

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101821\
 Data File : BM032569.D
 Acq On : 18 Oct 2021 12:29
 Operator : CG/JU
 Sample : M4029-19DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C00T0DL

Manual Integrations
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Quant Time: Oct 18 13:02:12 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 : Mon Oct 18 10:38:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.553	152	4278	0.40	ng/ul	0.00
4) Naphthalene-d8	10.335	136	13273	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.209	164	6134	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.946	188	10569	0.40	ng/ul	# 0.00
17) Chrysene-d12	21.126	240	7343	0.40	ng/ul	0.00
23) Perylene-d12	23.261	264	6624	0.40	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.924	96	2639	0.55	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.936	152	556	0.03	ng/ul	0.00
18) Fluoranthene-d10	18.970	212	812	0.04	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.384	128	2180	0.05	ng/ul#	90
7) 2-Methylnaphthalene	12.008	142	1221	0.05	ng/ul	99
8) 1-Methylnaphthalene	12.228	142	744	0.03	ng/ul	98
10) Acenaphthylene	13.928	152	1620	0.06	ng/ul#	90
12) Fluorene	15.260	166	755	0.03	ng/ul#	93
15) Phenanthrene	16.988	178	16713	0.47	ng/ul	99
16) Anthracene	17.075	178	2133m	0.07	ng/ul	
19) Fluoranthene	19.000	202	40192	1.11	ng/ul	99
20) Pyrene	19.362	202	34838	0.93	ng/ul	99
21) Benzo(a)anthracene	21.109	228	13038	0.45	ng/ul	98
22) Chrysene	21.162	228	18545	0.59	ng/ul	98
24) Benzo(b)fluoranthene	22.629	252	24608m	0.80	ng/ul	
25) Benzo(k)fluoranthene	22.663	252	10194m	0.33	ng/ul	
26) Benzo(a)pyrene	23.167	252	14149	0.55	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.362	276	11922	0.38	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.360	278	2651	0.11	ng/ul#	65
29) Benzo(g,h,i)perylene	26.004	276	11346	0.42	ng/ul	98

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

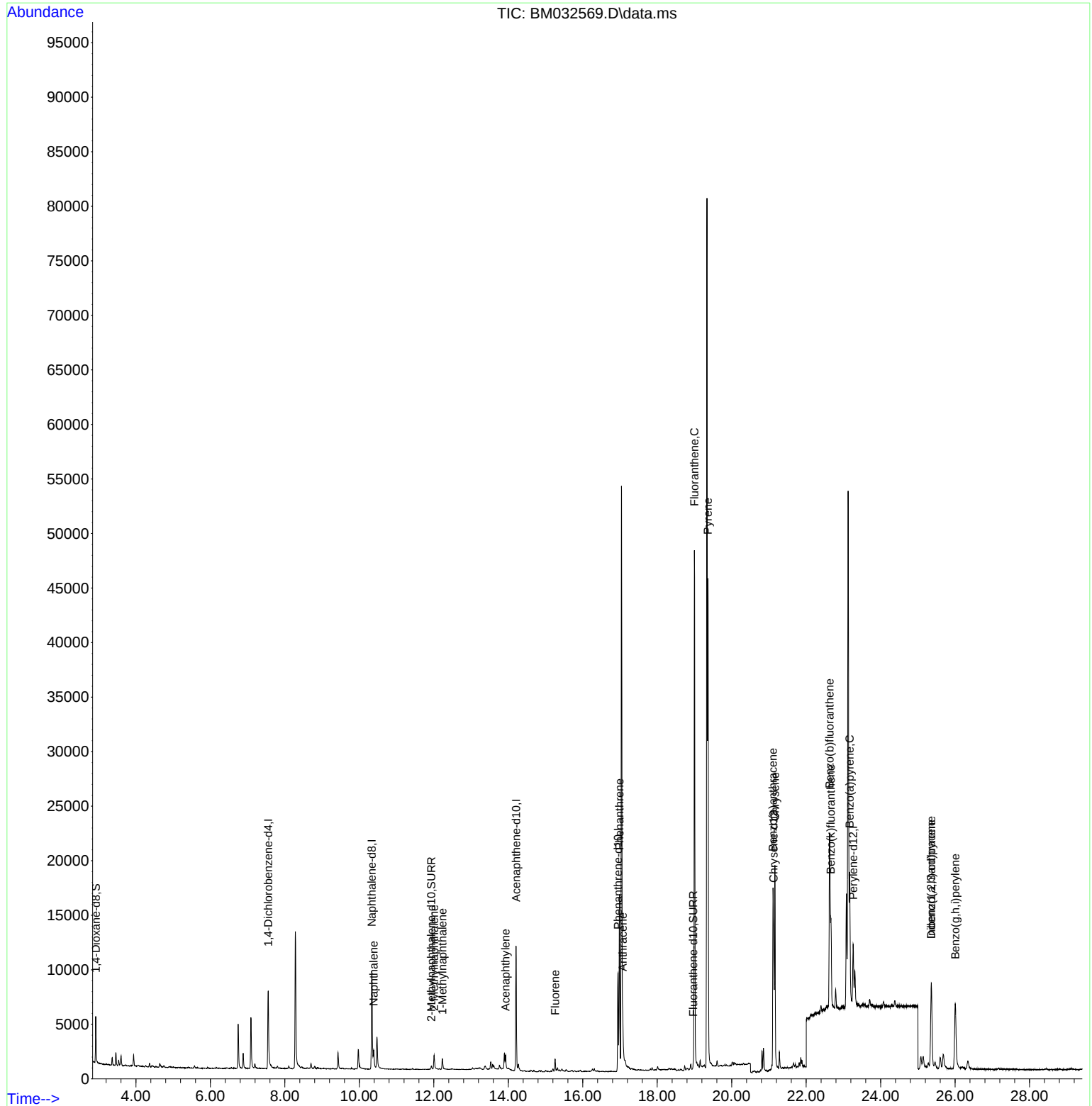
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101821\
Data File : BM032569.D
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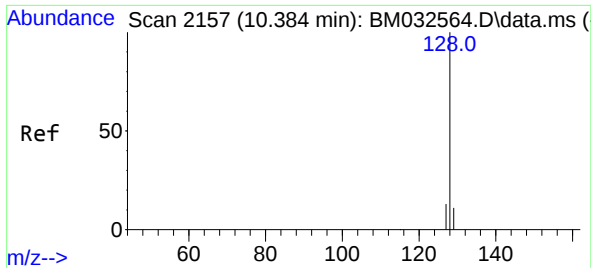
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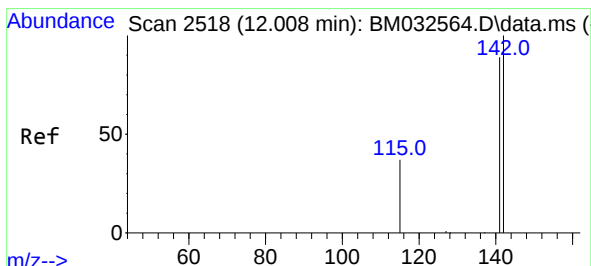
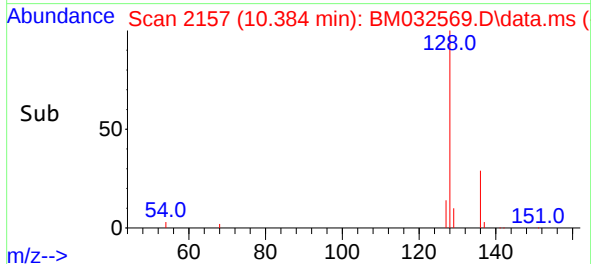
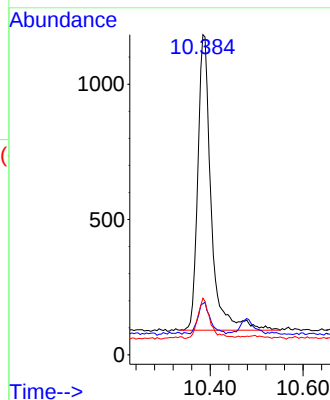
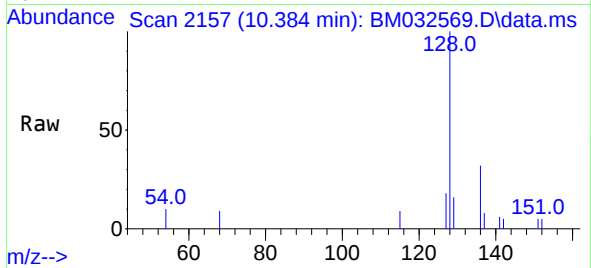
#5
Naphthalene
Concen: 0.05 ng/ul
RT: 10.384 min Scan# 2157
Delta R.T. 0.000 min
Lab File: BM032569.D
Acq: 18 Oct 2021 12:29

