

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021821\
 Data File : BM028812.D
 Acq On : 19 Feb 2021 09:18
 Operator : CG/JU
 Sample : M1379-08
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
ClientSampleId :
 DBGY8

Manual Integrations
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Quant Time: Feb 19 10:30:56 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM020521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 19 10:10:00 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	407	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	1683	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	1011	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.27	188	2496	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	2160	0.40	ng/ul	0.01
20) Perylene-d12	23.66	264	1774	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	470	0.20	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	1011	0.16	ng/ul	0.00
Target Compounds						
					Ovalue	
3) Naphthalene	10.74	128	1449	0.346	ng/ul	96
5) 2-Methylnaphthalene	12.36	142	490	0.175	ng/ul	99
7) Acenaphthylene	14.26	152	1016	0.246	ng/ul#	89
8) Acenaphthene	14.60	153	1903	0.582	ng/ul	99
9) Fluorene	15.58	166	5649	1.556	ng/ul	99
11) Pentachlorophenol	16.94	266	20	0.031	ng/ul#	78
12) Phenanthrene	17.31	178	48272	6.919	ng/ul	94
13) Anthracene	17.41	178	4368	0.657	ng/ul	96
15) Fluoranthene	19.32	202	61999	7.807	ng/ul	93
17) Pyrene	19.68	202	70085	8.930	ng/ul	93
18) Benzo(a)anthracene	21.41	228	7098	0.963	ng/ul	94
19) Chrysene	21.46	228	8582m	1.171	ng/ul	
21) Benzo(b)fluoranthene	22.99	252	7164m	1.180	ng/ul	
22) Benzo(k)fluoranthene	23.03	252	2070m	0.342	ng/ul	
23) Benzo(a)pyrene	23.56	252	2315	0.428	ng/ul#	88
24) Indeno(1,2,3-cd)pyrene	25.91	276	2057	0.292	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.92	278	617	0.104	ng/ul#	16
26) Benzo(g,h,i)perylene	26.61	276	1807	0.308	ng/ul#	92

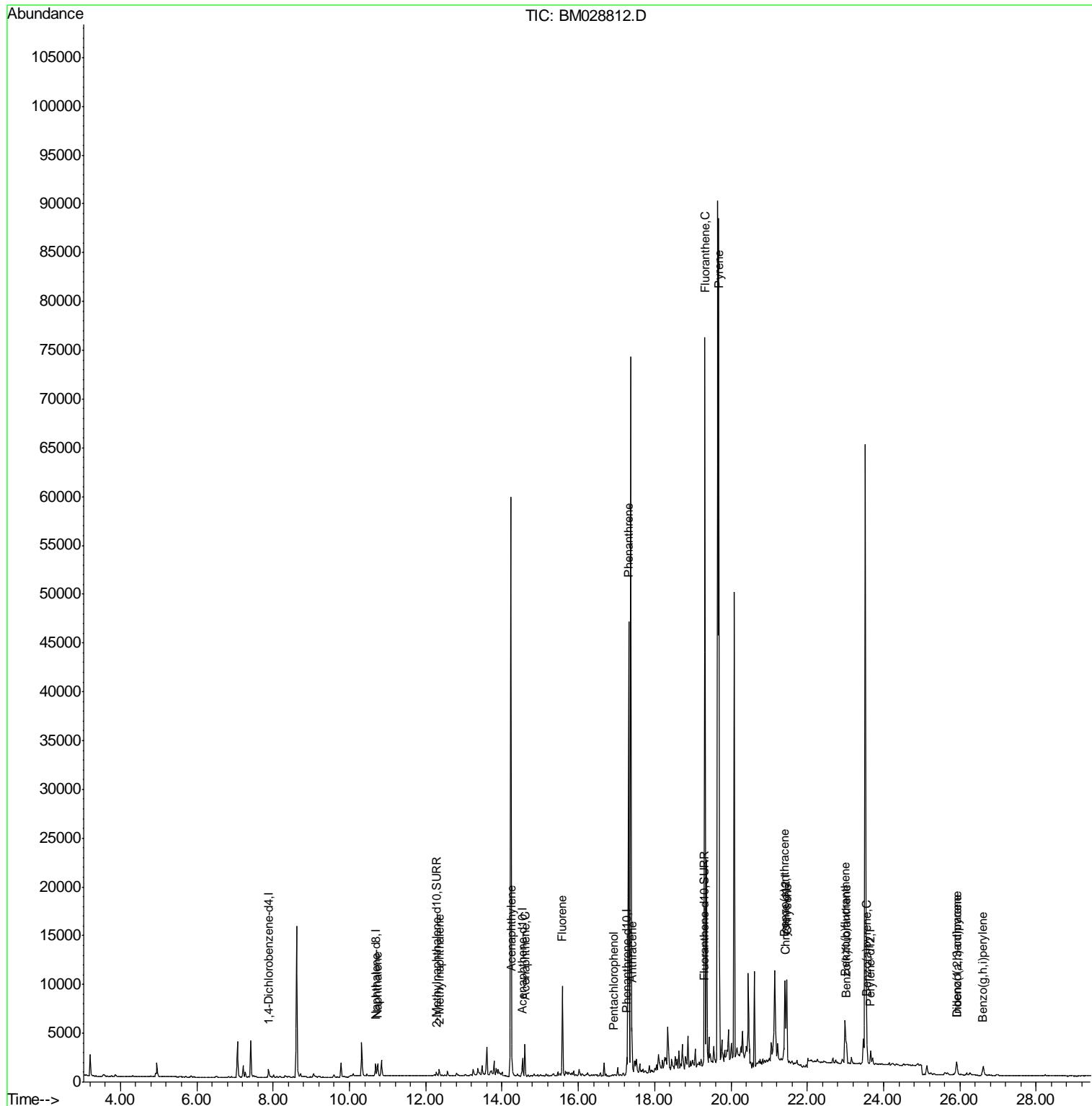
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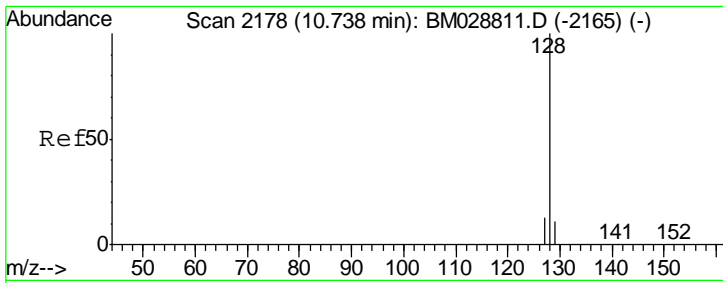
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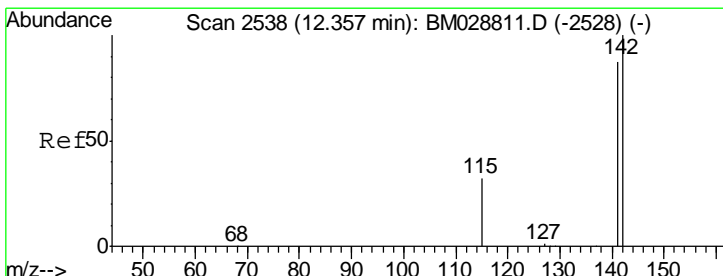
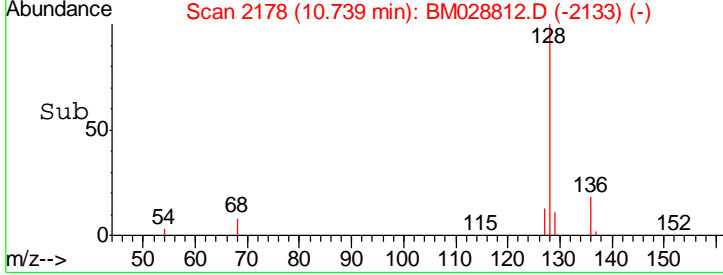
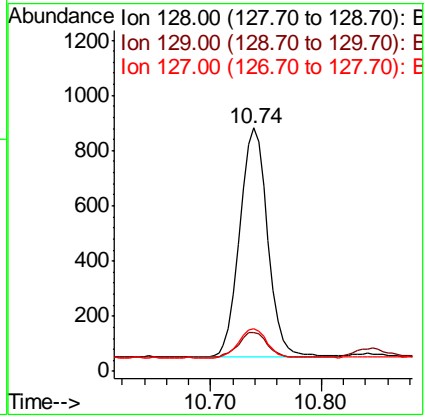
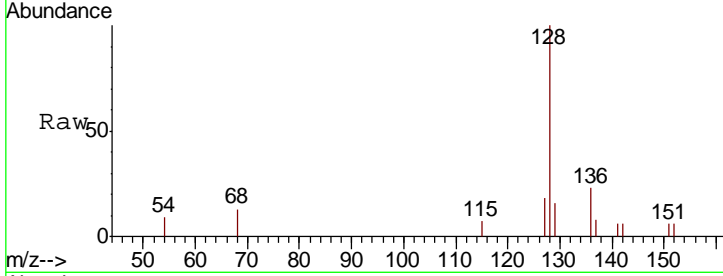


