

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101921\
 Data File : BM032624.D
 Acq On : 20 Oct 2021 18:24
 Operator : CG/JU
 Sample : M4181-20DL 5X
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B29DL

Manual Integrations
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mohammad
 10/21/2021 11:17:02 AM

Quant Time: Oct 21 03:13:28 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 20 16:33:56 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.557	152	6047	0.40	ng/ul	0.00
4) Naphthalene-d8	10.339	136	20671	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.209	164	11147	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.943	188	23443	0.40	ng/ul	# 0.00
17) Chrysene-d12	21.123	240	15598	0.40	ng/ul	0.00
23) Perylene-d12	23.261	264	14612	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.924	96	930	0.14	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.940	152	215	0.01	ng/ul	0.00
18) Fluoranthene-d10	18.970	212	371	0.01	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.389	128	19200	0.31	ng/ul	99
7) 2-Methylnaphthalene	12.012	142	15845	0.39	ng/ul	99
8) 1-Methylnaphthalene	12.233	142	12167	0.30	ng/ul	99
10) Acenaphthylene	13.928	152	3314	0.07	ng/ul	94
15) Phenanthrene	16.984	178	12646	0.16	ng/ul	99
16) Anthracene	17.075	178	3208	0.05	ng/ul#	91
19) Fluoranthene	19.000	202	11401	0.15	ng/ul	97
20) Pyrene	19.362	202	11141	0.14	ng/ul	99
21) Benzo(a)anthracene	21.106	228	7778m	0.13	ng/ul	
22) Chrysene	21.157	228	13072	0.19	ng/ul	96
24) Benzo(b)fluoranthene	22.624	252	21276m	0.32	ng/ul	
25) Benzo(k)fluoranthene	22.663	252	8900m	0.13	ng/ul	
26) Benzo(a)pyrene	23.167	252	4209	0.07	ng/ul#	58
27) Indeno(1,2,3-cd)pyrene	25.364	276	5823	0.08	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.360	278	2419	0.04	ng/ul#	58

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

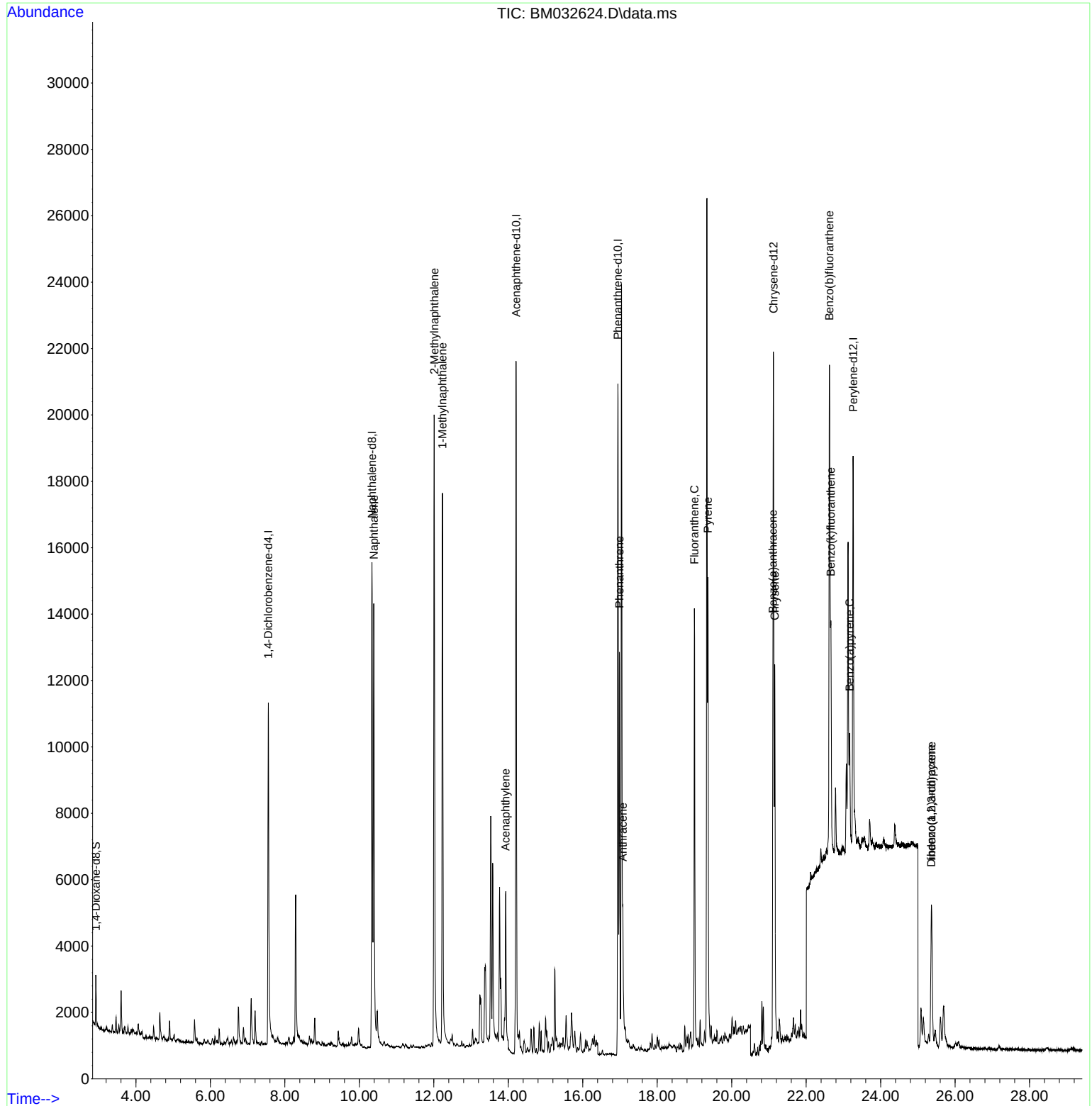
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Data File : BM032624.D
Acq On : 20 Oct 2021 18:24
Operator : CG/JU
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Misc :
ALS Vial : 43 Sample Multiplier: 1

