

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022820\  
 Data File : BM025141.D  
 Acq On : 28 Feb 2020 19:57  
 Operator : CG/JU  
 Sample : L1507-07  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

**Instrument :**  
 BNA\_M  
**ClientSampleId :**  
 DBD05

**Manual Integrations**  
**APPROVED**  
 Sohil  
 3/3/2020 8:38:40 AM

Quant Time: Feb 29 05:31:03 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 : Sat Feb 29 04:43:59 2020  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	2635	0.40	ng/ul	0.00
2) Naphthalene-d8	10.46	136	9802	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.31	164	6070	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.06	188	13995	0.40	ng/ul	0.00
16) Chrysene-d12	21.24	240	14170	0.40	ng/ul	0.00
20) Perylene-d12	23.44	264	15191	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.05	152	280	0.02	ng/ul	0.00
14) Fluoranthene-d10	19.08	212	731	0.02	ng/ul	0.00
Target Compounds						
12) Phenanthrene	17.09	178	1267	0.026	ng/ul#	89
15) Fluoranthene	19.11	202	9616	0.134	ng/ul	98
17) Pyrene	19.48	202	9020	0.141	ng/ul	97
18) Benzo(a)anthracene	21.22	228	13011	0.213	ng/ul	99
19) Chrysene	21.27	228	11919m	0.196	ng/ul	
21) Benzo(b)fluoranthene	22.78	252	12216m	0.205	ng/ul	
22) Benzo(k)fluoranthene	22.82	252	4422m	0.075	ng/ul	
23) Benzo(a)pyrene	23.34	252	4158	0.076	ng/ul#	87
24) Indeno(1,2,3-cd)pyrene	25.62	276	2064	0.030	ng/ul#	100
26) Benzo(g,h,i)perylene	26.29	276	1202	0.021	ng/ul#	79

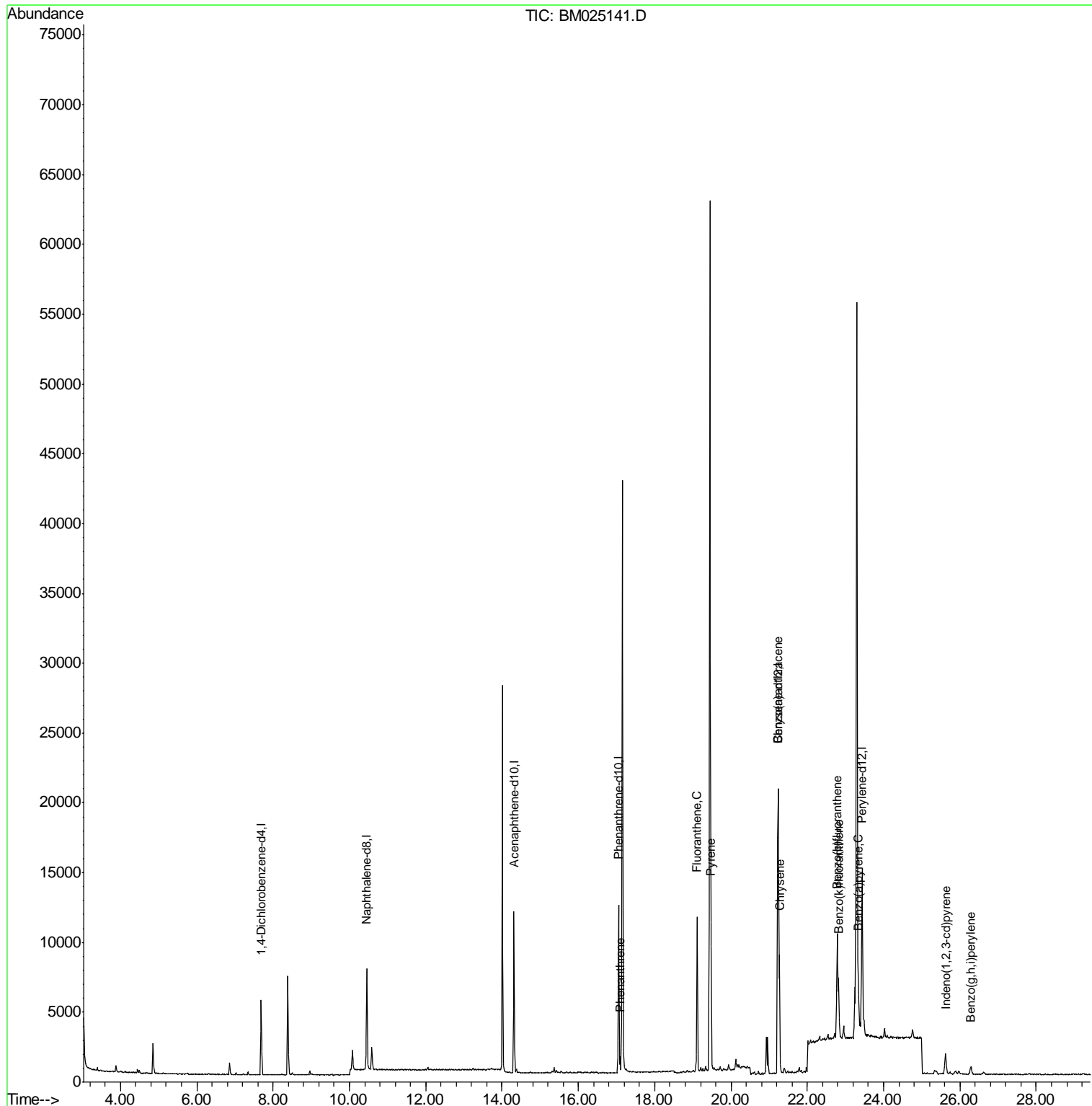
(#) = qualifier out of range (m) = manual integration (+) = signals summed