#3
 Naphthalene
 Concen: 0.346 ng/ul
 RT: 10.74 min Scan# 2178
 Delta R.T. 0.00 min
 Lab File: BM028812.D
 Acq: 19 Feb 2021 09:18

Instrument :
 BNA_M
ClientSampled :
 DBGY8

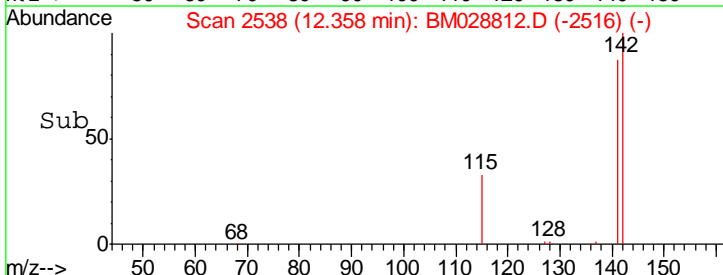
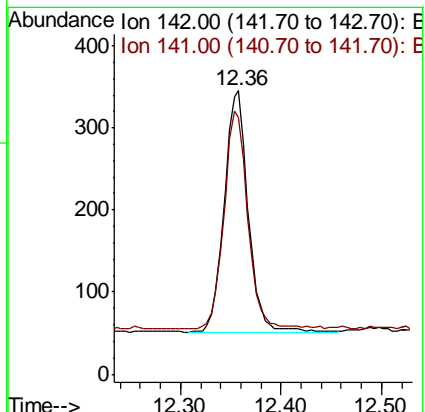
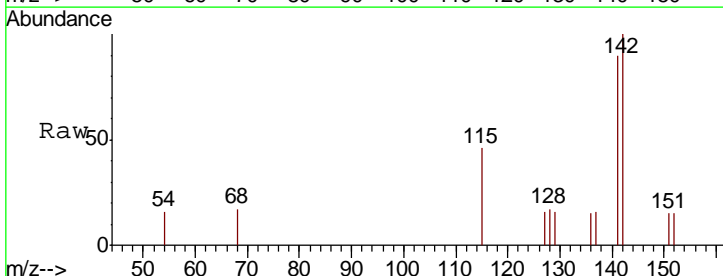
Tgt Ion	Resp	Lower	Upper
128	1449		
129	16.2	11.4	17.2
127	17.8	13.0	19.6

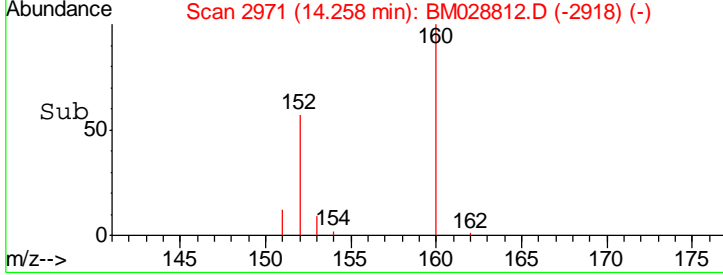
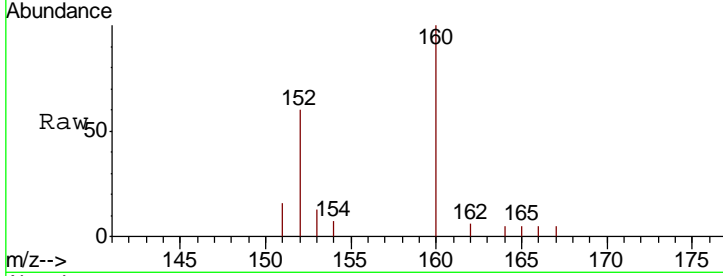
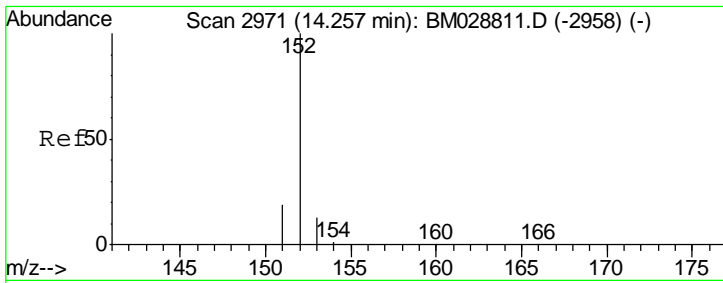
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#5
 2-Methylnaphthalene
 Concen: 0.175 ng/ul
 RT: 12.36 min Scan# 2538
 Delta R.T. 0.00 min
 Lab File: BM028812.D
 Acq: 19 Feb 2021 09:18