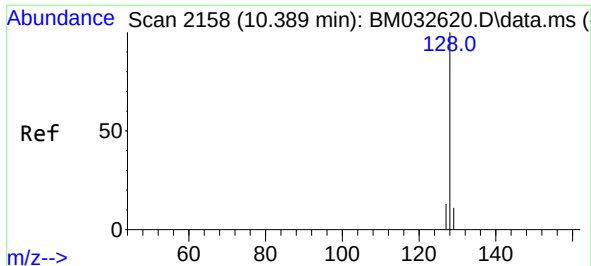
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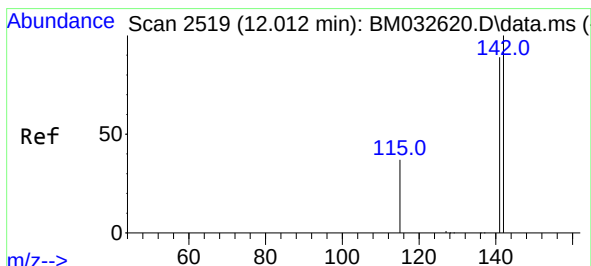
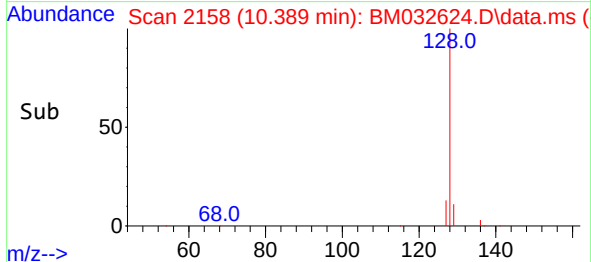
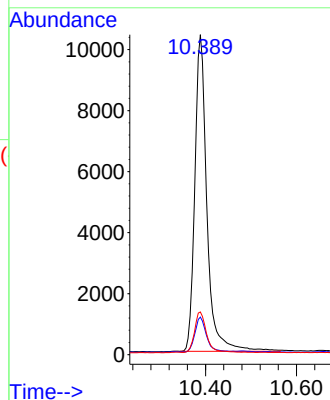
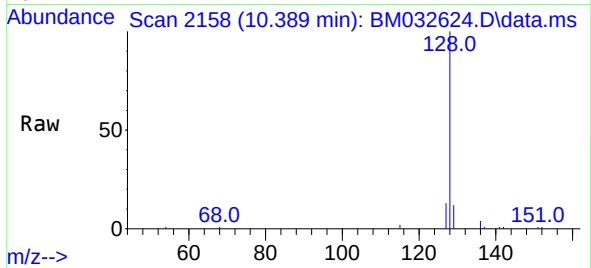
#5
Naphthalene
Concen: 0.31 ng/ul
RT: 10.389 min Scan# 2158
Delta R.T. -0.000 min
Lab File: BM032624.D
Acq: 20 Oct 2021 18:24

Tgt Ion:	128	Resp:	19200
Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.1	13.7
127	13.3	11.1	16.7

Instrument :
BNA_M
ClientSampled :
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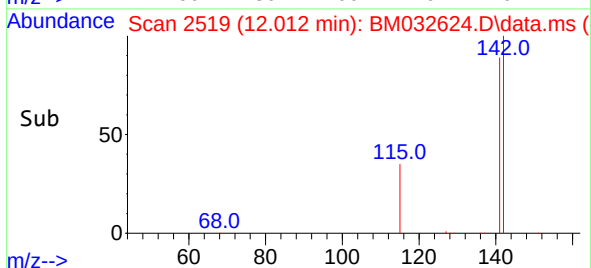
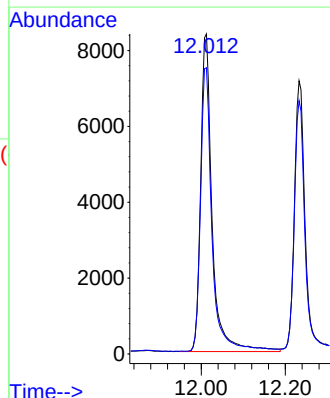
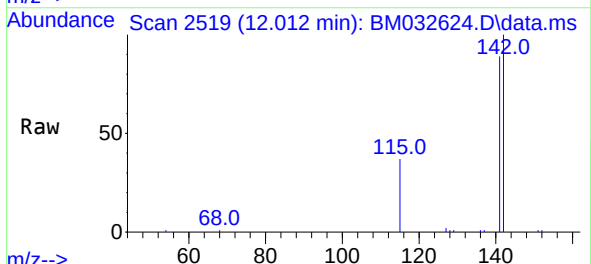
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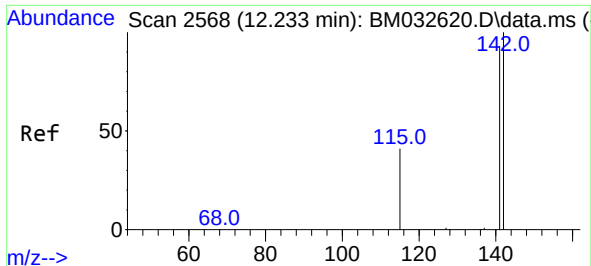
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#7
2-Methylnaphthalene
Concen: 0.39 ng/ul
RT: 12.012 min Scan# 2519
Delta R.T. -0.000 min
Lab File: BM032624.D
Acq: 20 Oct 2021 18:24

