

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080221\
 Data File : BM031428.D
 Acq On : 04 Aug 2021 01:52
 Operator : CG/JU
 Sample : M3122-09
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGEP3

Manual Integrations
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Quant Time: Aug 04 02:38:48 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 03 13:47:07 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.594	152	941	0.400	ng/ul	0.00
4) Naphthalene-d8	10.356	136	3631	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.227	164	2226	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.975	188	4217	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.164	240	3285	0.400	ng/ul	# 0.00
23) Perylene-d12	23.321	264	3210	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.192	96	3347	3.203	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.953	152	1302	0.213	ng/ul	0.00
18) Fluoranthene-d10	19.005	212	2628	0.240	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.406	128	290	0.027	ng/ul#	50
10) Acenaphthylene	13.945	152	1572	0.166	ng/ul	95
12) Fluorene	15.281	166	184	0.020	ng/ul#	88
15) Phenanthrene	17.016	178	1763	0.132	ng/ul	96
16) Anthracene	17.107	178	2373	0.189	ng/ul	95
19) Fluoranthene	19.035	202	10459	0.746	ng/ul	98
20) Pyrene	19.397	202	6566m	0.462	ng/ul	
21) Benzo(a)anthracene	21.149	228	7337	0.553	ng/ul	95
22) Chrysene	21.200	228	6451	0.470	ng/ul	98
24) Benzo(b)fluoranthene	22.682	252	8395m	0.580	ng/ul	
25) Benzo(k)fluoranthene	22.723	252	2991m	0.200	ng/ul	
26) Benzo(a)pyrene	23.229	252	2601	0.205	ng/ul#	74
27) Indeno(1,2,3-cd)pyrene	25.461	276	2163	0.132	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.468	278	937	0.071	ng/ul#	45

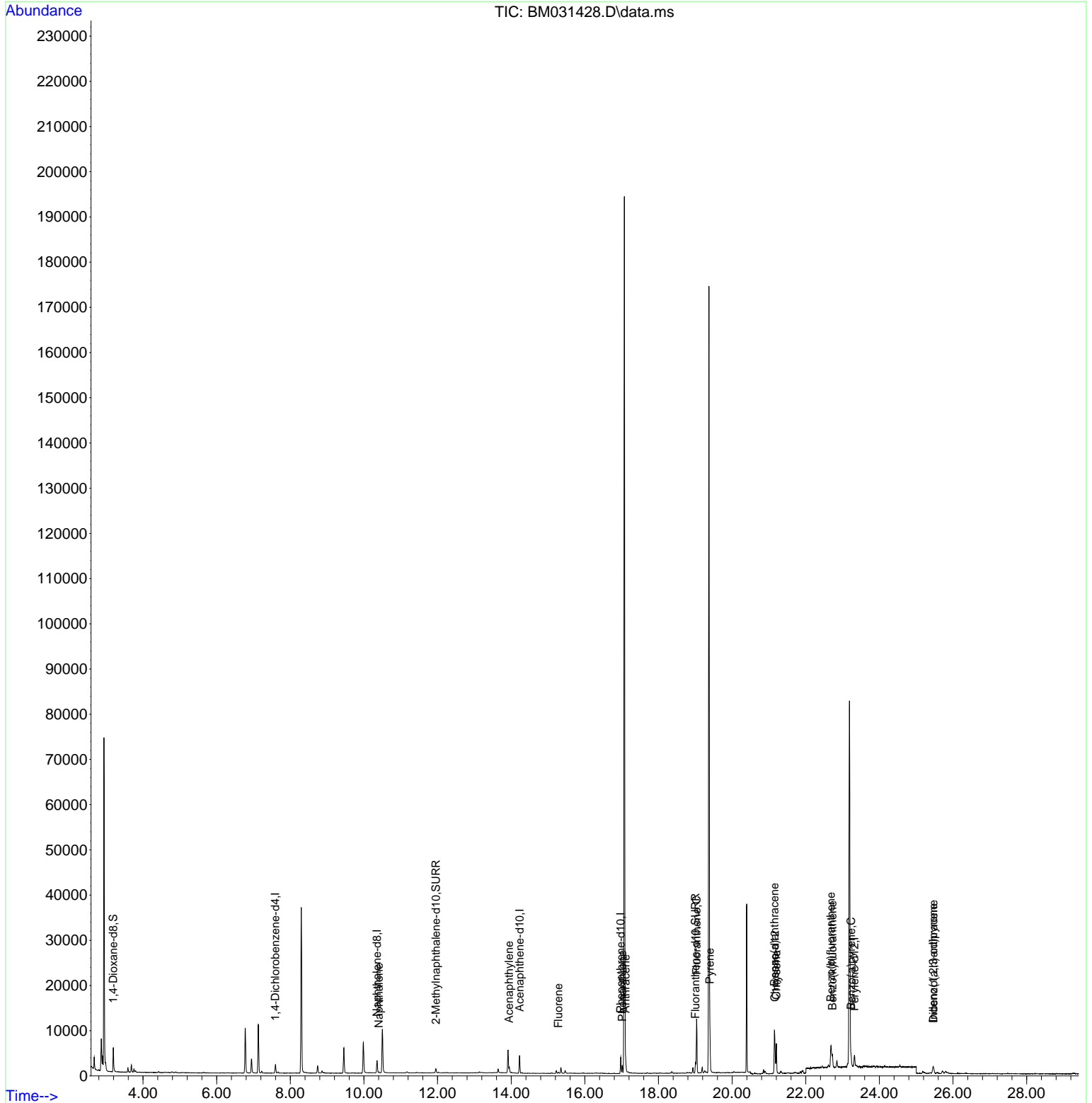
(#) = qualifier out of range (m) = manual integration (+) = signals summed