Tgt Ion	Resp	Lower	Upper
142	490		
141	89.8	72.2	108.4



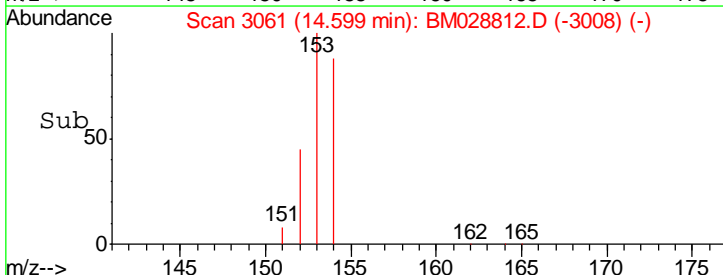
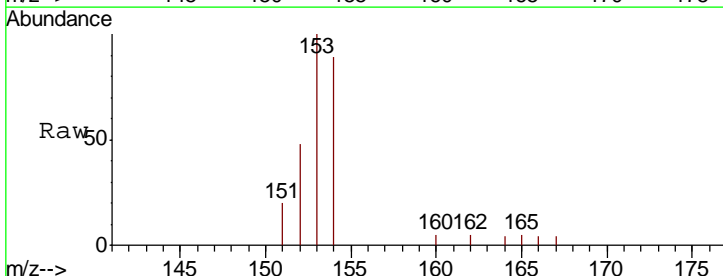
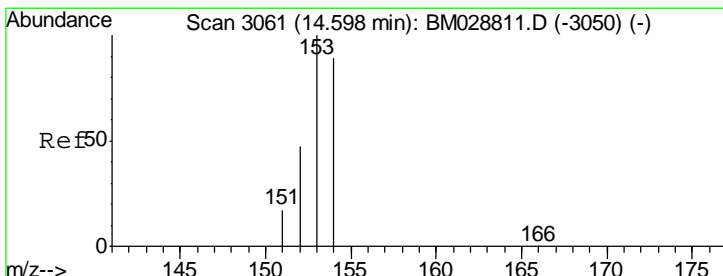
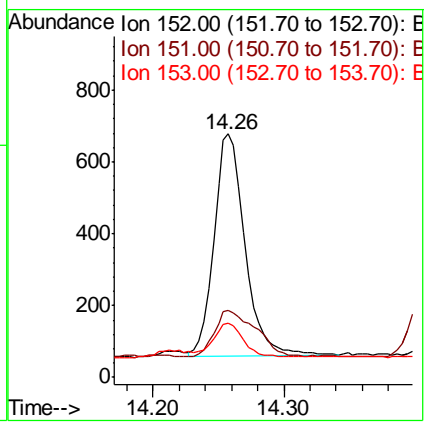


#7
 Acenaphthylene
 Concen: 0.246 ng/ul
 RT: 14.26 min Scan# 2971
 Delta R.T. 0.00 min
 Lab File: BM028812.D
 Acq: 19 Feb 2021 09:18

Tgt Ion	Resp	Lower	Upper
152	1016		
151	27.3	18.0	27.0#
153	22.1	13.4	20.0#

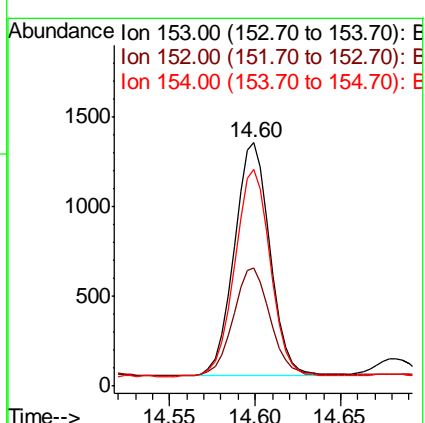
Instrument :
 BNA_M
 ClientSampled :
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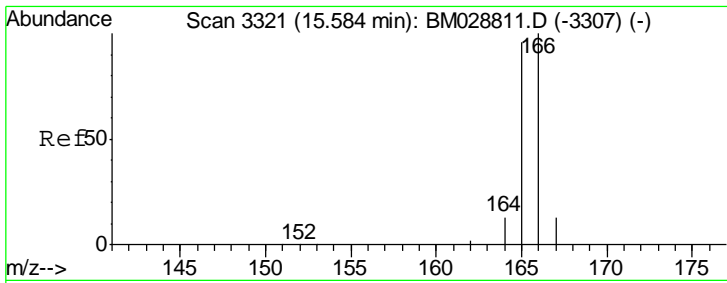
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#8
 Acenaphthene
 Concen: 0.582 ng/ul
 RT: 14.60 min Scan# 3061
 Delta R.T. 0.00 min
 Lab File: BM028812.D
 Acq: 19 Feb 2021 09:18

Tgt Ion	Resp	Lower	Upper
153	1903		
152	48.3	39.6	59.4
154	88.8	70.3	105.5





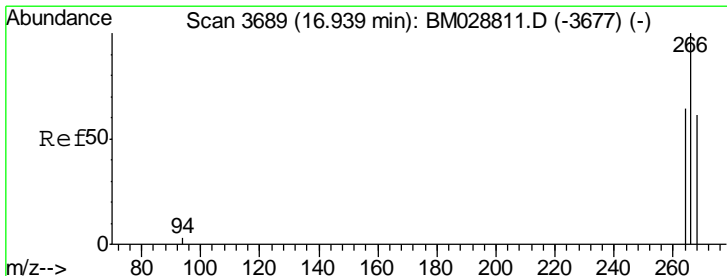
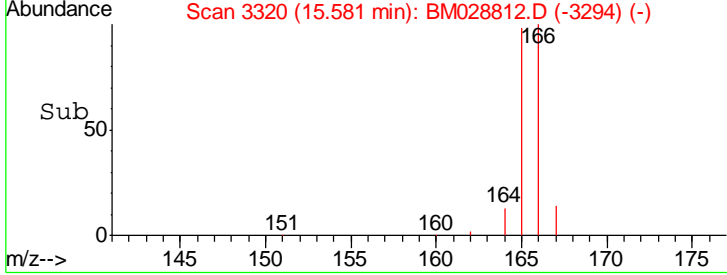
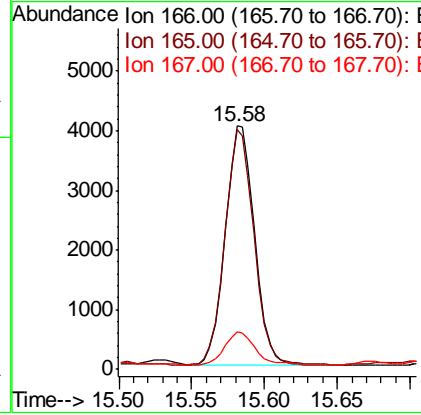
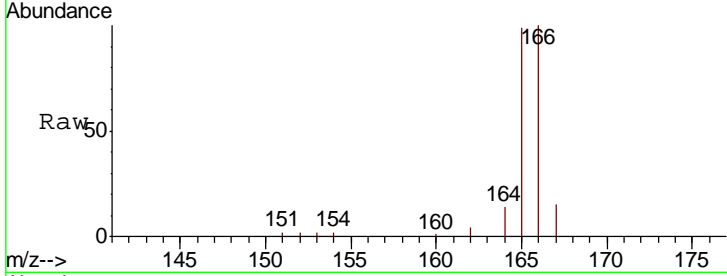
#9
 Fluorene
 Concen: 1.556 ng/ul
 RT: 15.58 min Scan# 3320
 Delta R.T. -0.00 min
 Lab File: BM028812.D
 Acq: 19 Feb 2021 09:18