Tgt Ion:	142	Resp:	15845
Ion	Ratio	Lower	Upper
142	100		
141	89.4	72.2	108.2





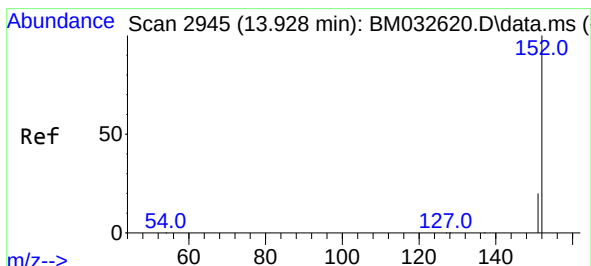
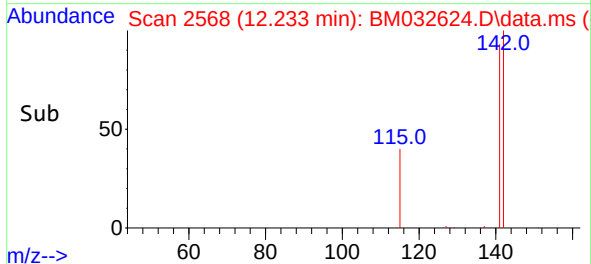
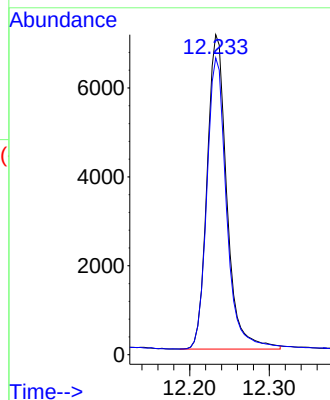
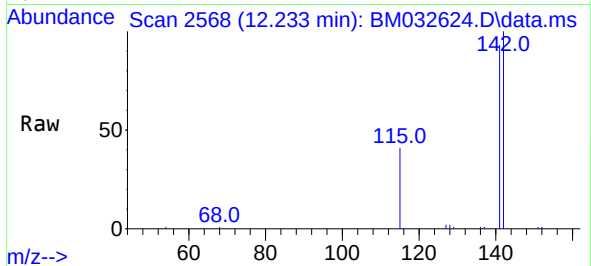
#8
1-Methylnaphthalene
Concen: 0.30 ng/ul
RT: 12.233 min Scan# 2568
Delta R.T. -0.000 min
Lab File: BM032624.D
Acq: 20 Oct 2021 18:24

Tgt Ion:142 Resp: 12167
Ion Ratio Lower Upper
142 100
141 92.4 74.9 112.3

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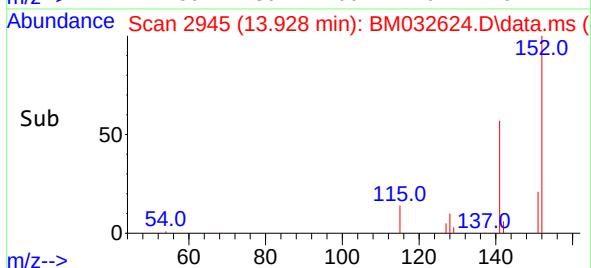
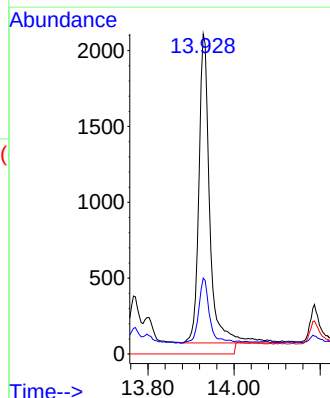
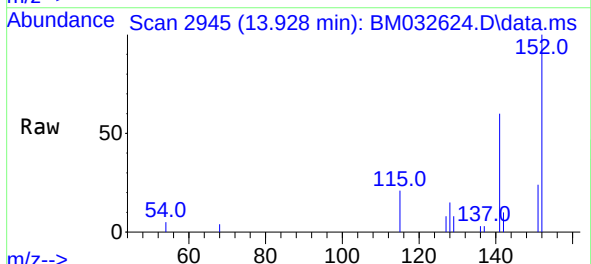
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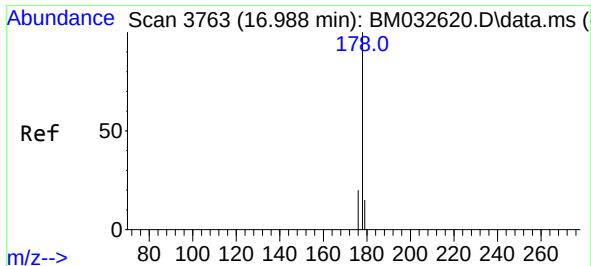
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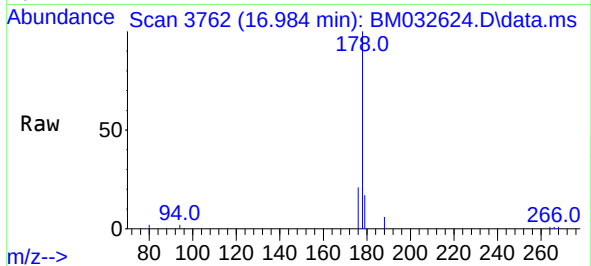
#10
Acenaphthylene
Concen: 0.07 ng/ul
RT: 13.928 min Scan# 2945
Delta R.T. -0.000 min
Lab File: BM032624.D
Acq: 20 Oct 2021 18:24