Tgt Ion:128 Resp: 2180
Ion Ratio Lower Upper
128 100
129 16.0 9.1 13.7#
127 17.7 11.1 16.7#

Instrument :
BNA_M
ClientSampled :
C00T0DL

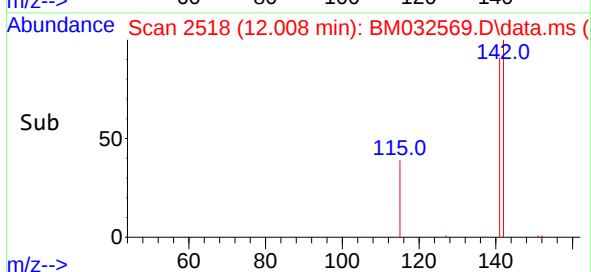
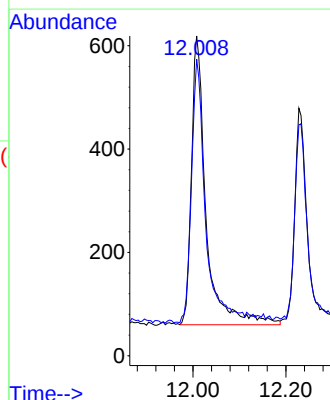
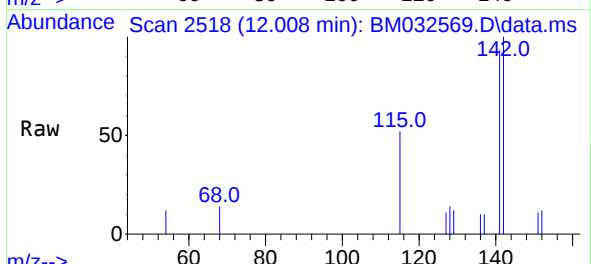
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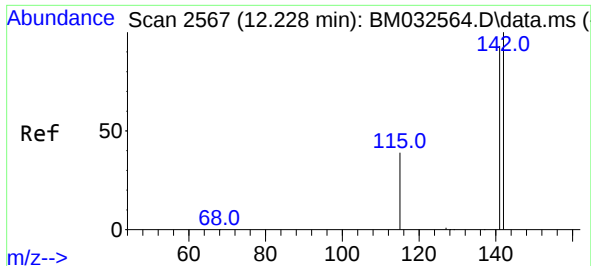
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#7
2-Methylnaphthalene
Concen: 0.05 ng/ul
RT: 12.008 min Scan# 2518
Delta R.T. 0.000 min
Lab File: BM032569.D
Acq: 18 Oct 2021 12:29