Instrument :
 BNA_M
ClientSampled :
 DBGY8

Tgt Ion	Resp	Lower	Upper
166	100		
165	98.6	79.6	119.4
167	15.3	13.9	20.9

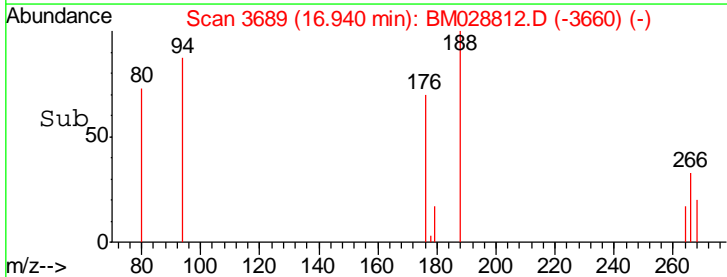
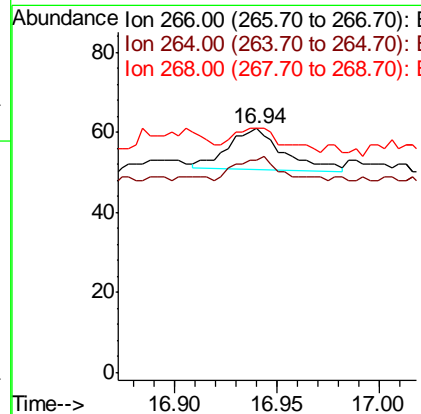
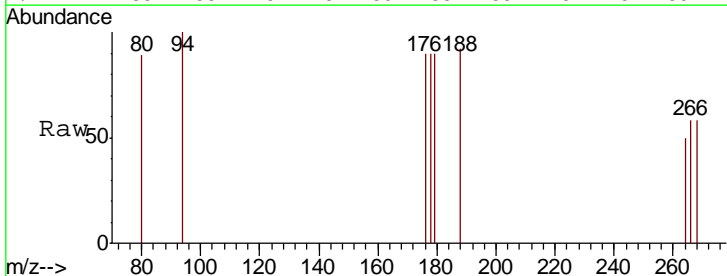
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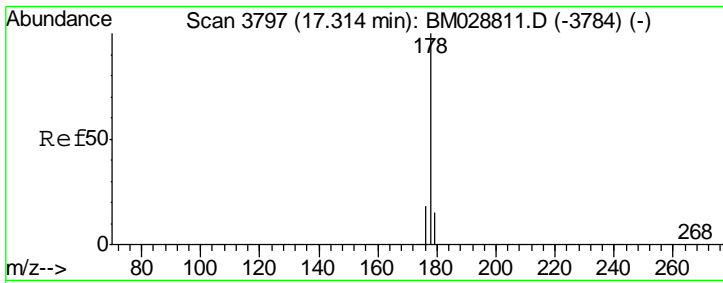
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#11
 Pentachlorophenol
 Concen: 0.031 ng/ul
 RT: 16.94 min Scan# 3689
 Delta R.T. 0.00 min
 Lab File: BM028812.D
 Acq: 19 Feb 2021 09:18

Tgt Ion	Resp	Lower	Upper
266	100		
264	45.0	51.0	76.4#
268	50.0	53.0	79.4#



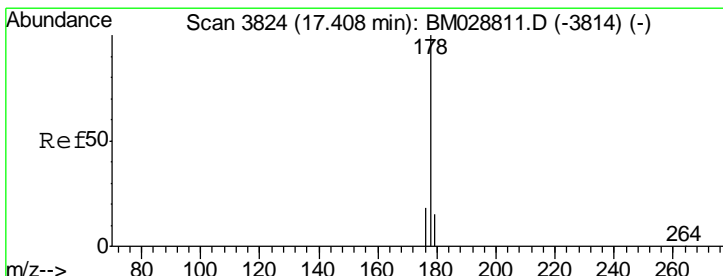
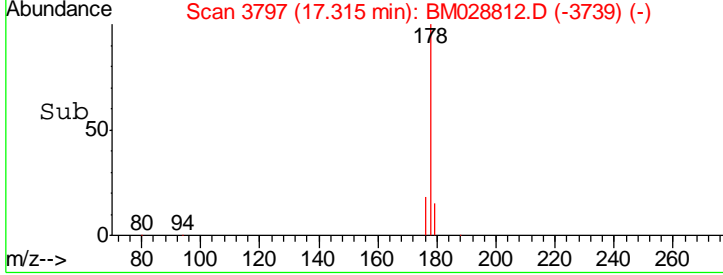
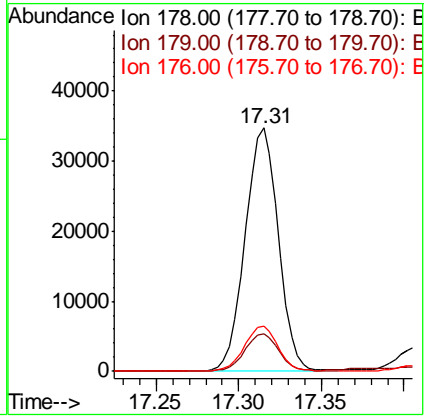
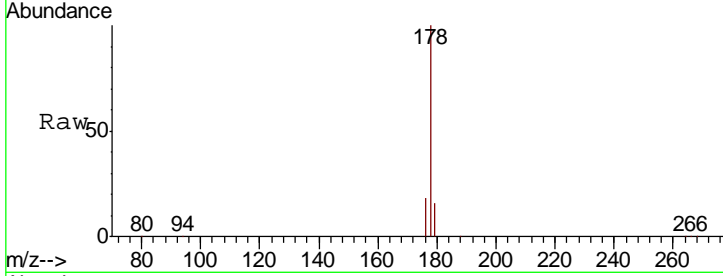


#12
 Phenanthrene
 Concen: 6.919 ng/ul
 RT: 17.31 min Scan# 3797
 Delta R.T. 0.00 min
 Lab File: BM028812.D
 Acq: 19 Feb 2021 09:18

Instrument :
 BNA_M
 ClientSampled :
 DBGY8

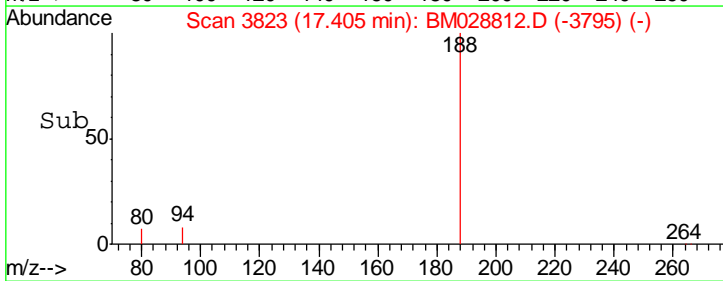
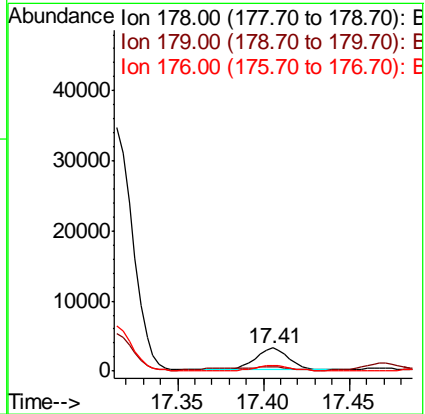
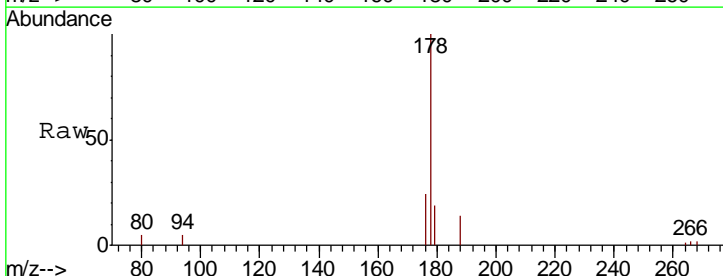
Tgt Ion	Resp	Lower	Upper
178	48272		
179	15.6	14.7	22.1
176	18.4	16.7	25.1

