

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031320\
 Data File : BM025551.D
 Acq On : 13 Mar 2020 21:13
 Operator : CG/JU
 Sample : L1786-15
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
ClientSampleId :
 C0AD1

Manual Integrations
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 mohammad
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Quant Time: Mar 16 06:38:37 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 16 05:37:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	3711	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	15792	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.28	164	10716	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	22532	0.40	ng/ul	0.00
16) Chrysene-d12	21.21	240	18822	0.40	ng/ul	0.00
20) Perylene-d12	23.40	264	18494	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.02	152	2800	0.10	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	6213	0.10	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	10.47	128	3440	0.074	ng/ul	96
5) 2-Methylnaphthalene	12.09	142	1297	0.039	ng/ul	98
7) Acenaphthylene	14.00	152	1729	0.039	ng/ul#	84
8) Acenaphthene	14.35	153	3753	0.098	ng/ul	98
9) Fluorene	15.33	166	4004	0.086	ng/ul	98
12) Phenanthrene	17.07	178	57142	0.800	ng/ul	99
13) Anthracene	17.16	178	13966	0.225	ng/ul	99
15) Fluoranthene	19.09	202	135176	1.746	ng/ul	99
17) Pyrene	19.45	202	112376	1.330	ng/ul	99
18) Benzo(a)anthracene	21.20	228	69530	1.033	ng/ul	99
19) Chrysene	21.25	228	67434	0.892	ng/ul	97
21) Benzo(b)fluoranthene	22.75	252	85962m	1.174	ng/ul	
22) Benzo(k)fluoranthene	22.79	252	38821m	0.506	ng/ul	
23) Benzo(a)pyrene	23.30	252	57138	0.940	ng/ul	95
24) Indeno(1,2,3-cd)pyrene	25.56	276	37823	0.458	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.57	278	11475	0.165	ng/ul#	92
26) Benzo(a,h,i)perylene	26.22	276	27035	0.378	ng/ul	97

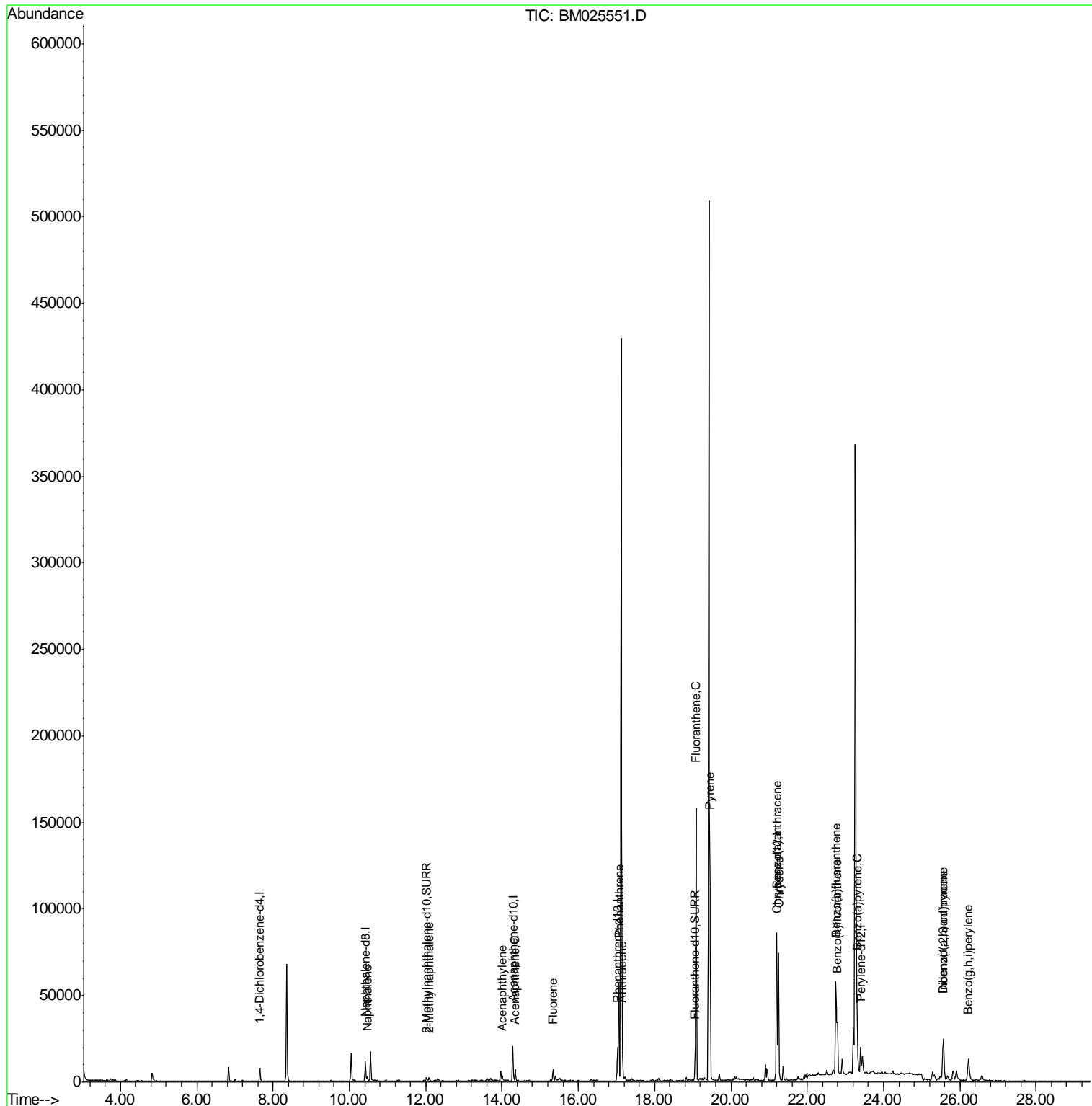
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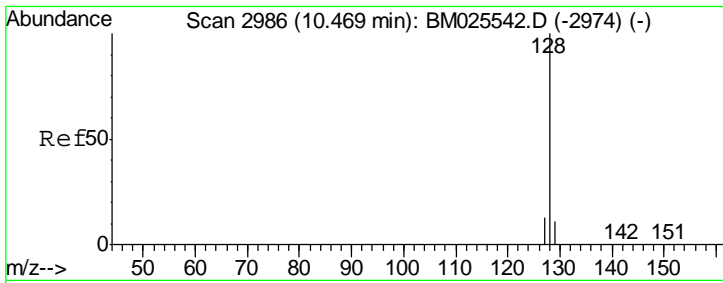
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031320\
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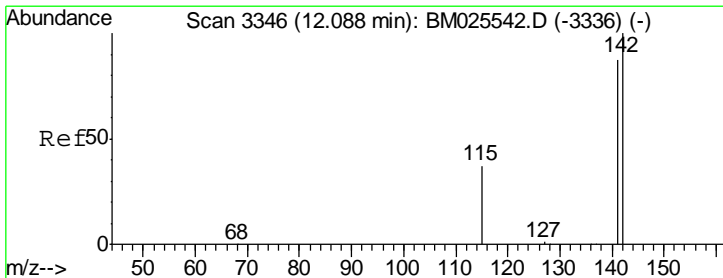
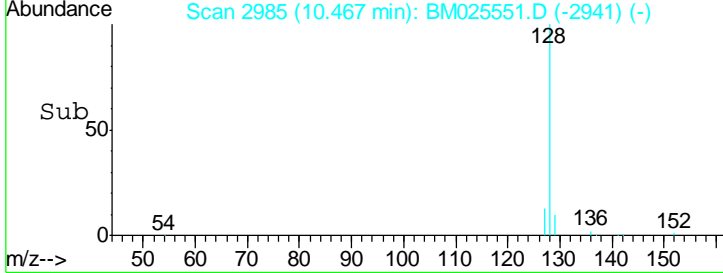
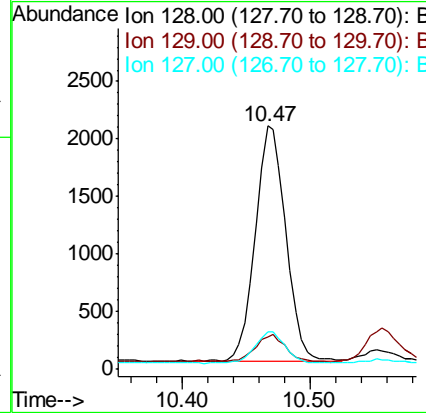
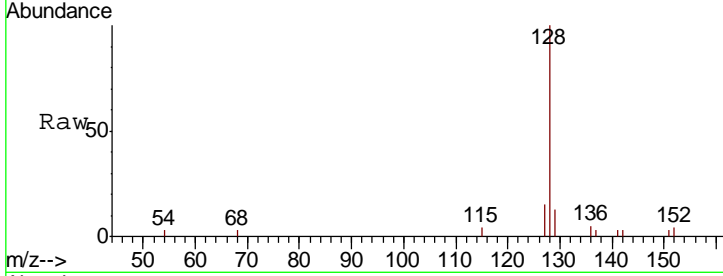
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 Naphthalene
 Concen: 0.074 ng/ul
 RT: 10.47 min Scan# 2985
 Delta R.T. -0.00 min
 Lab File: BM025551.D
 Acq: 13 Mar 2020 21:13

