

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062022\
 Data File : BM035566.D
 Acq On : 21 Jun 2022 11:19
 Operator : CG/JU
 Sample : N3298-01
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AA0

Quant Time: Jun 22 01:32:15 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM061822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 20 01:56:13 2022
 Response via : Initial Calibration

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

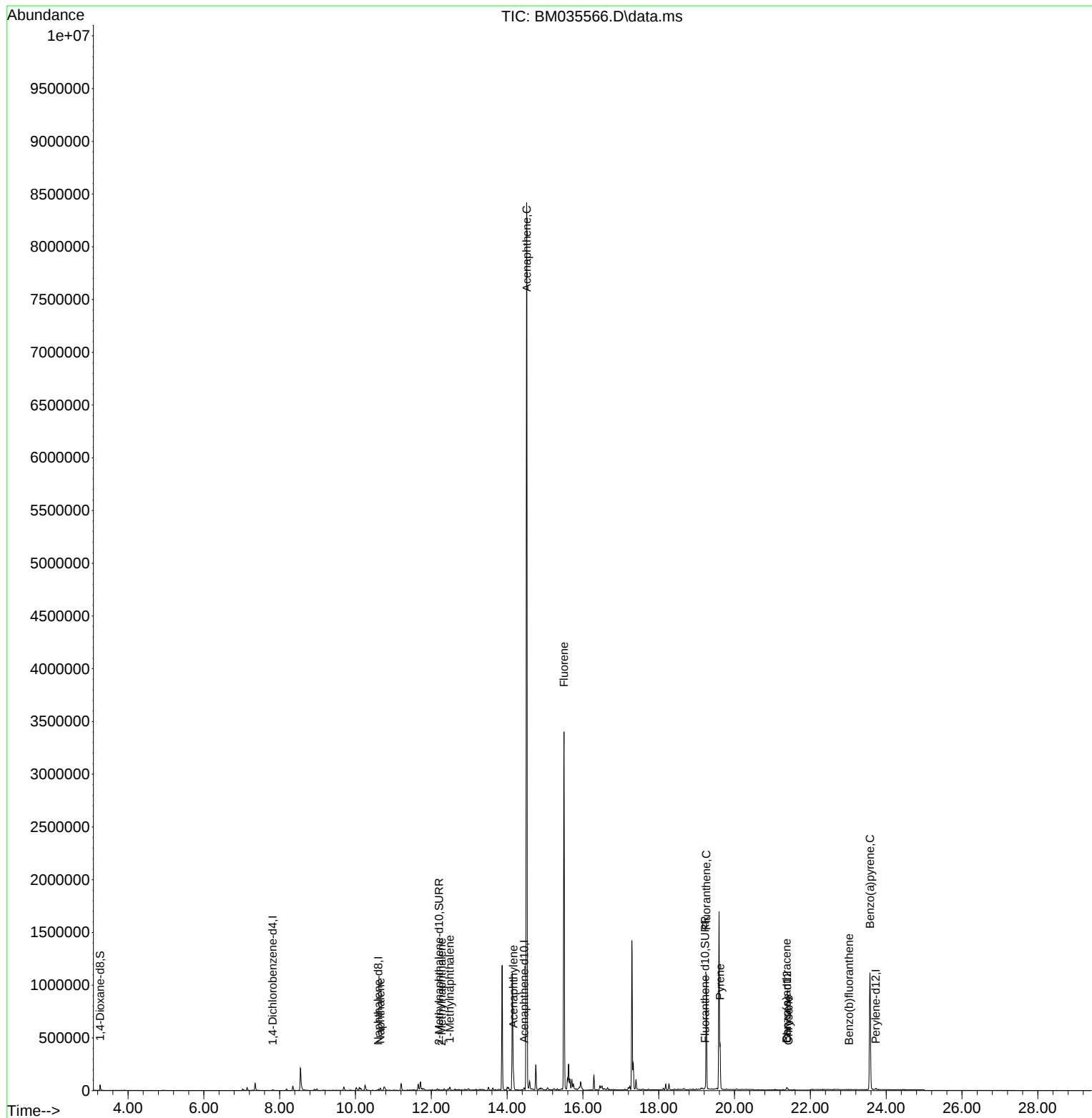
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.820	152	5094	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.605	136	16637	0.400	ng/ul	-0.04
9) Acenaphthene-d10	14.451	164	10609	0.400	ng/ul	#-0.02
13) Phenanthrene-d10	0.000	188	0	0.000	ng/ul	-17.23
17) Chrysene-d12	21.388	240	15897	0.400	ng/ul	-0.02
23) Perylene-d12	23.726	264	16406	0.400	ng/ul	#-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	30418	4.244	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.206	152	9668	0.391	ng/ul	-0.04
18) Fluoranthene-d10	19.225	212	21562	0.404	ng/ul	-0.03
Target Compounds						
					Qvalue	
5) Naphthalene	10.655	128	31592	0.561	ng/ul	98
7) 2-Methylnaphthalene	12.277	142	825	0.026	ng/ul#	60
8) 1-Methylnaphthalene	12.492	142	20836	0.705	ng/ul	99
10) Acenaphthylene	14.169	152	153640	2.571	ng/ul#	95
11) Acenaphthene	14.516	153	5202032	117.554	ng/ul	97
12) Fluorene	15.501	166	2093120	41.826	ng/ul	98
19) Fluoranthene	19.257	202	914092	11.248	ng/ul	100
20) Pyrene	19.620	202	355963	4.178	ng/ul	100
21) Benzo(a)anthracene	21.373	228	15510	0.258	ng/ul#	89
22) Chrysene	21.423	228	3922	0.055	ng/ul#	65
24) Benzo(b)fluoranthene	23.019	252	1871	0.026	ng/ul#	1
26) Benzo(a)pyrene	23.574	252	6252	0.084	ng/ul#	51

