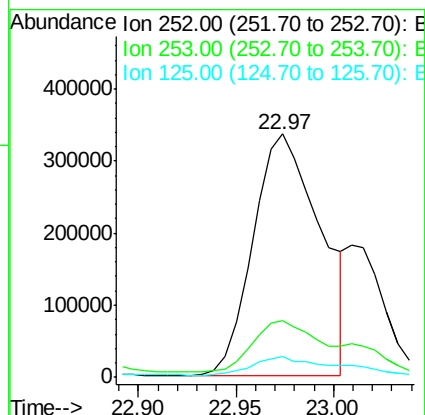
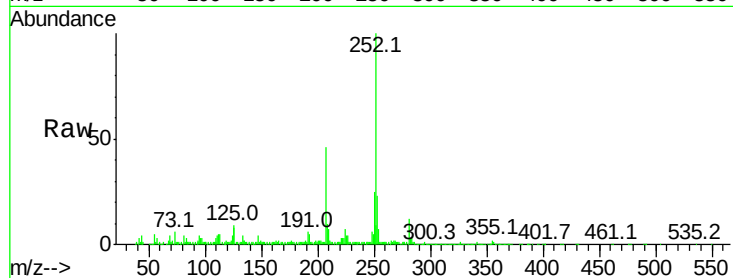
Tot Ion:252 Resp: 801428

Ion Ratio Lower Upper

252 100

253 23.2 17.8 26.6

125 8.6 4.9 7.3#



#88

Benzo(a)pyrene

Concen: 9.015 ng/ul

RT: 23.57 min Scan# 3482

Delta R.T. -0.01 min

Lab File: BM012276.D

Acq: 18 Oct 2017 07:44

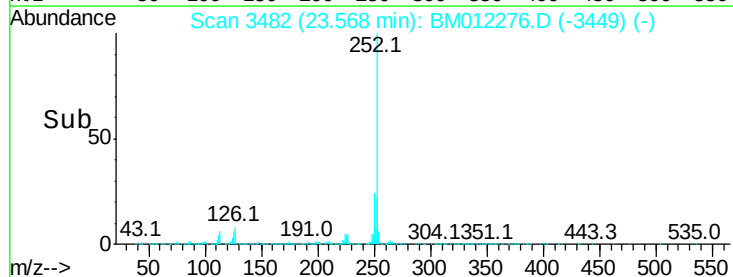
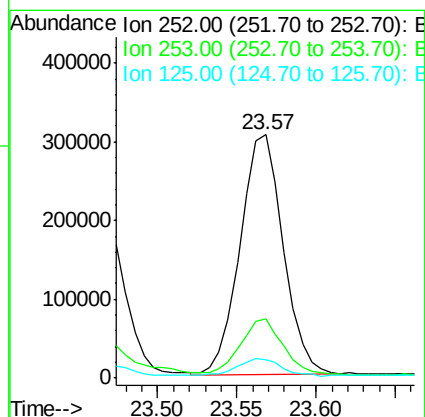
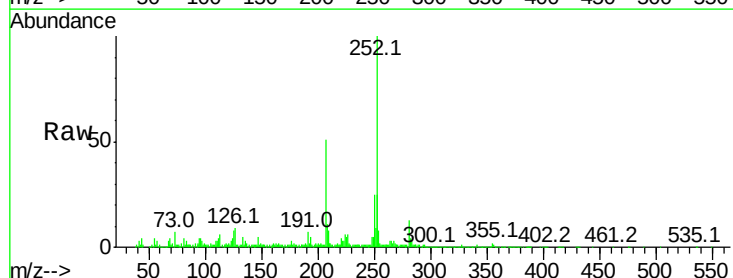
Tgt Ion:252 Resp: 572363