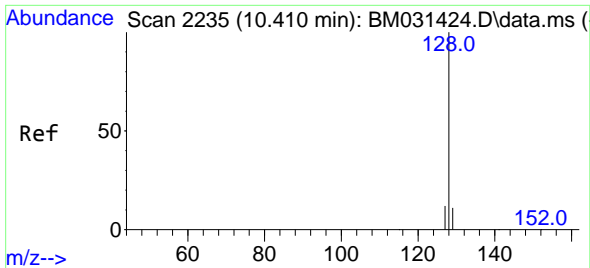
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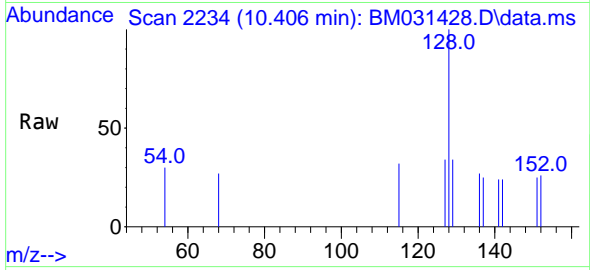
Quant Time: Aug 04 02:38:48 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#5
 Naphthalene
 Concen: 0.027 ng/u1
 RT: 10.406 min Scan# 2234
 Delta R.T. -0.003 min
 Lab File: BM031428.D
 Acq: 04 Aug 2021 01:52

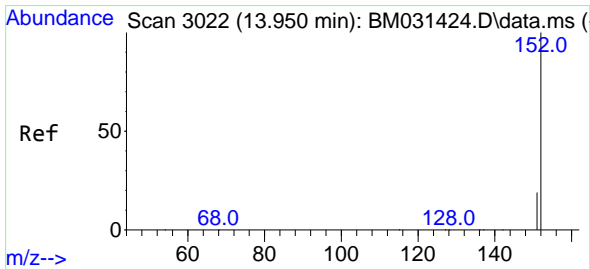
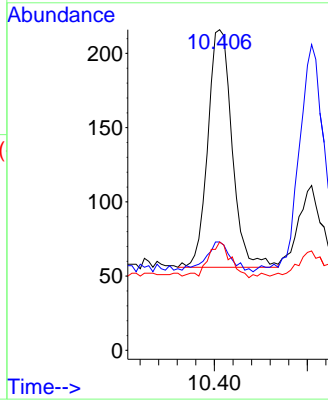
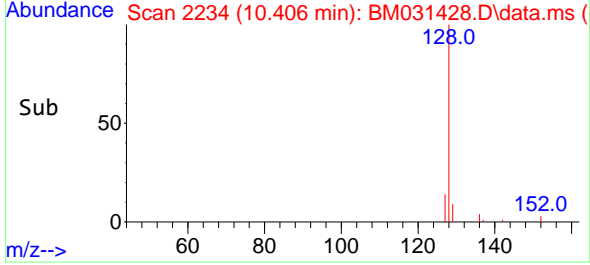
Instrument :
 BNA_M
 ClientSampled :
 BGEP3



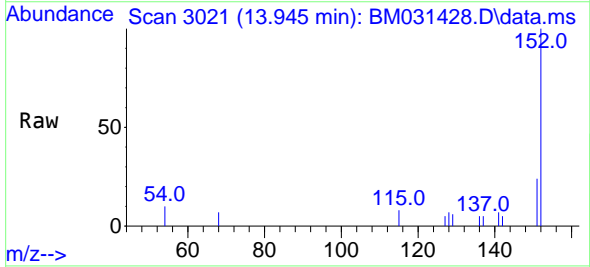
Tgt Ion:128 Resp: 290
 Ion Ratio Lower Upper
 128 100
 129 33.8 10.0 15.0#
 127 33.8 11.6 17.4#