Tgt Ion:152 Resp: 3314
Ion Ratio Lower Upper
152 100
151 23.7 16.7 25.1
153 0.0 0.0 0.0

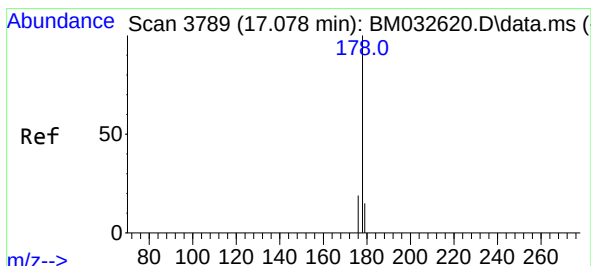
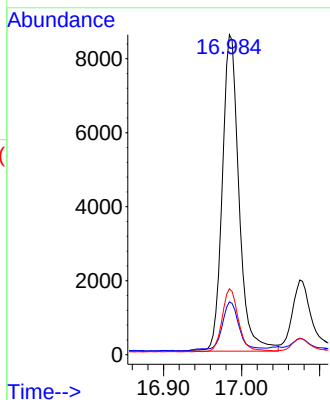
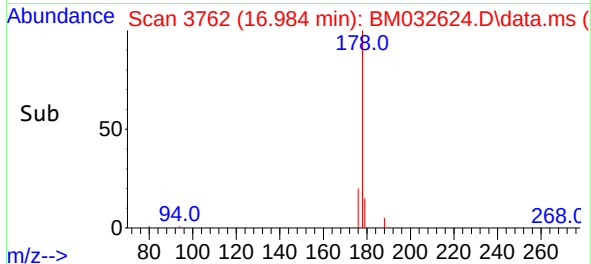




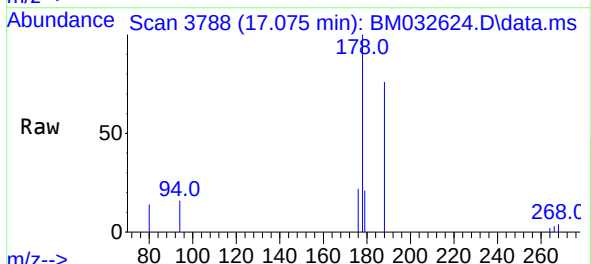
#15
Phenanthrene
Concen: 0.16 ng/ul
RT: 16.984 min Scan# 3762
Delta R.T. -0.003 min
Lab File: BM032624.D
Acq: 20 Oct 2021 18:24



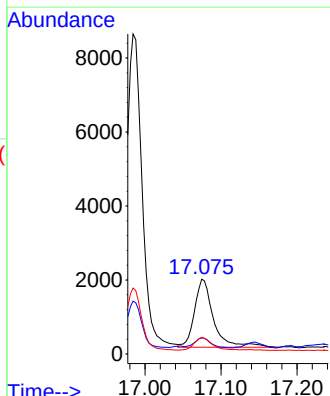
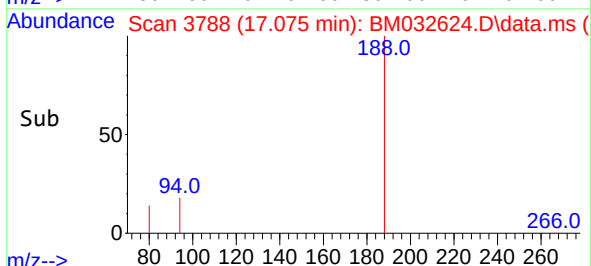
Tgt Ion:178 Resp: 12646
Ion Ratio Lower Upper
178 100
179 16.5 12.9 19.3
176 20.6 16.1 24.1



#16
Anthracene
Concen: 0.05 ng/ul
RT: 17.075 min Scan# 3788
Delta R.T. -0.004 min
Lab File: BM032624.D
Acq: 20 Oct 2021 18:24