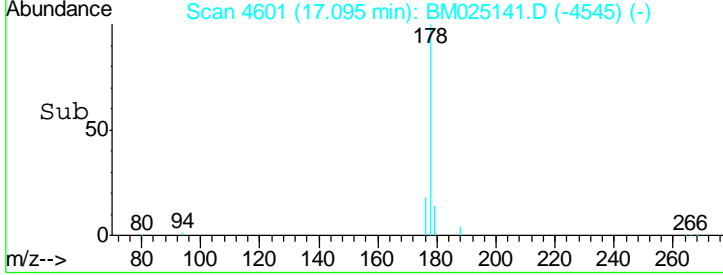
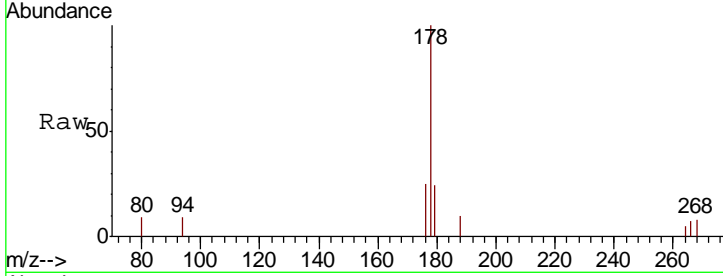
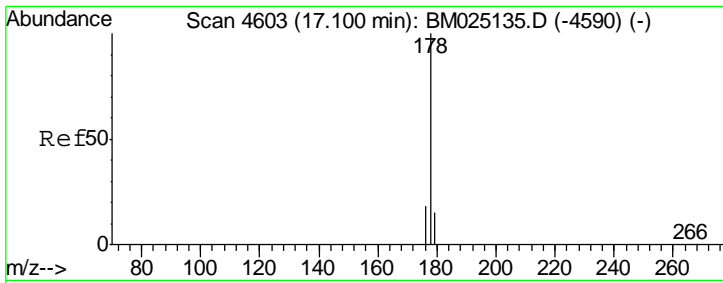
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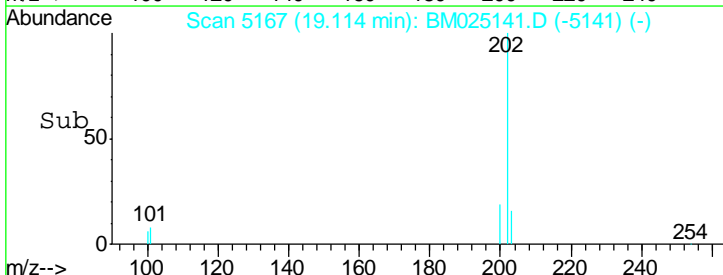
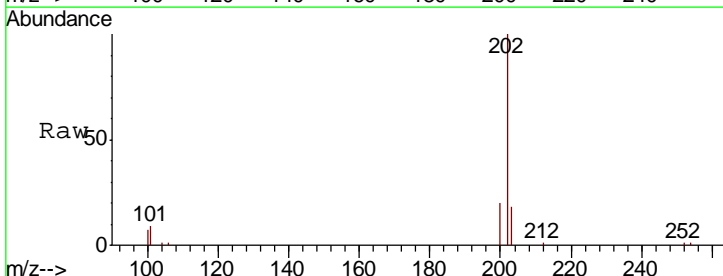
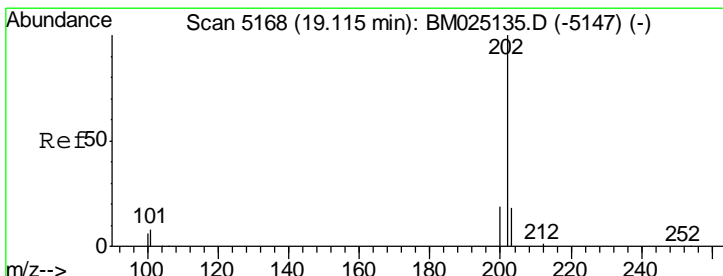
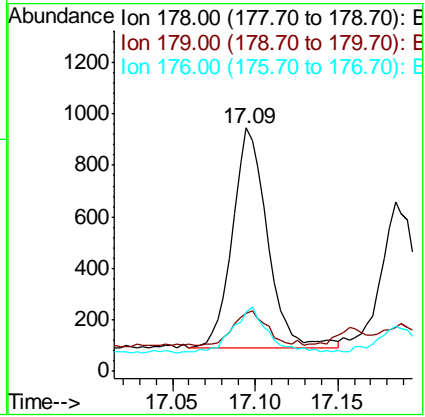