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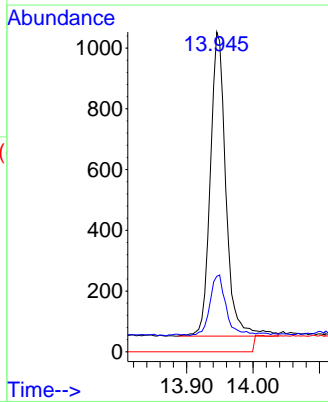
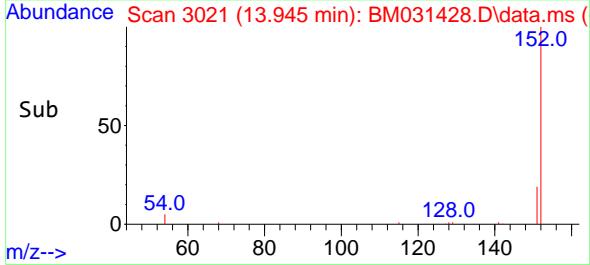
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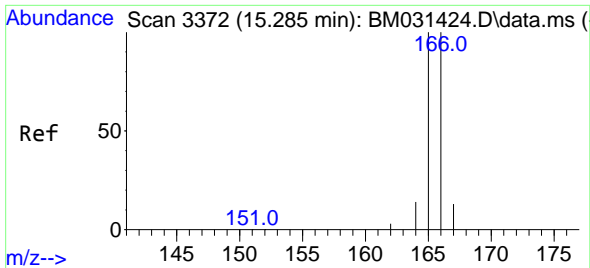


#10
 Acenaphthylene
 Concen: 0.166 ng/u1
 RT: 13.945 min Scan# 3021
 Delta R.T. -0.003 min
 Lab File: BM031428.D
 Acq: 04 Aug 2021 01:52



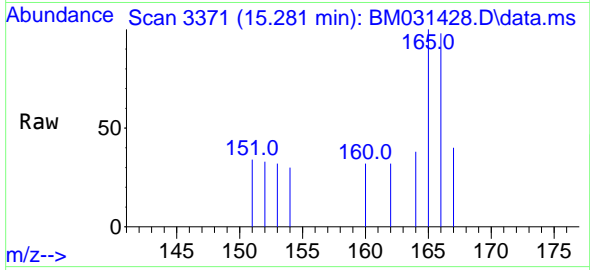
Tgt Ion:152 Resp: 1572
 Ion Ratio Lower Upper
 152 100
 151 23.6 16.9 25.3
 153 0.0 0.0 0.0





#12
 Fluorene
 Concen: 0.020 ng/u1
 RT: 15.281 min Scan# 3371
 Delta R.T. -0.003 min
 Lab File: BM031428.D
 Acq: 04 Aug 2021 01:52

Instrument :
 BNA_M
 ClientSampled :
 BGEP3

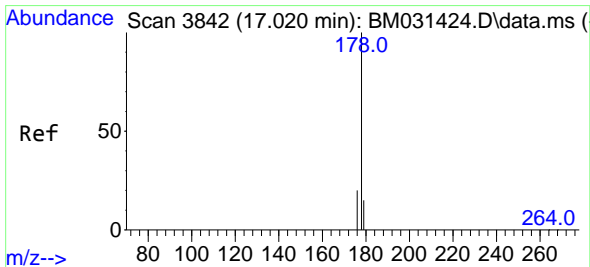
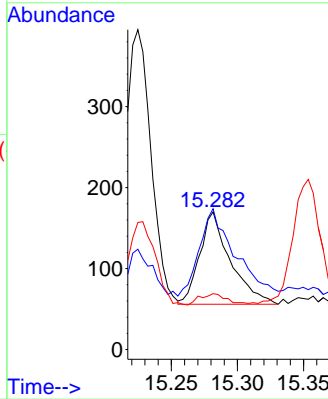
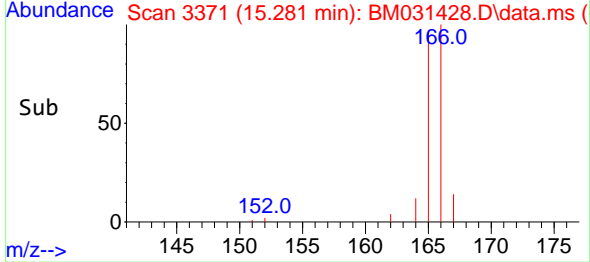


Tgt Ion:166 Resp: 184

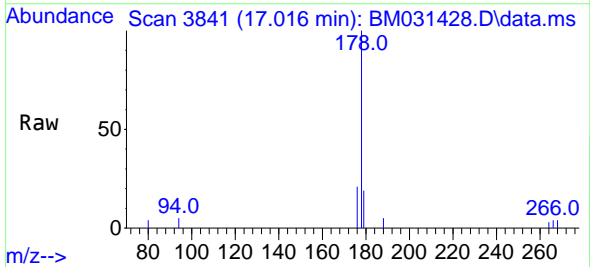
Ion	Ratio	Lower	Upper
166	100		
165	102.4	78.0	117.0
167	40.6	12.0	18.0#

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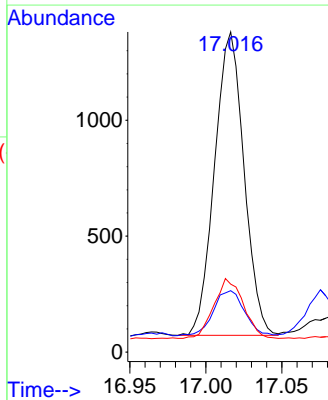
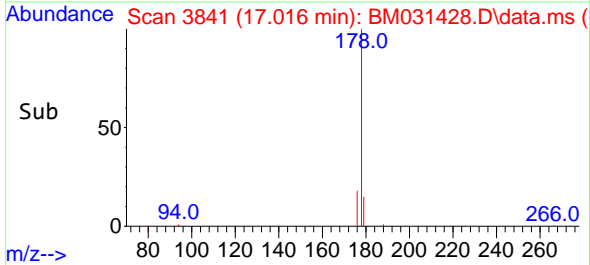