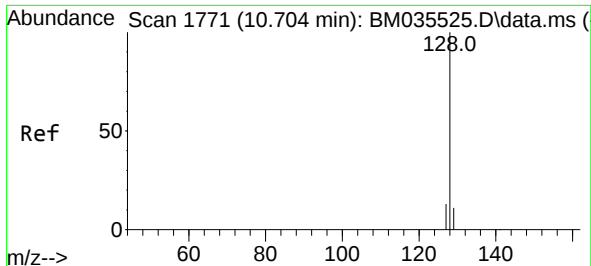
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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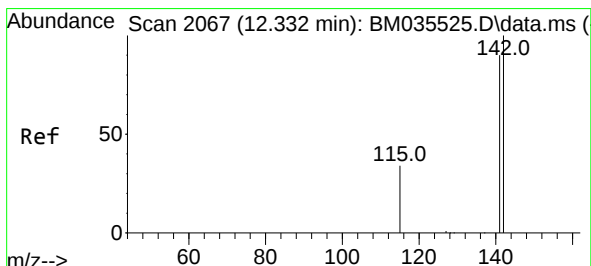
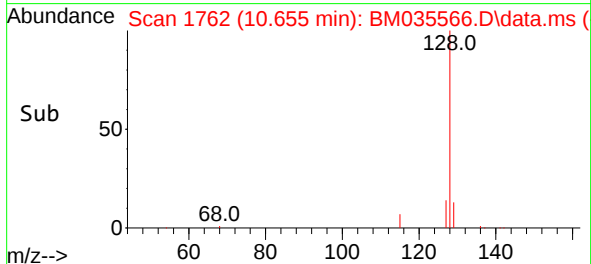
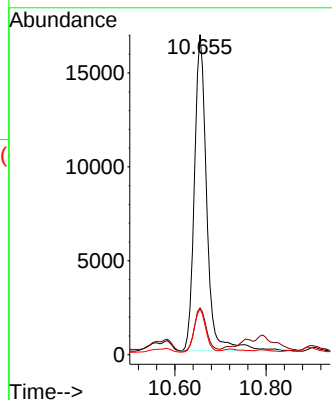
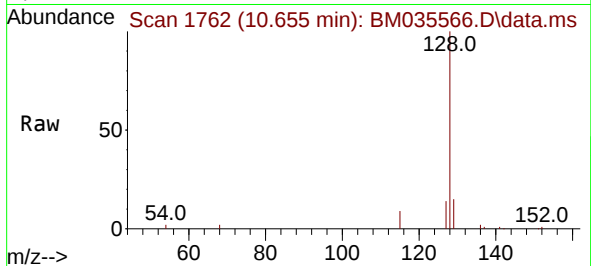




#5
Naphthalene
Concen: 0.561 ng/ul
RT: 10.655 min Scan# 1762
Delta R.T. -0.039 min
Lab File: BM035566.D
Acq: 21 Jun 2022 11:19