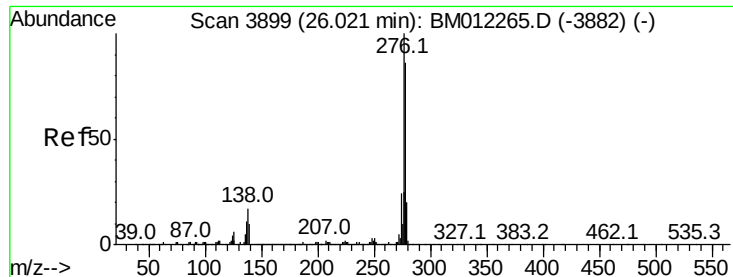
Ion Ratio Lower Upper

252 100

253 24.5 17.1 25.7

125 7.6 5.2 7.8



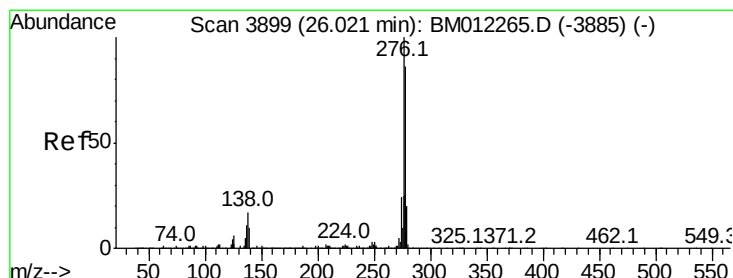
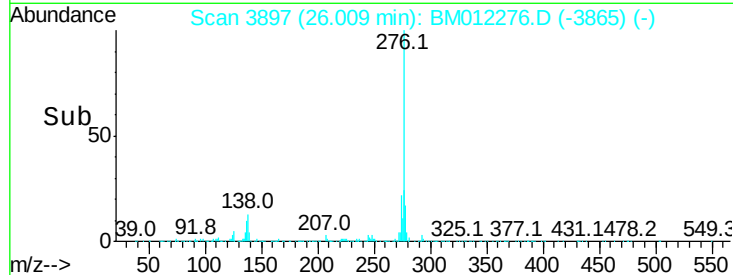
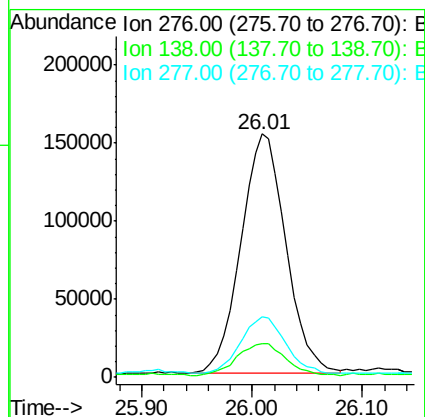
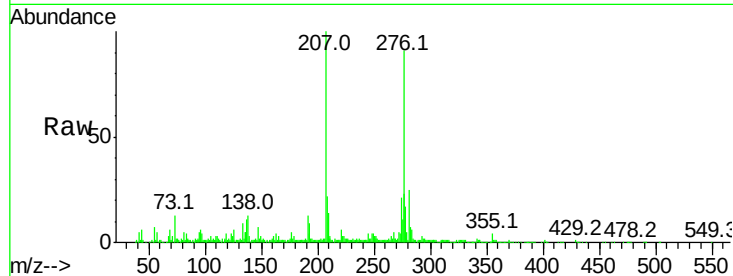


#89

Indeno(1,2,3-cd)pyrene
Concen: 6.510 ng/ul
RT: 26.01 min Scan# 3897
Delta R.T. -0.01 min
Lab File: BM012276.D
Acq: 18 Oct 2017 07:44

Instrument :
BNA_M
ClientSampleId :

