

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022420\  
 Data File : BM025032.D  
 Acq On : 24 Feb 2020 21:23  
 Operator : CG/JU  
 Sample : SSTD1.681  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Feb 25 00:51:51 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM022420.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Feb 25 00:46:28 2020  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	1807	0.40	ng/ul	0.00
2) Naphthalene-d8	10.47	136	7299	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.33	164	4956	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.07	188	11813	0.40	ng/ul	0.00
16) Chrysene-d12	21.25	240	13043	0.40	ng/ul	0.00
20) Perylene-d12	23.45	264	13769	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.07	152	21583	1.80	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	64542	1.99	ng/ul	0.00

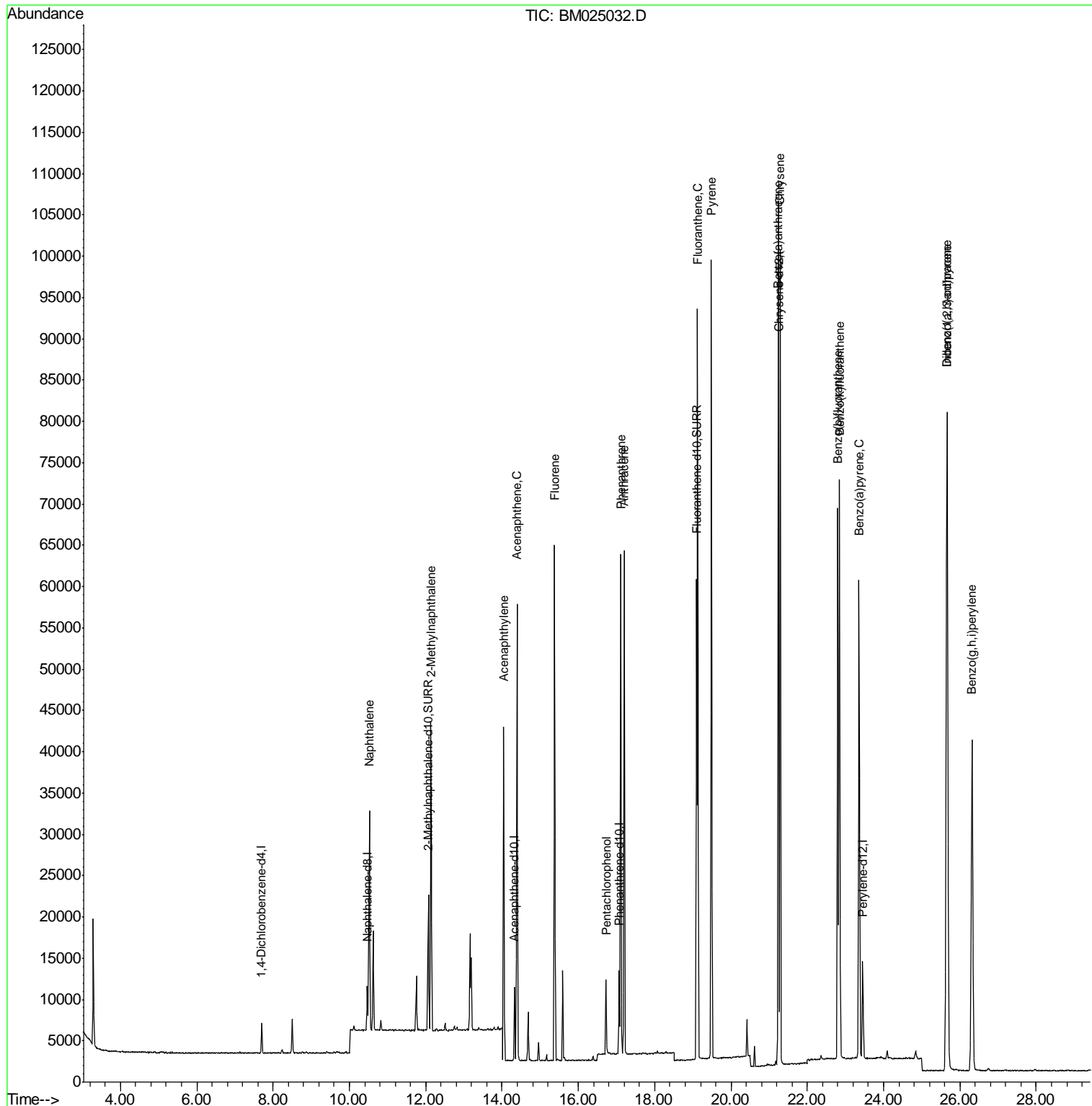
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	10.52	128	34940	1.680	ng/ul#	85
5) 2-Methylnaphthalene	12.14	142	25602	1.796	ng/ul	100
7) Acenaphthylene	14.04	152	45072	1.965	ng/ul	94
8) Acenaphthene	14.39	153	30113	1.568	ng/ul	98
9) Fluorene	15.38	166	37256	1.693	ng/ul	96
11) Pentachlorophenol	16.72	266	6008	2.507	ng/ul	99
12) Phenanthrene	17.11	178	62132	1.651	ng/ul	96
13) Anthracene	17.20	178	63442	1.965	ng/ul	96
15) Fluoranthene	19.13	202	81150	1.998	ng/ul	97
17) Pyrene	19.49	202	82434	1.394	ng/ul	97
18) Benzo(a)anthracene	21.24	228	83122	1.665	ng/ul	98
19) Chrysene	21.29	228	81765	1.557	ng/ul	98
21) Benzo(b)fluoranthene	22.80	252	85764	1.434	ng/ul	92
22) Benzo(k)fluoranthene	22.84	252	84739	1.388	ng/ul#	93
23) Benzo(a)pyrene	23.36	252	79218	1.513	ng/ul#	90
24) Indeno(1,2,3-cd)pyrene	25.65	276	99271	1.555	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.67	278	83162	1.612	ng/ul#	94
26) Benzo(g,h,i)perylene	26.32	276	83410	1.640	ng/ul#	92