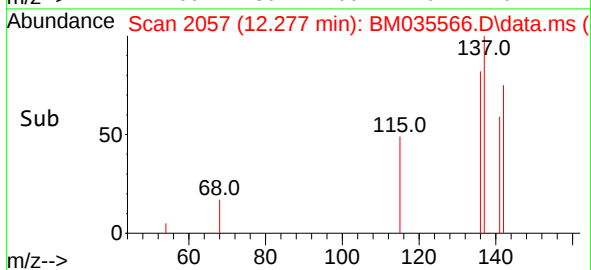
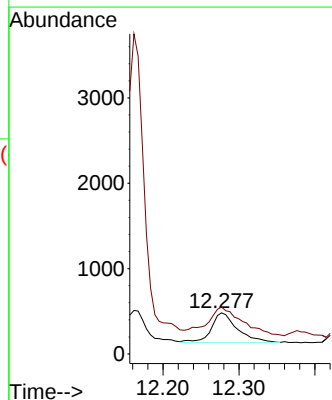
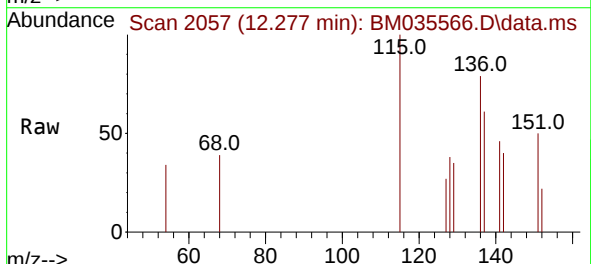
Instrument :
BNA_M
ClientSampleId :
C0AA0

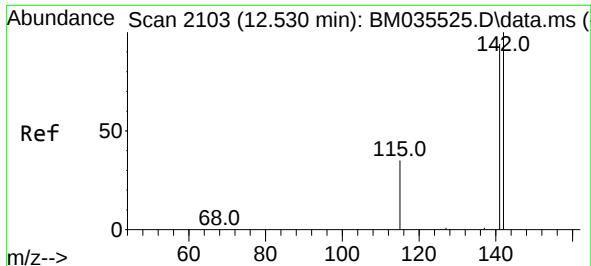
Tgt Ion:128 Resp: 31592
Ion Ratio Lower Upper
128 100
129 14.6 10.1 15.1
127 14.3 11.4 17.2



#7
2-Methylnaphthalene
Concen: 0.026 ng/ul
RT: 12.277 min Scan# 2057
Delta R.T. -0.044 min
Lab File: BM035566.D
Acq: 21 Jun 2022 11:19

Tgt Ion:142 Resp: 825
Ion Ratio Lower Upper
142 100
141 130.2 73.8 110.8#

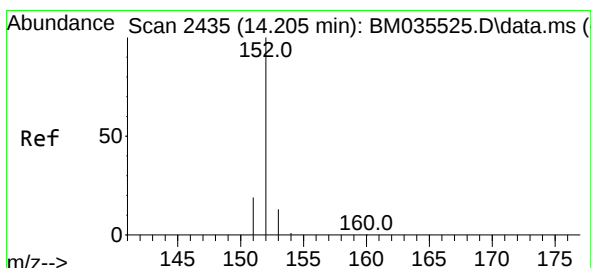
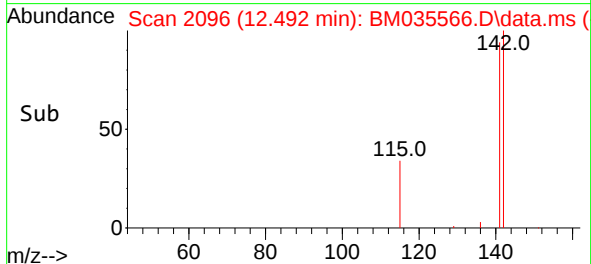
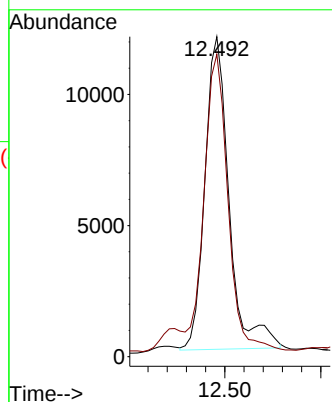
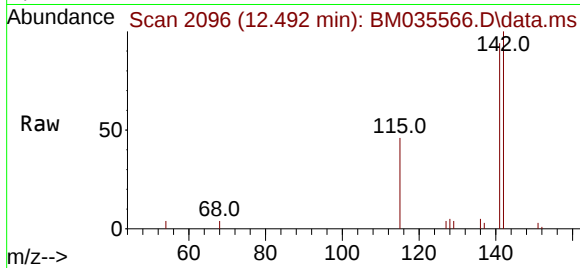