Instrument :
 BNA_M
ClientSampled :
 C0AD1

Tgt Ion	Ratio	Lower	Upper
128	100		
129	13.2	9.4	14.0
127	15.2	10.9	16.3

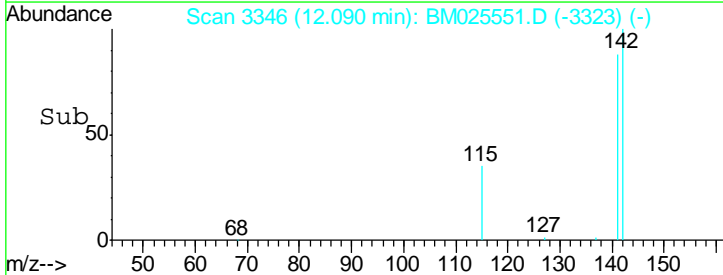
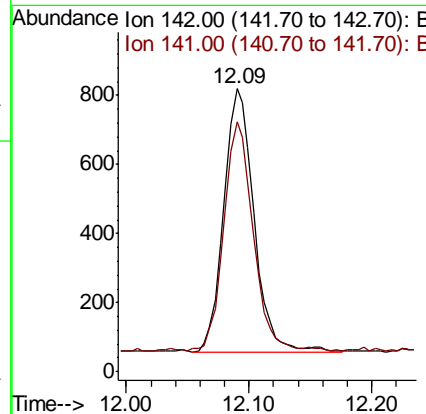
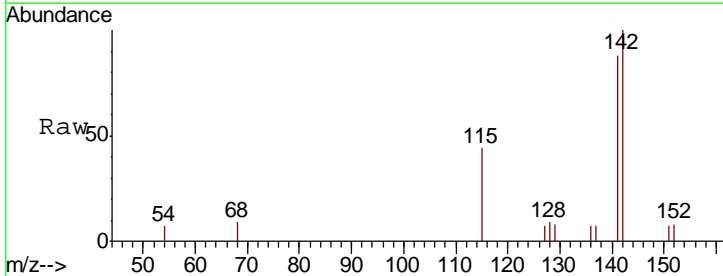
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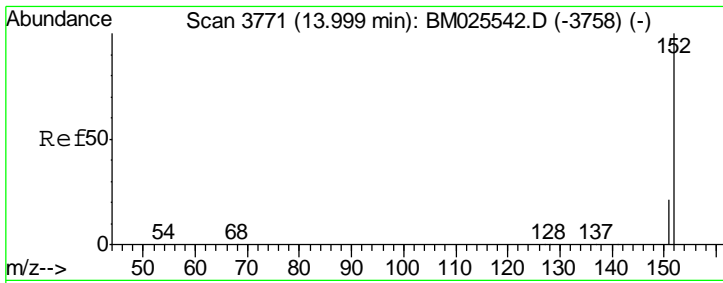
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#5
 2-Methylnaphthalene
 Concen: 0.039 ng/ul
 RT: 12.09 min Scan# 3346
 Delta R.T. 0.00 min
 Lab File: BM025551.D
 Acq: 13 Mar 2020 21:13

Tgt Ion	Ratio	Lower	Upper
142	100		
141	85.7	69.8	104.6





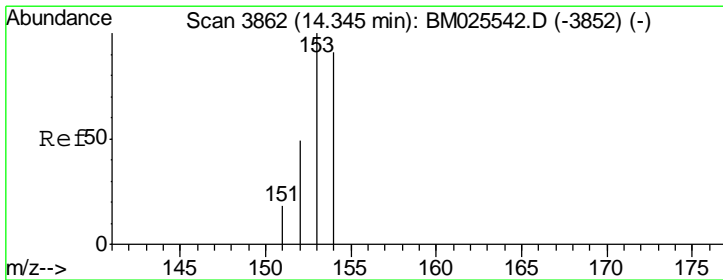
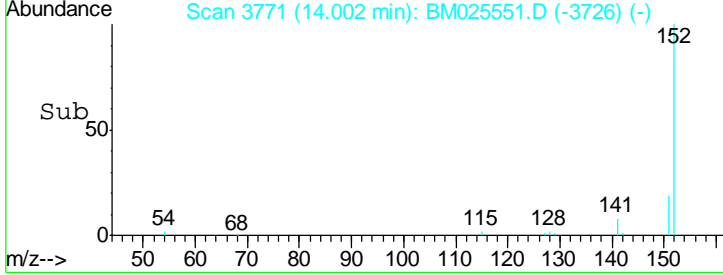
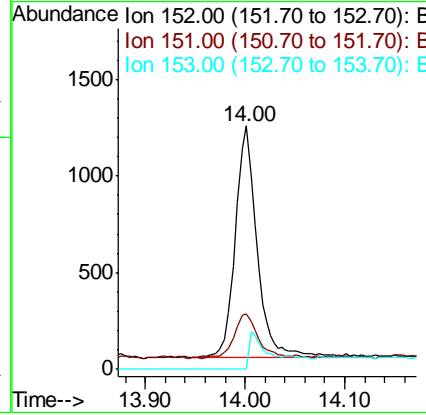
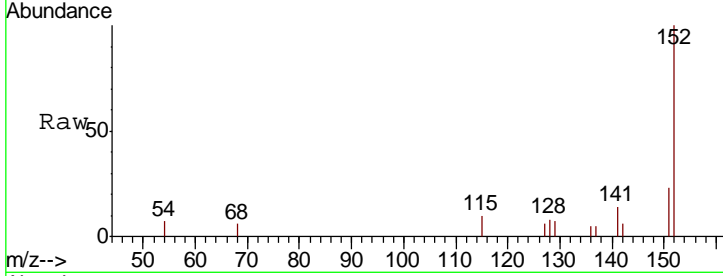
#7
 Acenaphthylene
 Concen: 0.039 ng/ul
 RT: 14.00 min Scan# 3771
 Delta R.T. 0.00 min
 Lab File: BM025551.D
 Acq: 13 Mar 2020 21:13