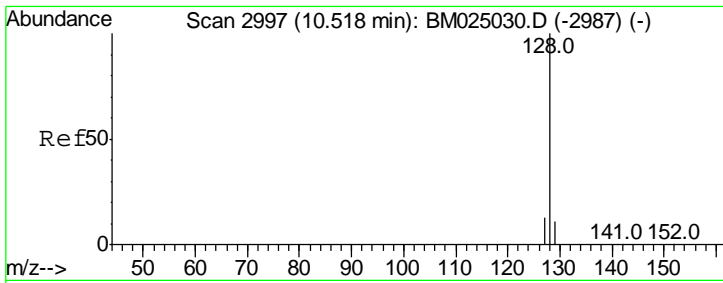
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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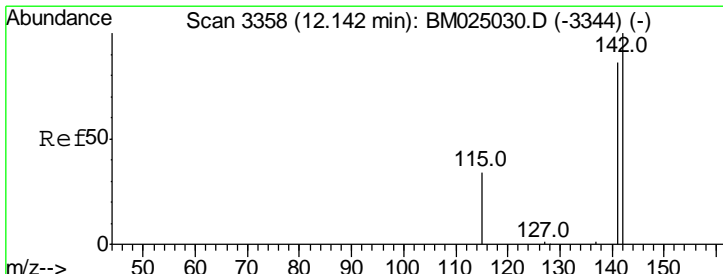
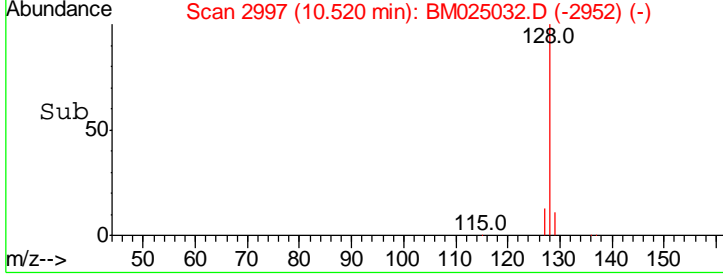
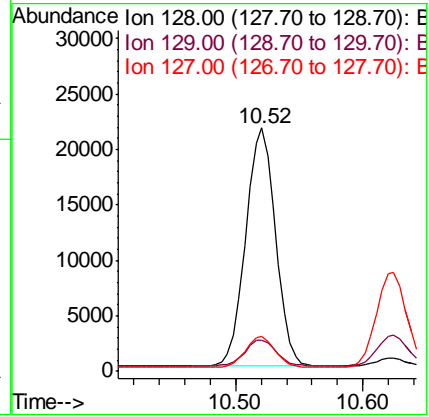
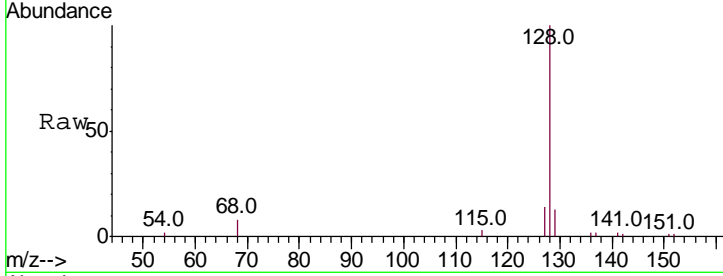




#3  
 Naphthalene  
 Concen: 1.680 ng/ul  
 RT: 10.52 min Scan# 2997  
 Delta R.T. 0.00 min  
 Lab File: BM025032.D  
 Acq: 24 Feb 2020 21:23

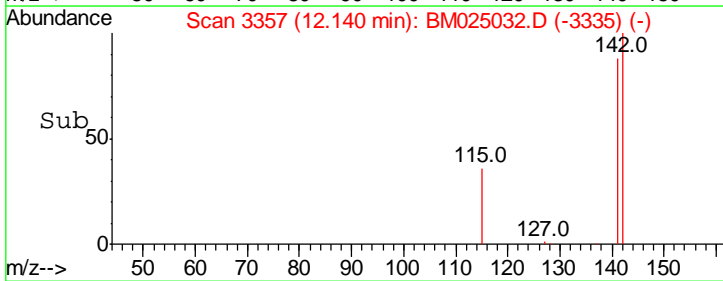
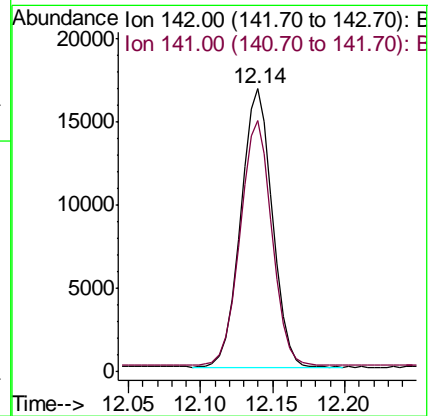
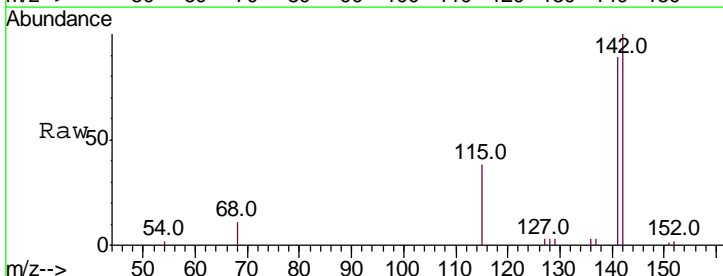
Instrument :  
 BNA\_M  
 ClientSampled :

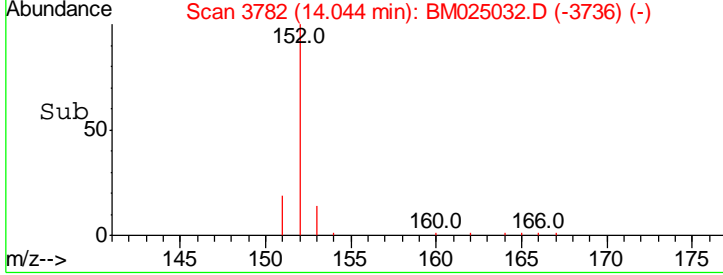
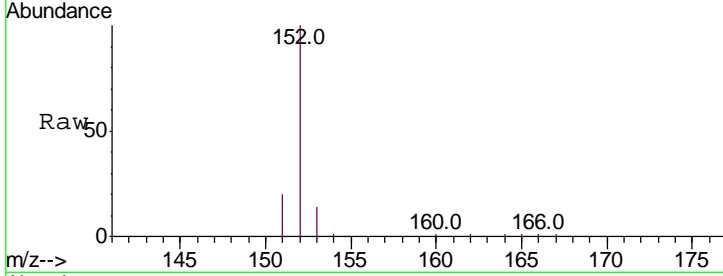
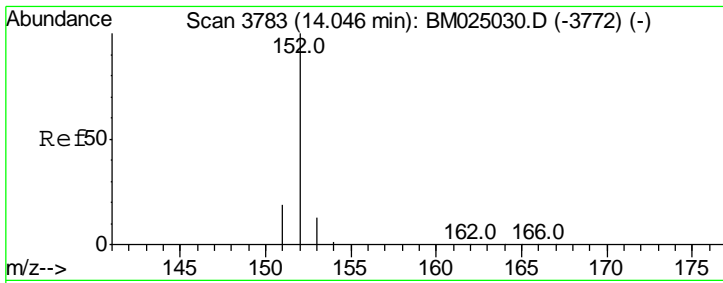
Tgt Ion	Resp	Lower	Upper
128	100		
129	13.0	17.0	25.6#
127	14.3	15.7	23.5#



#5  
 2-Methylnaphthalene  
 Concen: 1.796 ng/ul  
 RT: 12.14 min Scan# 3357  
 Delta R.T. -0.00 min  
 Lab File: BM025032.D  
 Acq: 24 Feb 2020 21:23