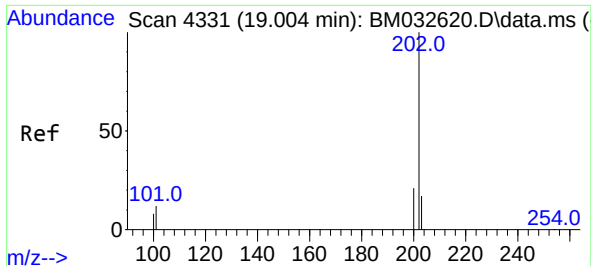
Tgt Ion:178 Resp: 3208
Ion Ratio Lower Upper
178 100
179 21.4 12.9 19.3#
176 22.3 15.8 23.6



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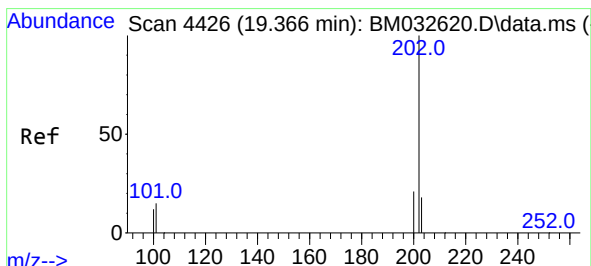
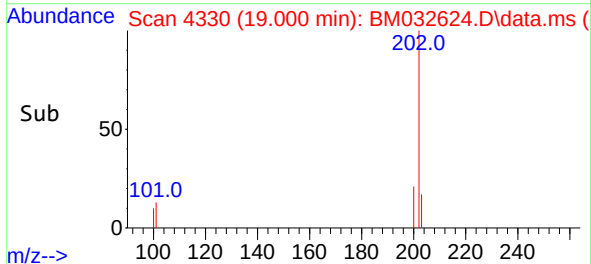
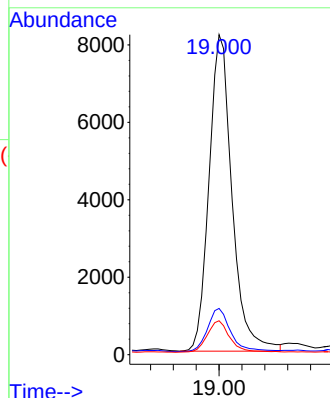
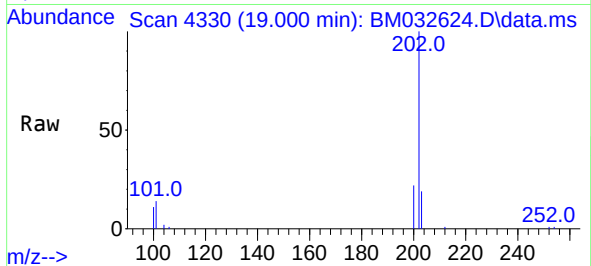
#19
Fluoranthene
Concen: 0.15 ng/ul
RT: 19.000 min Scan# 4330
Delta R.T. -0.004 min
Lab File: BM032624.D
Acq: 20 Oct 2021 18:24

Tgt Ion:	202	Resp:	11401
Ion Ratio	Lower	Upper	
202	100		
101	14.4	10.6	16.0
100	10.6	7.8	11.8

Instrument :
BNA_M
ClientSampled :
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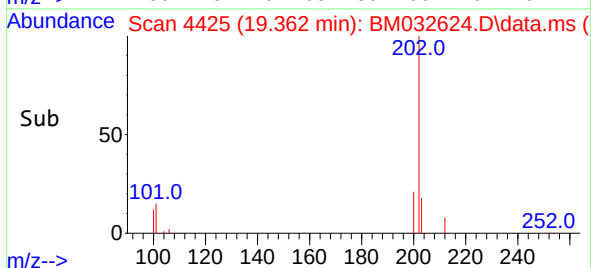
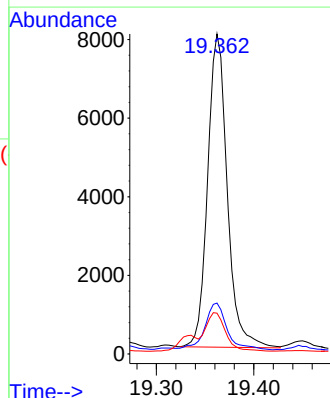
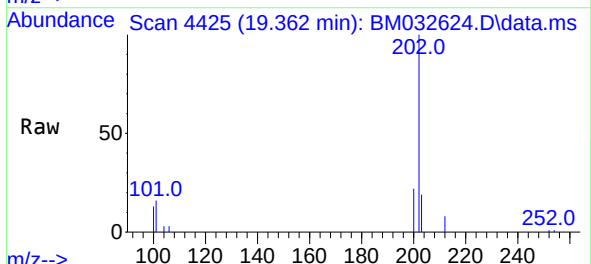
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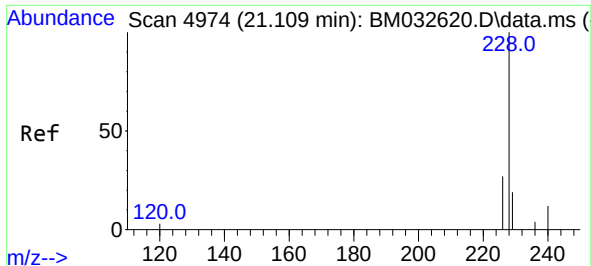
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#20
Pyrene
Concen: 0.14 ng/ul
RT: 19.362 min Scan# 4425
Delta R.T. -0.004 min
Lab File: BM032624.D
Acq: 20 Oct 2021 18:24

