

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101921\
 Data File : BM032613.D
 Acq On : 20 Oct 2021 11:03
 Operator : CG/JU
 Sample : M4181-03
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B09

Manual Integrations
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Quant Time: Oct 20 12:03:20 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 : Tue Oct 19 15:20:30 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.553	152	6815	0.40	ng/ul	0.00
4) Naphthalene-d8	10.339	136	21912	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.209	164	10653	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.946	188	19581	0.40	ng/ul	# 0.00
17) Chrysene-d12	21.123	240	13383	0.40	ng/ul	0.00
23) Perylene-d12	23.264	264	11416	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.917	96	25000	3.27	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.936	152	5095	0.17	ng/ul	0.00
18) Fluoranthene-d10	18.973	212	7946	0.19	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.389	128	5907	0.09	ng/ul	97
7) 2-Methylnaphthalene	12.012	142	3556	0.08	ng/ul	99
8) 1-Methylnaphthalene	12.233	142	2895	0.07	ng/ul	99
10) Acenaphthylene	13.928	152	4799	0.11	ng/ul	99
11) Acenaphthene	14.274	153	1435	0.03	ng/ul	95
12) Fluorene	15.260	166	4090	0.09	ng/ul#	99
15) Phenanthrene	16.988	178	119565	1.82	ng/ul	98
16) Anthracene	17.075	178	24206	0.42	ng/ul	100
19) Fluoranthene	19.004	202	178344	2.69	ng/ul	98
20) Pyrene	19.362	202	81623	1.20	ng/ul	100
21) Benzo(a)anthracene	21.109	228	54566	1.04	ng/ul	100
22) Chrysene	21.159	228	55451	0.96	ng/ul	99
24) Benzo(b)fluoranthene	22.627	252	63173m	1.20	ng/ul	
25) Benzo(k)fluoranthene	22.665	252	25012m	0.48	ng/ul	
26) Benzo(a)pyrene	23.169	252	11574	0.26	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	25.372	276	13298	0.25	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.374	278	6566	0.15	ng/ul#	87

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

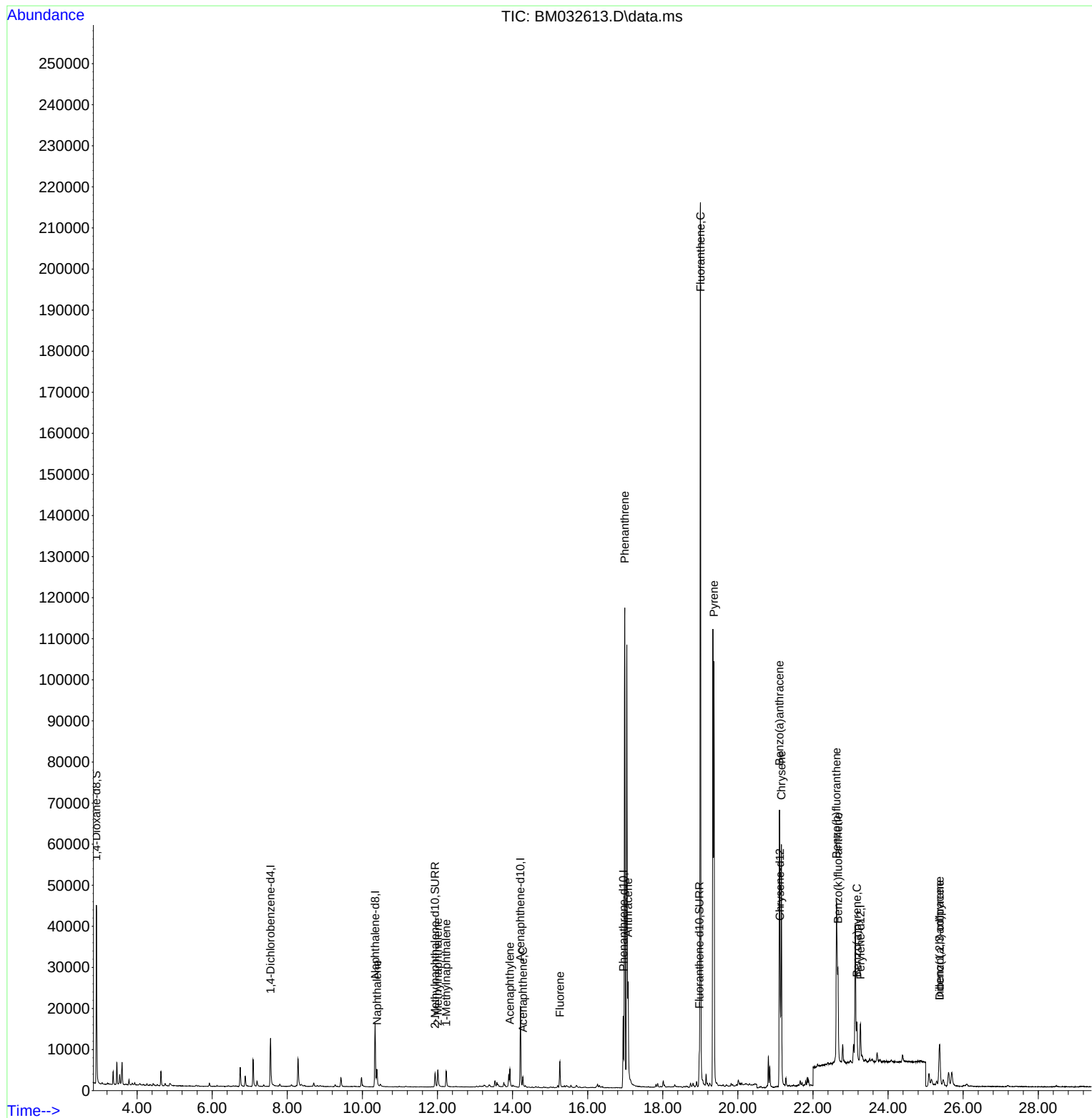
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101921\
Data File : BM032613.D
Acq On : 20 Oct 2021 11:03
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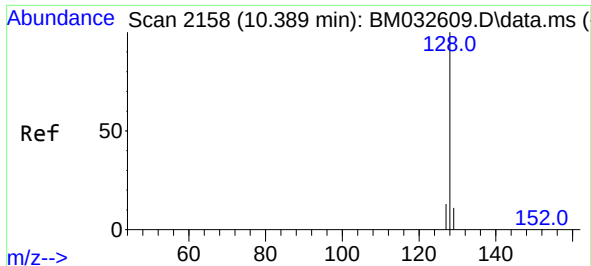
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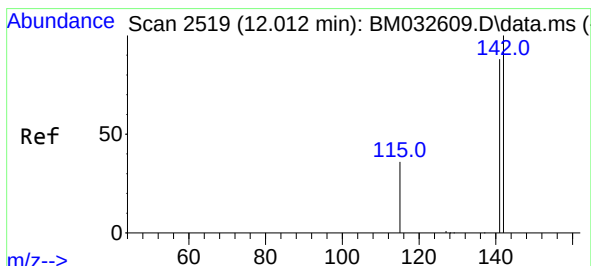
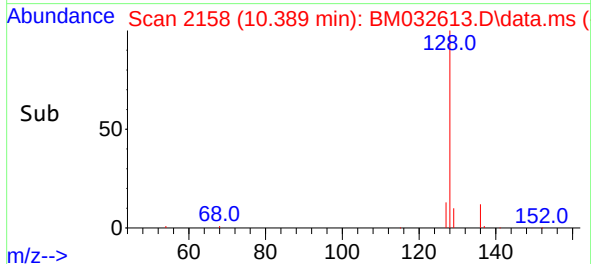
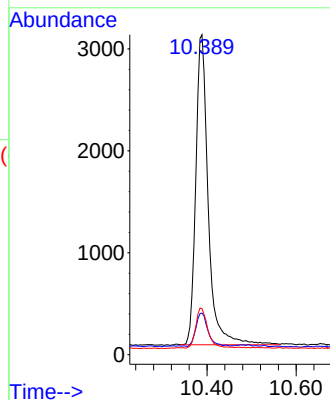
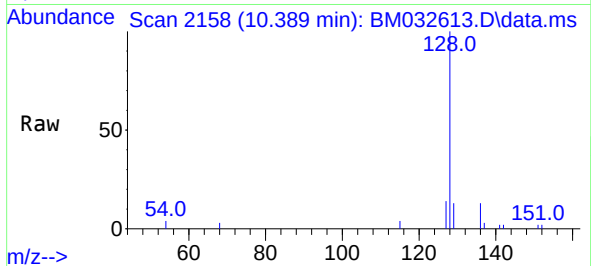
#5
Naphthalene
Concen: 0.09 ng/ul
RT: 10.389 min Scan# 2158
Delta R.T. -0.004 min
Lab File: BM032613.D
Acq: 20 Oct 2021 11:03