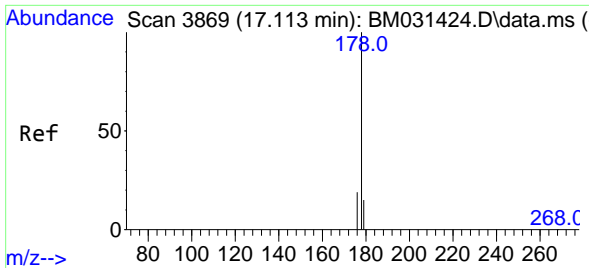
#15
 Phenanthrene
 Concen: 0.132 ng/u1
 RT: 17.016 min Scan# 3841
 Delta R.T. -0.003 min
 Lab File: BM031428.D
 Acq: 04 Aug 2021 01:52



Tgt Ion:178 Resp: 1763

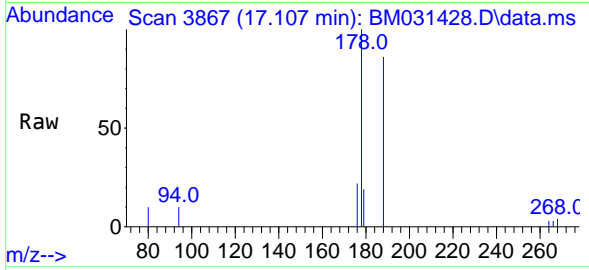
Ion	Ratio	Lower	Upper
178	100		
179	19.2	13.3	19.9
176	21.2	16.2	24.4





#16
 Anthracene
 Concen: 0.189 ng/u1
 RT: 17.107 min Scan# 3867
 Delta R.T. -0.007 min
 Lab File: BM031428.D
 Acq: 04 Aug 2021 01:52

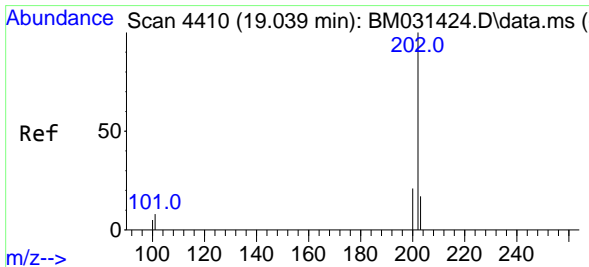
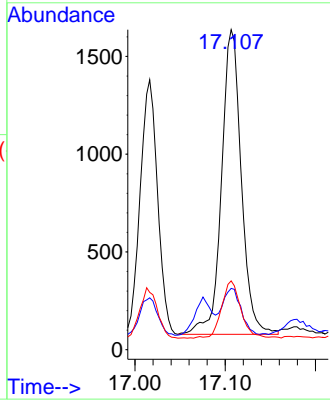
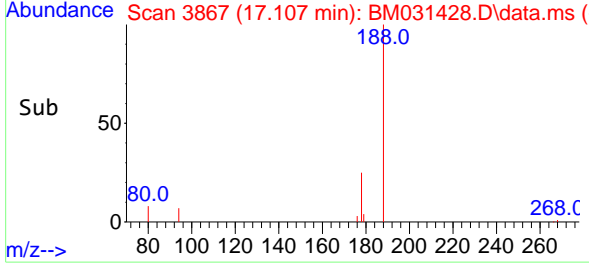
Instrument :
 BNA_M
ClientSampled :
 BGEP3



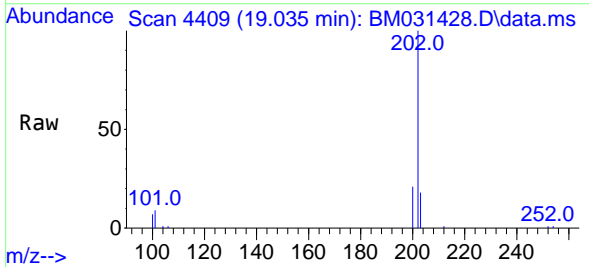
Tgt Ion:178 Resp: 2373

Ion	Ratio	Lower	Upper
178	100		
179	19.2	13.0	19.6
176	21.5	15.6	23.4

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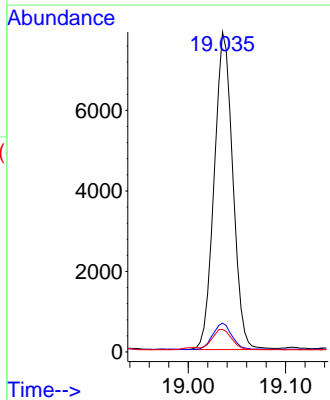
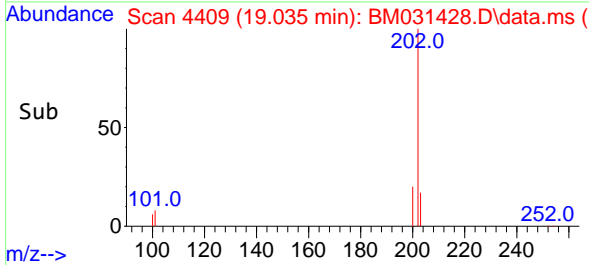