Instrument :
 BNA_M
 ClientSampled :
 C0AD1

Tgt Ion	Resp	Lower	Upper
152	1729		
151	22.6	16.2	24.2
153	0.0	10.6	16.0

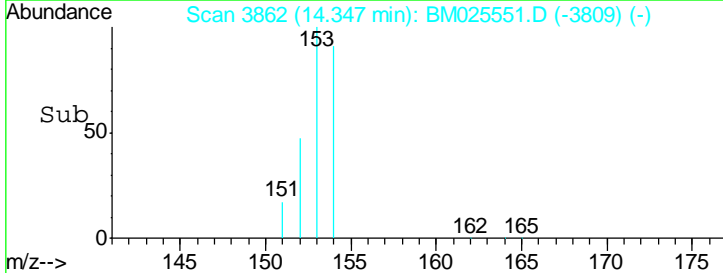
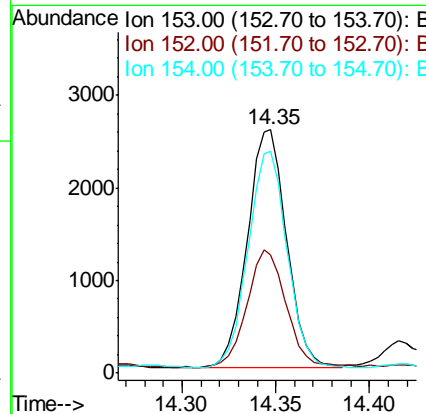
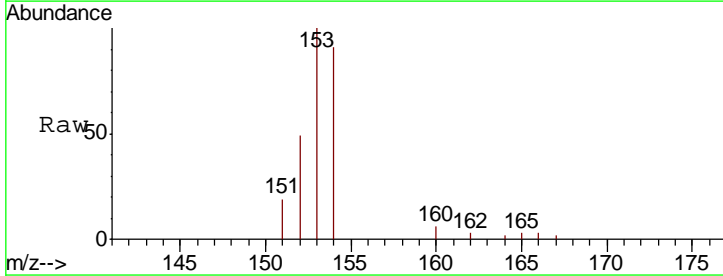
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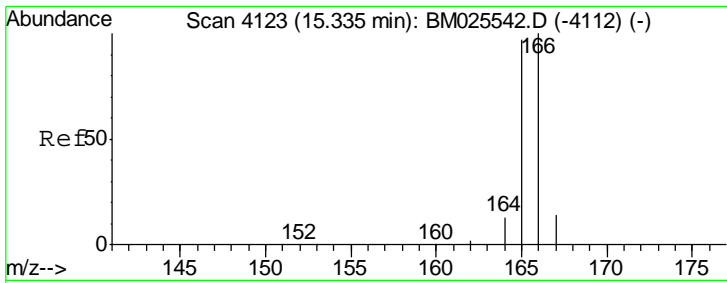
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#8
 Acenaphthene
 Concen: 0.098 ng/ul
 RT: 14.35 min Scan# 3862
 Delta R.T. 0.00 min
 Lab File: BM025551.D
 Acq: 13 Mar 2020 21:13

Tgt Ion	Resp	Lower	Upper
153	3753		
152	48.6	39.5	59.3
154	91.3	71.7	107.5





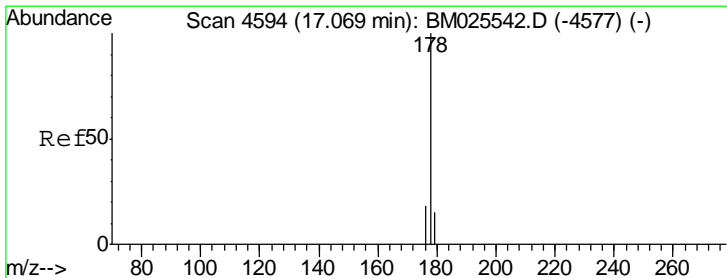
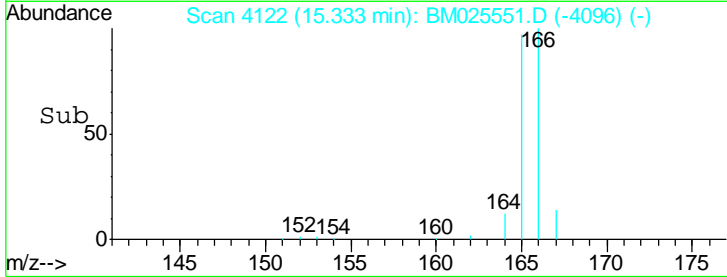
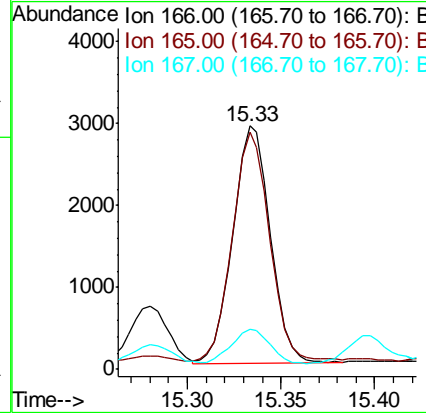
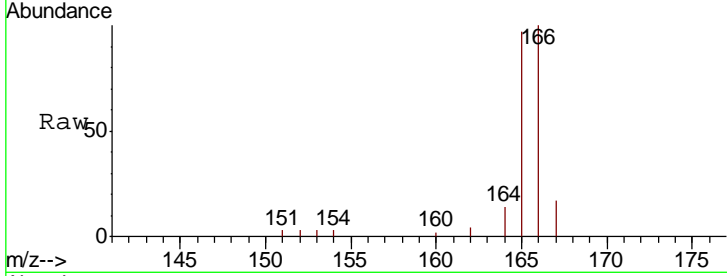
#9
 Fluorene
 Concen: 0.086 ng/ul
 RT: 15.33 min Scan# 4122
 Delta R.T. -0.00 min
 Lab File: BM025551.D
 Acq: 13 Mar 2020 21:13