Tgt Ion	Resp	Lower	Upper
142	100		
141	87.7	69.8	104.8



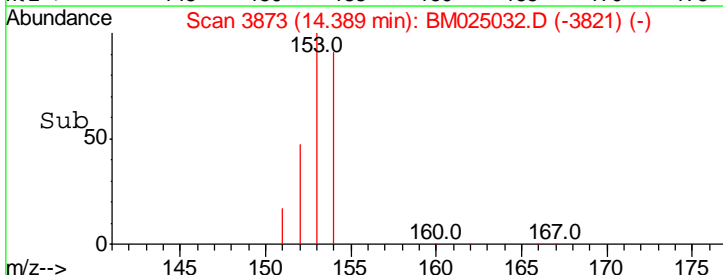
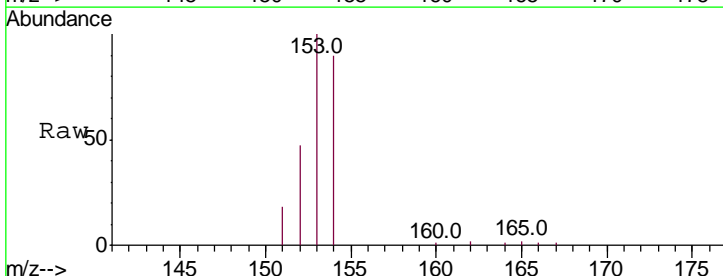
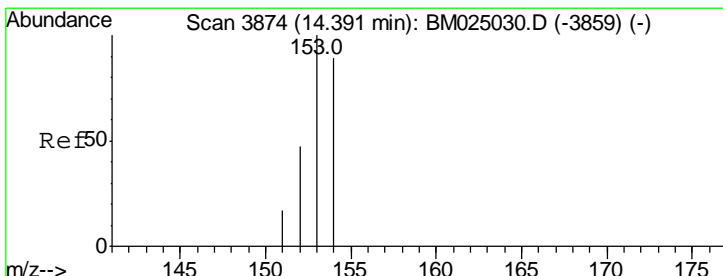
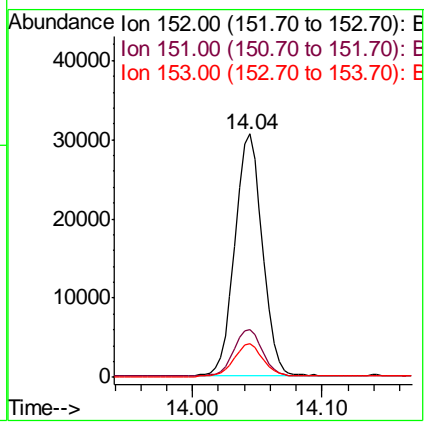


#7  
 Acenaphthylene  
 Concen: 1.965 ng/ul  
 RT: 14.04 min Scan# 3782  
 Delta R.T. -0.00 min  
 Lab File: BM025032.D  
 Acq: 24 Feb 2020 21:23

Instrument :  
 BNA\_M  
 ClientSampled :

Tgt Ion:152 Resp: 45072

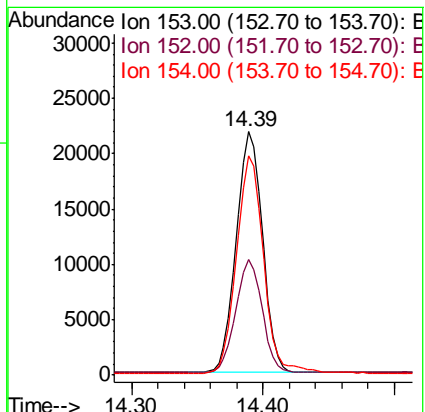
Ion	Ratio	Lower	Upper
152	100		
151	19.7	17.8	26.8
153	13.8	13.3	19.9

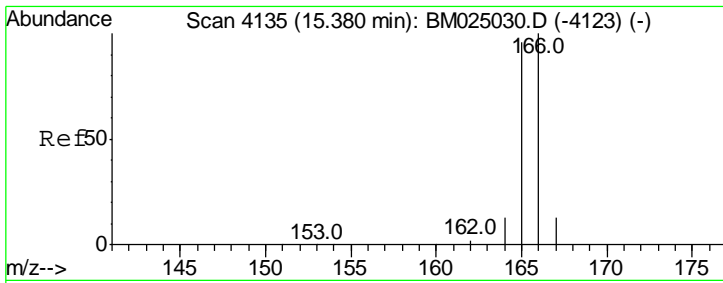


#8  
 Acenaphthene  
 Concen: 1.568 ng/ul  
 RT: 14.39 min Scan# 3873  
 Delta R.T. -0.00 min  
 Lab File: BM025032.D  
 Acq: 24 Feb 2020 21:23

Tgt Ion:153 Resp: 30113

Ion	Ratio	Lower	Upper
153	100		
152	47.3	40.0	60.0
154	90.3	71.0	106.6

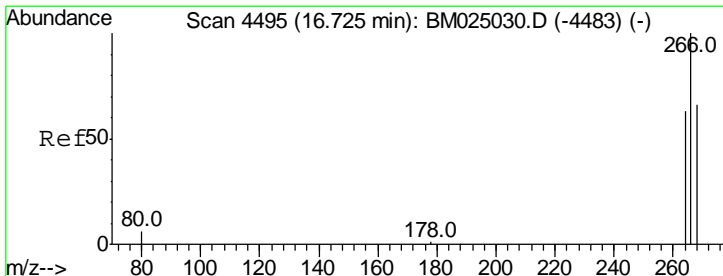
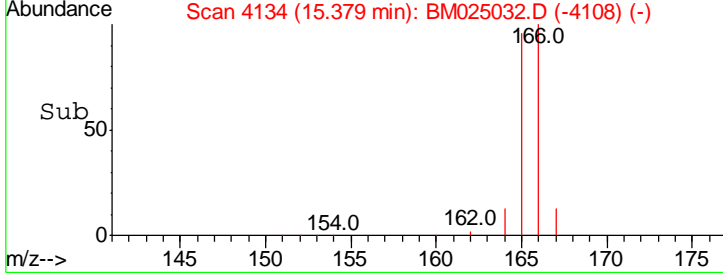
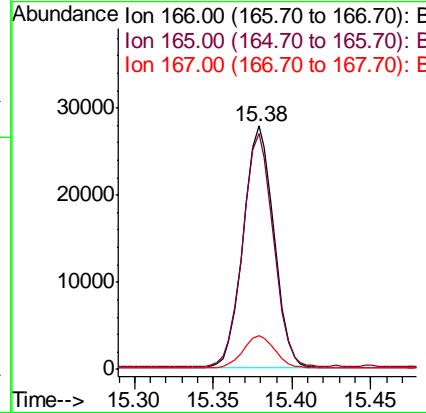
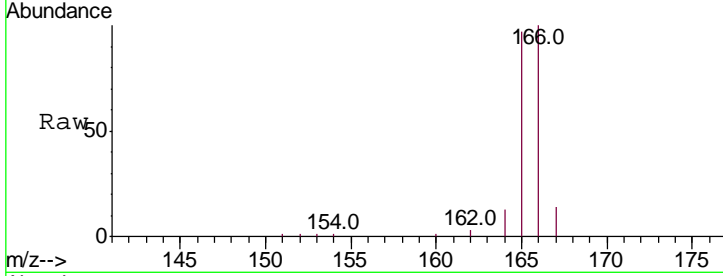




#9  
 Fluorene  
 Concen: 1.693 ng/ul  
 RT: 15.38 min Scan# 4134  
 Delta R.T. -0.00 min  
 Lab File: BM025032.D  
 Acq: 24 Feb 2020 21:23