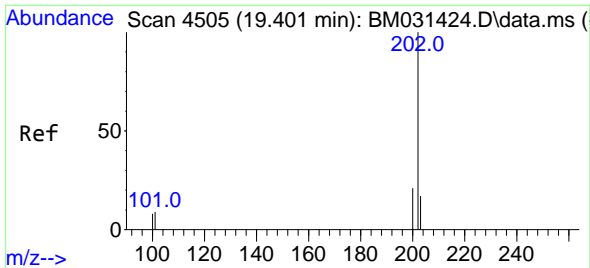
#19
 Fluoranthene
 Concen: 0.746 ng/u1
 RT: 19.035 min Scan# 4409
 Delta R.T. -0.007 min
 Lab File: BM031428.D
 Acq: 04 Aug 2021 01:52



Tgt Ion:202 Resp: 10459

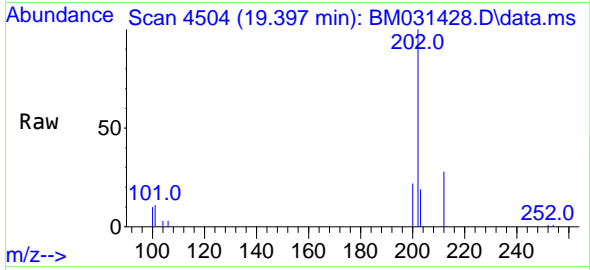
Ion	Ratio	Lower	Upper
202	100		
101	9.0	6.6	10.0
100	7.0	5.4	8.0





#20
 Pyrene
 Concen: 0.462 ng/ul m
 RT: 19.397 min Scan# 4504
 Delta R.T. -0.007 min
 Lab File: BM031428.D
 Acq: 04 Aug 2021 01:52

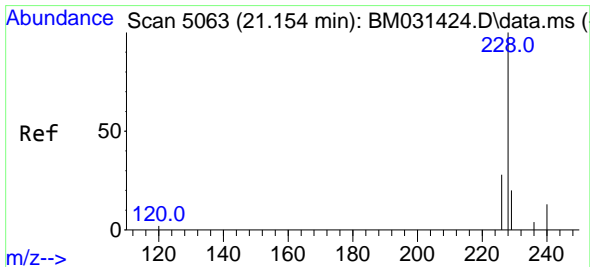
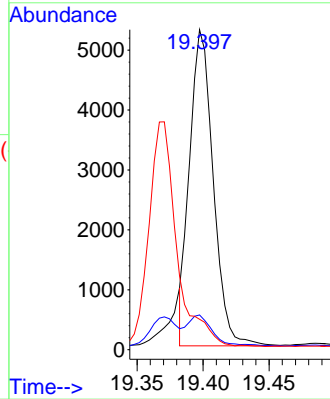
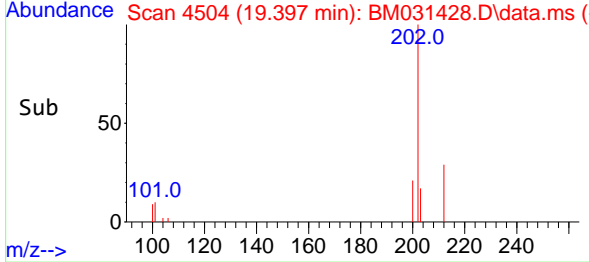
Instrument :
 BNA_M
 ClientSampled :
 BGEP3



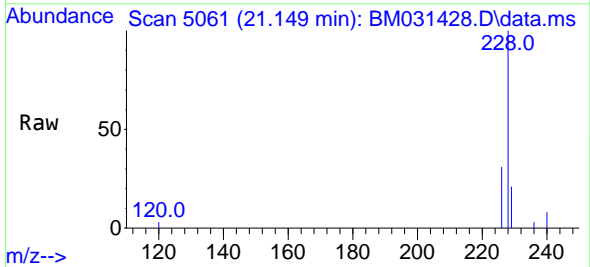
Tgt Ion:202 Resp: 6566
 Ion Ratio Lower Upper
 202 100
 101 10.9 7.8 11.6
 100 9.5 6.6 10.0