Instrument :
 BNA_M
ClientSampled :
 C0AD1

Tgt Ion	Resp	Lower	Upper
166	100		
165	97.4	76.8	115.2
167	16.6	11.2	16.8

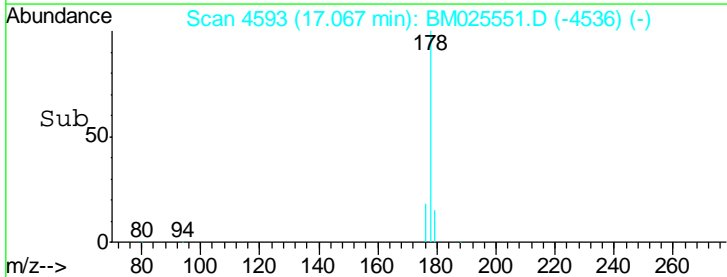
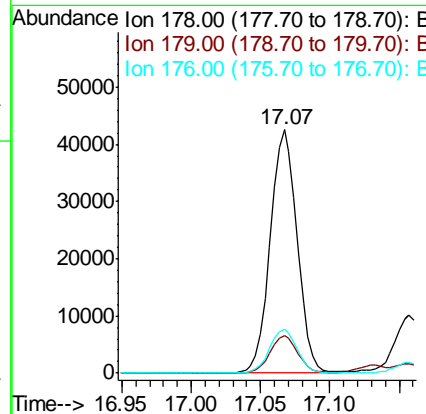
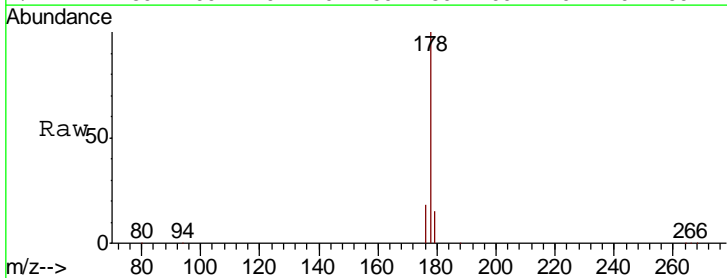
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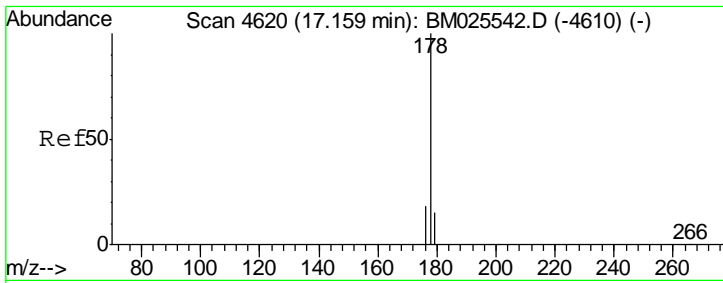
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#12
 Phenanthrene
 Concen: 0.800 ng/ul
 RT: 17.07 min Scan# 4593
 Delta R.T. -0.00 min
 Lab File: BM025551.D
 Acq: 13 Mar 2020 21:13

Tgt Ion	Resp	Lower	Upper
178	100		
179	15.4	12.4	18.6
176	18.0	14.8	22.2



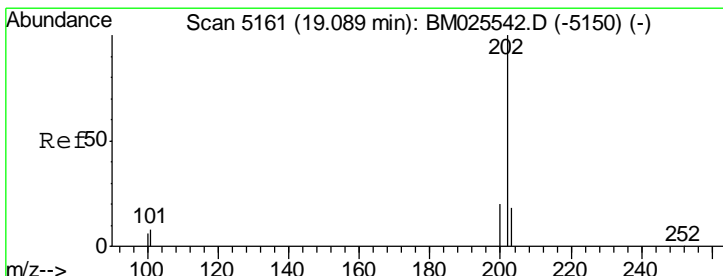
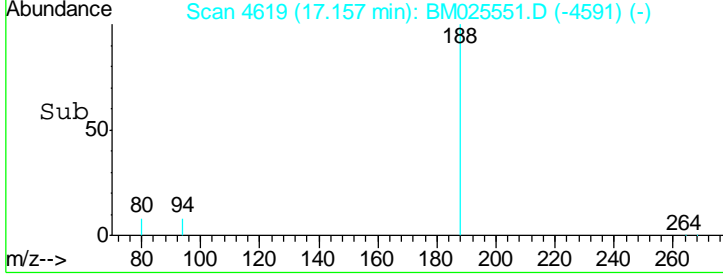
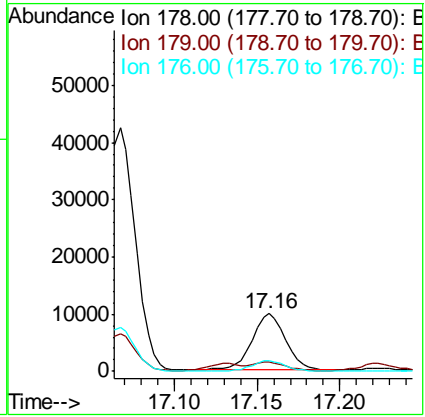
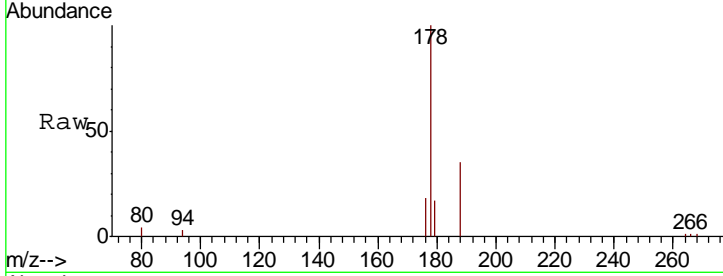


#13
 Anthracene
 Concen: 0.225 ng/ul
 RT: 17.16 min Scan# 4619
 Delta R.T. -0.00 min
 Lab File: BM025551.D
 Acq: 13 Mar 2020 21:13