#12  
 Phenanthrene  
 Concen: 0.026 ng/ul  
 RT: 17.09 min Scan# 4601  
 Delta R.T. -0.01 min  
 Lab File: BM025141.D  
 Acq: 28 Feb 2020 19:57

Tgt Ion	Resp	Lower	Upper
178	100		
179	23.7	14.0	21.0#
176	24.6	16.6	24.8

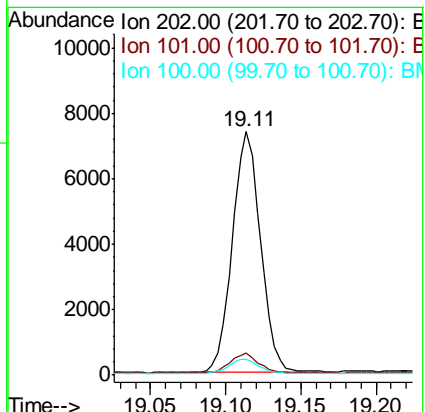
**Instrument :**  
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**ClientSampled :**  
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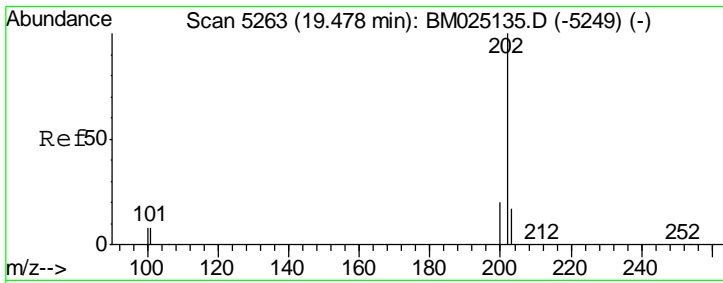
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#15  
 Fluoranthene  
 Concen: 0.134 ng/ul  
 RT: 19.11 min Scan# 5167  
 Delta R.T. -0.00 min  
 Lab File: BM025141.D  
 Acq: 28 Feb 2020 19:57