#8
1-Methylnaphthalene
Concen: 0.705 ng/ul
RT: 12.492 min Scan# 2096
Delta R.T. -0.033 min
Lab File: BM035566.D
Acq: 21 Jun 2022 11:19

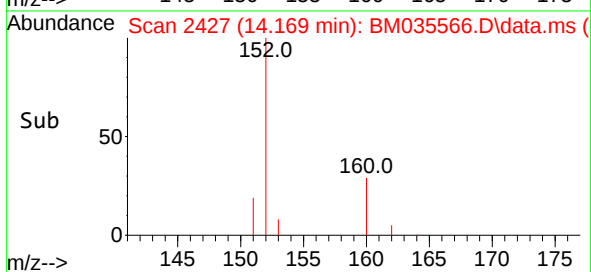
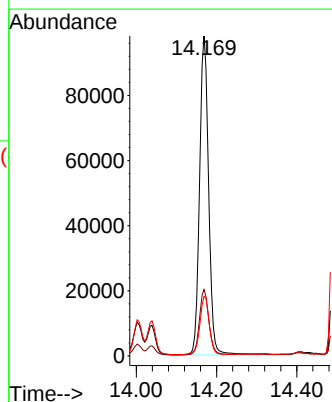
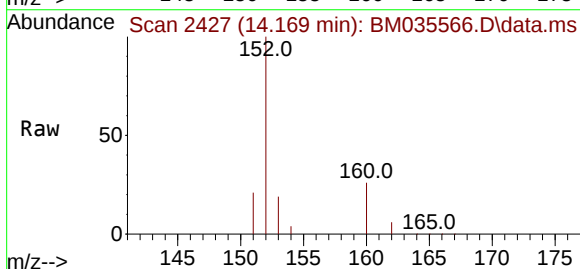
Instrument :
BNA_M
ClientSampleId :
C0AA0

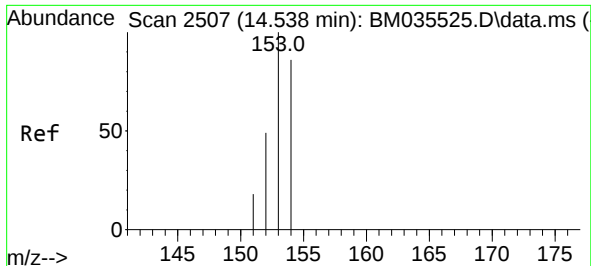
Tgt Ion:142 Resp: 20836
Ion Ratio Lower Upper
142 100
141 91.9 74.6 111.8



#10
Acenaphthylene
Concen: 2.571 ng/ul
RT: 14.169 min Scan# 2427
Delta R.T. -0.032 min
Lab File: BM035566.D
Acq: 21 Jun 2022 11:19

Tgt Ion:152 Resp: 153640
Ion Ratio Lower Upper
152 100
151 20.7 16.8 25.2
153 18.6 11.1 16.7#