Instrument :
 BNA_M
ClientSampled :
 C0AD1

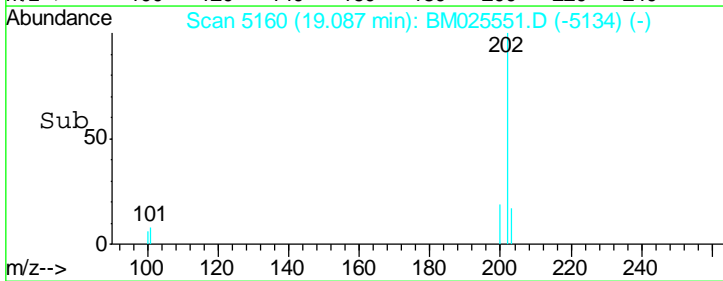
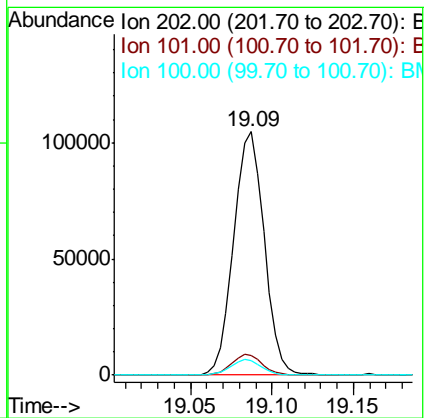
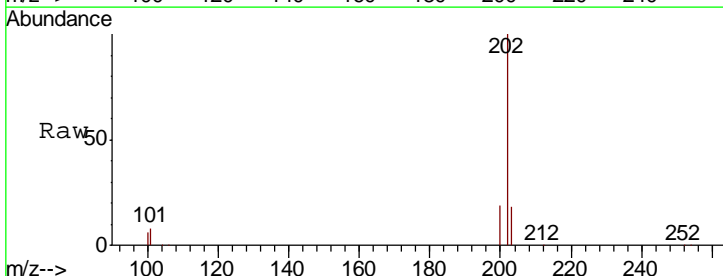
Tgt Ion	Resp	Lower	Upper
178	100		
179	16.7	12.6	18.8
176	18.4	14.5	21.7

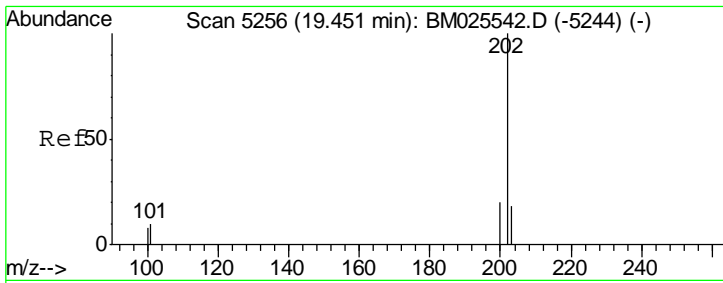
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#15
 Fluoranthene
 Concen: 1.746 ng/ul
 RT: 19.09 min Scan# 5160
 Delta R.T. -0.00 min
 Lab File: BM025551.D
 Acq: 13 Mar 2020 21:13

Tgt Ion	Resp	Lower	Upper
202	100		
101	8.0	0.0	27.5
100	6.1	0.0	26.0





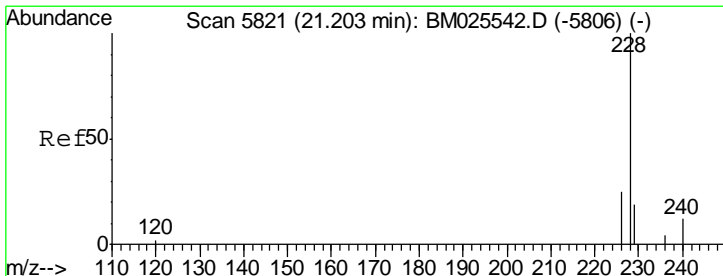
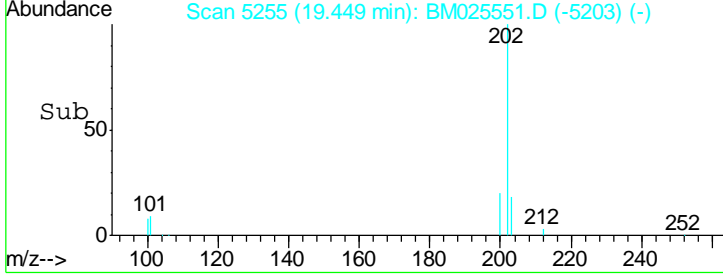
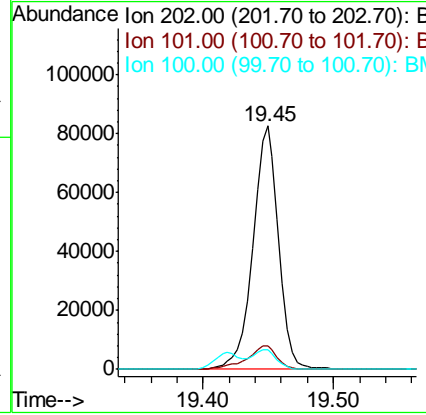
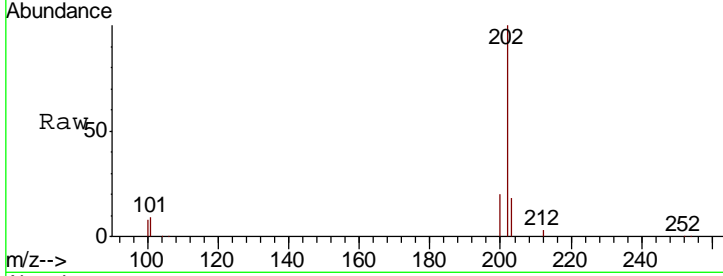
#17
 Pyrene
 Concen: 1.330 ng/ul
 RT: 19.45 min Scan# 5255
 Delta R.T. -0.00 min
 Lab File: BM025551.D
 Acq: 13 Mar 2020 21:13