Tgt Ion	Resp	Lower	Upper
202	100		
101	9.1	0.0	29.4
100	6.6	0.0	28.0





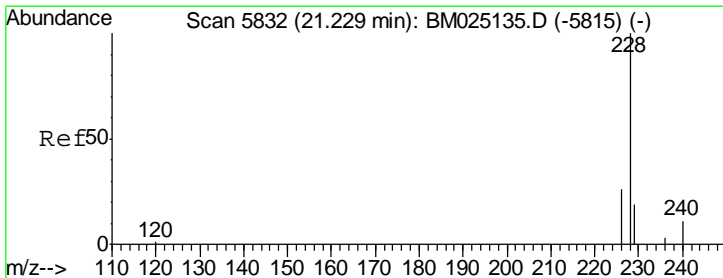
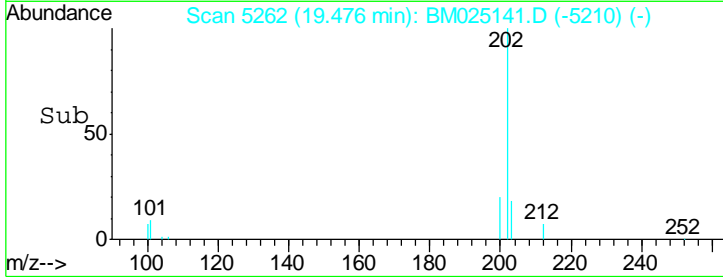
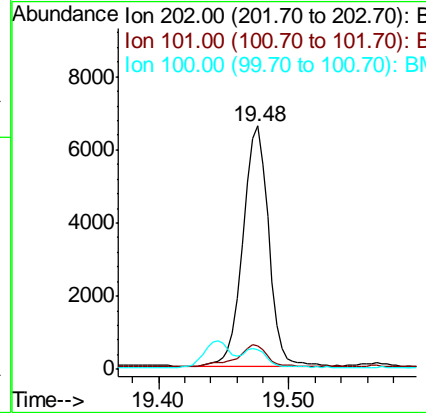
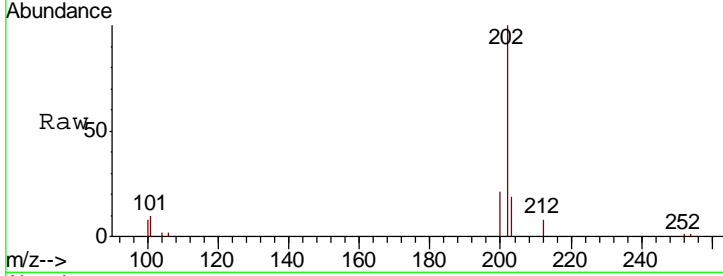
#17  
 Pyrene  
 Concen: 0.141 ng/ul  
 RT: 19.48 min Scan# 5262  
 Delta R.T. -0.00 min  
 Lab File: BM025141.D  
 Acq: 28 Feb 2020 19:57

Instrument :  
 BNA\_M  
 ClientSampled :  
 DBD05

Tgt Ion	Resp	Lower	Upper
202	9020		
101	100	8.7	13.1
100	8.0	7.3	10.9

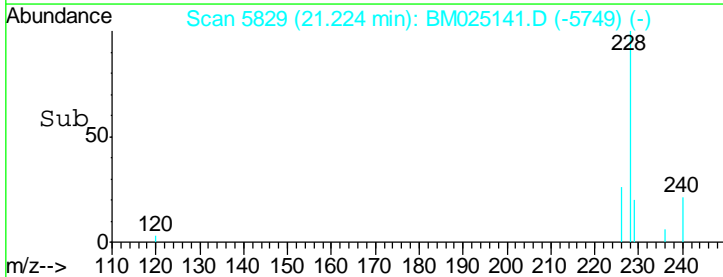
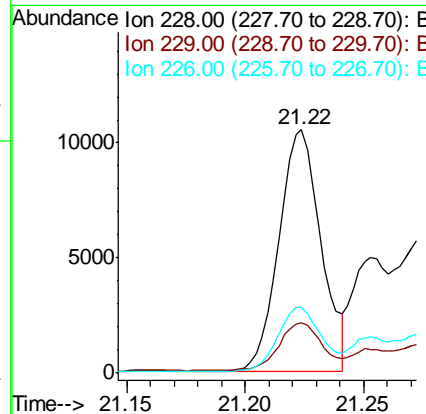
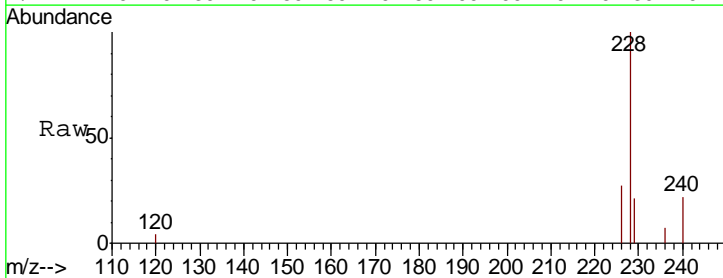
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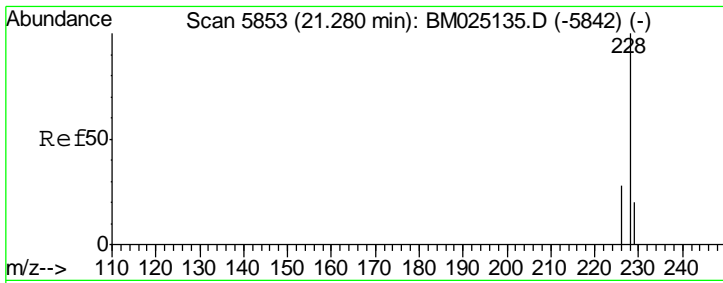
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#18  
 Benzo(a)anthracene  
 Concen: 0.213 ng/ul  
 RT: 21.22 min Scan# 5829  
 Delta R.T. -0.01 min  
 Lab File: BM025141.D  
 Acq: 28 Feb 2020 19:57