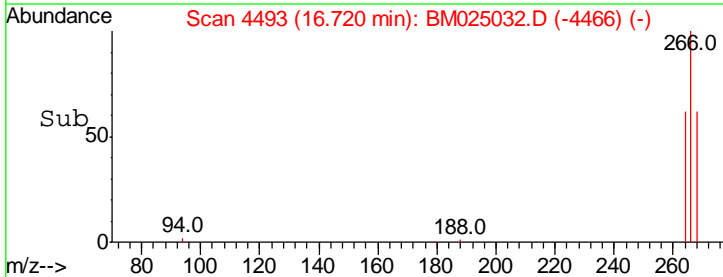
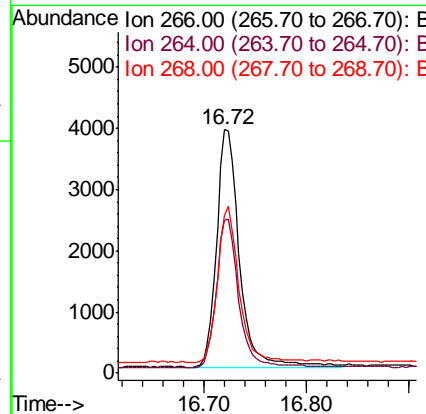
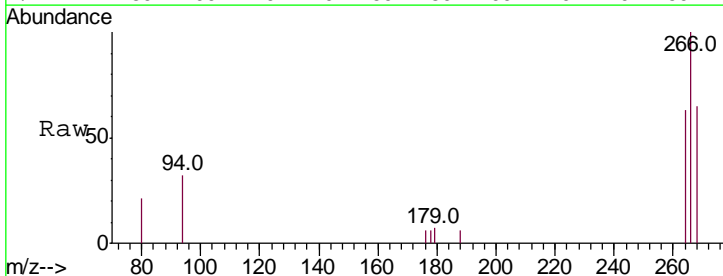
Instrument :  
 BNA\_M  
 ClientSampled :

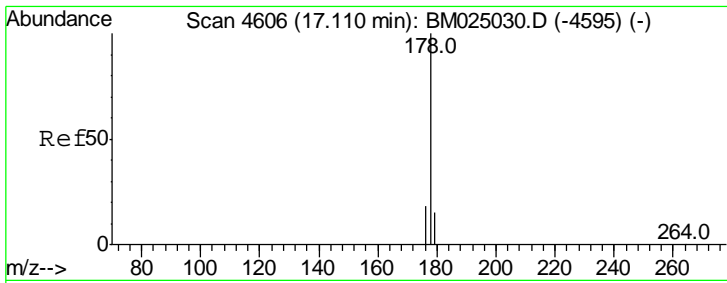
Tgt Ion	Resp	Lower	Upper
166	100		
165	96.8	80.0	120.0
167	13.9	13.7	20.5



#11  
 Pentachlorophenol  
 Concen: 2.507 ng/ul  
 RT: 16.72 min Scan# 4493  
 Delta R.T. -0.01 min  
 Lab File: BM025032.D  
 Acq: 24 Feb 2020 21:23

Tgt Ion	Resp	Lower	Upper
266	100		
264	63.9	49.8	74.6
268	61.4	49.0	73.4

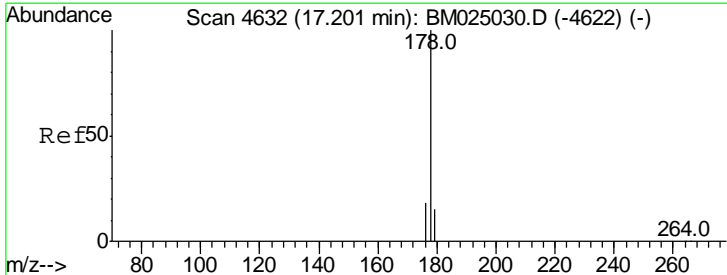
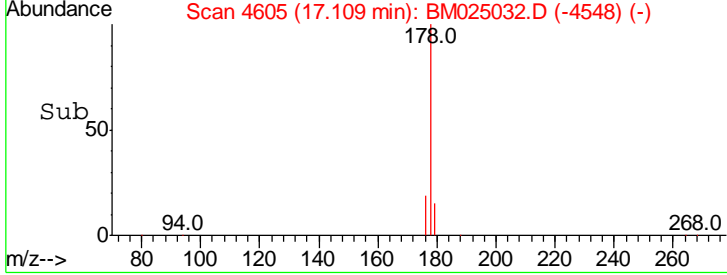
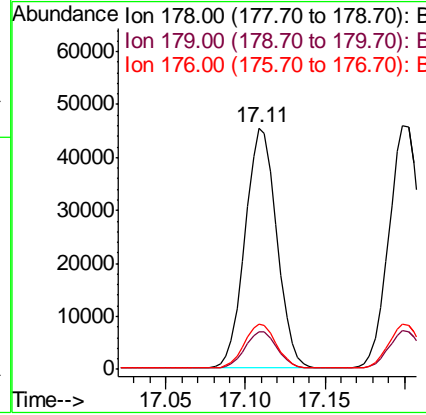
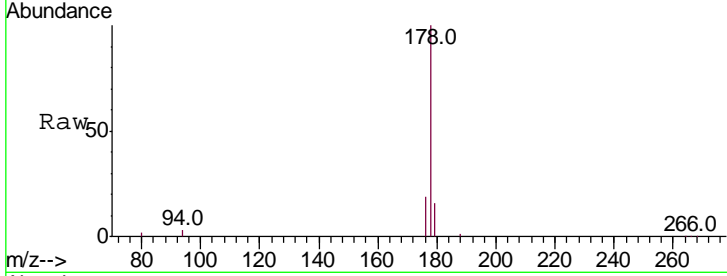




#12  
 Phenanthrene  
 Concen: 1.651 ng/ul  
 RT: 17.11 min Scan# 4605  
 Delta R.T. -0.00 min  
 Lab File: BM025032.D  
 Acq: 24 Feb 2020 21:23

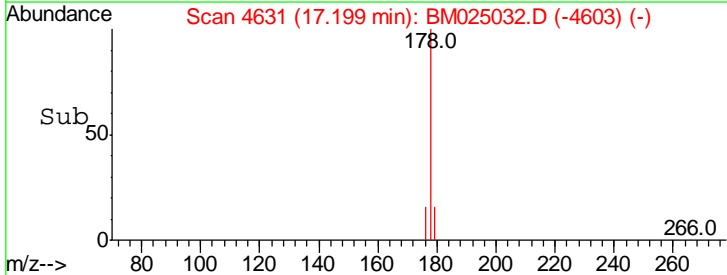
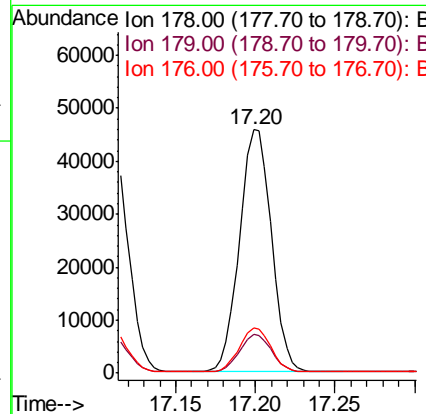
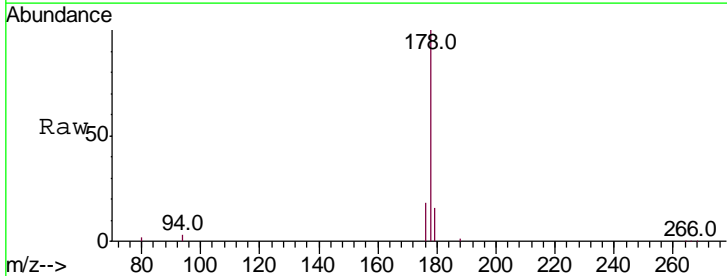
Instrument :  
 BNA\_M  
 ClientSampled :