Tgt Ion:	128	Resp:	5907
Ion Ratio	Lower	Upper	
128	100		
129	13.0	9.1	13.7
127	14.4	11.1	16.7

Instrument :
BNA_M
ClientSampleId :
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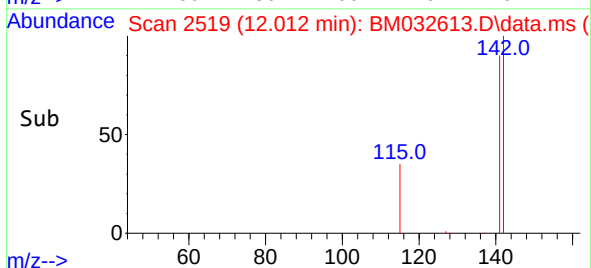
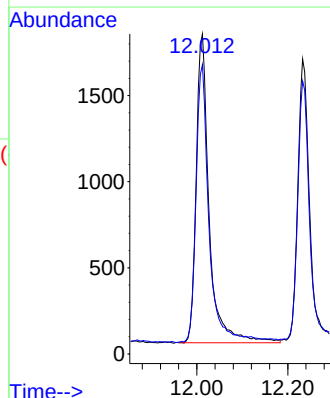
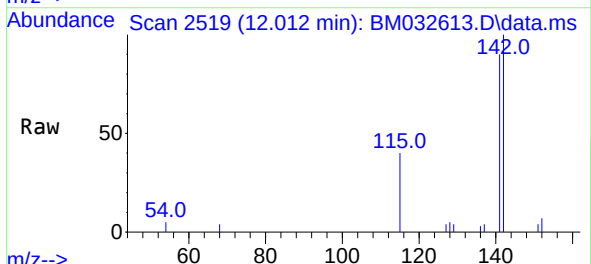
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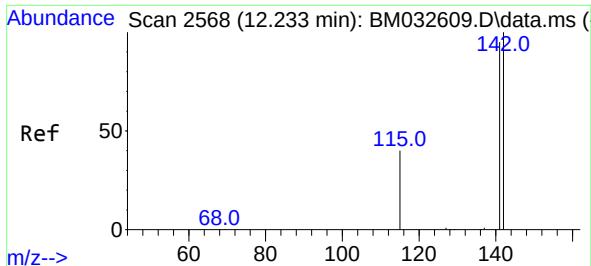
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#7
2-Methylnaphthalene
Concen: 0.08 ng/ul
RT: 12.012 min Scan# 2519
Delta R.T. 0.000 min
Lab File: BM032613.D
Acq: 20 Oct 2021 11:03