Tgt Ion	Resp	Lower	Upper
228	13011		
229	100	16.6	25.0
226	27.1	21.9	32.9



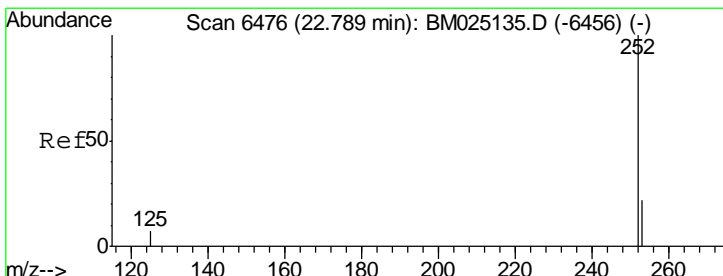
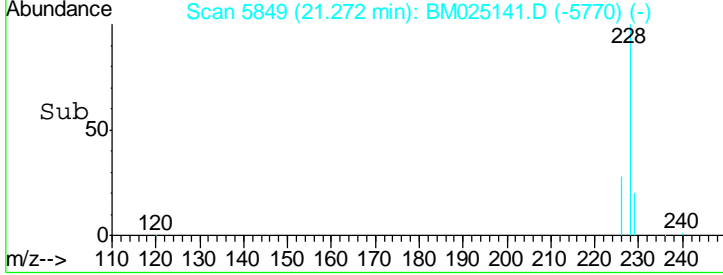
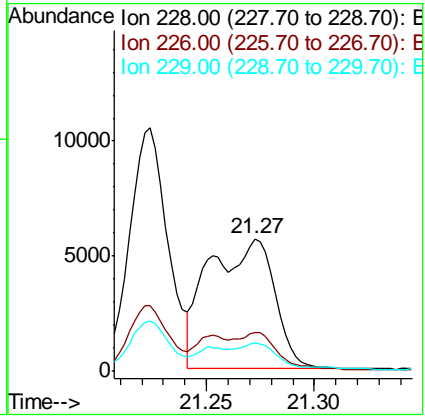
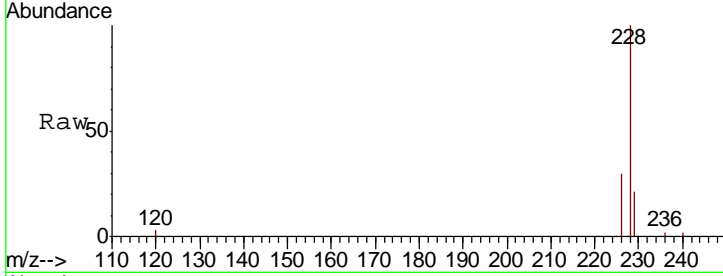


#19  
 Chrysene  
 Concen: 0.196 ng/ul m  
 RT: 21.27 min Scan# 5849  
 Delta R.T. -0.01 min  
 Lab File: BM025141.D  
 Acq: 28 Feb 2020 19:57

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 BNA\_M  
**ClientSampled :**  
 DBD05