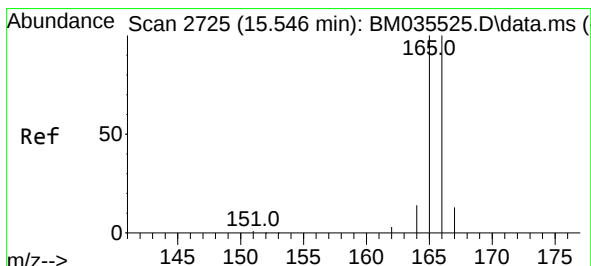
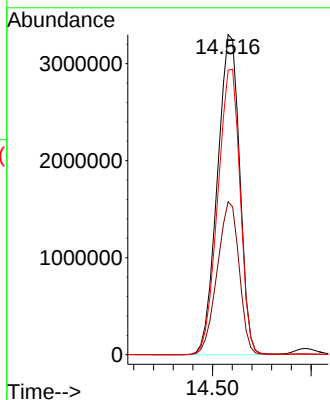
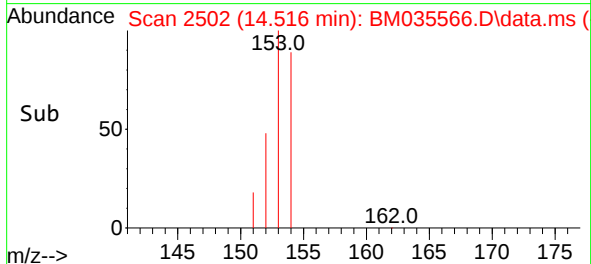
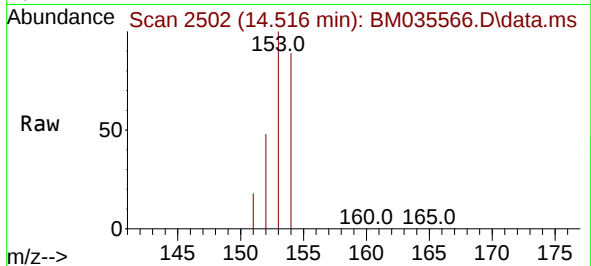




#11
Acenaphthene
Concen: 117.554 ng/ul
RT: 14.516 min Scan# 21
Delta R.T. -0.019 min
Lab File: BM035566.D
Acq: 21 Jun 2022 11:19

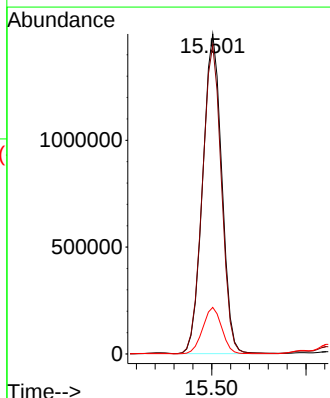
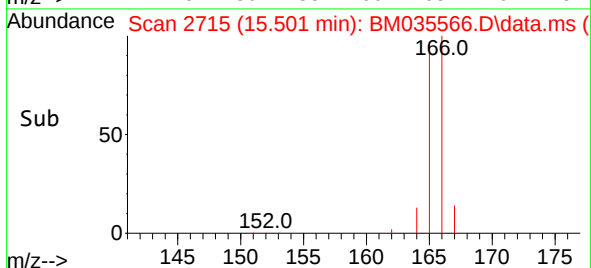
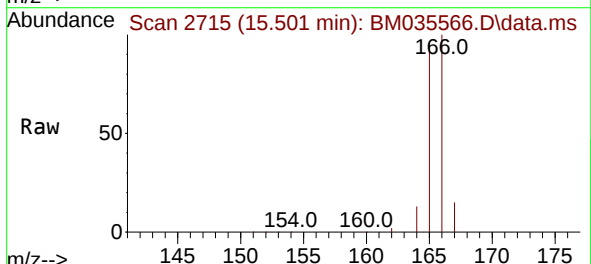
Instrument :
BNA_M
ClientSampleId :
C0AA0

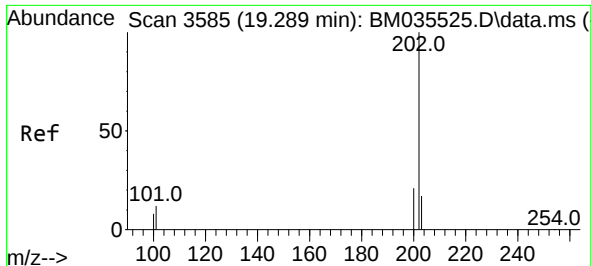
Tgt Ion:153 Resp: 5202032
Ion Ratio Lower Upper
153 100
152 47.8 40.0 60.0
154 88.9 69.1 103.7



#12
Fluorene
Concen: 41.826 ng/ul
RT: 15.501 min Scan# 2715
Delta R.T. -0.037 min
Lab File: BM035566.D
Acq: 21 Jun 2022 11:19

Tgt Ion:166 Resp: 2093120
Ion Ratio Lower Upper
166 100
165 96.5 78.7 118.1
167 14.5 11.6 17.4