Tgt Ion:	142	Resp:	3556
Ion Ratio	Lower	Upper	
142	100		
141	91.3	72.2	108.2





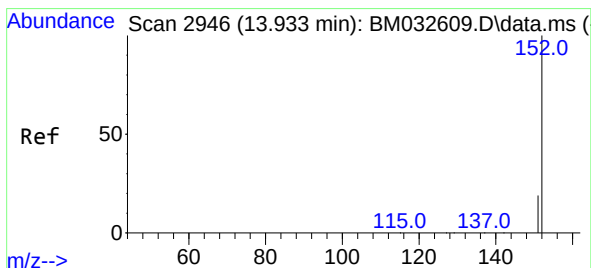
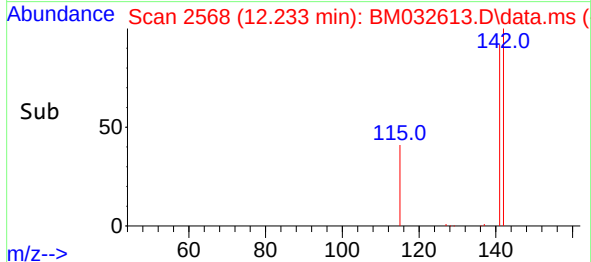
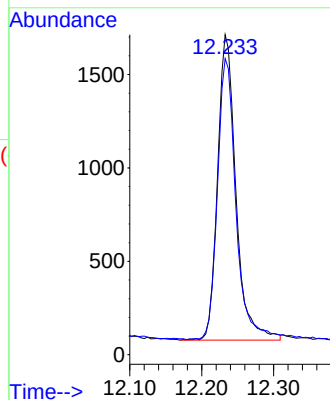
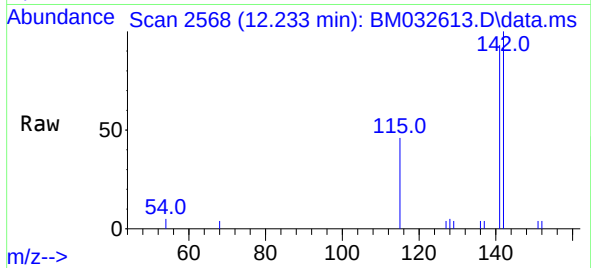
#8
1-Methylnaphthalene
Concen: 0.07 ng/ul
RT: 12.233 min Scan# 2568
Delta R.T. -0.004 min
Lab File: BM032613.D
Acq: 20 Oct 2021 11:03

Tgt Ion:142 Resp: 2895
Ion Ratio Lower Upper
142 100
141 92.7 74.9 112.3

Instrument :
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ClientSampleId :
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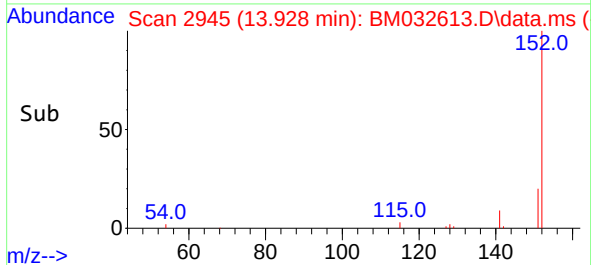
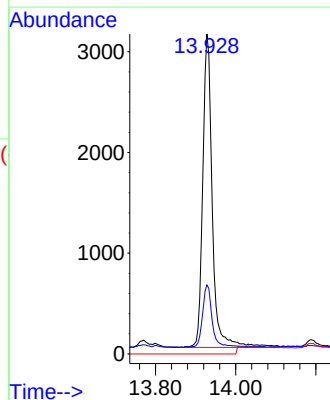
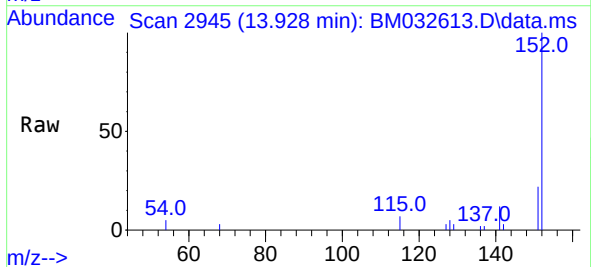
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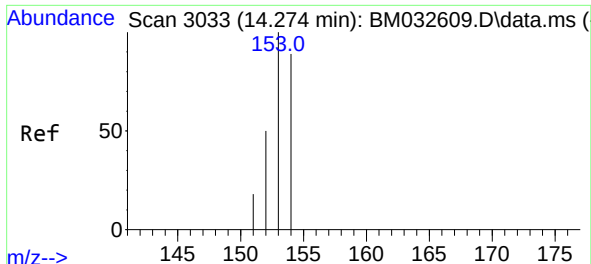
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#10
Acenaphthylene
Concen: 0.11 ng/ul
RT: 13.928 min Scan# 2945
Delta R.T. -0.004 min
Lab File: BM032613.D
Acq: 20 Oct 2021 11:03

Tgt Ion:152 Resp: 4799
Ion Ratio Lower Upper
152 100
151 21.6 16.7 25.1
153 0.0 0.0 0.0