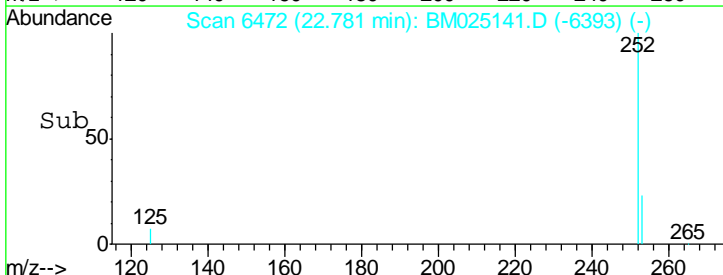
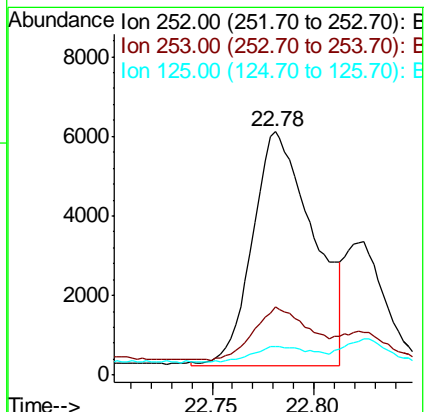
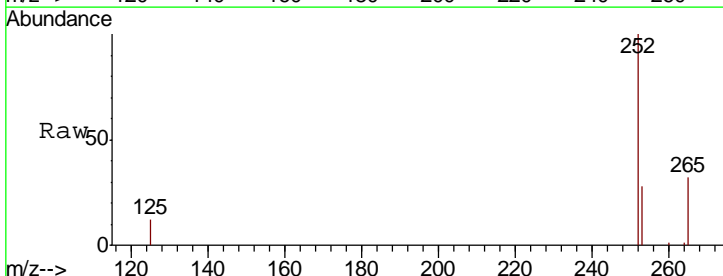
Tgt Ion	Resp	Lower	Upper
228	11919		
226	29.5	23.8	35.8
229	21.3	16.9	25.3

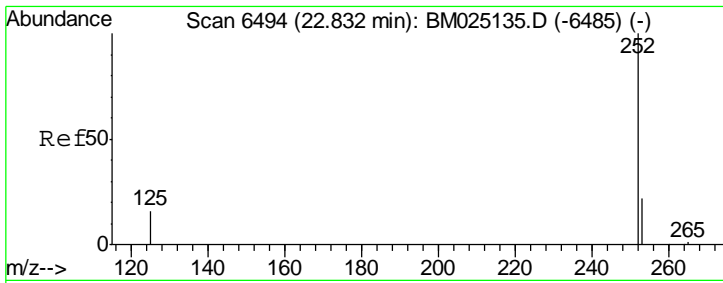
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#21  
 Benzo(b)fluoranthene  
 Concen: 0.205 ng/ul m  
 RT: 22.78 min Scan# 6472  
 Delta R.T. -0.01 min  
 Lab File: BM025141.D  
 Acq: 28 Feb 2020 19:57

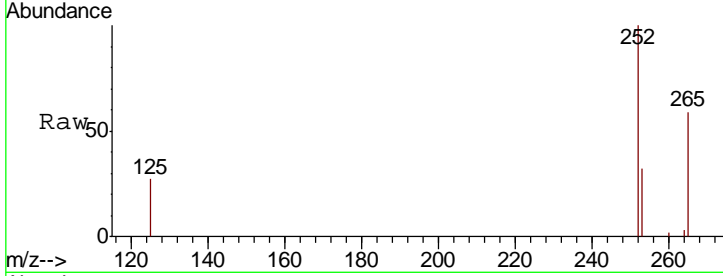
Tgt Ion	Resp	Lower	Upper
252	12216		
253	27.9	0.0	49.8
125	11.9	0.0	28.6





#22  
 Benzo(k)fluoranthene  
 Concen: 0.075 ng/ul m  
 RT: 22.82 min Scan# 6490  
 Delta R.T. -0.01 min  
 Lab File: BM025141.D  
 Acq: 28 Feb 2020 19:57