Tgt Ion:142 Resp: 1221
Ion Ratio Lower Upper
142 100
141 89.5 72.2 108.2





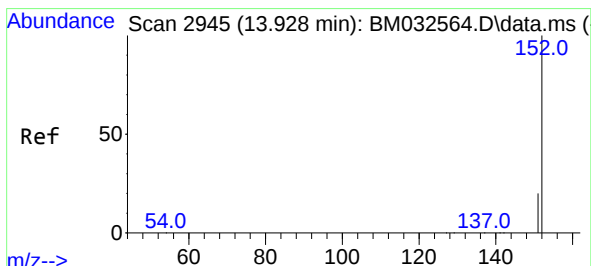
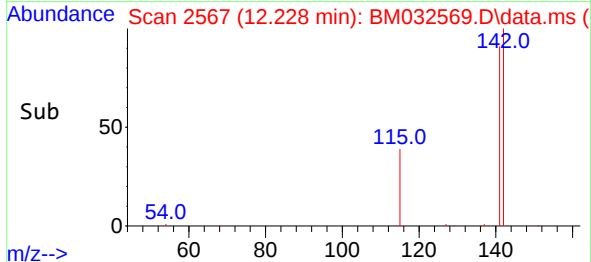
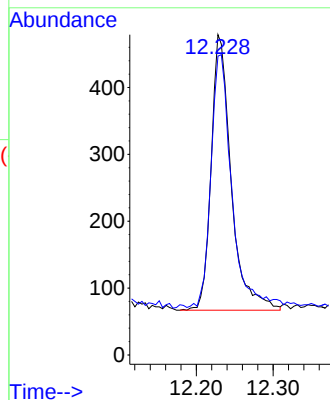
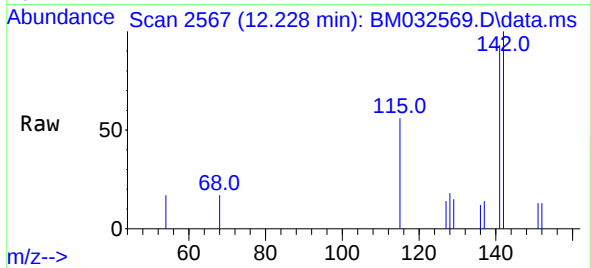
#8
1-Methylnaphthalene
Concen: 0.03 ng/ul
RT: 12.228 min Scan# 2567
Delta R.T. 0.000 min
Lab File: BM032569.D
Acq: 18 Oct 2021 12:29

Tgt Ion:142 Resp: 744
Ion Ratio Lower Upper
142 100
141 95.2 74.9 112.3

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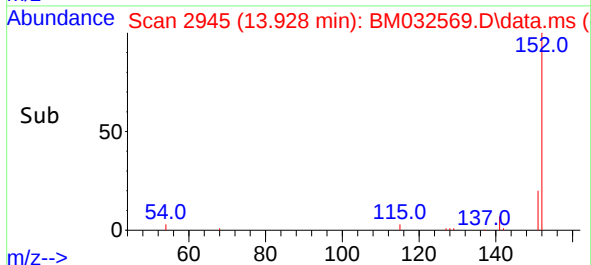
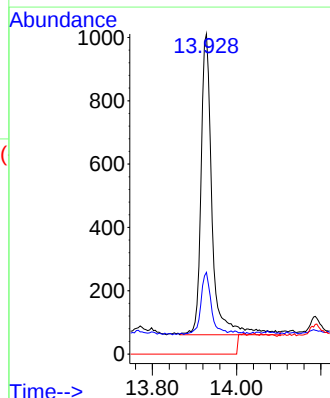
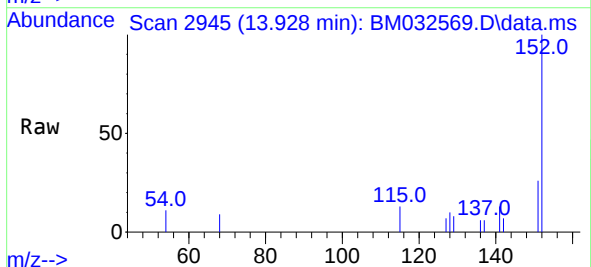
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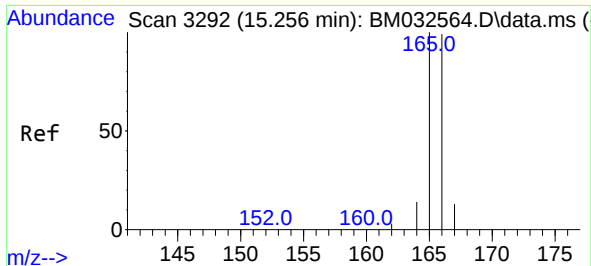
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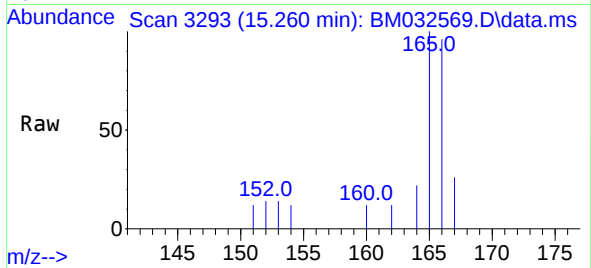
#10
Acenaphthylene
Concen: 0.06 ng/ul
RT: 13.928 min Scan# 2945
Delta R.T. 0.000 min
Lab File: BM032569.D
Acq: 18 Oct 2021 12:29

Tgt Ion:152 Resp: 1620
Ion Ratio Lower Upper
152 100
151 25.5 16.7 25.1#
153 0.0 0.0 0.0

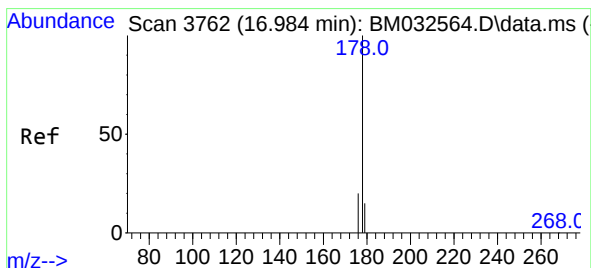
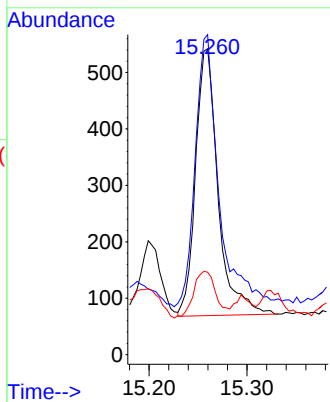
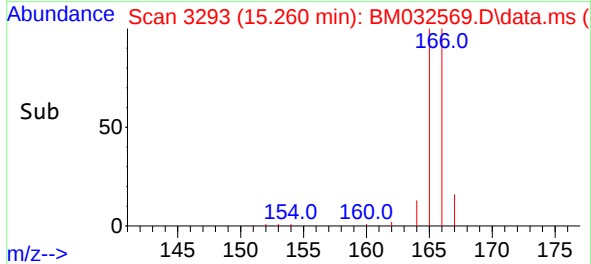