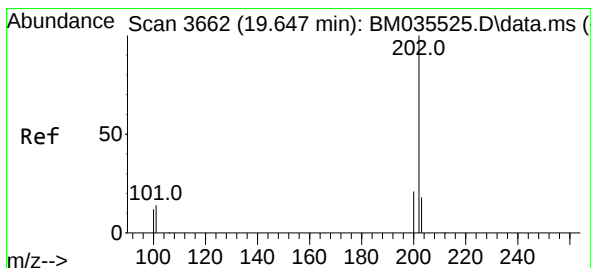
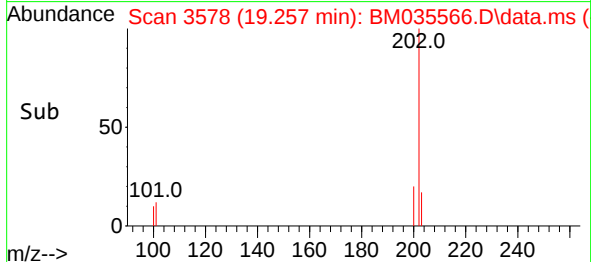
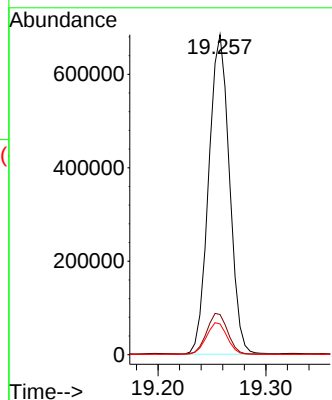
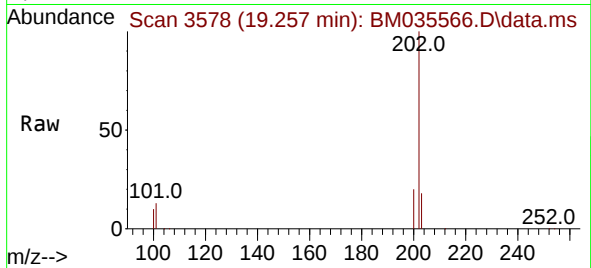




#19
Fluoranthene
Concen: 11.248 ng/ul
RT: 19.257 min Scan# 31
Delta R.T. -0.028 min
Lab File: BM035566.D
Acq: 21 Jun 2022 11:19

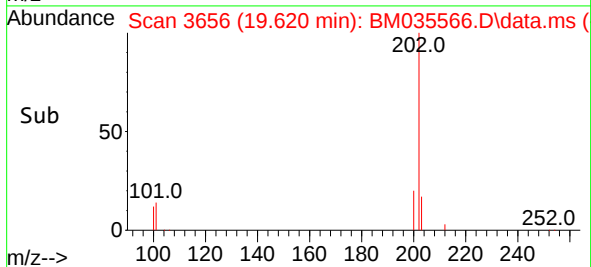
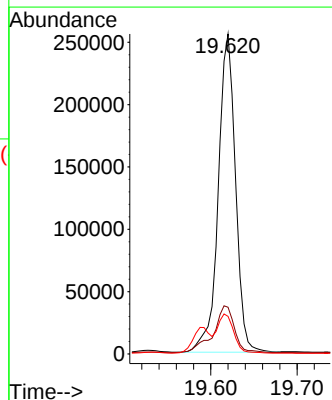
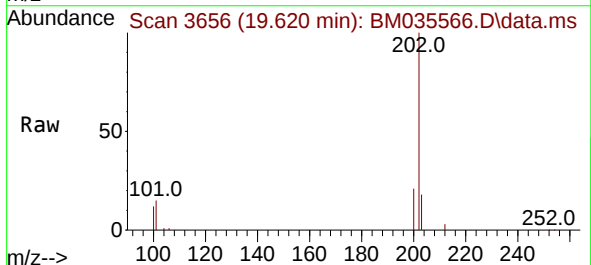
Instrument :
BNA_M
ClientSampleId :
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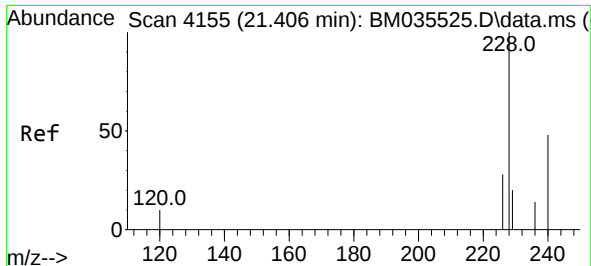
Tgt Ion:202 Resp: 914092
Ion Ratio Lower Upper
202 100
101 12.6 10.0 15.0
100 9.6 7.5 11.3