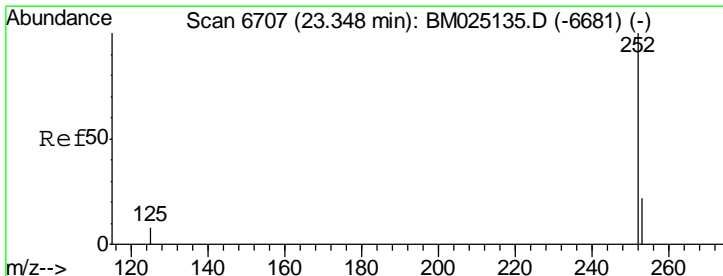
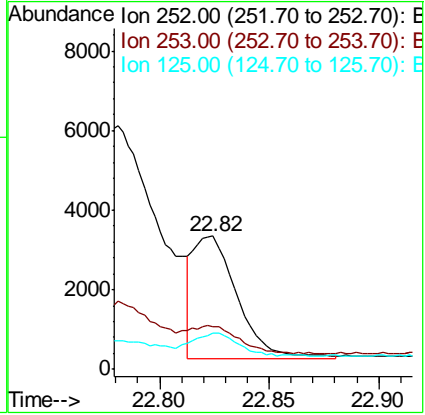
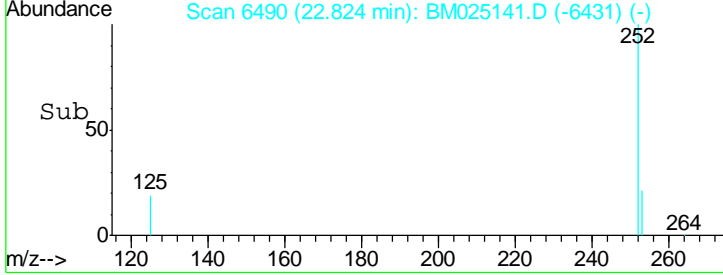
Instrument :  
 BNA\_M  
 ClientSampled :  
 DBD05



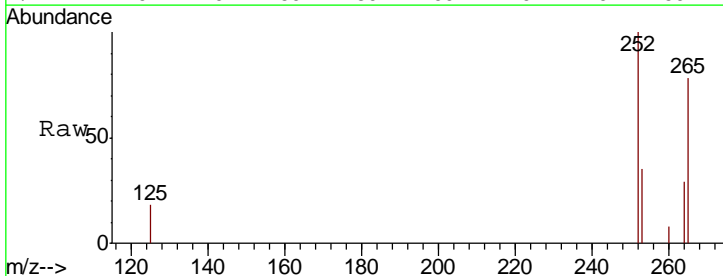
Tgt Ion	Resp	Lower	Upper
252	4422		
252	100		
253	32.1	19.4	29.0#
125	27.2	10.7	16.1#

Manual Integrations  
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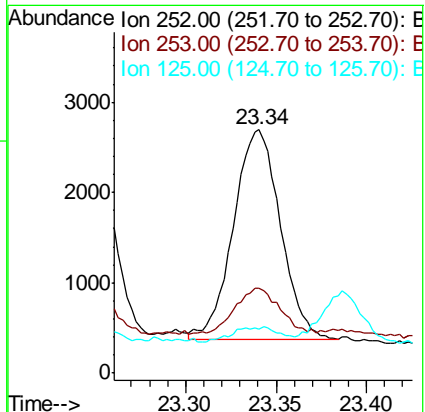
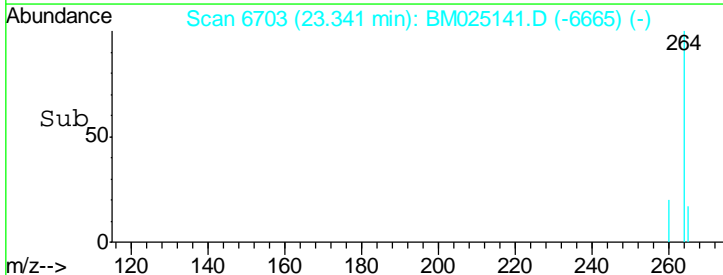
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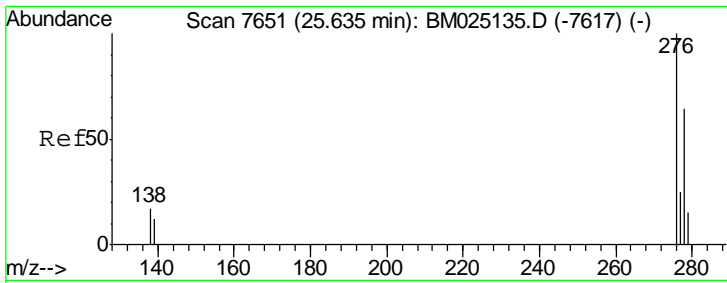


#23  
 Benzo(a)pyrene  
 Concen: 0.076 ng/ul  
 RT: 23.34 min Scan# 6703  
 Delta R.T. -0.01 min  
 Lab File: BM025141.D  
 Acq: 28 Feb 2020 19:57