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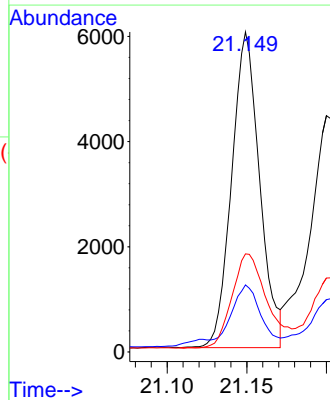
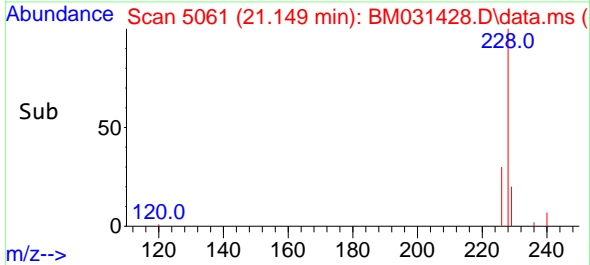
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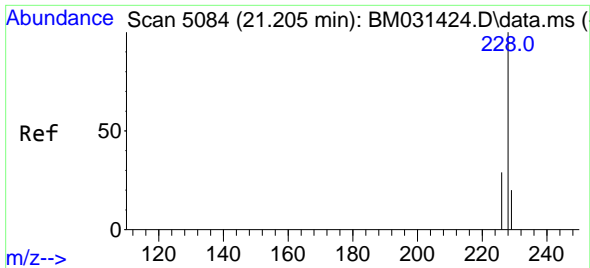


#21
 Benzo(a)anthracene
 Concen: 0.553 ng/ul
 RT: 21.149 min Scan# 5061
 Delta R.T. -0.007 min
 Lab File: BM031428.D
 Acq: 04 Aug 2021 01:52



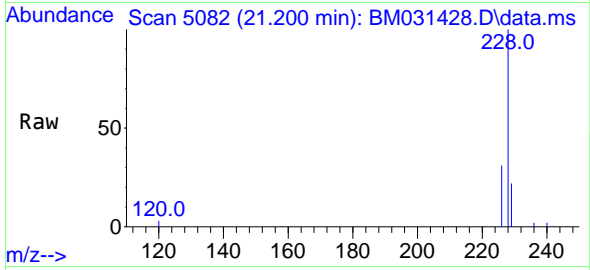
Tgt Ion:228 Resp: 7337
 Ion Ratio Lower Upper
 228 100
 229 21.0 15.6 23.4
 226 30.6 21.7 32.5





#22
 Chrysene
 Concen: 0.470 ng/u1
 RT: 21.200 min Scan# 5082
 Delta R.T. -0.007 min
 Lab File: BM031428.D
 Acq: 04 Aug 2021 01:52

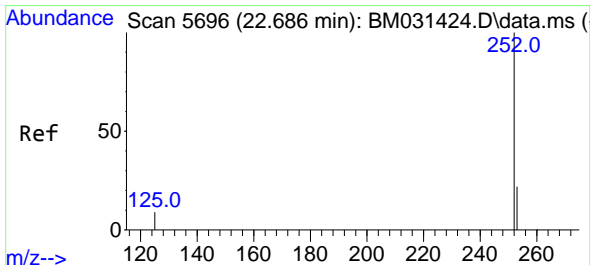
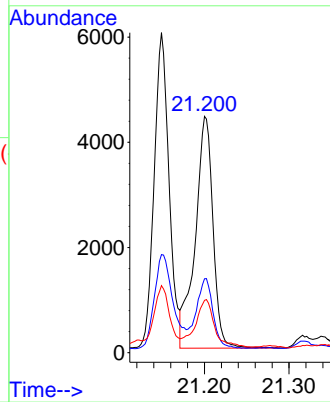
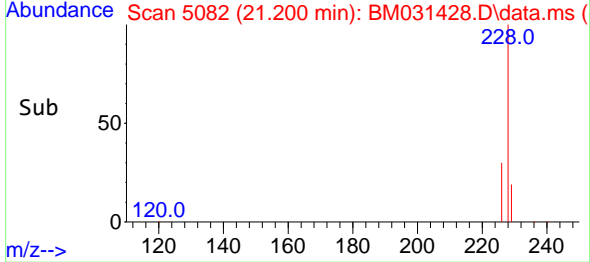
Instrument :
 BNA_M
 ClientSampled :
 BGEP3



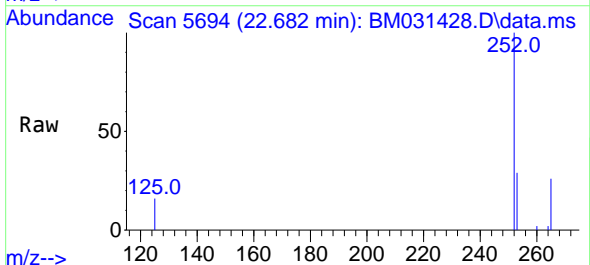
Tgt Ion:228 Resp: 6451
 Ion Ratio Lower Upper
 228 100
 226 31.2 24.7 37.1
 229 22.1 16.2 24.2