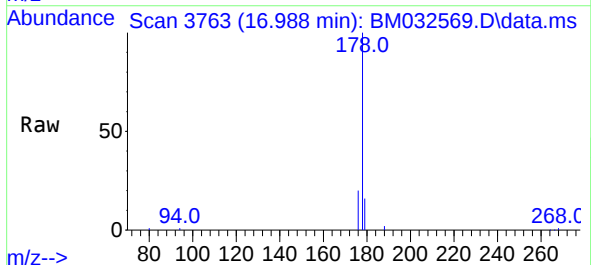
#12
Fluorene
Concen: 0.03 ng/ul
RT: 15.260 min Scan# 3293
Delta R.T. 0.004 min
Lab File: BM032569.D
Acq: 18 Oct 2021 12:29



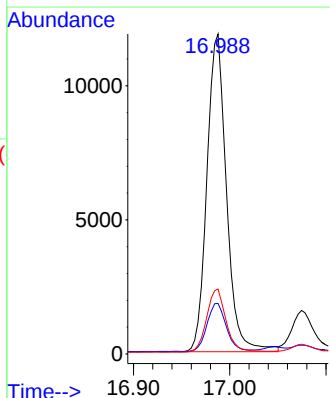
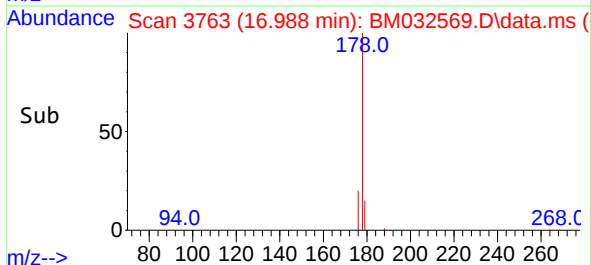
Tgt Ion:166 Resp: 755
Ion Ratio Lower Upper
166 100
165 104.6 80.7 121.1
167 26.9 11.2 16.8#



#15
Phenanthrene
Concen: 0.47 ng/ul
RT: 16.988 min Scan# 3763
Delta R.T. 0.003 min
Lab File: BM032569.D
Acq: 18 Oct 2021 12:29



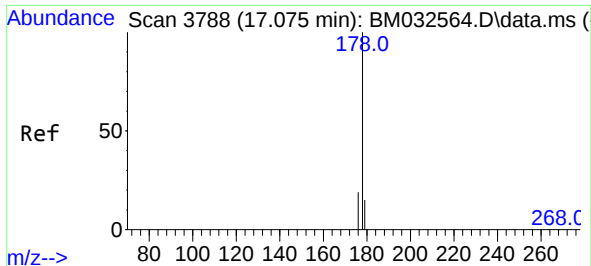
Tgt Ion:178 Resp: 16713
Ion Ratio Lower Upper
178 100
179 15.8 12.9 19.3
176 20.3 16.1 24.1



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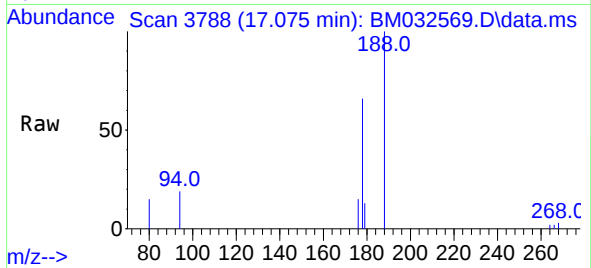
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#16
 Anthracene
 Concen: 0.07 ng/ul m
 RT: 17.075 min Scan# 3788
 Delta R.T. 0.000 min
 Lab File: BM032569.D
 Acq: 18 Oct 2021 12:29

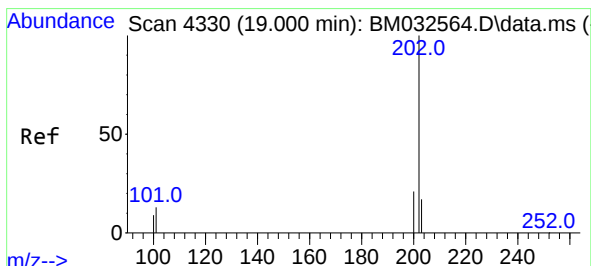
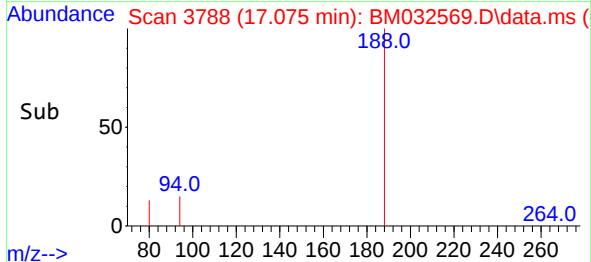
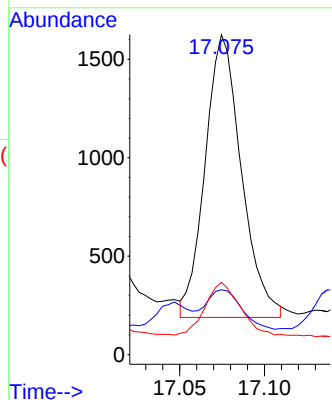
Instrument :
 BNA_M
 ClientSampled :
 C00T0DL



Tgt Ion:	178	Resp:	2133
Ion Ratio	Lower	Upper	
178	100		
179	20.3	12.9	19.3#
176	22.6	15.8	23.6