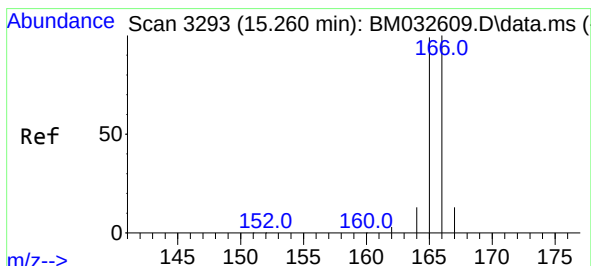
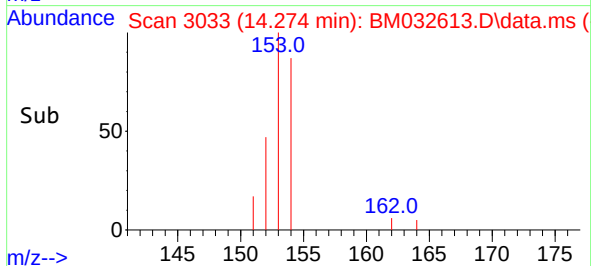
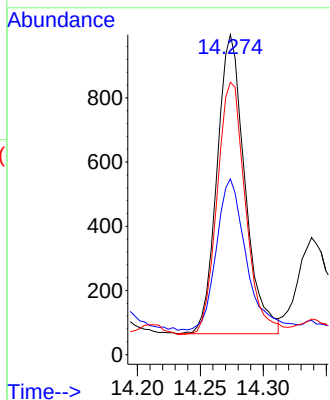
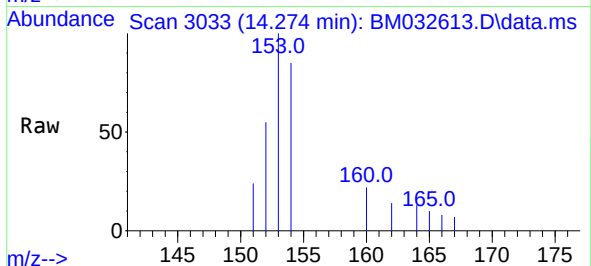
#11
Acenaphthene
Concen: 0.03 ng/u1
RT: 14.274 min Scan# 3033
Delta R.T. -0.004 min
Lab File: BM032613.D
Acq: 20 Oct 2021 11:03

Tgt Ion	Ratio	Lower	Upper
153	100		
152	55.0	40.4	60.6
154	85.2	70.8	106.2

Instrument :
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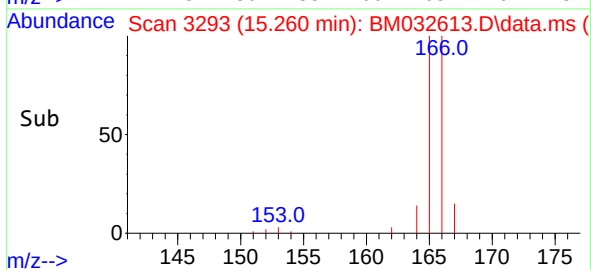
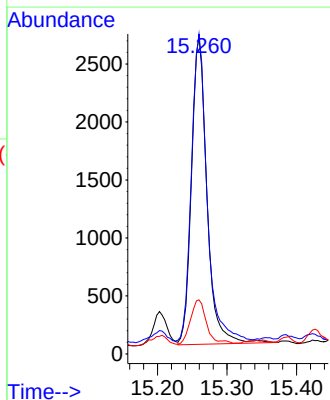
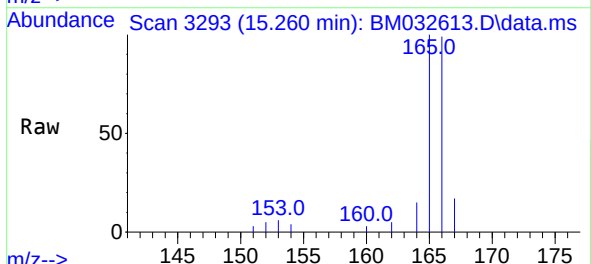
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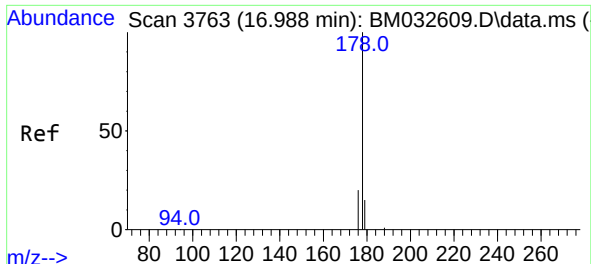
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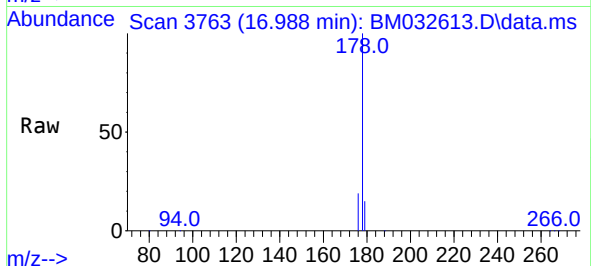
#12
Fluorene
Concen: 0.09 ng/u1
RT: 15.260 min Scan# 3293
Delta R.T. -0.004 min
Lab File: BM032613.D
Acq: 20 Oct 2021 11:03

Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.2	80.7	121.1
167	17.1	11.2	16.8#

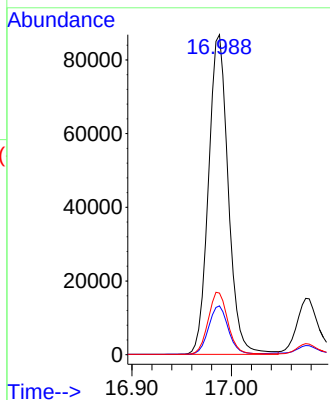




#15
Phenanthrene
Concen: 1.82 ng/ul
RT: 16.988 min Scan# 3763
Delta R.T. 0.000 min
Lab File: BM032613.D
Acq: 20 Oct 2021 11:03



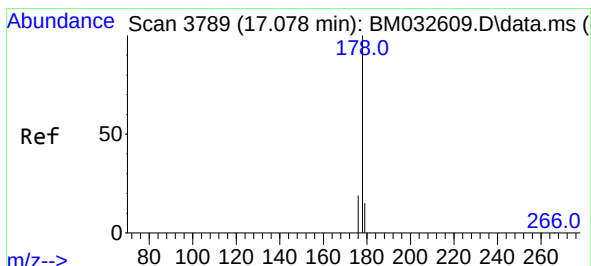
Tgt Ion:178 Resp: 119565
Ion Ratio Lower Upper
178 100
179 15.3 12.9 19.3
176 19.2 16.1 24.1