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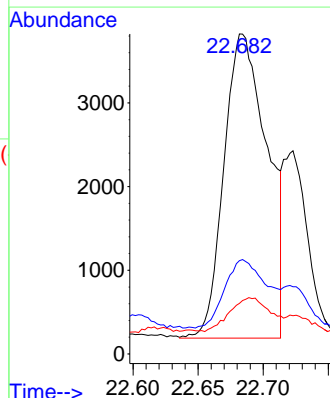
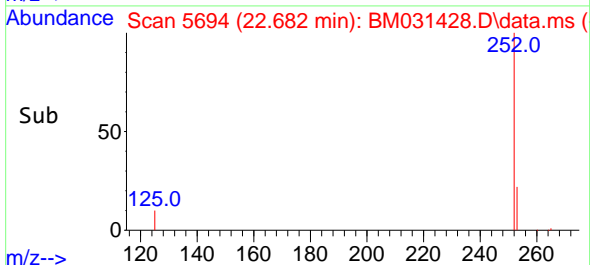
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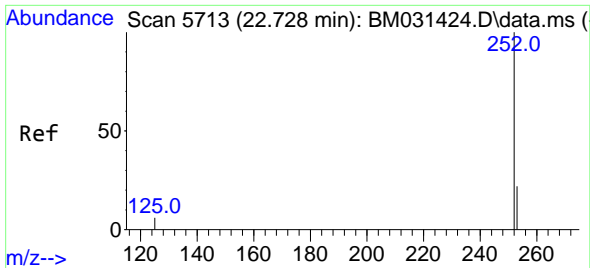


#24
 Benzo(b)fluoranthene
 Concen: 0.580 ng/u1 m
 RT: 22.682 min Scan# 5694
 Delta R.T. -0.007 min
 Lab File: BM031428.D
 Acq: 04 Aug 2021 01:52



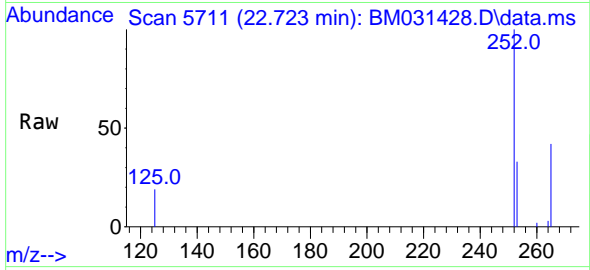
Tgt Ion:252 Resp: 8395
 Ion Ratio Lower Upper
 252 100
 253 29.2 0.0 53.0
 125 15.8 0.0 22.8





#25
 Benzo(k)fluoranthene
 Concen: 0.200 ng/ul m
 RT: 22.723 min Scan# 5711
 Delta R.T. -0.009 min
 Lab File: BM031428.D
 Acq: 04 Aug 2021 01:52

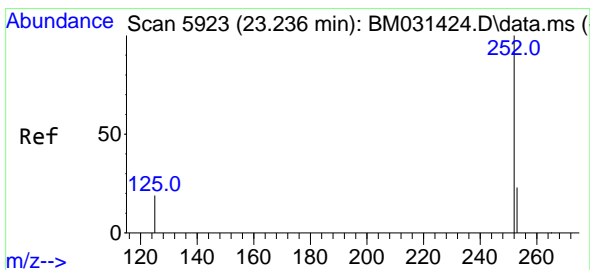
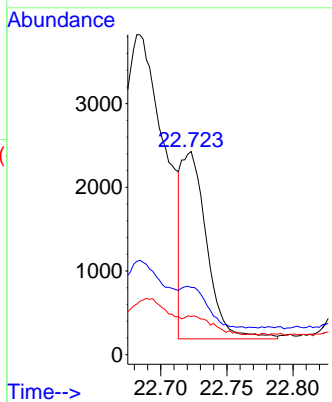
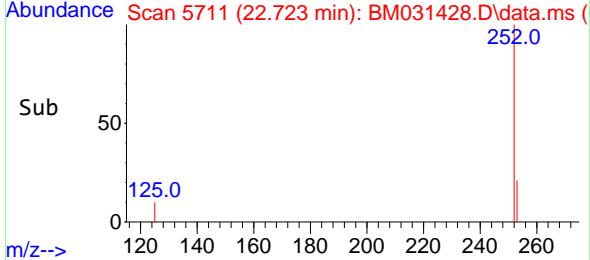
Instrument :
 BNA_M
 ClientSampled :
 BGE3



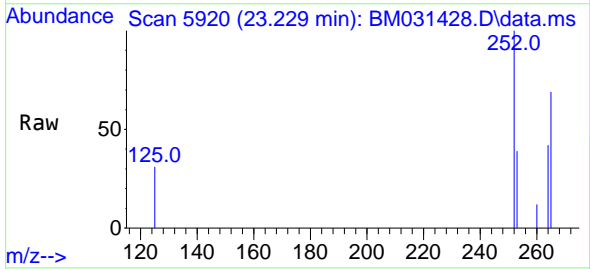
Tgt Ion:252 Resp: 2991
 Ion Ratio Lower Upper
 252 100
 253 33.0 21.3 31.9#
 125 18.8 8.8 13.2#