Tgt Ion:	202	Resp:	11141
Ion Ratio	Lower	Upper	
202	100		
101	15.9	12.3	18.5
100	12.7	10.1	15.1





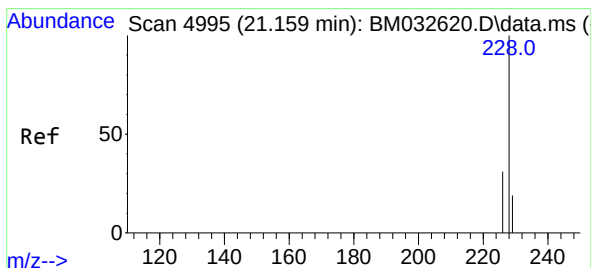
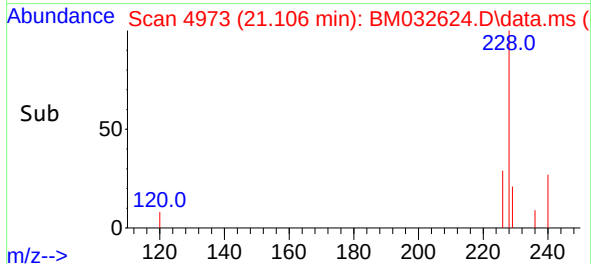
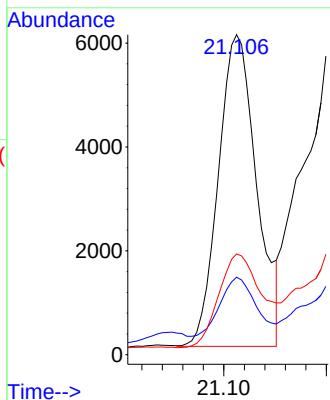
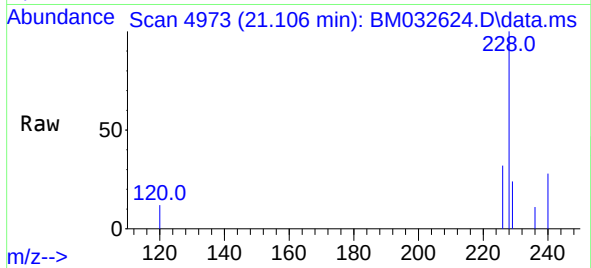
#21
Benzo(a)anthracene
Concen: 0.13 ng/ul m
RT: 21.106 min Scan# 4973
Delta R.T. -0.002 min
Lab File: BM032624.D
Acq: 20 Oct 2021 18:24

Tgt Ion:228 Resp: 7778
Ion Ratio Lower Upper
228 100
229 24.2 15.9 23.9#
226 31.5 22.4 33.6

Instrument :
BNA_M
ClientSampleId :
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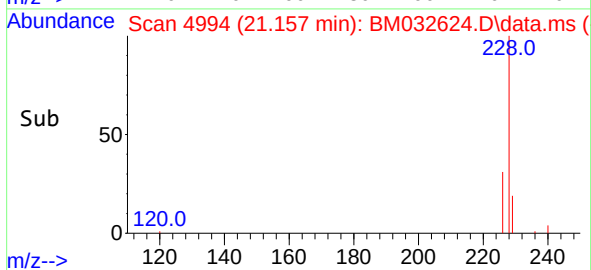
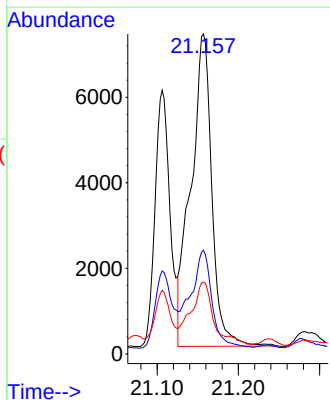
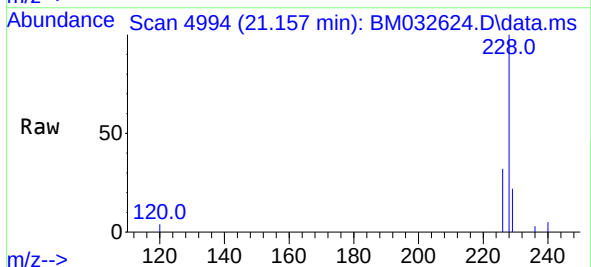
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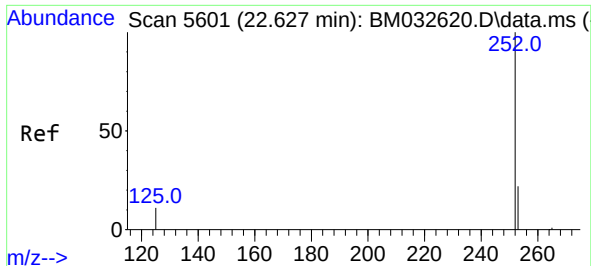
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#22
Chrysene
Concen: 0.19 ng/ul
RT: 21.157 min Scan# 4994
Delta R.T. -0.002 min
Lab File: BM032624.D
Acq: 20 Oct 2021 18:24

Tgt Ion:228 Resp: 13072
Ion Ratio Lower Upper
228 100
226 32.5 25.1 37.7
229 22.4 15.7 23.5