Instrument :
 BNA_M
Client Sampled :
 C0AD1

Tgt Ion	Resp	Lower	Upper
202	112376		
101	9.4	7.1	10.7
100	7.9	6.0	9.0

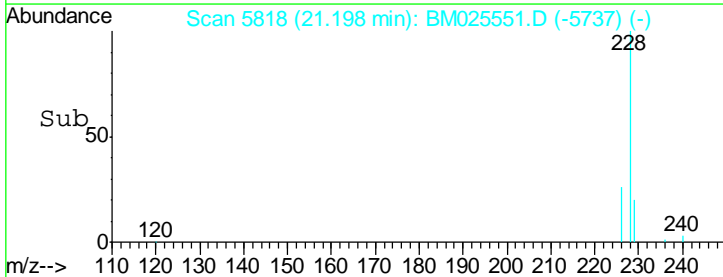
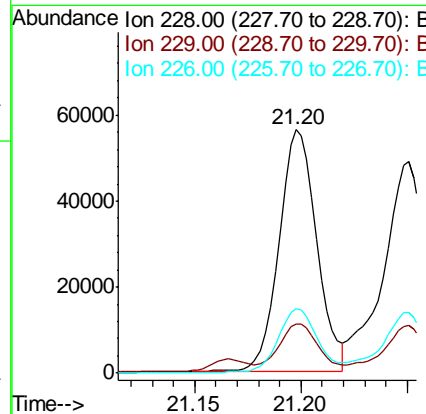
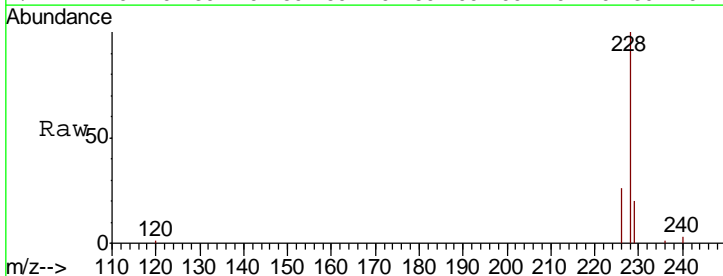
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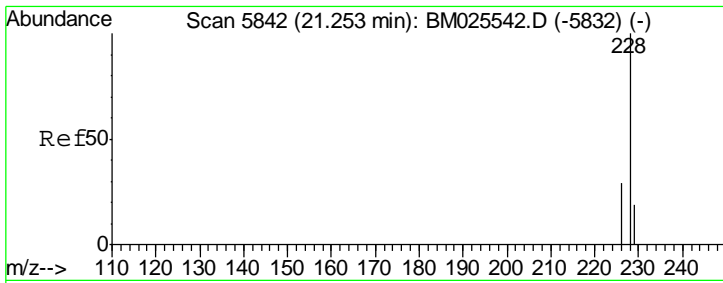
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#18
 Benzo(a)anthracene
 Concen: 1.033 ng/ul
 RT: 21.20 min Scan# 5818
 Delta R.T. -0.01 min
 Lab File: BM025551.D
 Acq: 13 Mar 2020 21:13

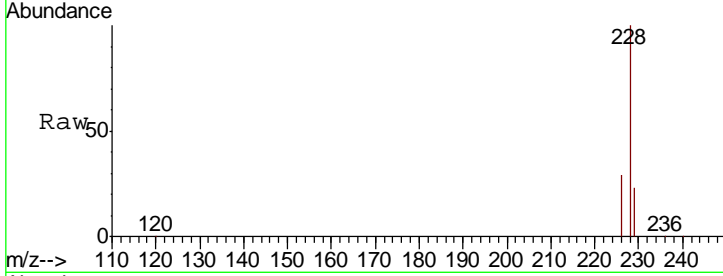
Tgt Ion	Resp	Lower	Upper
228	69530		
229	20.3	15.6	23.4
226	26.4	21.1	31.7





#19
 Chrysene
 Concen: 0.892 ng/ul
 RT: 21.25 min Scan# 5840
 Delta R.T. -0.00 min
 Lab File: BM025551.D
 Acq: 13 Mar 2020 21:13

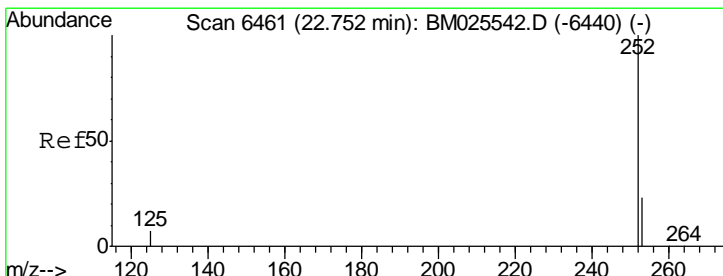
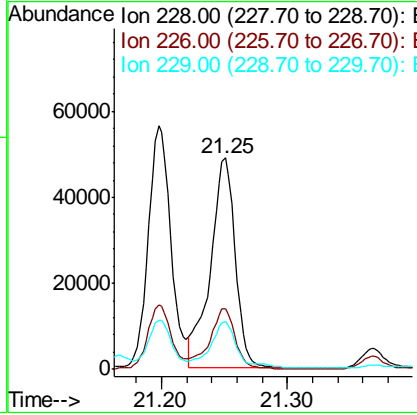
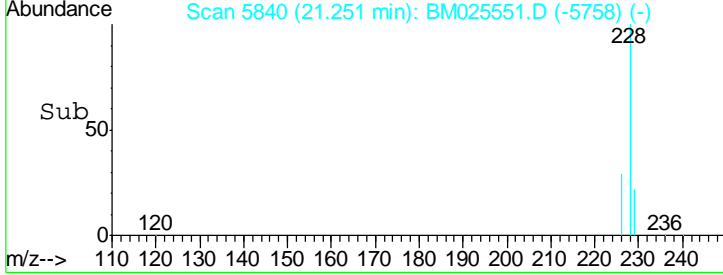
Instrument :
 BNA_M
 ClientSampled :
 C0AD1



Tgt Ion: 228 Resp: 67434

Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.6	35.4
229	22.5	16.3	24.5

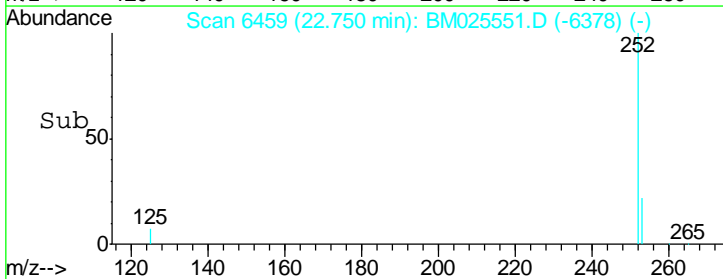
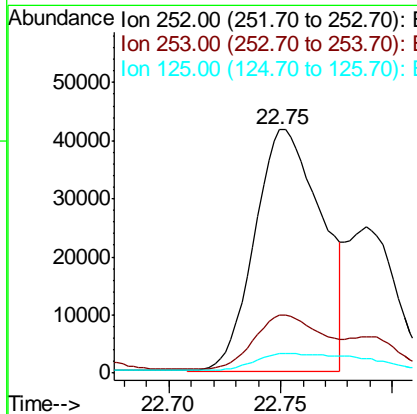
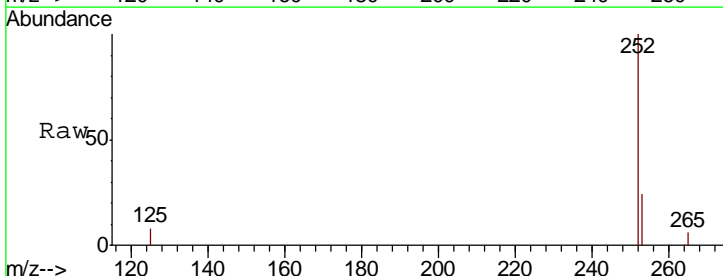
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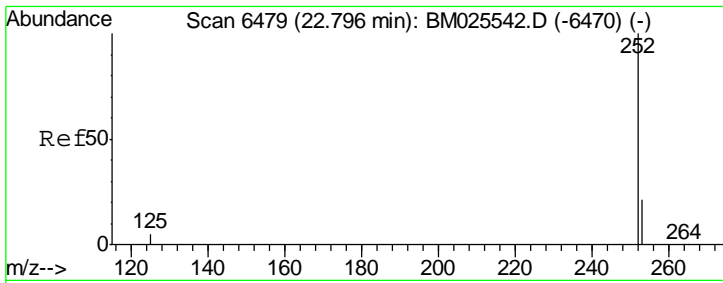