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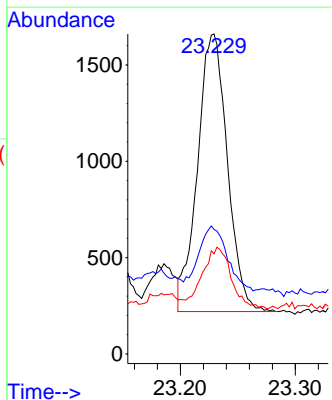
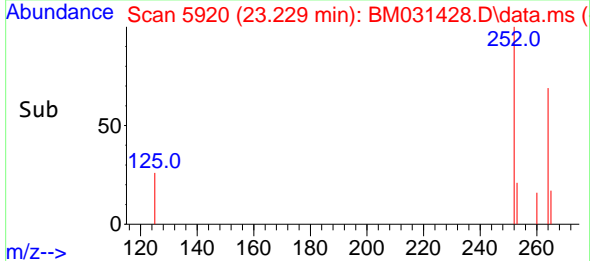
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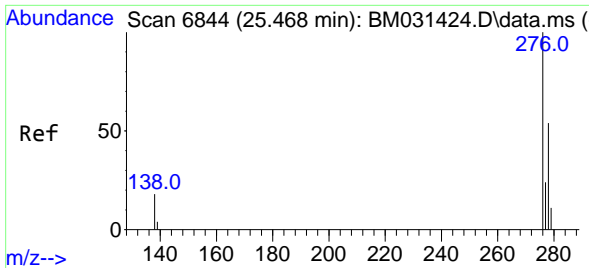


#26
 Benzo(a)pyrene
 Concen: 0.205 ng/ul
 RT: 23.229 min Scan# 5920
 Delta R.T. -0.009 min
 Lab File: BM031428.D
 Acq: 04 Aug 2021 01:52



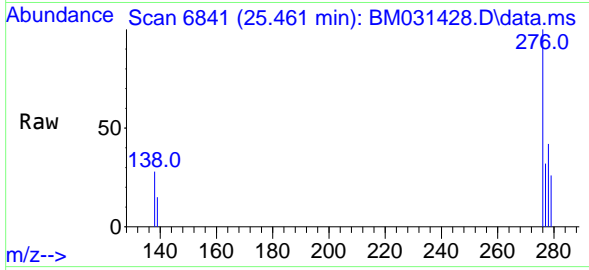
Tgt Ion:252 Resp: 2601
 Ion Ratio Lower Upper
 252 100
 253 38.9 22.4 33.6#
 125 31.3 13.0 19.4#





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.132 ng/u1
 RT: 25.461 min Scan# 6841
 Delta R.T. -0.012 min
 Lab File: BM031428.D
 Acq: 04 Aug 2021 01:52

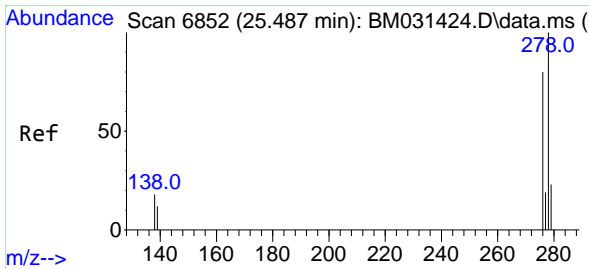
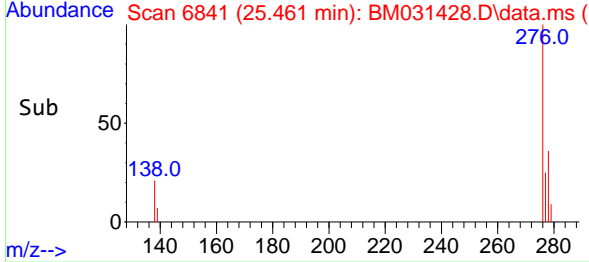
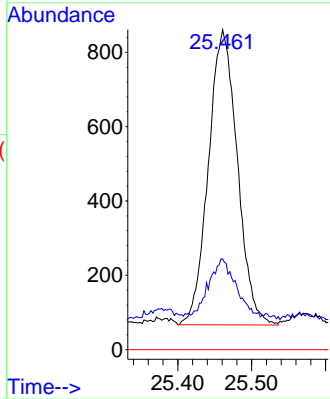
Instrument :
 BNA_M
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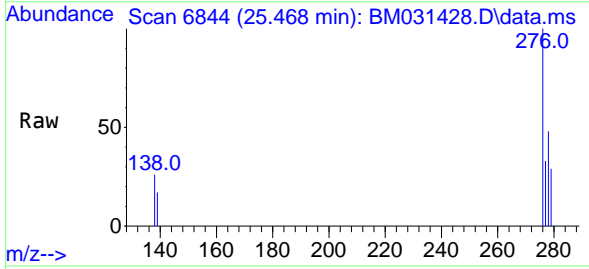
Tgt Ion: 276 Resp: 2163

Ion	Ratio	Lower	Upper
276	100		
138	19.9	15.8	23.8
227	0.0	0.0	0.0

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#28
 Dibenzo(a,h)anthracene
 Concen: 0.071 ng/u1
 RT: 25.468 min Scan# 6844
 Delta R.T. -0.019 min
 Lab File: BM031428.D
 Acq: 04 Aug 2021 01:52



Tgt Ion: 278 Resp: 937

Ion	Ratio	Lower	Upper
278	100		
139	35.8	13.3	19.9#
279	61.1	22.8	34.2#