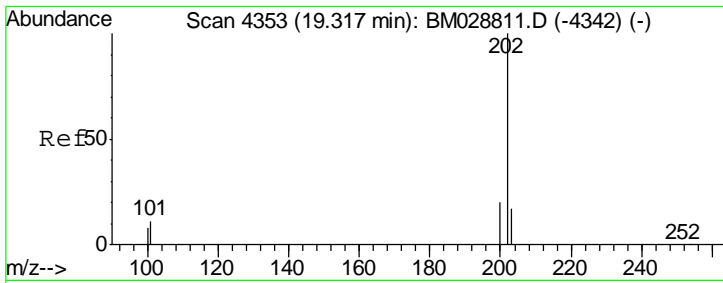
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#13
 Anthracene
 Concen: 0.657 ng/ul
 RT: 17.41 min Scan# 3823
 Delta R.T. -0.00 min
 Lab File: BM028812.D
 Acq: 19 Feb 2021 09:18

Tgt Ion	Resp	Lower	Upper
178	4368		
179	18.9	15.0	22.4
176	23.8	16.6	24.8





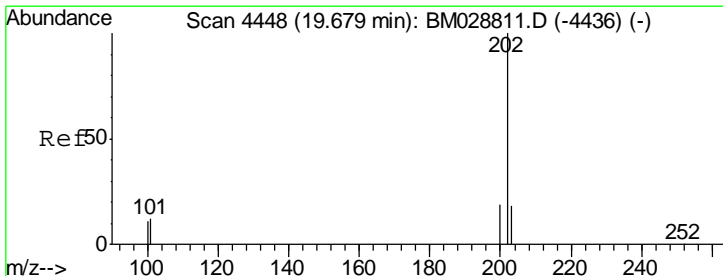
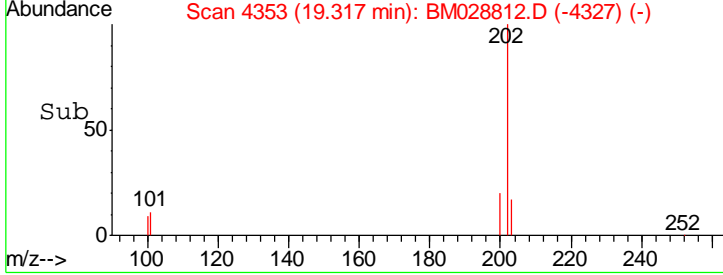
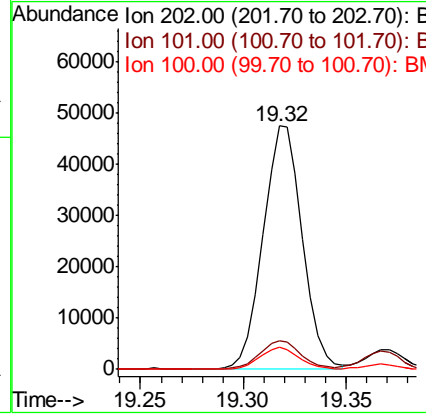
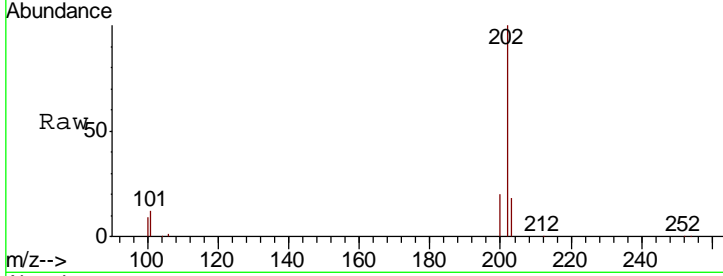
#15
 Fluoranthene
 Concen: 7.807 ng/ul
 RT: 19.32 min Scan# 4353
 Delta R.T. 0.00 min
 Lab File: BM028812.D
 Acq: 19 Feb 2021 09:18

Instrument :
 BNA_M
ClientSampled :
 DBGY8

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	34.5
100	9.1	0.0	31.7

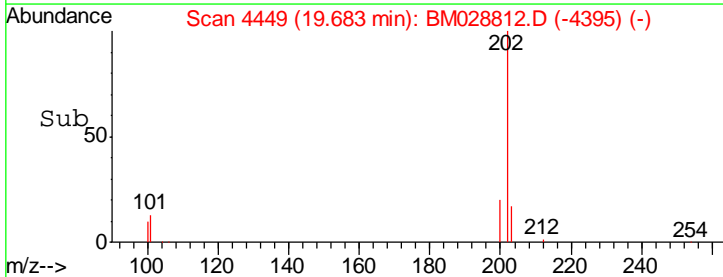
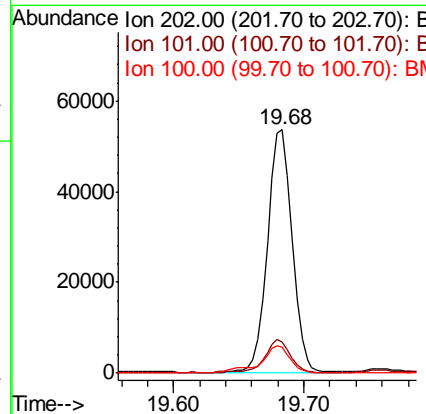
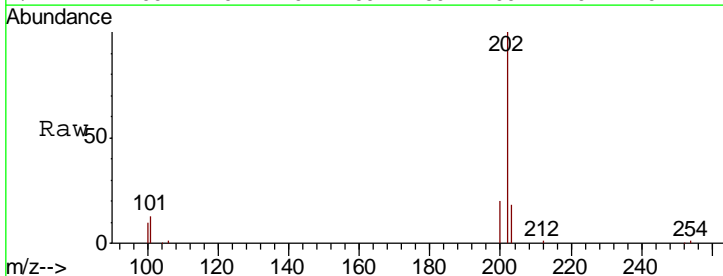
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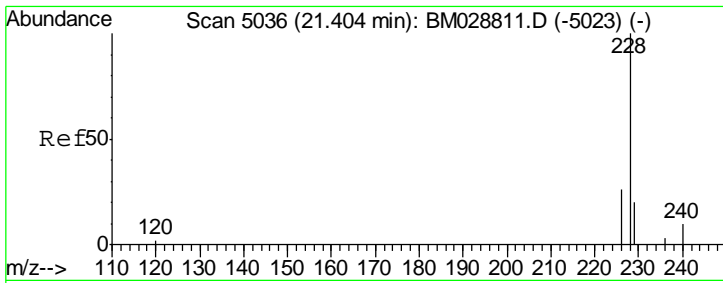
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#17
 Pyrene
 Concen: 8.930 ng/ul
 RT: 19.68 min Scan# 4449
 Delta R.T. 0.00 min
 Lab File: BM028812.D
 Acq: 19 Feb 2021 09:18

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.9	12.7	19.1
100	10.5	10.2	15.4