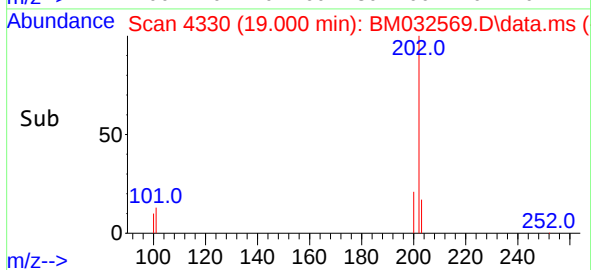
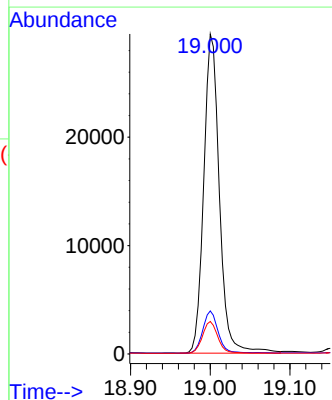
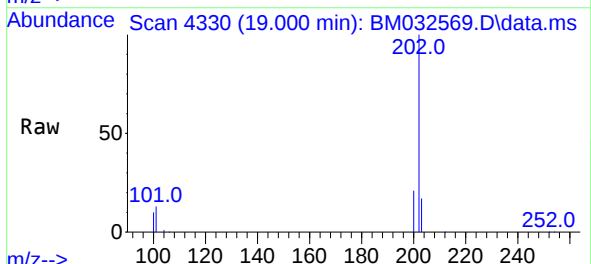
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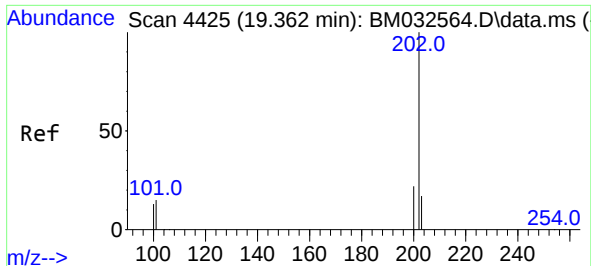
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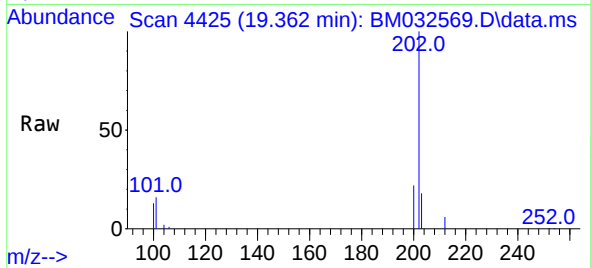
#19
 Fluoranthene
 Concen: 1.11 ng/ul
 RT: 19.000 min Scan# 4330
 Delta R.T. 0.000 min
 Lab File: BM032569.D
 Acq: 18 Oct 2021 12:29

Tgt Ion:	202	Resp:	40192
Ion Ratio	Lower	Upper	
202	100		
101	13.4	10.6	16.0
100	10.1	7.8	11.8

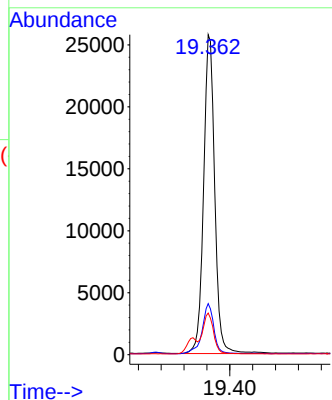




#20
Pyrene
Concen: 0.93 ng/ul
RT: 19.362 min Scan# 4425
Delta R.T. 0.000 min
Lab File: BM032569.D
Acq: 18 Oct 2021 12:29



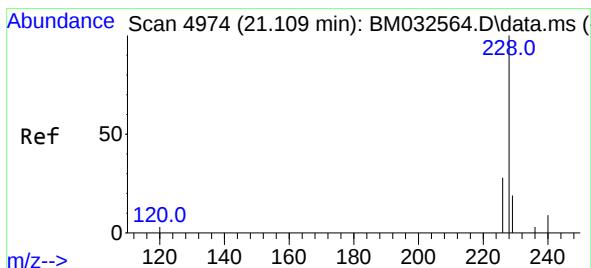
Tgt Ion:202 Resp: 34838
Ion Ratio Lower Upper
202 100
101 16.0 12.3 18.5
100 13.0 10.1 15.1



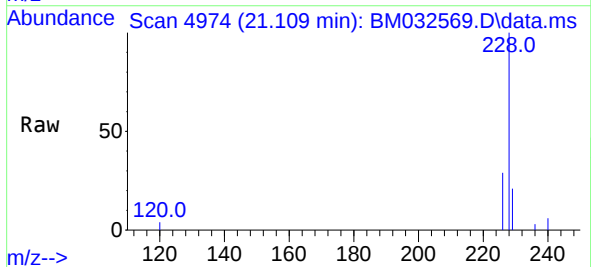
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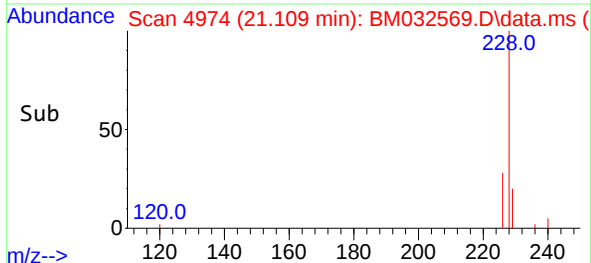
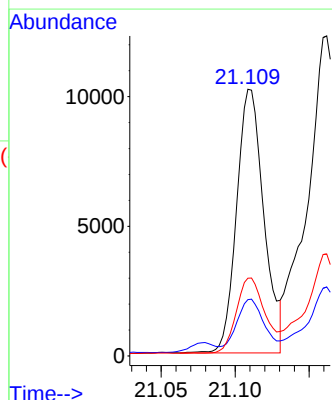
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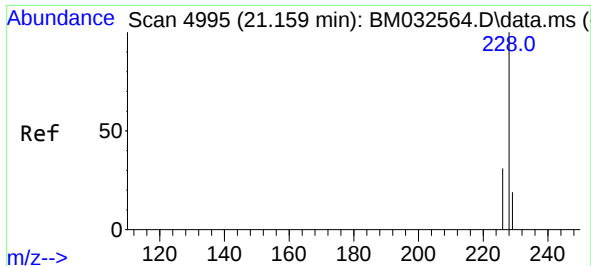