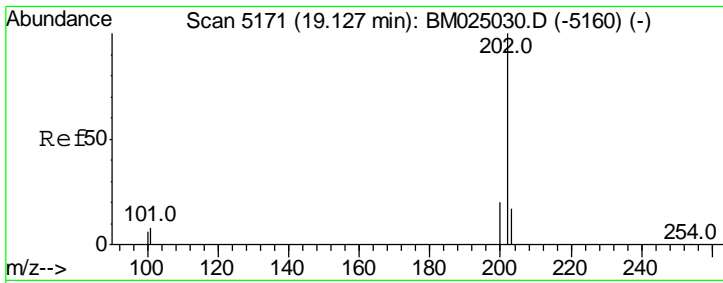
Tgt Ion	Resp	Lower	Upper
178	62132		
179	15.5	14.0	21.0
176	19.0	16.6	24.8



#13  
 Anthracene  
 Concen: 1.965 ng/ul  
 RT: 17.20 min Scan# 4631  
 Delta R.T. -0.00 min  
 Lab File: BM025032.D  
 Acq: 24 Feb 2020 21:23

Tgt Ion	Resp	Lower	Upper
178	63442		
179	15.9	14.1	21.1
176	18.3	16.2	24.4

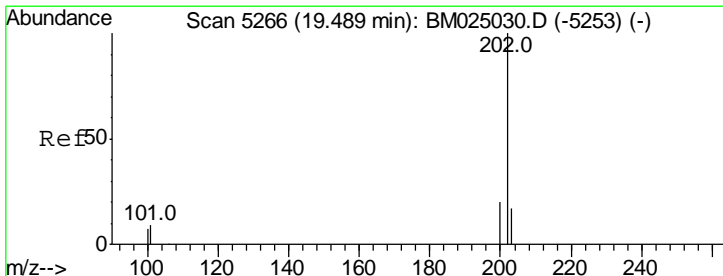
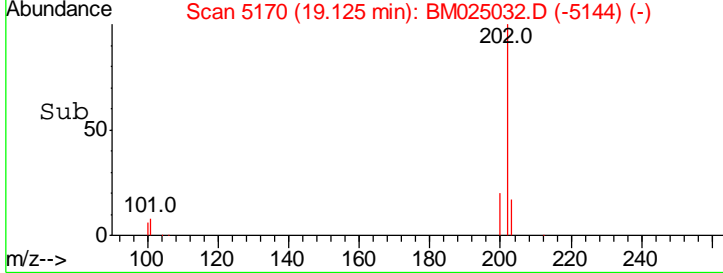
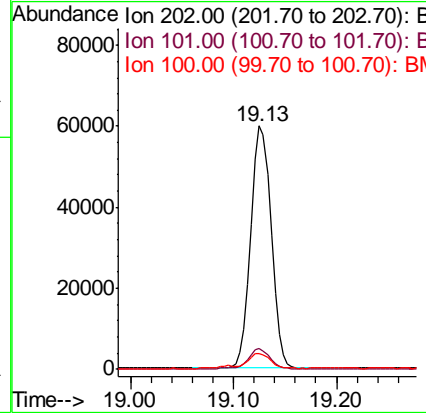
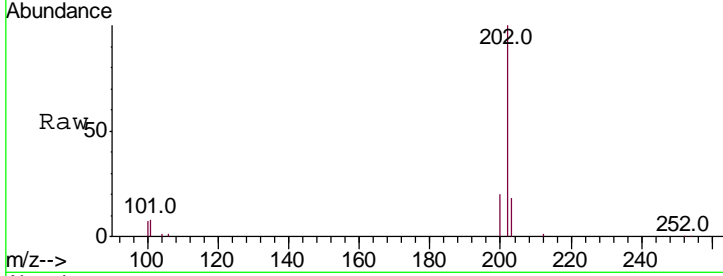




#15  
 Fluoranthene  
 Concen: 1.998 ng/ul  
 RT: 19.13 min Scan# 5170  
 Delta R.T. -0.00 min  
 Lab File: BM025032.D  
 Acq: 24 Feb 2020 21:23

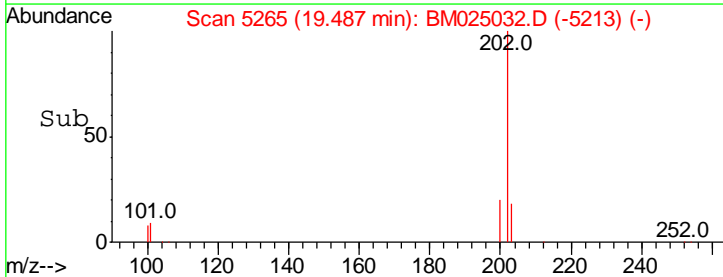
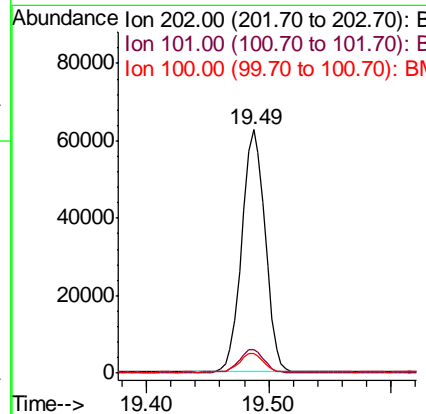
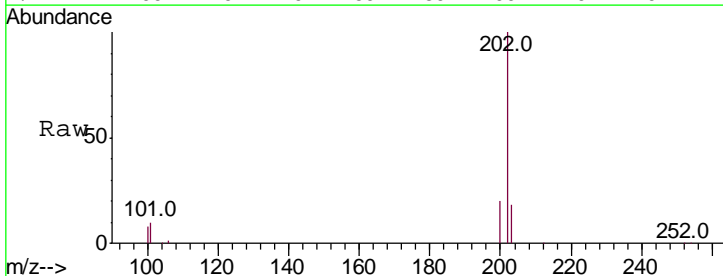
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 BNA\_M  
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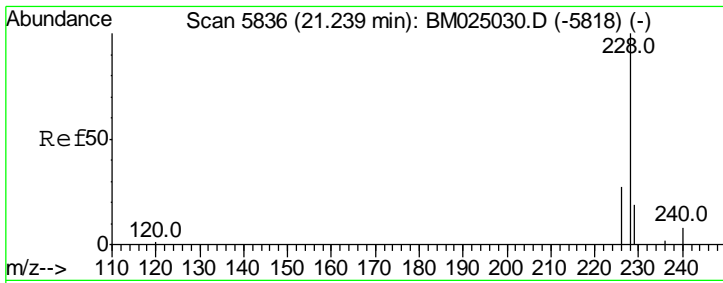
Tgt Ion	Resp	Lower	Upper
202	100		
101	8.5	0.0	29.4
100	6.7	0.0	28.0