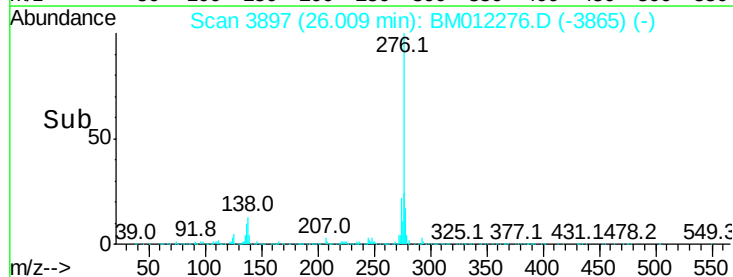
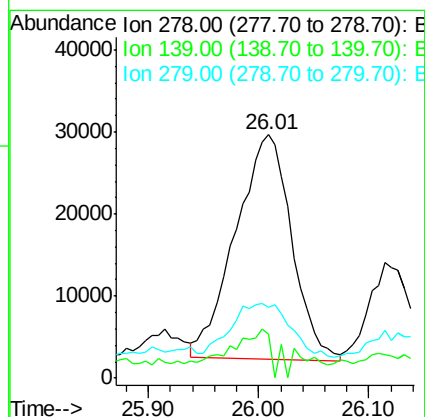
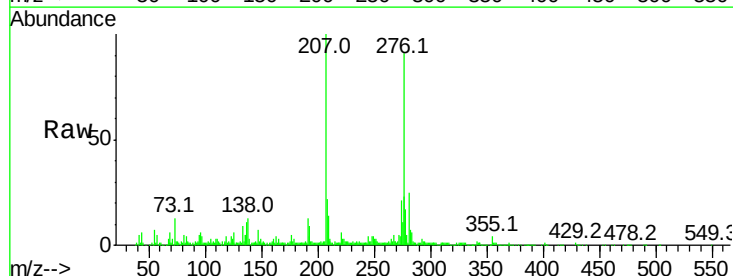
Tot Ion	Ratio	Lower	Upper
276	100		
138	13.9	13.2	19.8
277	24.8	20.6	31.0

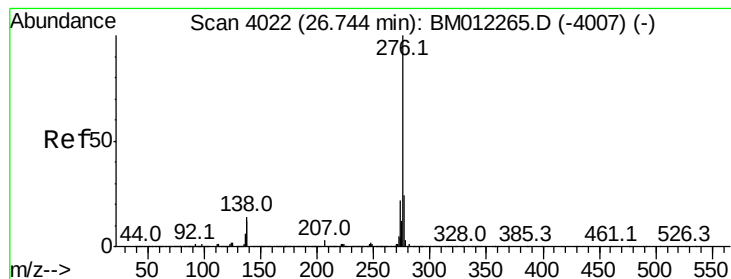


#90

Dibenzo(a,h)anthracene
Concen: 1.723 ng/ul
RT: 26.01 min Scan# 3897
Delta R.T. -0.01 min
Lab File: BM012276.D
Acq: 18 Oct 2017 07:44

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.3	8.3	12.5#
279	29.3	19.3	28.9#





#91

Benzo(a,h,i)perylene

Concen: 6.748 ng/ul

RT: 26.73 min Scan# 4020

Delta R.T. -0.01 min

Lab File: BM012276.D

Acq: 18 Oct 2017 07:44

Instrument :

BNA_M

ClientSampleId :

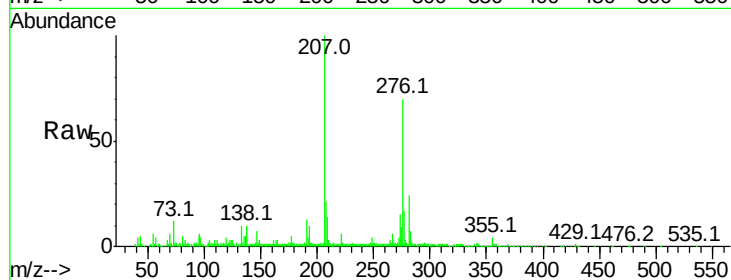
Tot Ion:276 Resp: 372632

Ion Ratio Lower Upper

276 100

138 13.5 10.7 16.1

277 23.6 19.0 28.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