#21
Benzo(a)anthracene
Concen: 0.45 ng/ul
RT: 21.109 min Scan# 4974
Delta R.T. 0.000 min
Lab File: BM032569.D
Acq: 18 Oct 2021 12:29

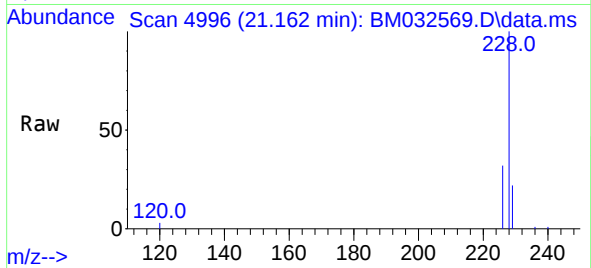


Tgt Ion:228 Resp: 13038
Ion Ratio Lower Upper
228 100
229 21.1 15.9 23.9
226 29.2 22.4 33.6

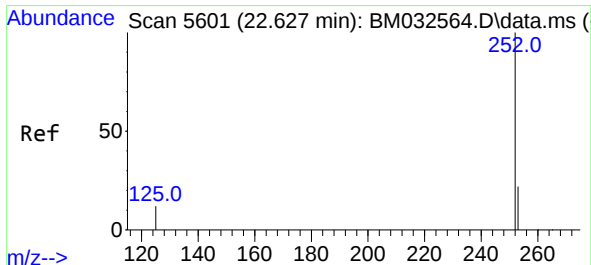
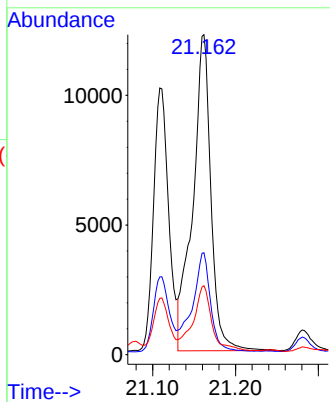
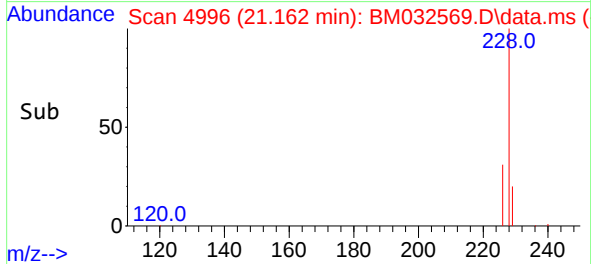




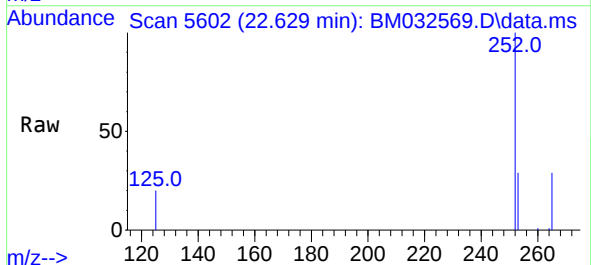
#22
Chrysene
Concen: 0.59 ng/u1
RT: 21.162 min Scan# 4996
Delta R.T. 0.002 min
Lab File: BM032569.D
Acq: 18 Oct 2021 12:29



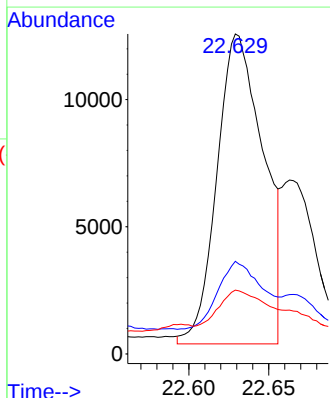
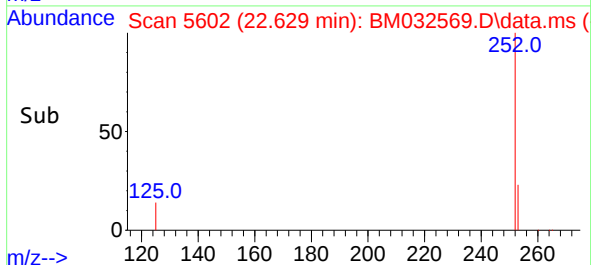
Tgt Ion:228 Resp: 18545
Ion Ratio Lower Upper
228 100
226 31.8 25.1 37.7
229 21.6 15.7 23.5



#24
Benzo(b)fluoranthene
Concen: 0.80 ng/u1 m
RT: 22.629 min Scan# 5602
Delta R.T. 0.002 min
Lab File: BM032569.D
Acq: 18 Oct 2021 12:29



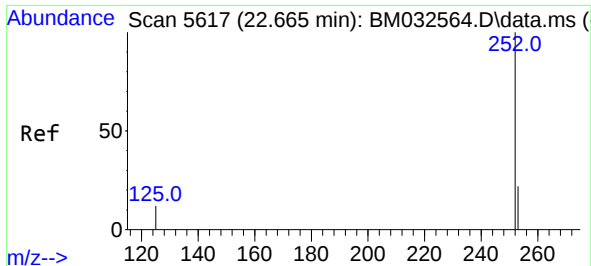
Tgt Ion:252 Resp: 24608
Ion Ratio Lower Upper
252 100
253 29.0 0.0 53.8
125 19.9 0.0 35.6