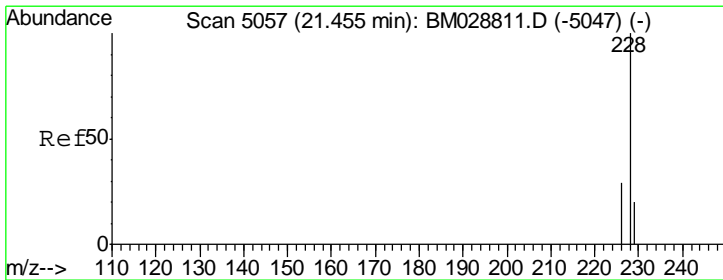
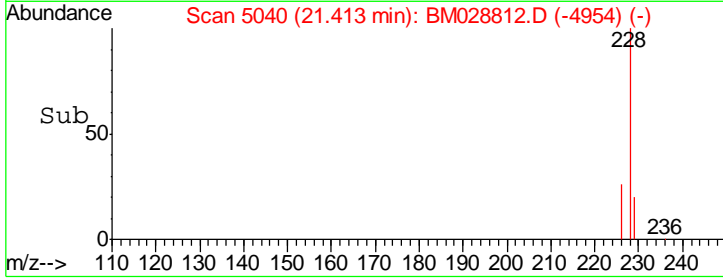
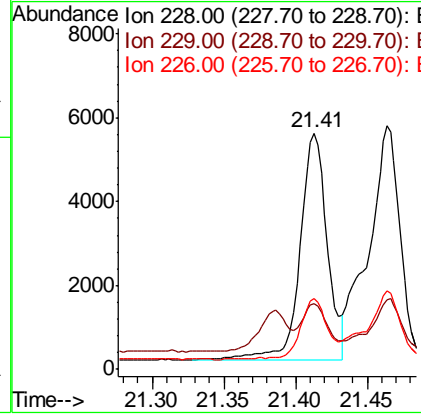
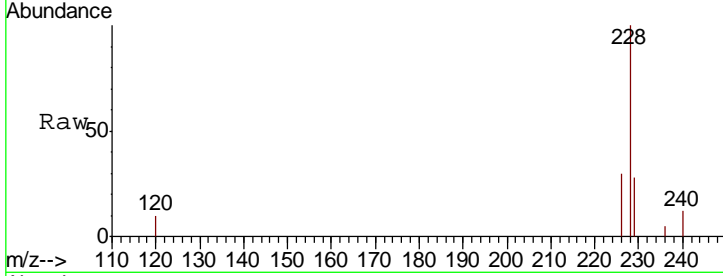
#18
 Benzo(a)anthracene
 Concen: 0.963 ng/ul
 RT: 21.41 min Scan# 5040
 Delta R.T. 0.01 min
 Lab File: BM028812.D
 Acq: 19 Feb 2021 09:18

Instrument :
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 ClientSampled :
 DBGY8

Tgt Ion	Resp	Lower	Upper
228	100		
229	28.0	18.9	28.3
226	29.9	22.6	34.0

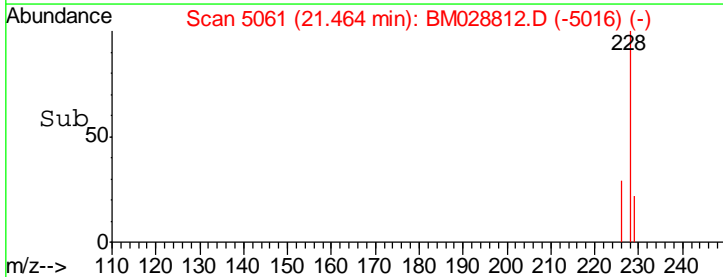
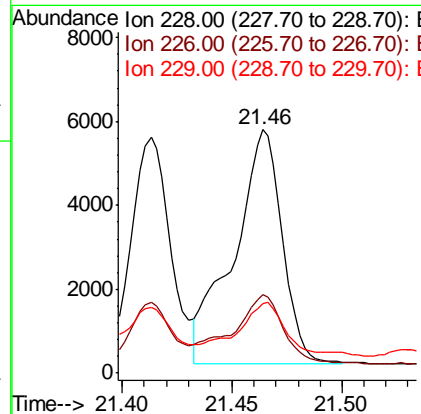
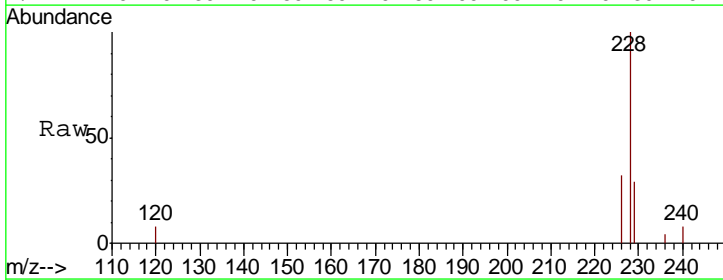
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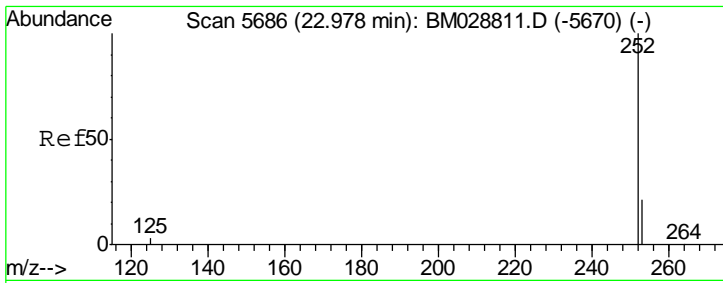
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#19
 Chrysene
 Concen: 1.171 ng/ul m
 RT: 21.46 min Scan# 5061
 Delta R.T. 0.01 min
 Lab File: BM028812.D
 Acq: 19 Feb 2021 09:18

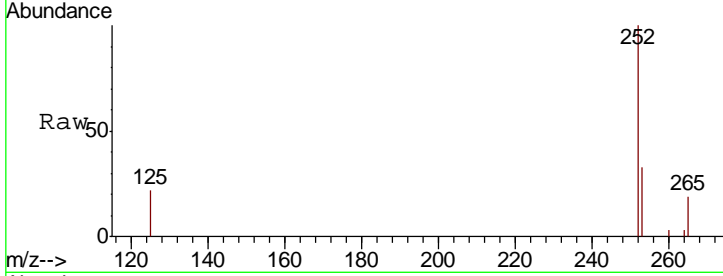
Tgt Ion	Resp	Lower	Upper
228	100		
226	32.1	24.6	37.0
229	28.8	18.8	28.2#





#21
 Benzo(b)fluoranthene
 Concen: 1.180 ng/ul m
 RT: 22.99 min Scan# 5692
 Delta R.T. 0.01 min
 Lab File: BM028812.D
 Acq: 19 Feb 2021 09:18