#21
 Benzo(b)fluoranthene
 Concen: 1.174 ng/ul m
 RT: 22.75 min Scan# 6459
 Delta R.T. -0.00 min
 Lab File: BM025551.D
 Acq: 13 Mar 2020 21:13

Tgt Ion: 252 Resp: 85962

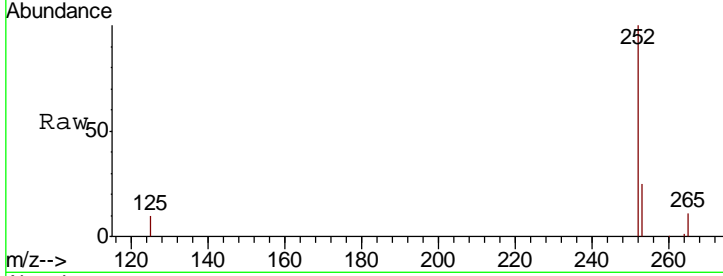
Ion	Ratio	Lower	Upper
252	100		
253	23.8	0.0	50.2
125	8.1	0.0	17.6





#22
 Benzo(k)fluoranthene
 Concen: 0.506 ng/ul m
 RT: 22.79 min Scan# 6475
 Delta R.T. -0.01 min
 Lab File: BM025551.D
 Acq: 13 Mar 2020 21:13

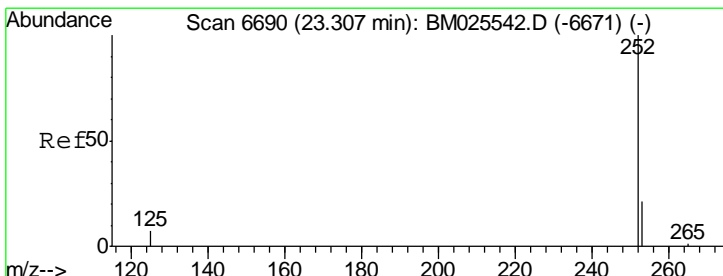
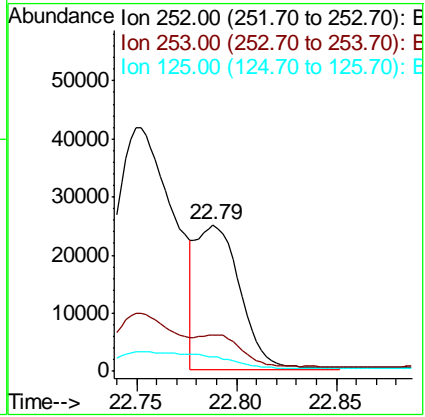
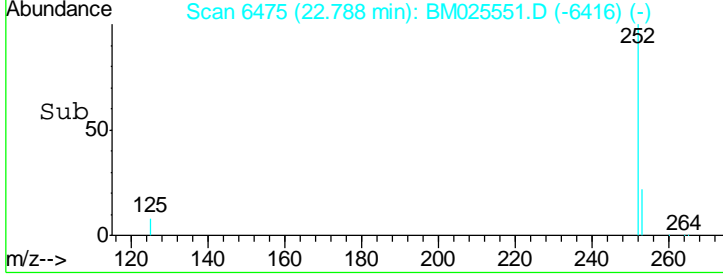
Instrument :
 BNA_M
ClientSampled :
 C0AD1



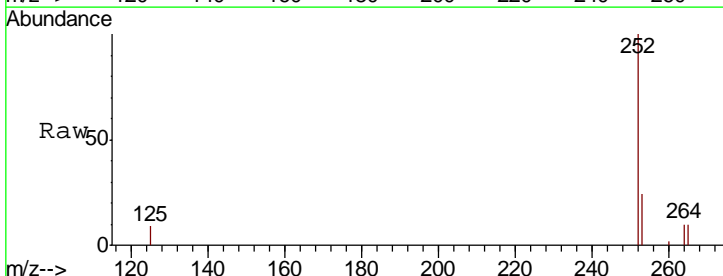
Tgt Ion: 252 Resp: 38821

Ion	Ratio	Lower	Upper
252	100		
253	25.0	19.8	29.8
125	10.0	7.1	10.7

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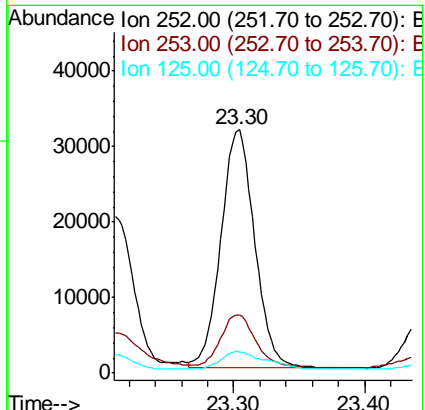
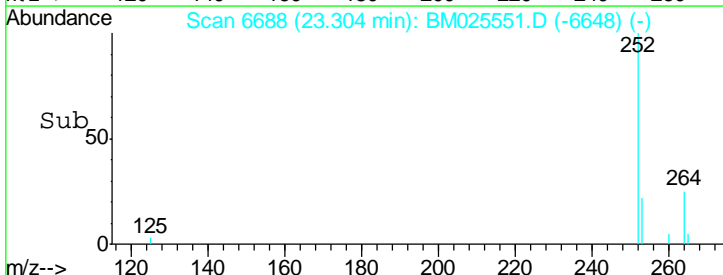


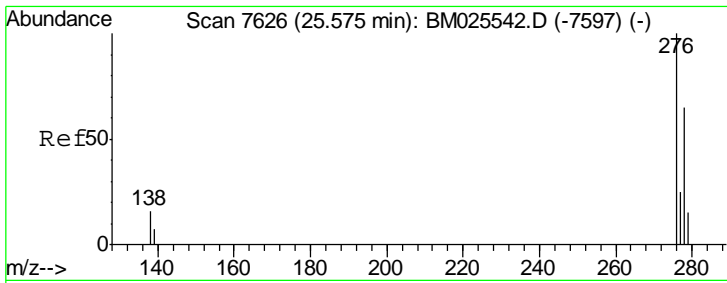
#23
 Benzo(a)pyrene
 Concen: 0.940 ng/ul
 RT: 23.30 min Scan# 6688
 Delta R.T. -0.00 min
 Lab File: BM025551.D
 Acq: 13 Mar 2020 21:13



Tgt Ion: 252 Resp: 57138

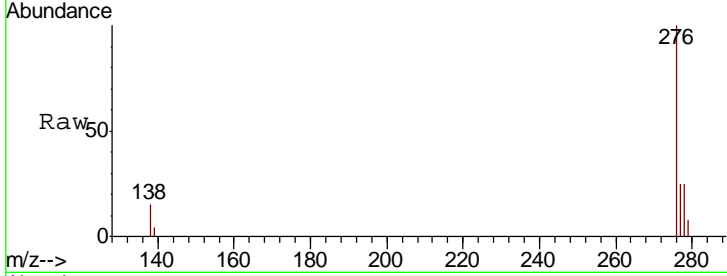
Ion	Ratio	Lower	Upper
252	100		
253	23.9	21.3	31.9
125	8.8	8.5	12.7