#17  
 Pyrene  
 Concen: 1.394 ng/ul  
 RT: 19.49 min Scan# 5265  
 Delta R.T. -0.00 min  
 Lab File: BM025032.D  
 Acq: 24 Feb 2020 21:23

Tgt Ion	Resp	Lower	Upper
202	100		
101	9.5	8.7	13.1
100	8.0	7.3	10.9

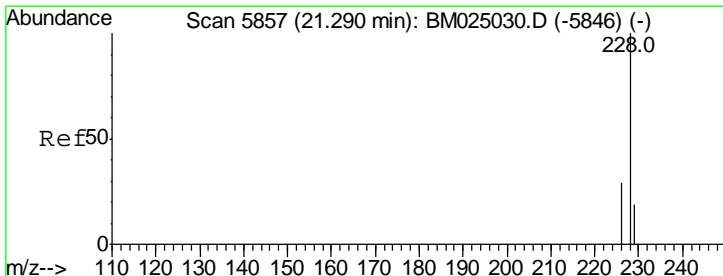
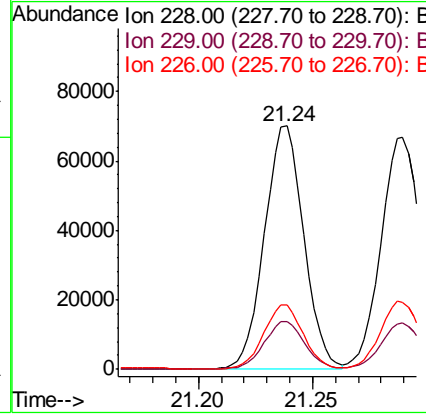
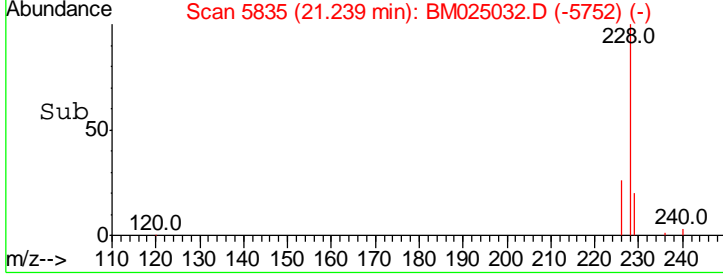
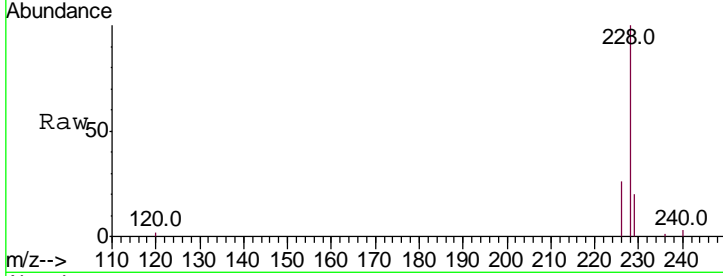




#18  
 Benzo(a)anthracene  
 Concen: 1.665 ng/ul  
 RT: 21.24 min Scan# 5835  
 Delta R.T. -0.00 min  
 Lab File: BM025032.D  
 Acq: 24 Feb 2020 21:23

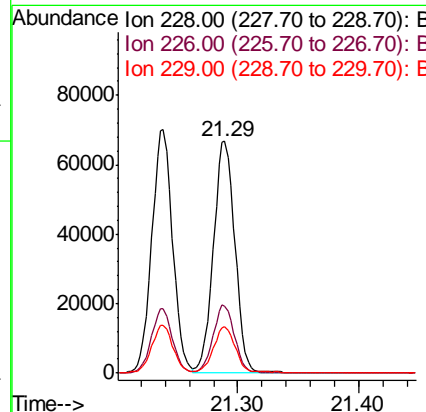
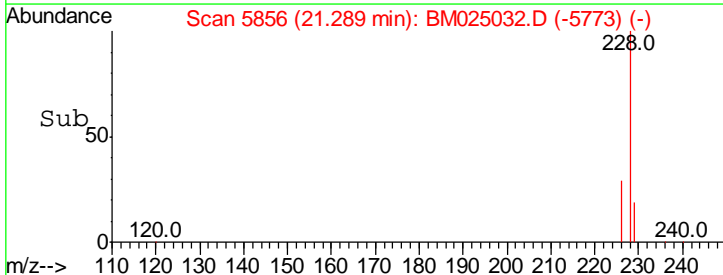
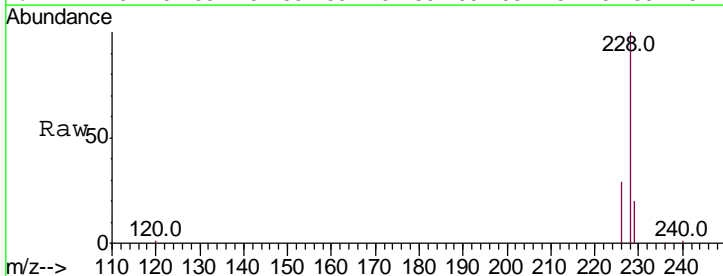
Instrument :  
 BNA\_M  
 ClientSampled :

Tgt Ion	Resp	Lower	Upper
228	83122		
229	19.9	16.6	25.0
226	26.2	21.9	32.9

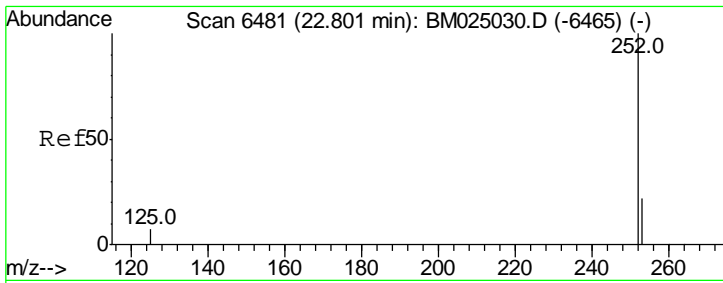


#19  
 Chrysene  
 Concen: 1.557 ng/ul  
 RT: 21.29 min Scan# 5856  
 Delta R.T. -0.00 min  
 Lab File: BM025032.D  
 Acq: 24 Feb 2020 21:23