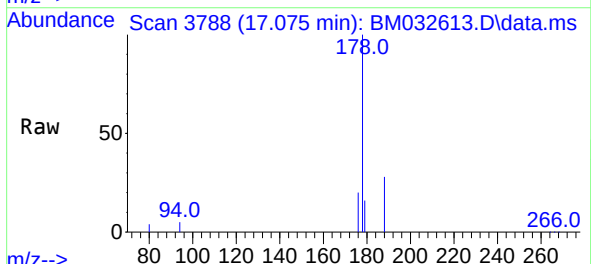
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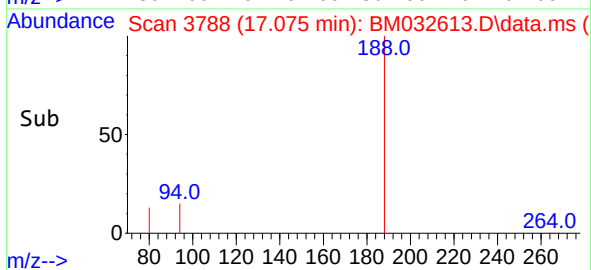
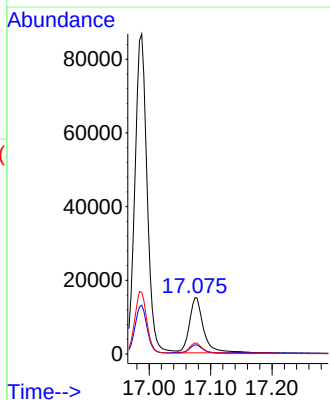
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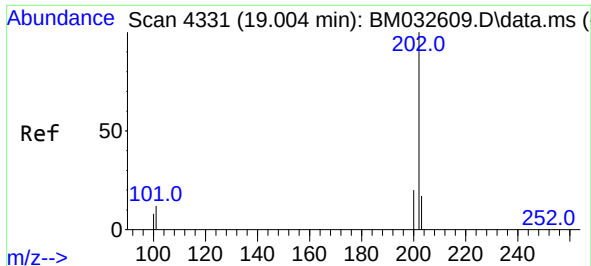


#16
Anthracene
Concen: 0.42 ng/ul
RT: 17.075 min Scan# 3788
Delta R.T. -0.003 min
Lab File: BM032613.D
Acq: 20 Oct 2021 11:03



Tgt Ion:178 Resp: 24206
Ion Ratio Lower Upper
178 100
179 16.1 12.9 19.3
176 19.6 15.8 23.6





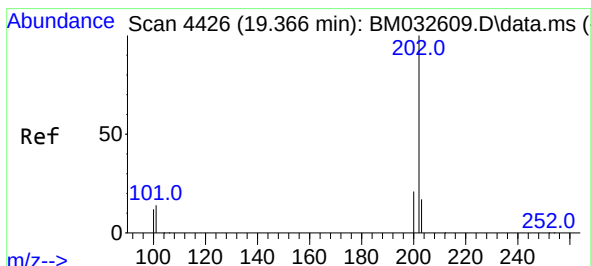
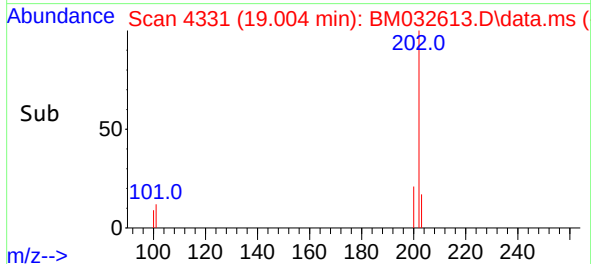
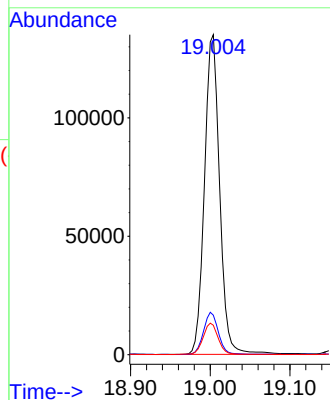
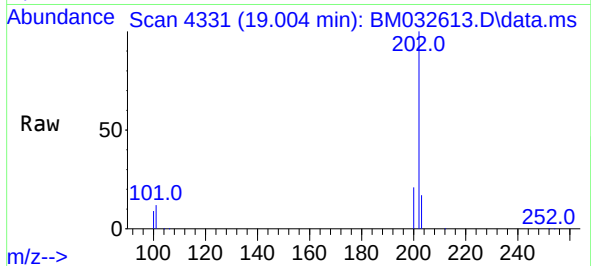
#19
Fluoranthene
Concen: 2.69 ng/ul
RT: 19.004 min Scan# 4331
Delta R.T. 0.000 min
Lab File: BM032613.D
Acq: 20 Oct 2021 11:03

Tgt Ion:	202	Resp:	178344
Ion	Ratio	Lower	Upper
202	100		
101	12.3	10.6	16.0
100	9.2	7.8	11.8