#20
Pyrene
Concen: 4.178 ng/ul
RT: 19.620 min Scan# 3656
Delta R.T. -0.028 min
Lab File: BM035566.D
Acq: 21 Jun 2022 11:19

Tgt Ion:202 Resp: 355963
Ion Ratio Lower Upper
202 100
101 14.6 11.6 17.4
100 11.7 9.3 13.9

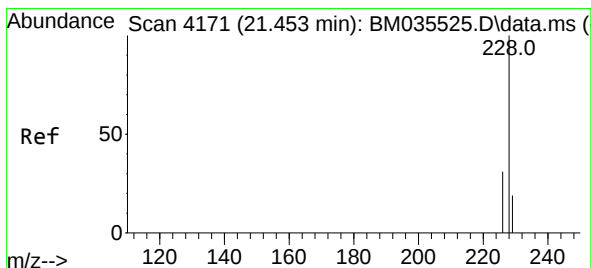
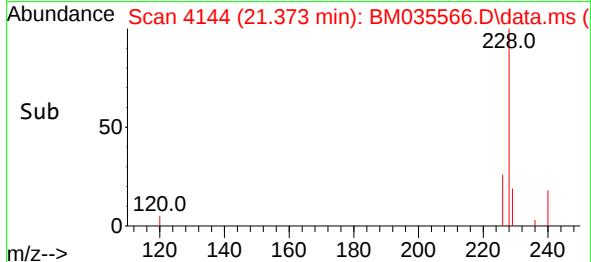
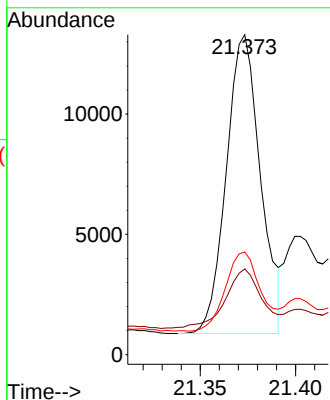
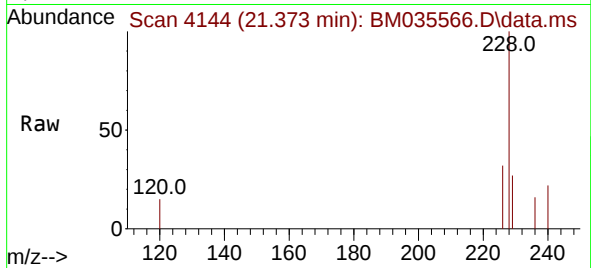




#21
Benzo(a)anthracene
Concen: 0.258 ng/ul
RT: 21.373 min Scan# 411
Delta R.T. -0.026 min
Lab File: BM035566.D
Acq: 21 Jun 2022 11:19

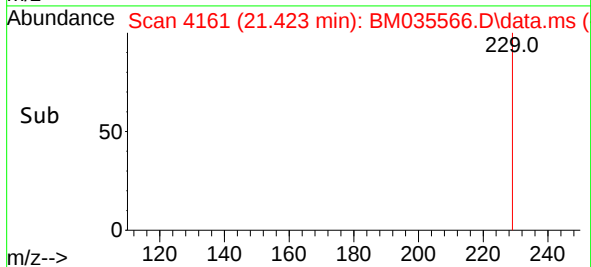
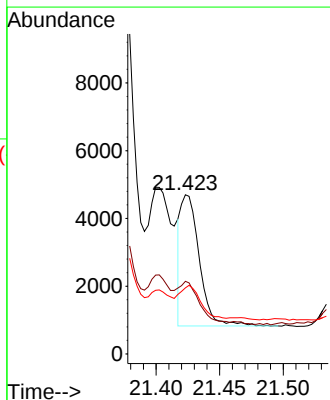
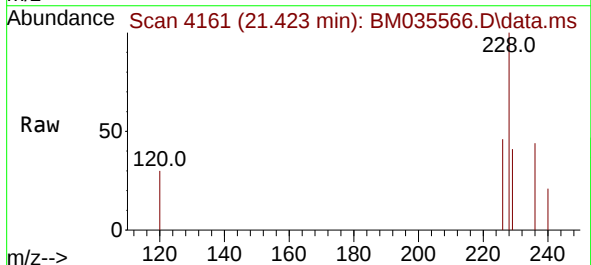
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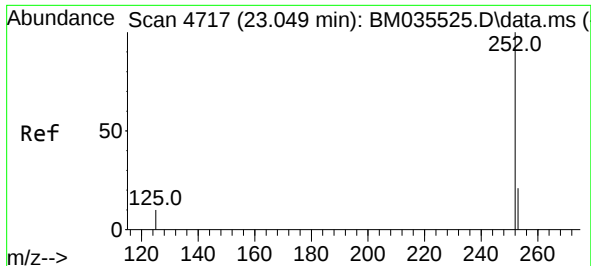
Tgt Ion:228 Resp: 15510
Ion Ratio Lower Upper
228 100
229 26.8 16.2 24.2#
226 32.1 22.3 33.5