Tgt Ion	Resp	Lower	Upper
228	81765		
226	29.0	23.8	35.8
229	19.8	16.9	25.3





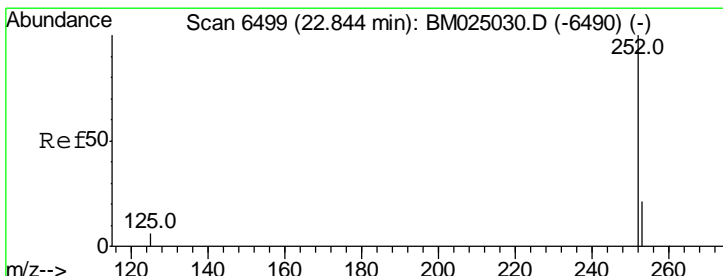
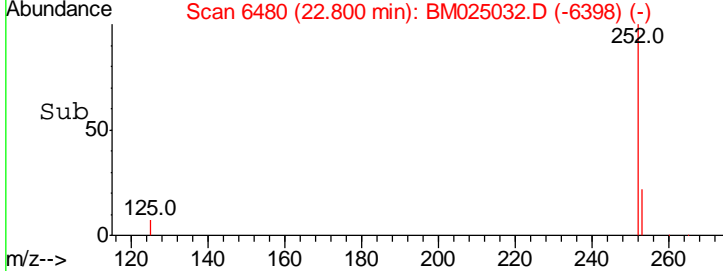
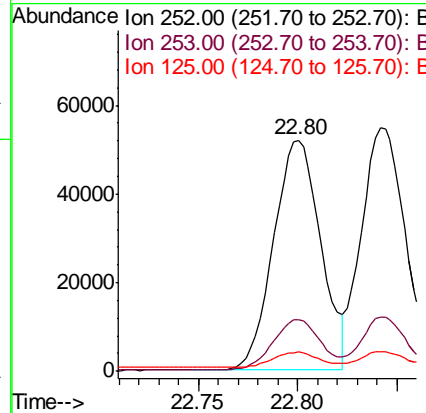
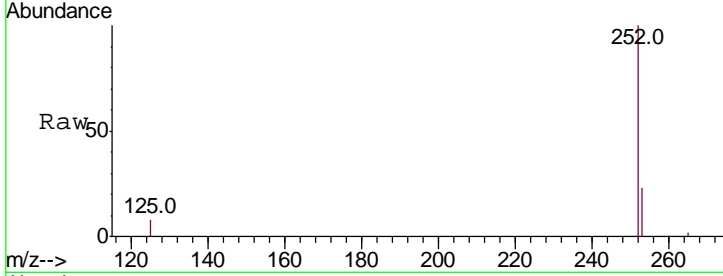


#21  
 Benzo(b)fluoranthene  
 Concen: 1.434 ng/ul  
 RT: 22.80 min Scan# 6480  
 Delta R.T. -0.00 min  
 Lab File: BM025032.D  
 Acq: 24 Feb 2020 21:23

Instrument :  
 BNA\_M  
 ClientSampled :

Tgt Ion: 252 Resp: 85764

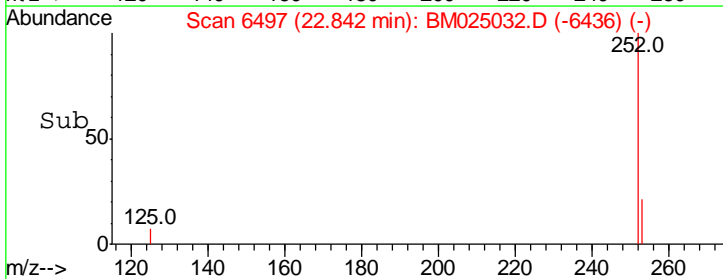
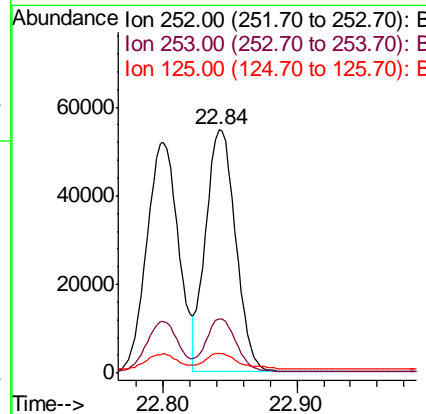
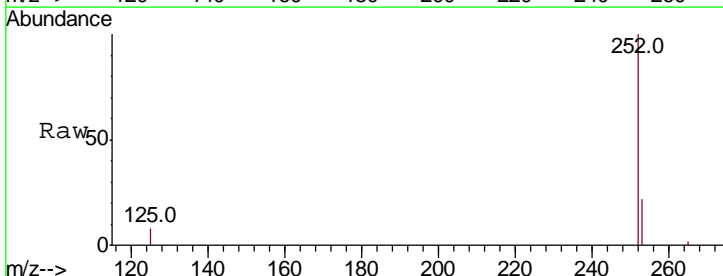
Ion	Ratio	Lower	Upper
252	100		
253	22.5	0.0	49.8
125	8.3	0.0	28.6

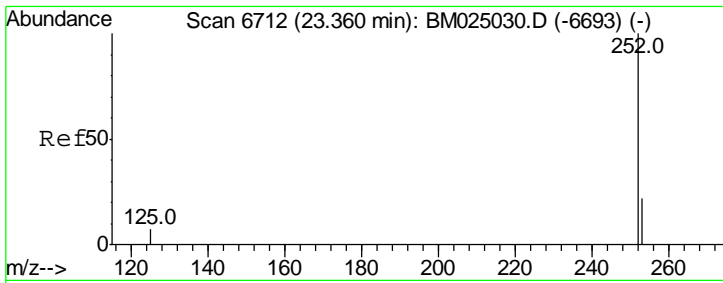


#22  
 Benzo(k)fluoranthene  
 Concen: 1.388 ng/ul  
 RT: 22.84 min Scan# 6497  
 Delta R.T. -0.00 min  
 Lab File: BM025032.D  
 Acq: 24 Feb 2020 21:23

Tgt Ion: 252 Resp: 84739

Ion	Ratio	Lower	Upper
252	100		
253	22.1	19.4	29.0
125	8.3	10.7	16.1#

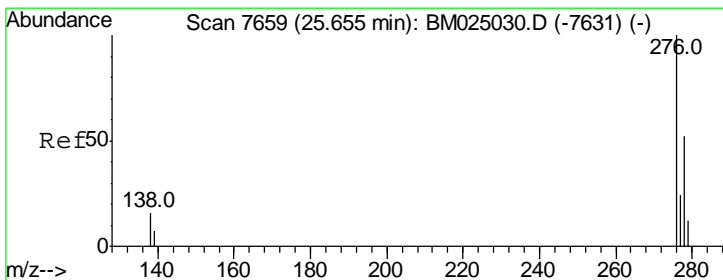
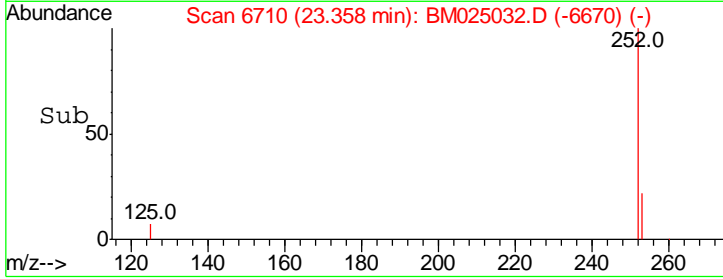
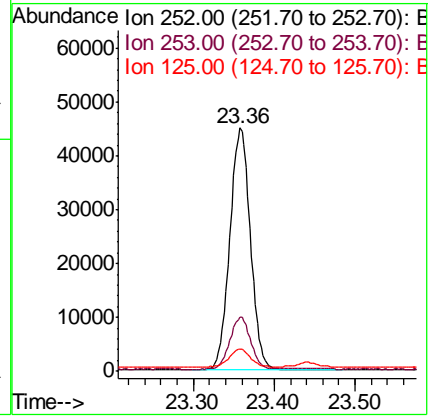
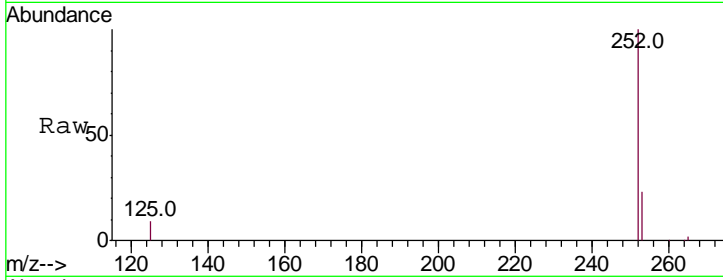