Instrument :
BNA_M
ClientSampleId :
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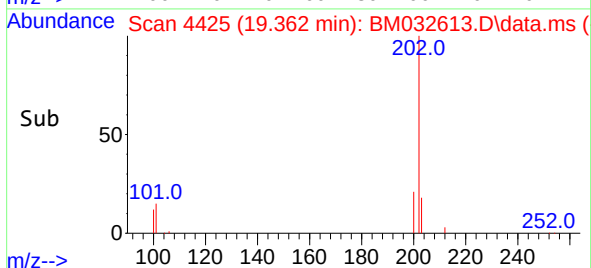
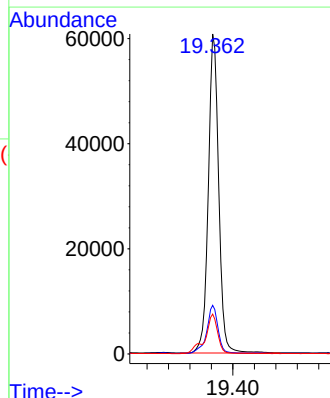
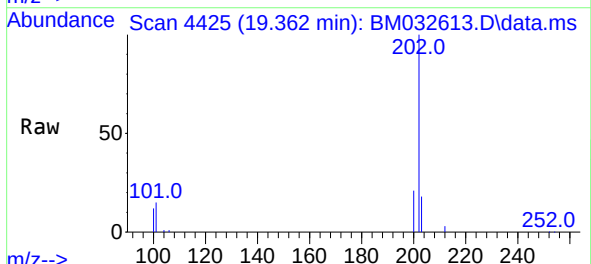
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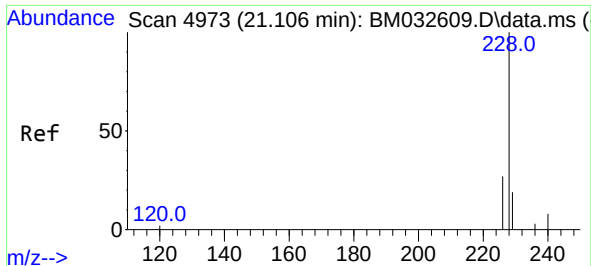
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#20
Pyrene
Concen: 1.20 ng/ul
RT: 19.362 min Scan# 4425
Delta R.T. -0.004 min
Lab File: BM032613.D
Acq: 20 Oct 2021 11:03

Tgt Ion:	202	Resp:	81623
Ion	Ratio	Lower	Upper
202	100		
101	15.2	12.3	18.5
100	12.4	10.1	15.1





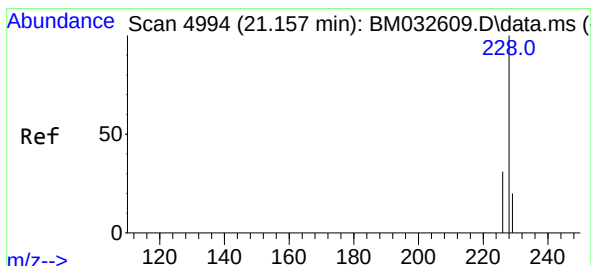
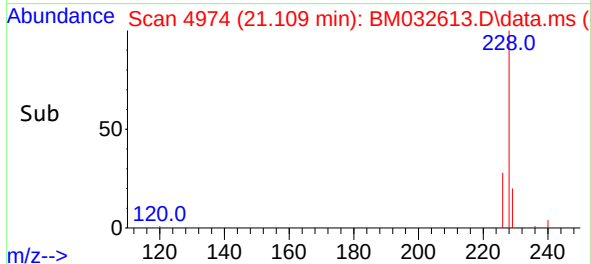
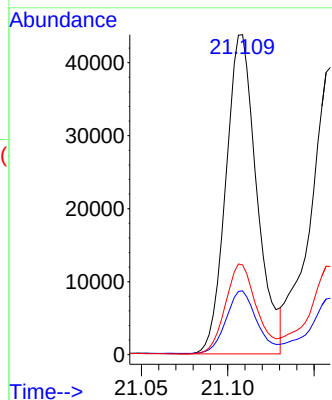
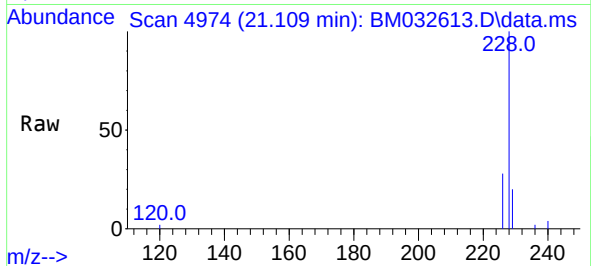
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Benzo(a)anthracene
Concen: 1.04 ng/ul
RT: 21.109 min Scan# 4974
Delta R.T. 0.003 min
Lab File: BM032613.D
Acq: 20 Oct 2021 11:03

Tgt Ion:	228	Resp:	54566
Ion Ratio	Lower	Upper	
228	100		
229	20.0	15.9	23.9
226	28.0	22.4	33.6

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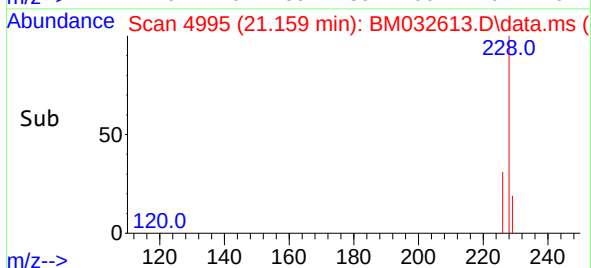
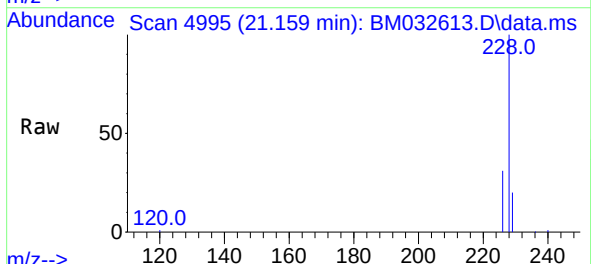
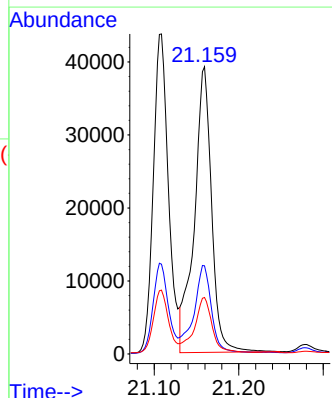
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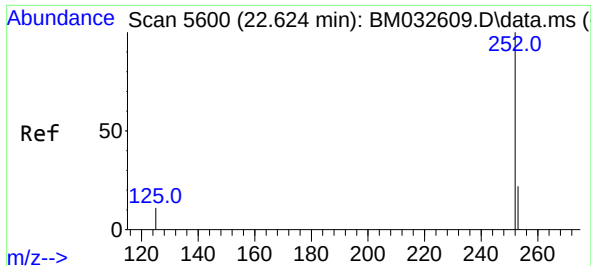
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#22
Chrysene
Concen: 0.96 ng/ul
RT: 21.159 min Scan# 4995
Delta R.T. 0.000 min
Lab File: BM032613.D
Acq: 20 Oct 2021 11:03