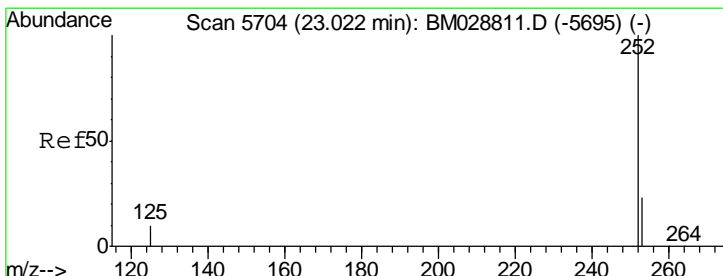
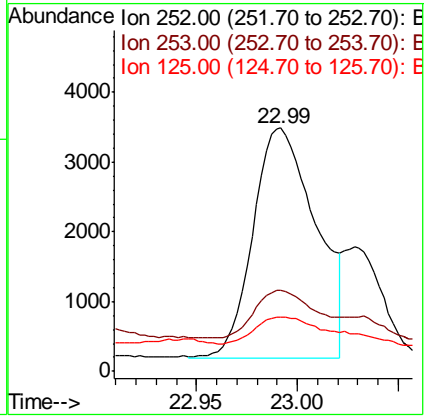
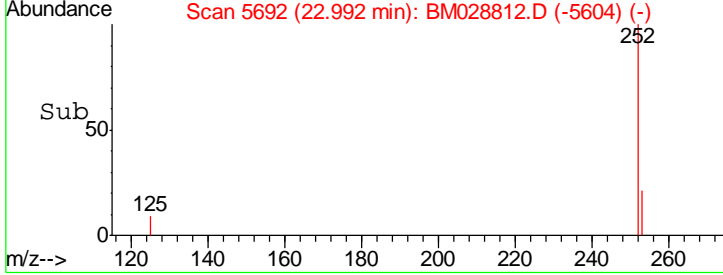
Instrument :
 BNA_M
ClientSampled :
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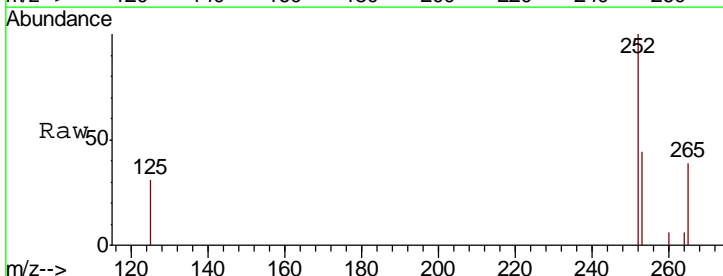
Tgt Ion: 252 Resp: 7164

Ion	Ratio	Lower	Upper
252	100		
253	33.5	0.0	67.0
125	22.1	0.0	57.4

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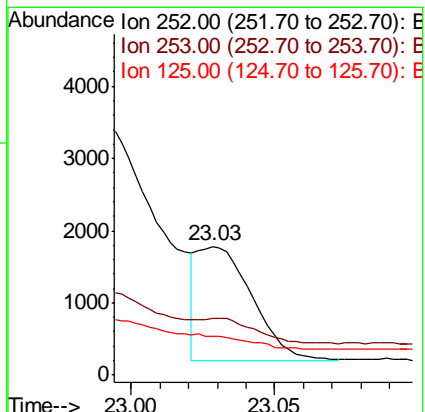
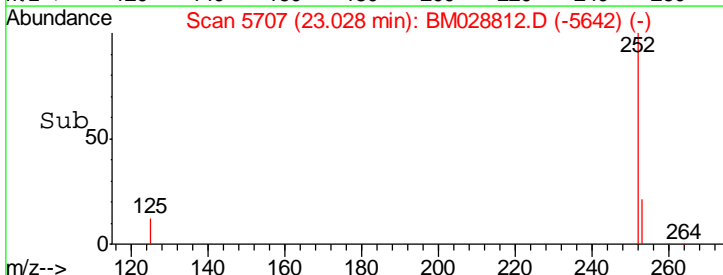


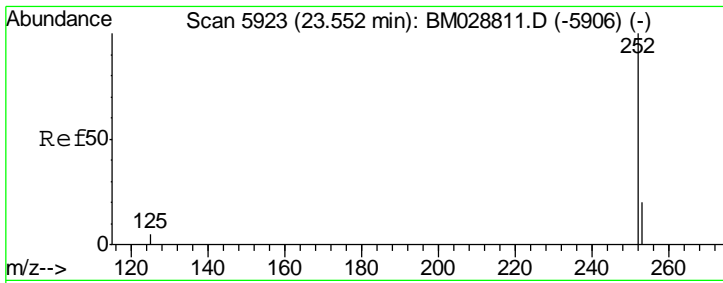
#22
 Benzo(k)fluoranthene
 Concen: 0.342 ng/ul m
 RT: 23.03 min Scan# 5707
 Delta R.T. 0.01 min
 Lab File: BM028812.D
 Acq: 19 Feb 2021 09:18



Tgt Ion: 252 Resp: 2070

Ion	Ratio	Lower	Upper
252	100		
253	43.8	26.3	39.5#
125	30.5	22.9	34.3





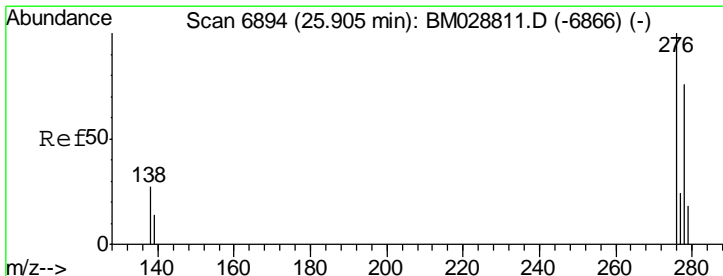
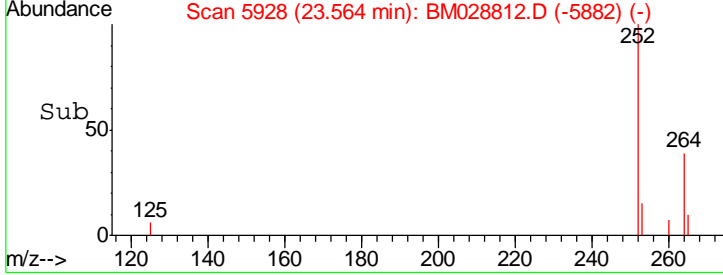
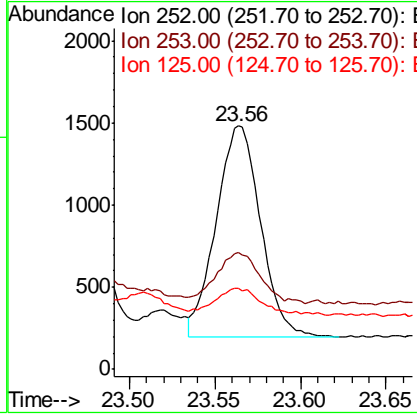
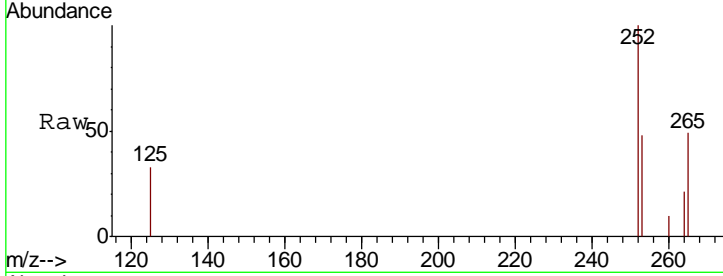
#23
 Benzo(a)pyrene
 Concen: 0.428 ng/ul
 RT: 23.56 min Scan# 5928
 Delta R.T. 0.01 min
 Lab File: BM028812.D
 Acq: 19 Feb 2021 09:18