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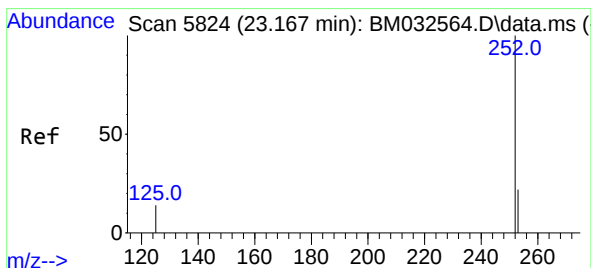
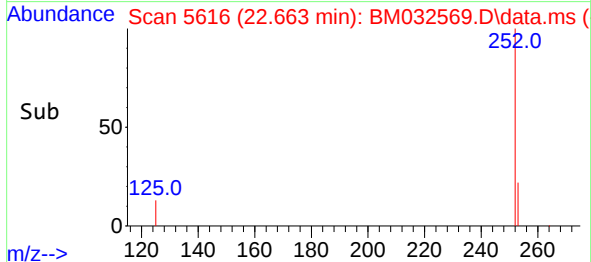
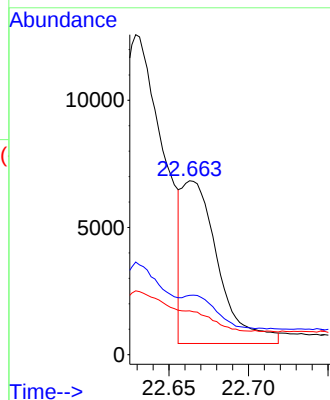
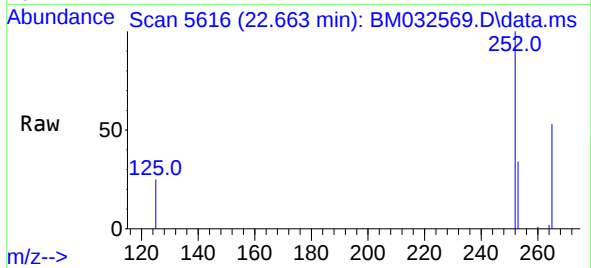
#25
Benzo(k)fluoranthene
Concen: 0.33 ng/ul m
RT: 22.663 min Scan# 5616
Delta R.T. -0.002 min
Lab File: BM032569.D
Acq: 18 Oct 2021 12:29

Tgt Ion:252 Resp: 10194
Ion Ratio Lower Upper
252 100
253 34.1 21.8 32.6#
125 25.2 14.4 21.6#

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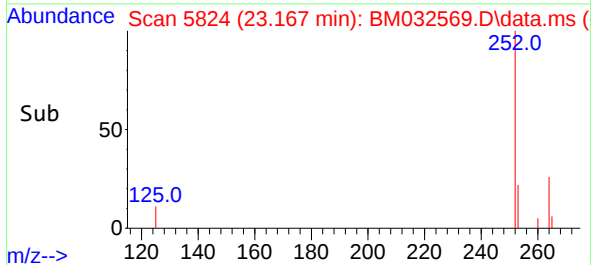
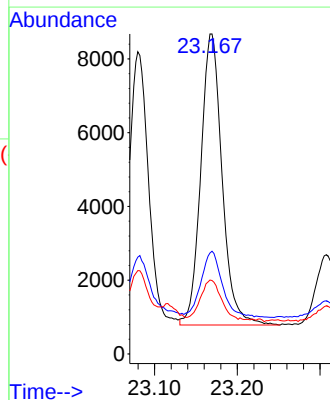
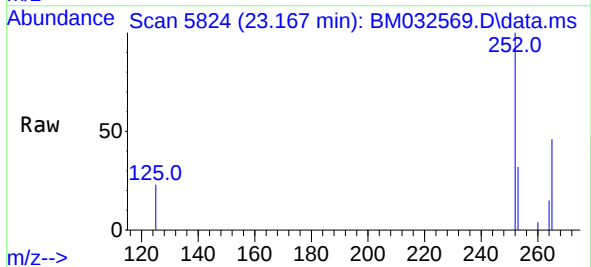
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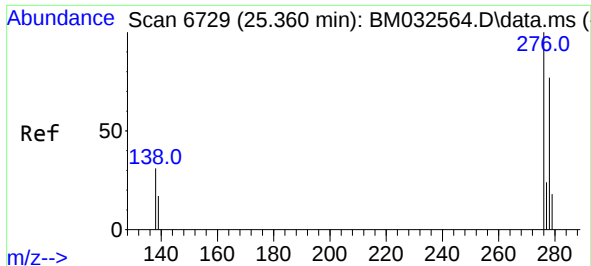
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#26
Benzo(a)pyrene
Concen: 0.55 ng/ul
RT: 23.167 min Scan# 5824
Delta R.T. 0.000 min
Lab File: BM032569.D
Acq: 18 Oct 2021 12:29

Tgt Ion:252 Resp: 14149
Ion Ratio Lower Upper
252 100
253 31.6 23.6 35.4
125 23.1 17.1 25.7