Tgt Ion:	228	Resp:	55451
Ion Ratio	Lower	Upper	
228	100		
226	30.7	25.1	37.7
229	19.7	15.7	23.5





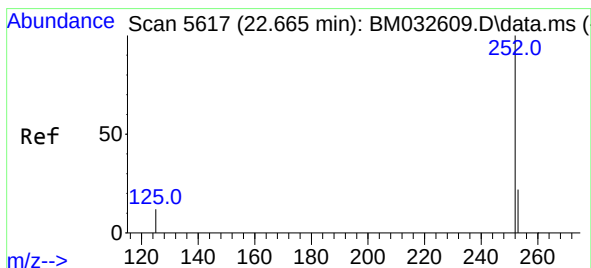
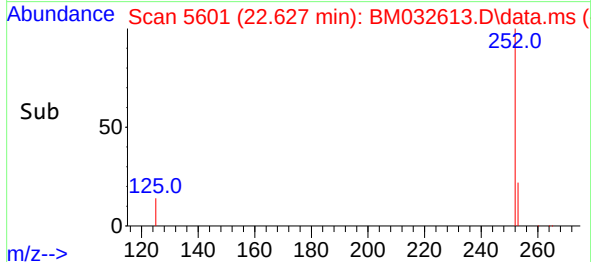
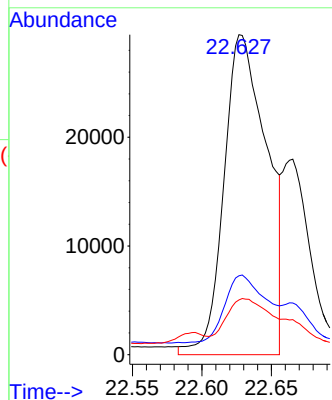
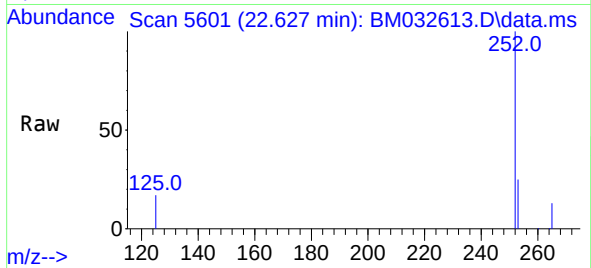
#24
Benzo(b)fluoranthene
Concen: 1.20 ng/ul m
RT: 22.627 min Scan# 5601
Delta R.T. 0.000 min
Lab File: BM032613.D
Acq: 20 Oct 2021 11:03

Tgt Ion:252	Resp:	63173
Ion Ratio	Lower	Upper
252	100	
253	24.7	0.0 53.8
125	17.1	0.0 35.6

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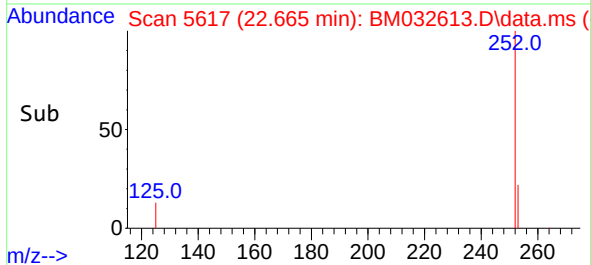
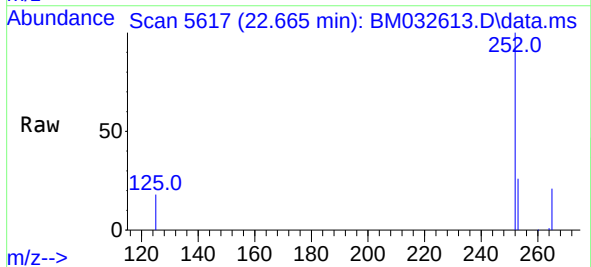
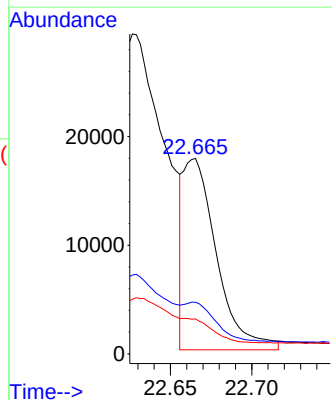
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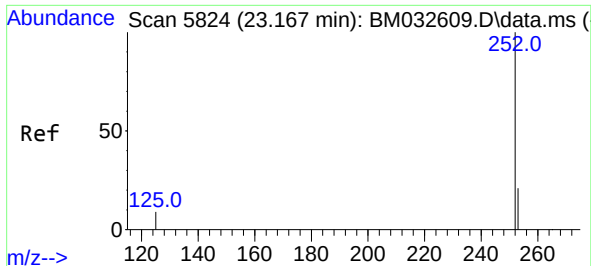
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#25
Benzo(k)fluoranthene
Concen: 0.48 ng/ul m
RT: 22.665 min Scan# 5617
Delta R.T. -0.002 min
Lab File: BM032613.D
Acq: 20 Oct 2021 11:03

Tgt Ion:252	Resp:	25012
Ion Ratio	Lower	Upper
252	100	
253	26.4	21.8 32.6
125	17.9	14.4 21.6