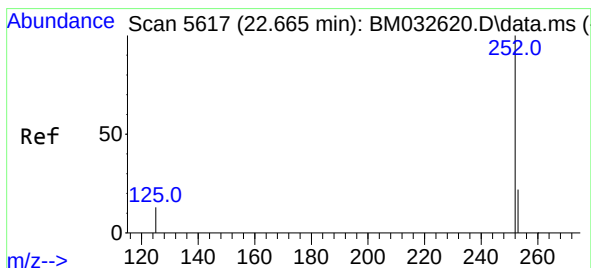
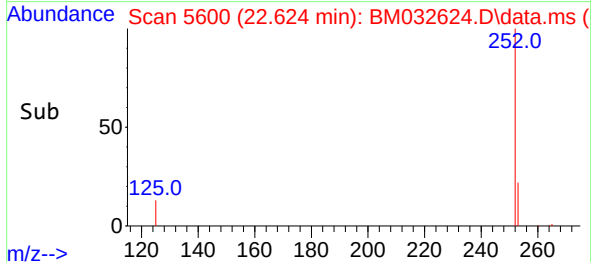
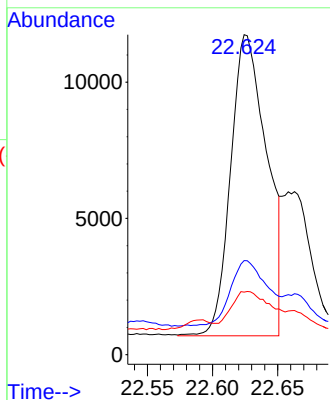
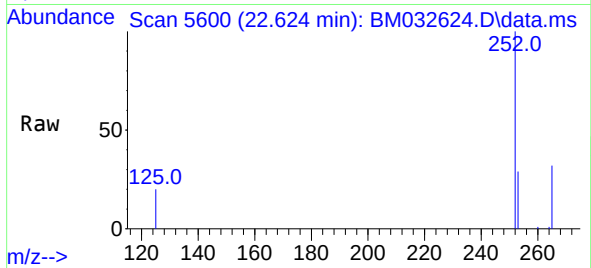
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Benzo(b)fluoranthene
Concen: 0.32 ng/ul m
RT: 22.624 min Scan# 5600
Delta R.T. -0.002 min
Lab File: BM032624.D
Acq: 20 Oct 2021 18:24

Tgt Ion:252	Resp:	21276
Ion Ratio	Lower	Upper
252	100	
253	29.4	0.0 53.8
125	19.5	0.0 35.6

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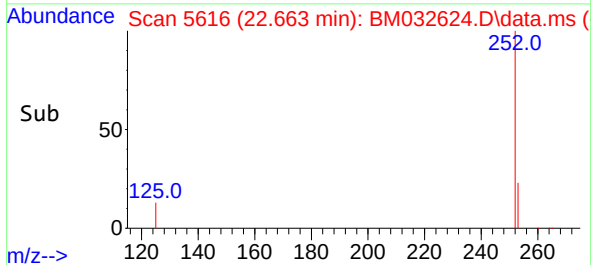
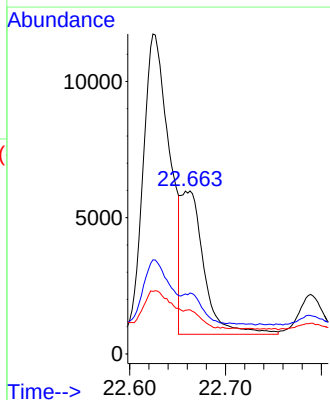
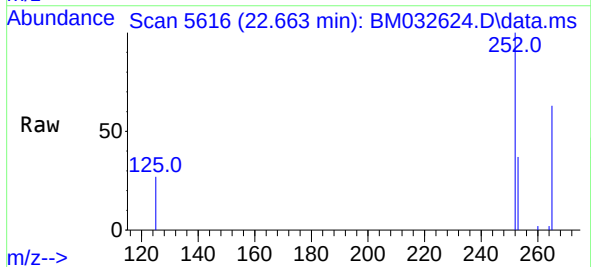
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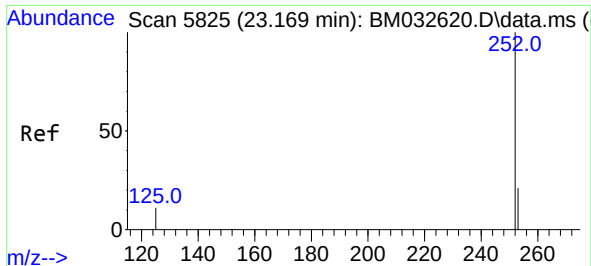
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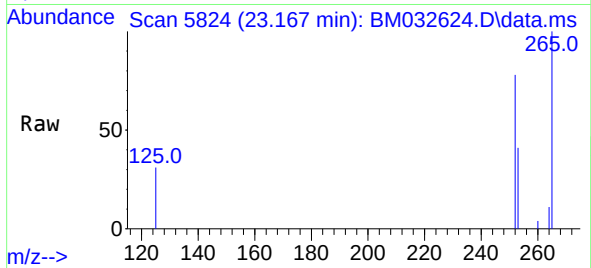
#25
Benzo(k)fluoranthene
Concen: 0.13 ng/ul m
RT: 22.663 min Scan# 5616
Delta R.T. -0.002 min
Lab File: BM032624.D
Acq: 20 Oct 2021 18:24