Instrument :
 BNA_M
 ClientSampled :
 DBGY8

Tgt Ion	Resp	Lower	Upper
252	2315		
253	47.8	28.7	43.1#
125	33.1	27.9	41.9

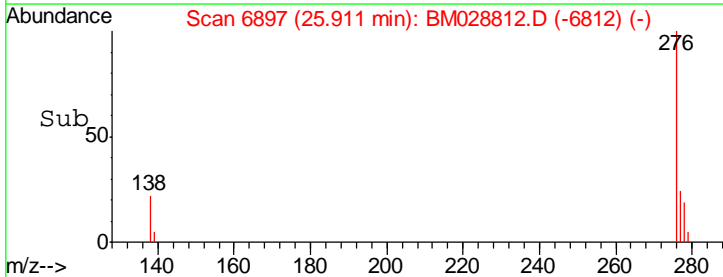
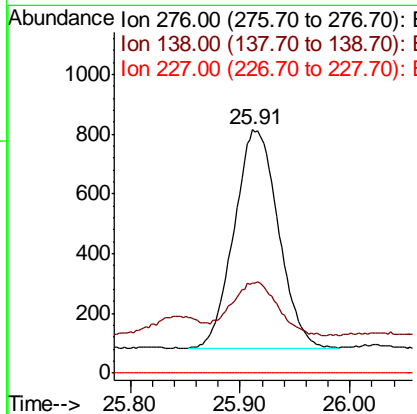
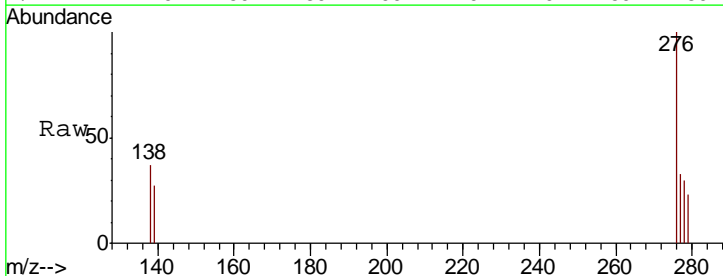
Manual Integrations
 APPROVED

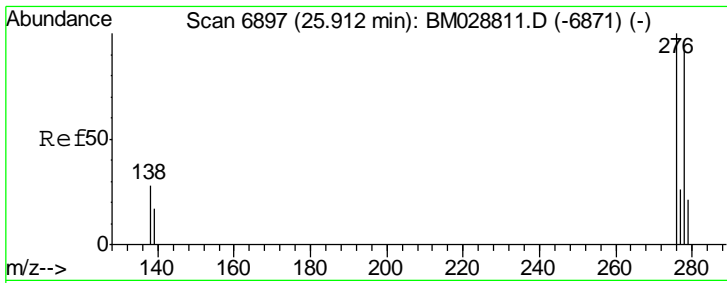
mohammad
 2/19/2021 1:20:24 PM



#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.292 ng/ul
 RT: 25.91 min Scan# 6897
 Delta R.T. 0.01 min
 Lab File: BM028812.D
 Acq: 19 Feb 2021 09:18

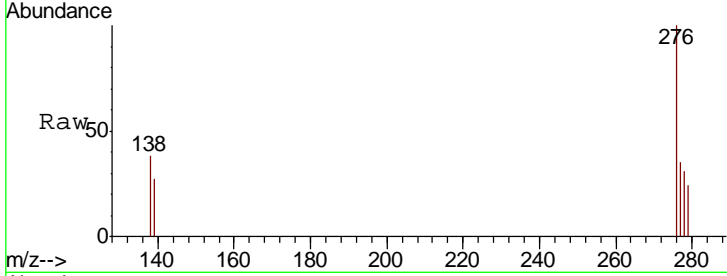
Tgt Ion	Resp	Lower	Upper
276	2057		
138	25.5	0.0	0.0#
227	0.0	0.0	0.0





#25
 Dibenzo(a,h)anthracene
 Concen: 0.104 ng/ul
 RT: 25.92 min Scan# 6899
 Delta R.T. 0.00 min
 Lab File: BM028812.D
 Acq: 19 Feb 2021 09:18

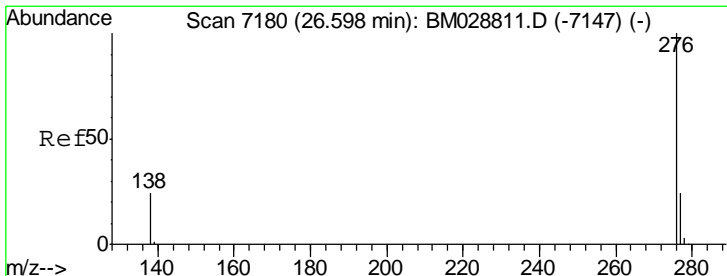
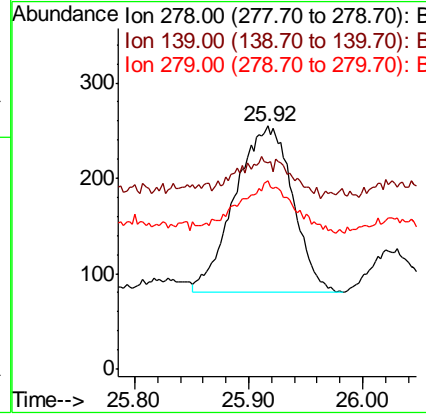
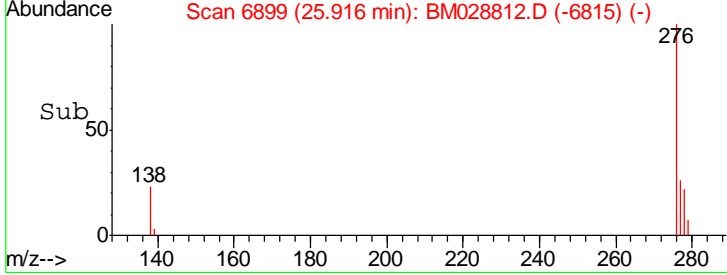
Instrument :
 BNA_M
ClientSampled :
 DBGY8



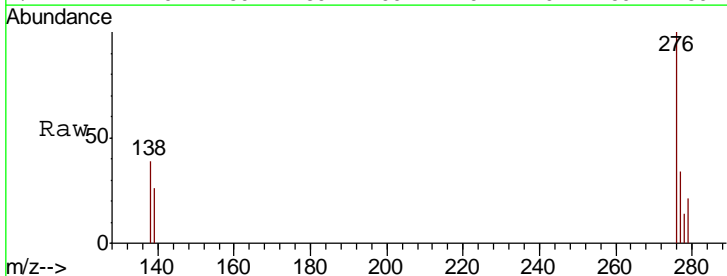
Tgt Ion	Resp	Lower	Upper
278	617		
278	100		
139	84.7	24.9	37.3#
279	77.3	28.3	42.5#

Manual Integrations
APPROVED

mohammad
 2/19/2021 1:20:24 PM



#26
 Benzo(g,h,i)perylene
 Concen: 0.308 ng/ul
 RT: 26.61 min Scan# 7185
 Delta R.T. 0.01 min
 Lab File: BM028812.D
 Acq: 19 Feb 2021 09:18



Tgt Ion	Resp	Lower	Upper
276	1807		
276	100		
138	38.7	25.4	38.2#
277	34.1	25.3	37.9