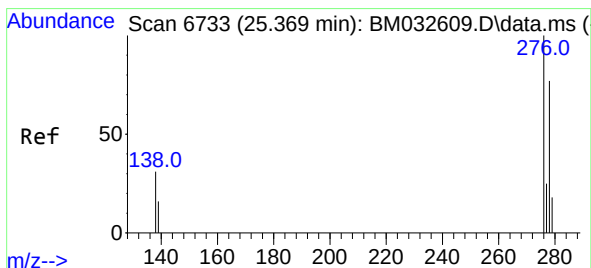
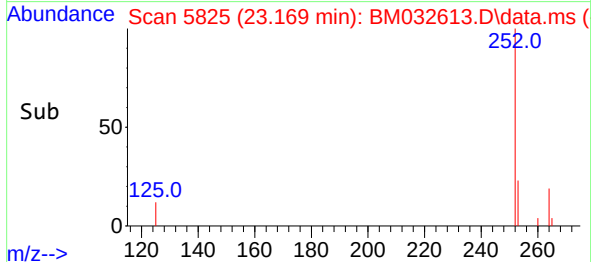
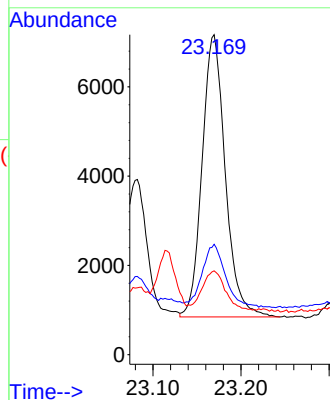
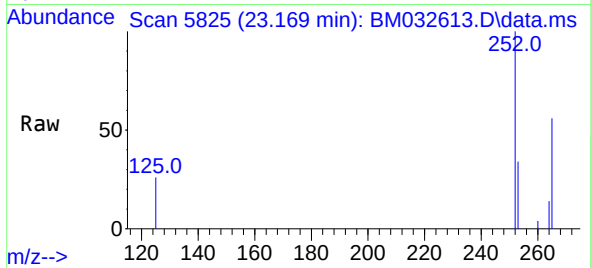
#26
Benzo(a)pyrene
Concen: 0.26 ng/ul
RT: 23.169 min Scan# 5825
Delta R.T. 0.000 min
Lab File: BM032613.D
Acq: 20 Oct 2021 11:03

Tgt Ion:	252	Resp:	11574
Ion Ratio	Lower	Upper	
252	100		
253	34.5	23.6	35.4
125	26.2	17.1	25.7#

Instrument :
BNA_M
ClientSampleId :
C0B09

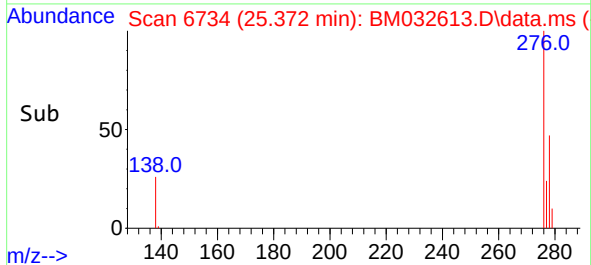
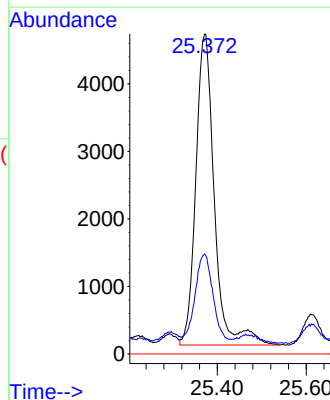
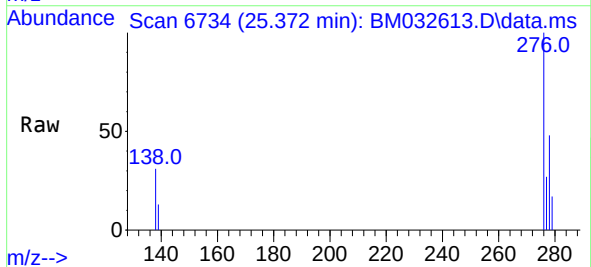
Manual Integrations
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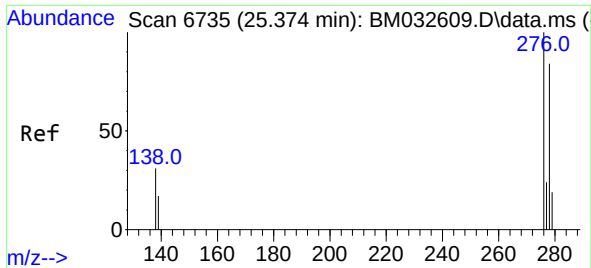
mohammad
10/20/2021 1:56:12 PM



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.25 ng/ul
RT: 25.372 min Scan# 6734
Delta R.T. -0.007 min
Lab File: BM032613.D
Acq: 20 Oct 2021 11:03

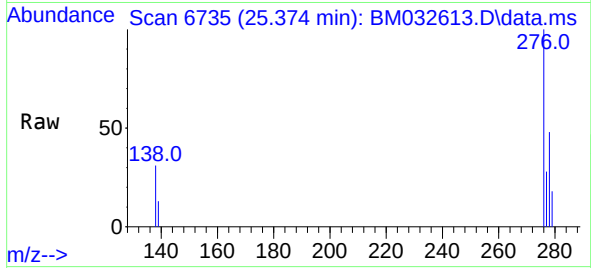
Tgt Ion:	276	Resp:	13298
Ion Ratio	Lower	Upper	
276	100		
138	25.6	24.9	37.3
227	0.0	0.0	0.0





#28
 Dibenzo(a,h)anthracene
 Concen: 0.15 ng/ul
 RT: 25.374 min Scan# 6735
 Delta R.T. -0.010 min
 Lab File: BM032613.D
 Acq: 20 Oct 2021 11:03

Instrument :
 BNA_M
 ClientSampleId :
 C0B09



Tgt Ion:278 Resp: 6566
 Ion Ratio Lower Upper
 278 100
 139 26.4 18.6 28.0
 279 37.2 22.0 33.0#

Manual Integrations
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mohammad
 10/20/2021 1:56:12 PM