Tgt Ion:252	Resp:	8900
Ion Ratio	Lower	Upper
252	100	
253	37.4	21.8 32.6#
125	27.1	14.4 21.6#

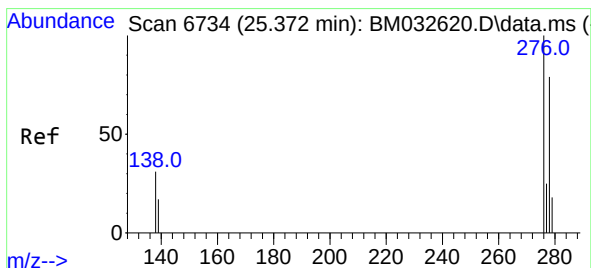
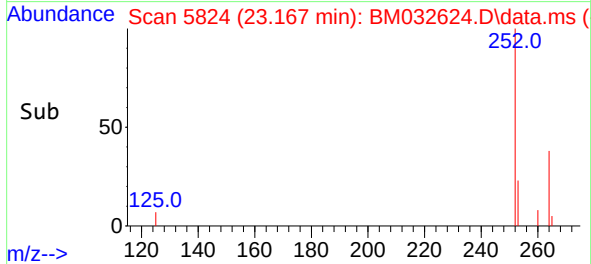
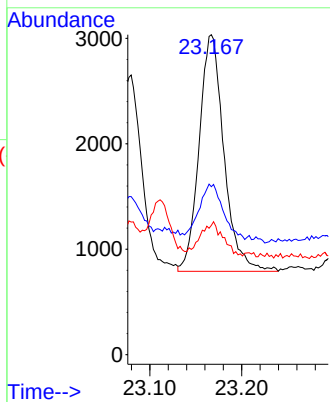




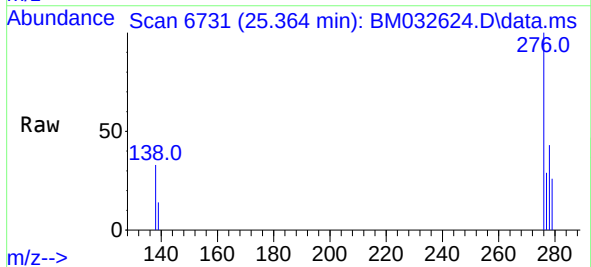
#26
Benzo(a)pyrene
Concen: 0.07 ng/u1
RT: 23.167 min Scan# 5824
Delta R.T. -0.002 min
Lab File: BM032624.D
Acq: 20 Oct 2021 18:24



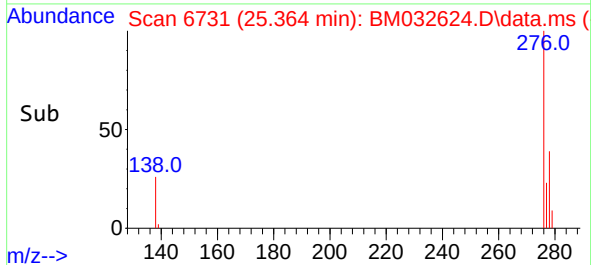
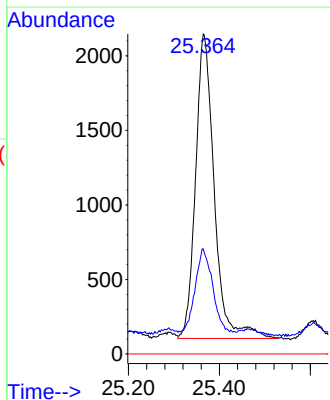
Tgt Ion:252 Resp: 4209
Ion Ratio Lower Upper
252 100
253 52.5 23.6 35.4#
125 40.4 17.1 25.7#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.08 ng/u1
RT: 25.364 min Scan# 6731
Delta R.T. -0.007 min
Lab File: BM032624.D
Acq: 20 Oct 2021 18:24



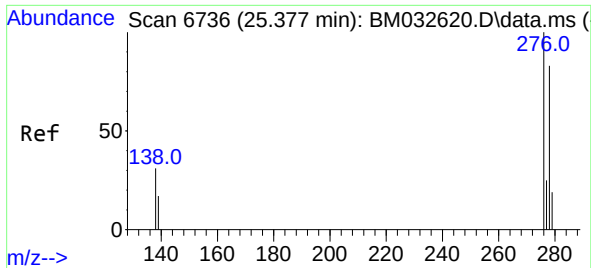
Tgt Ion:276 Resp: 5823
Ion Ratio Lower Upper
276 100
138 25.7 24.9 37.3
227 0.0 0.0 0.0



Instrument :
BNA_M
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#28
Dibenzo(a,h)anthracene
Concen: 0.04 ng/ul
RT: 25.360 min Scan# 6729
Delta R.T. -0.017 min
Lab File: BM032624.D
Acq: 20 Oct 2021 18:24

Tgt Ion:278 Resp: 2419
Ion Ratio Lower Upper
278 100
139 31.7 18.6 28.0#
279 60.5 22.0 33.0#

Instrument :
BNA_M
ClientSampleId :
C0B29DL

Manual Integrations
APPROVED

mohammad
10/21/2021 11:17:02 AM