#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.458 ng/ul
 RT: 25.56 min Scan# 7621
 Delta R.T. -0.01 min
 Lab File: BM025551.D
 Acq: 13 Mar 2020 21:13

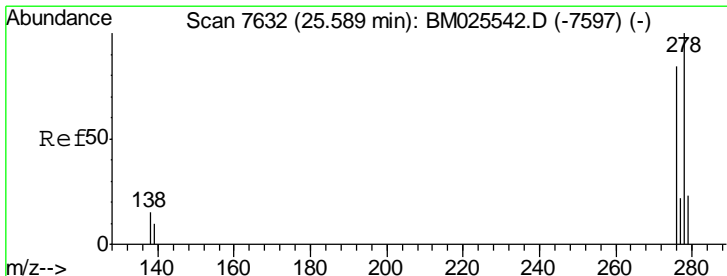
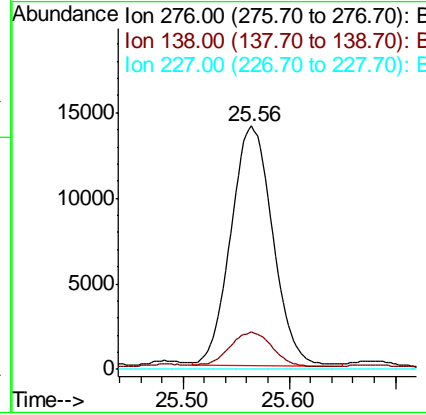
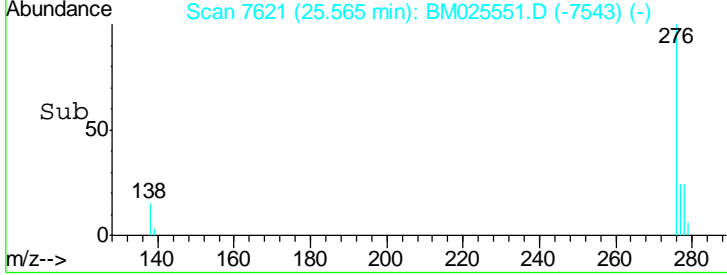
Instrument :
 BNA_M
 ClientSampled :
 C0AD1



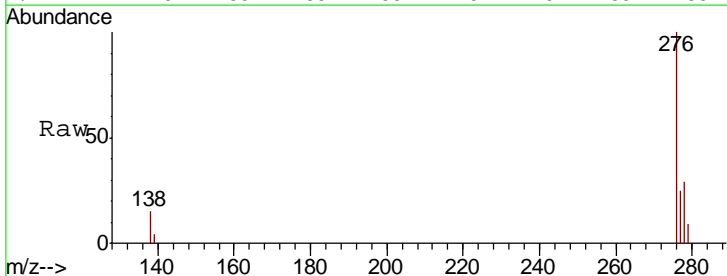
Tgt Ion	Resp	Lower	Upper
276	37823		
276	100		
138	14.8	12.3	18.5
227	0.0	0.0	0.0

Manual Integrations
 APPROVED

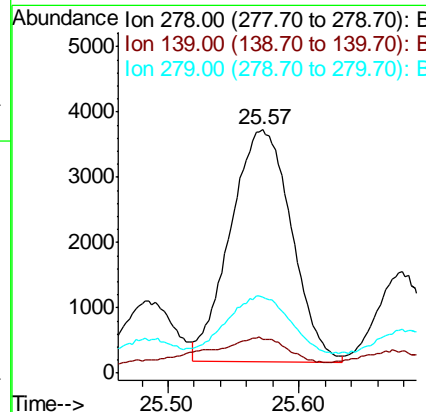
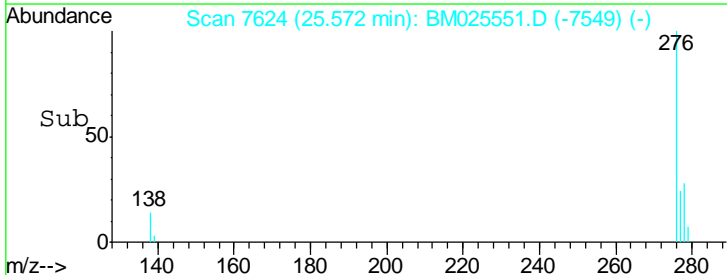
mohammad
 3/16/2020 1:52:27 PM

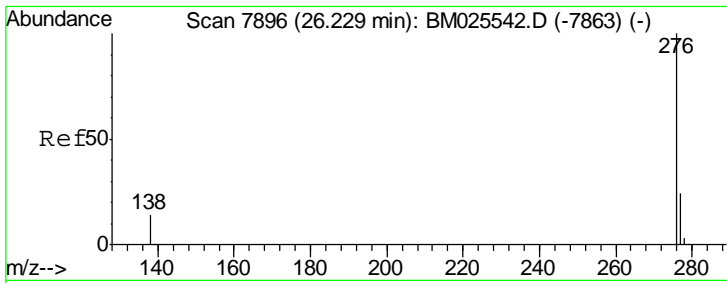


#25
 Dibenzo(a,h)anthracene
 Concen: 0.165 ng/ul
 RT: 25.57 min Scan# 7624
 Delta R.T. -0.02 min
 Lab File: BM025551.D
 Acq: 13 Mar 2020 21:13



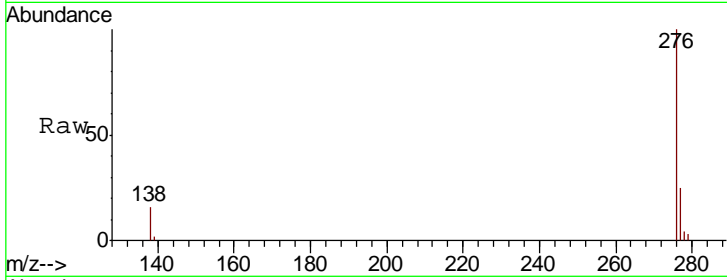
Tgt Ion	Resp	Lower	Upper
278	11475		
278	100		
139	13.9	9.0	13.6#
279	31.1	21.1	31.7





#26
 Benzo(a,h,i)perylene
 Concen: 0.378 ng/ul
 RT: 26.22 min Scan# 7892
 Delta R.T. -0.01 min
 Lab File: BM025551.D
 Acq: 13 Mar 2020 21:13

Instrument :
 BNA_M
ClientSampled :
 C0AD1



Tot Ion: 276 Resp: 27035

Ion	Ratio	Lower	Upper
276	100		
138	16.1	11.0	16.4
277	25.1	19.8	29.6

Manual Integrations
APPROVED
 mohammad
 3/16/2020 1:52:27 PM