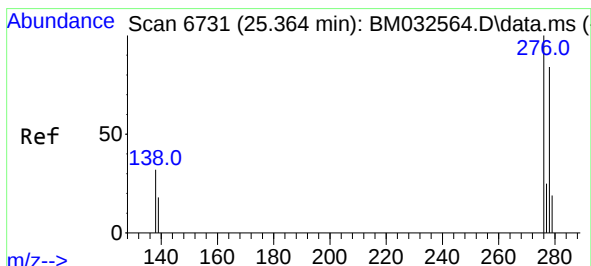
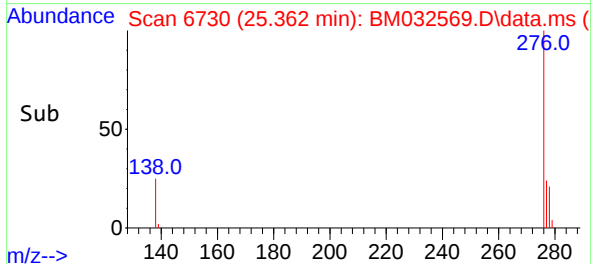
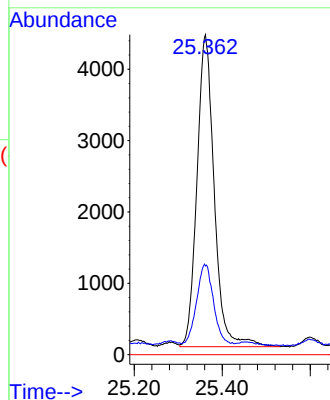
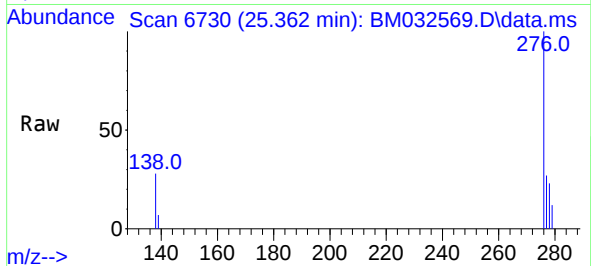
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.38 ng/ul
RT: 25.362 min Scan# 6730
Delta R.T. 0.002 min
Lab File: BM032569.D
Acq: 18 Oct 2021 12:29

Tgt Ion: 276 Resp: 11922
Ion Ratio Lower Upper
276 100
138 24.8 24.9 37.3#
227 0.0 0.0 0.0

Instrument :
BNA_M
ClientSampleId :
C00T0DL

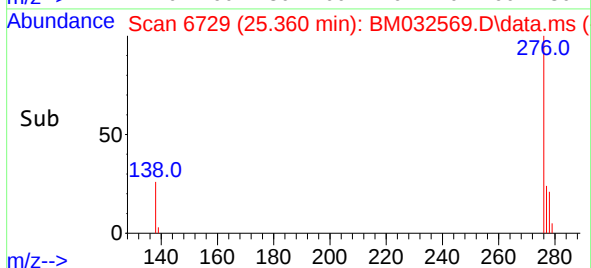
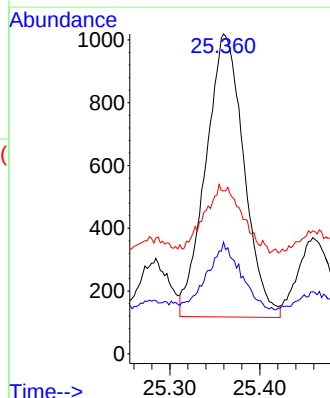
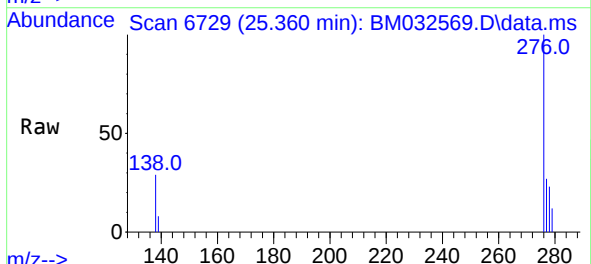
Manual Integrations
APPROVED

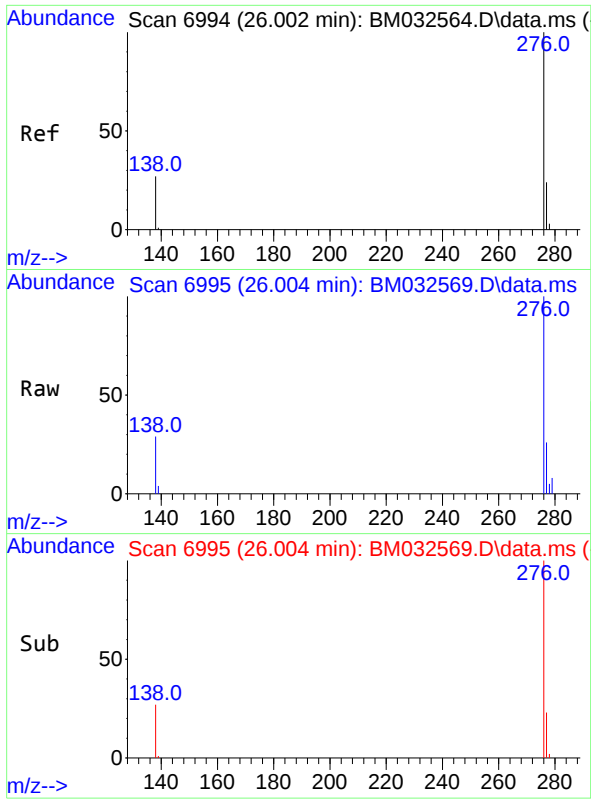
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#28
Dibenzo(a,h)anthracene
Concen: 0.11 ng/ul
RT: 25.360 min Scan# 6729
Delta R.T. -0.005 min
Lab File: BM032569.D
Acq: 18 Oct 2021 12:29

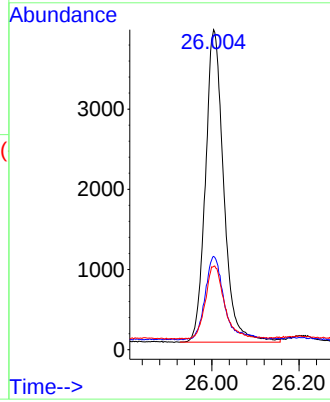
Tgt Ion: 278 Resp: 2651
Ion Ratio Lower Upper
278 100
139 34.9 18.6 28.0#
279 50.9 22.0 33.0#





#29
Benzo(g,h,i)perylene
Concen: 0.42 ng/ul
RT: 26.004 min Scan# 6995
Delta R.T. 0.002 min
Lab File: BM032569.D
Acq: 18 Oct 2021 12:29

Tgt Ion:	276	Resp:	11346
Ion	Ratio	Lower	Upper
276	100		
138	29.2	22.6	33.8
277	26.1	19.9	29.9



Instrument :
BNA_M
ClientSampleId :
C00T0DL

Manual Integrations
APPROVED

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