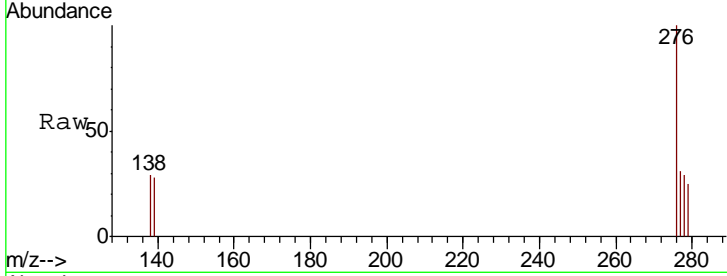
Tgt Ion	Resp	Lower	Upper
252	4158		
252	100		
253	34.8	20.3	30.5#
125	18.2	13.0	19.4





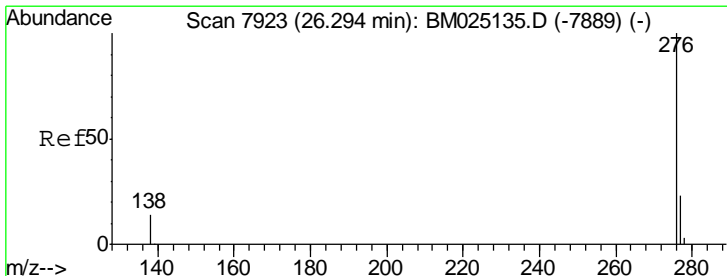
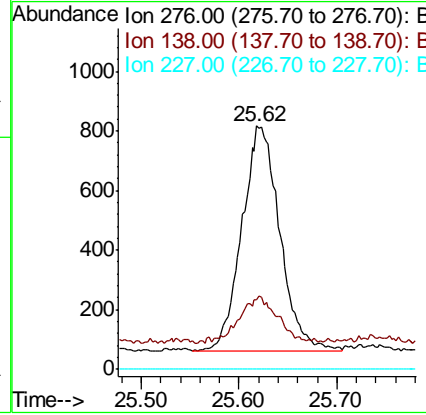
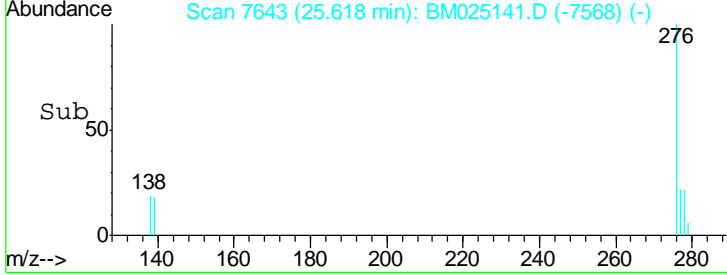
#24  
 Indeno(1,2,3-cd)pyrene  
 Concen: 0.030 ng/ul  
 RT: 25.62 min Scan# 7643  
 Delta R.T. -0.02 min  
 Lab File: BM025141.D  
 Acq: 28 Feb 2020 19:57

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 DBD05

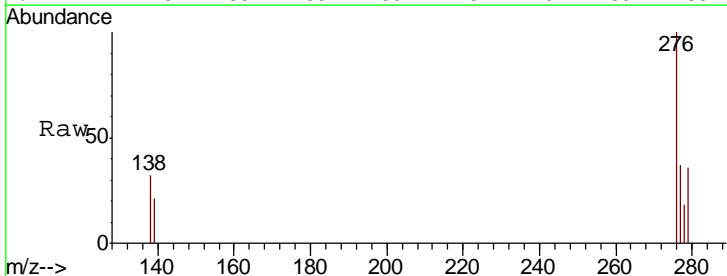


Tgt Ion	Resp	Lower	Upper
276	100		
138	19.5	0.0	0.0#
227	0.0	0.0	0.0

Manual Integrations  
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#26  
 Benzo(g,h,i)perylene  
 Concen: 0.021 ng/ul  
 RT: 26.29 min Scan# 7919  
 Delta R.T. -0.01 min  
 Lab File: BM025141.D  
 Acq: 28 Feb 2020 19:57



Tgt Ion	Resp	Lower	Upper
276	100		
138	32.5	17.9	26.9#
277	36.6	20.5	30.7#