#22
Chrysene
Concen: 0.055 ng/ul
RT: 21.423 min Scan# 4161
Delta R.T. -0.026 min
Lab File: BM035566.D
Acq: 21 Jun 2022 11:19

Tgt Ion:228 Resp: 3922
Ion Ratio Lower Upper
228 100
226 45.6 24.5 36.7#
229 41.5 15.8 23.8#

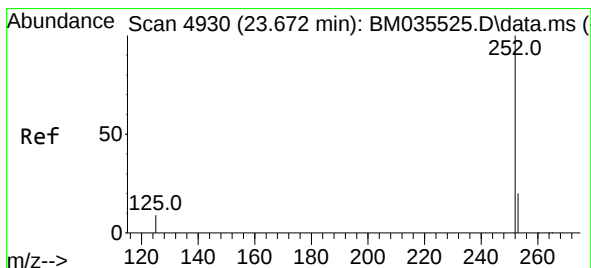
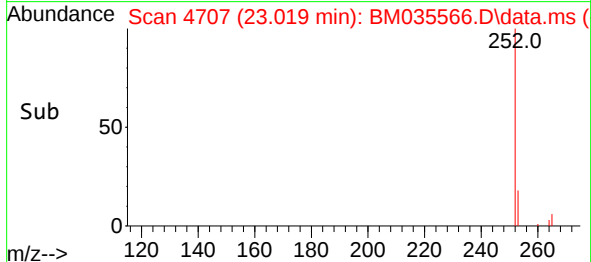
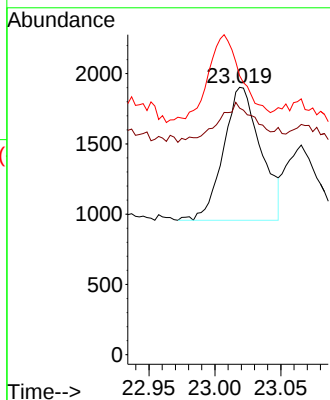
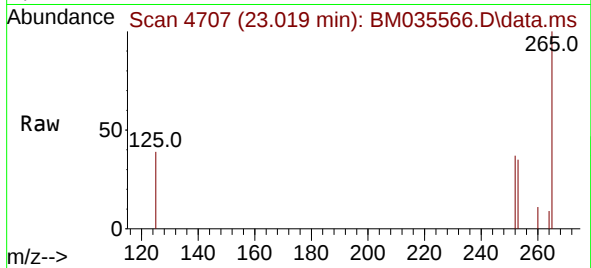




#24
Benzo(b)fluoranthene
Concen: 0.026 ng/ul
RT: 23.019 min Scan# 41
Delta R.T. -0.032 min
Lab File: BM035566.D
Acq: 21 Jun 2022 11:19

Instrument :
BNA_M
ClientSampleId :
C0AA0

Tgt Ion:252 Resp: 1871
Ion Ratio Lower Upper
252 100
253 92.2 0.0 60.6#
125 104.4 0.0 44.8#



#26
Benzo(a)pyrene
Concen: 0.084 ng/ul
RT: 23.574 min Scan# 4897
Delta R.T. -0.094 min
Lab File: BM035566.D
Acq: 21 Jun 2022 11:19

Tgt Ion:252 Resp: 6252
Ion Ratio Lower Upper
252 100
253 61.1 27.8 41.6#
125 58.0 23.3 34.9#