#23  
 Benzo(a)pyrene  
 Concen: 1.513 ng/ul  
 RT: 23.36 min Scan# 6710  
 Delta R.T. -0.00 min  
 Lab File: BM025032.D  
 Acq: 24 Feb 2020 21:23

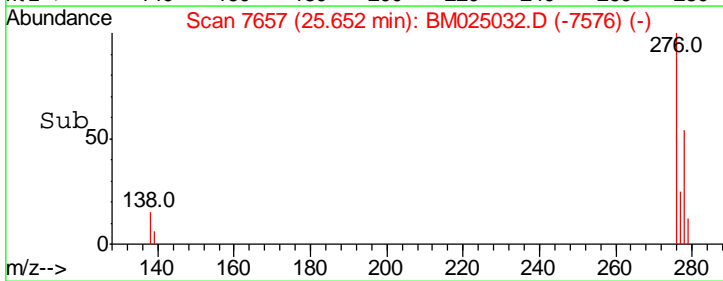
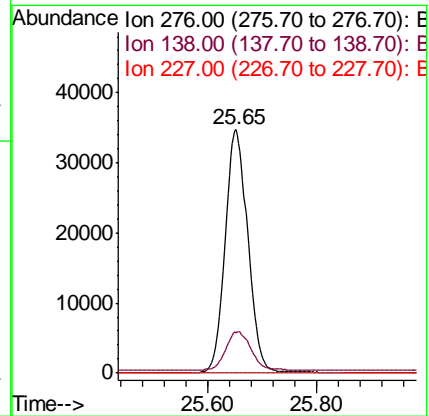
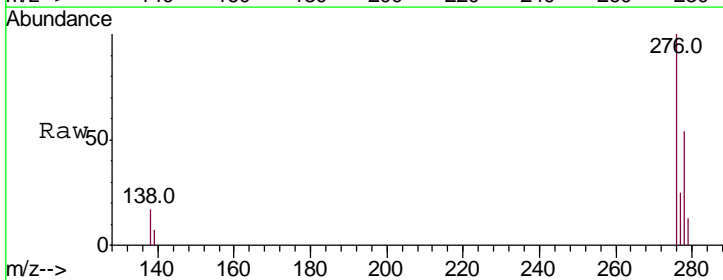
Instrument :  
 BNA\_M  
 ClientSampled :

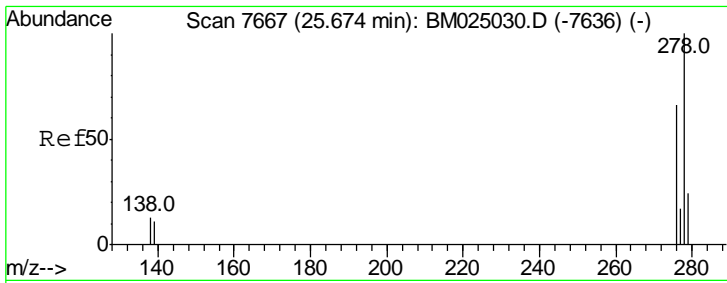
Tgt Ion	Resp	Lower	Upper
252	100		
253	22.5	20.3	30.5
125	9.0	13.0	19.4



#24  
 Indeno(1,2,3-cd)pyrene  
 Concen: 1.555 ng/ul  
 RT: 25.65 min Scan# 7657  
 Delta R.T. -0.00 min  
 Lab File: BM025032.D  
 Acq: 24 Feb 2020 21:23

Tgt Ion	Resp	Lower	Upper
276	100		
138	17.2	0.0	0.0
227	0.0	0.0	0.0

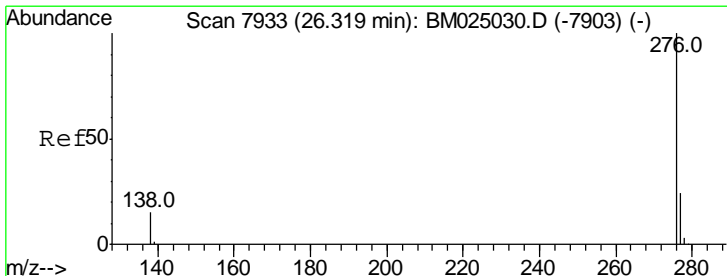
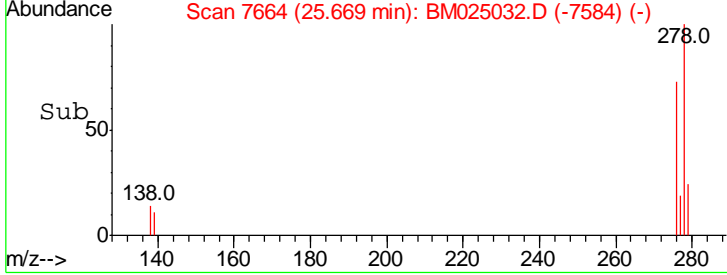
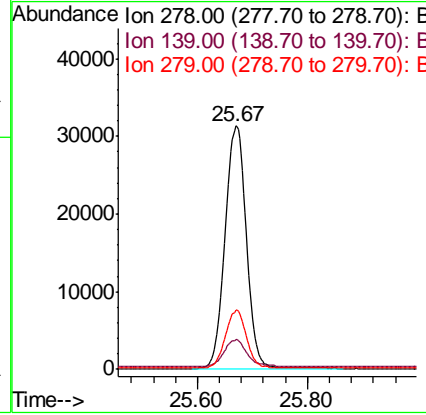
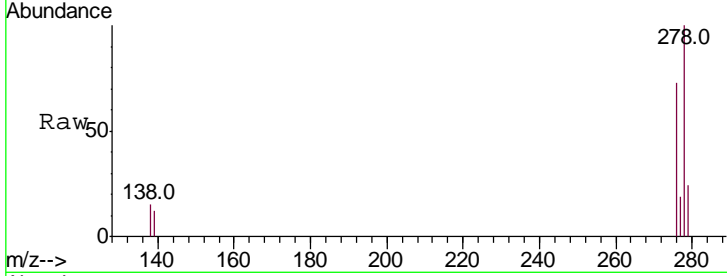




#25  
 Dibenzo(a,h)anthracene  
 Concen: 1.612 ng/ul  
 RT: 25.67 min Scan# 7664  
 Delta R.T. -0.01 min  
 Lab File: BM025032.D  
 Acq: 24 Feb 2020 21:23

Instrument :  
 BNA\_M  
 ClientSampled :

Tgt Ion	Resp	Lower	Upper
278	100		
139	12.1	13.2	19.8#
279	24.2	21.0	31.4



#26  
 Benzo(g,h,i)perylene  
 Concen: 1.640 ng/ul  
 RT: 26.32 min Scan# 7931  
 Delta R.T. -0.00 min  
 Lab File: BM025032.D  
 Acq: 24 Feb 2020 21:23

Tgt Ion	Resp	Lower	Upper
276	100		
138	16.0	17.9	26.9#
277	23.7	20.5	30.7

