

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092721\
 Data File : BM032261.D
 Acq On : 29 Sep 2021 04:17
 Operator : CG/JU
 Sample : M3755-08
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AL3

Manual Integrations
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Quant Time: Sep 29 06:13:33 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM092721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 27 13:37:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.657	152	7169	0.400	ng/ul	0.00
4) Naphthalene-d8	10.447	136	22179	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.300	164	10082	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.026	188	17906	0.400	ng/ul	0.00
17) Chrysene-d12	21.186	240	13848	0.400	ng/ul	0.00
23) Perylene-d12	23.348	264	13281	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.986	96	15236	1.977	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.035	152	3439	0.116	ng/ul	-0.01
18) Fluoranthene-d10	19.046	212	5415	0.144	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.496	128	7320	0.111	ng/ul	97
7) 2-Methylnaphthalene	12.111	142	4704	0.112	ng/ul	99
8) 1-Methylnaphthalene	12.331	142	3398	0.083	ng/ul	99
15) Phenanthrene	17.067	178	13813	0.237	ng/ul	99
16) Anthracene	17.154	178	2170	0.045	ng/ul#	89
19) Fluoranthene	19.072	202	33351	0.577	ng/ul	97
20) Pyrene	19.435	202	32461	0.560	ng/ul	100
21) Benzo(a)anthracene	21.171	228	15295	0.312	ng/ul	98
22) Chrysene	21.220	228	19909	0.347	ng/ul	98
24) Benzo(b)fluoranthene	22.704	252	29622m	0.430	ng/ul	
25) Benzo(k)fluoranthene	22.740	252	10111m	0.152	ng/ul	
26) Benzo(a)pyrene	23.254	252	18933	0.366	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.485	276	14518	0.219	ng/ul#	88
28) Dibenzo(a,h)anthracene	25.485	278	3636	0.068	ng/ul#	66
29) Benzo(g,h,i)perylene	26.144	276	13573	0.216	ng/ul	96

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

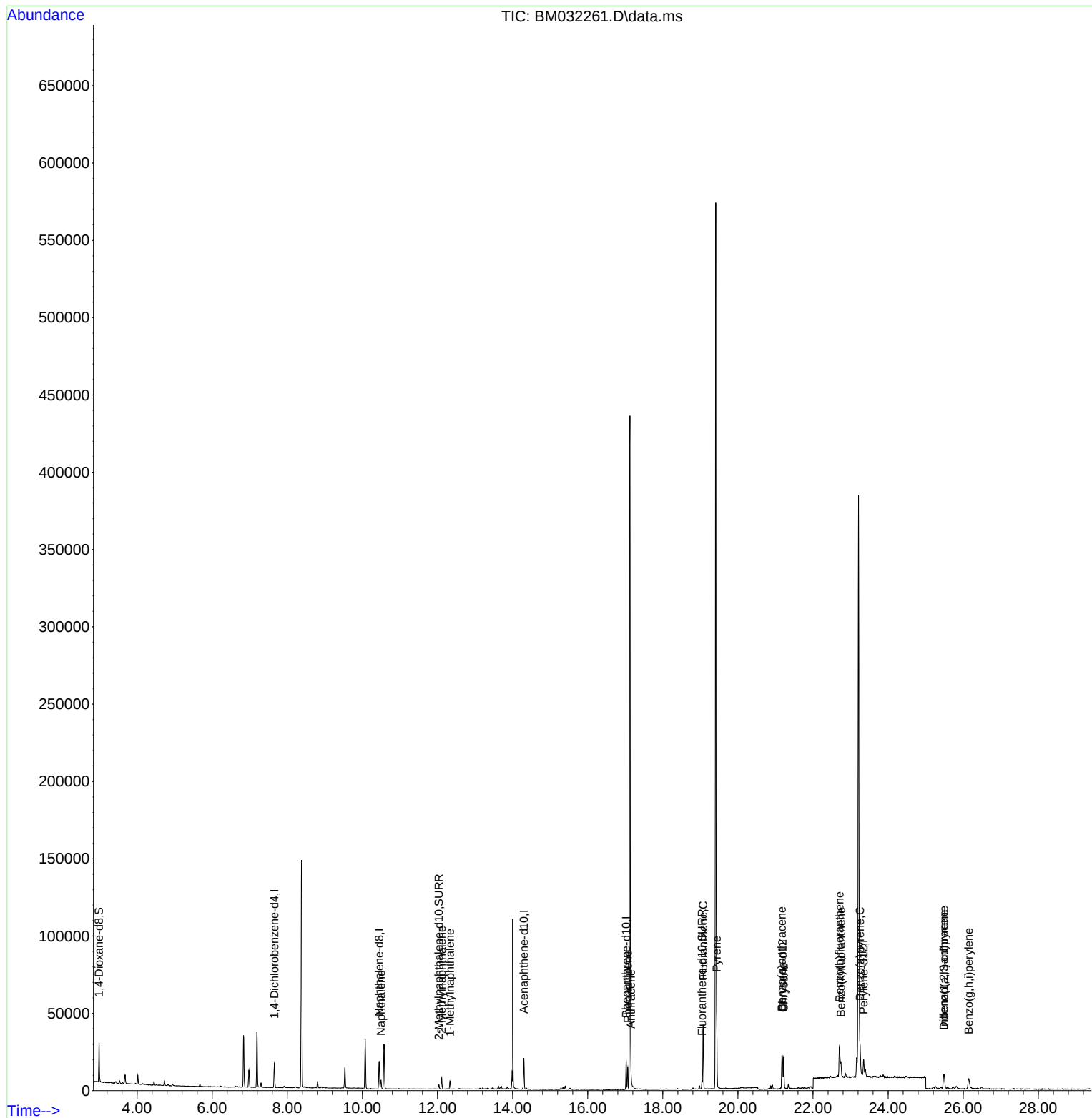
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Data File : BM032261.D
Acq On : 29 Sep 2021 04:17
Operator : CG/JU
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ALS Vial : 66 Sample Multiplier: 1

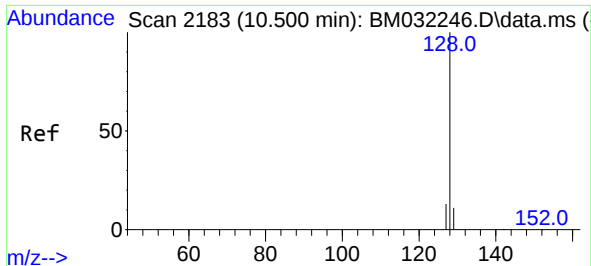
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM092721.M
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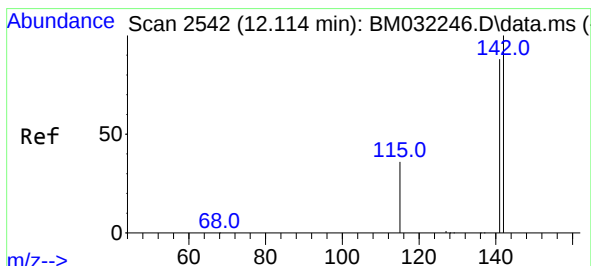
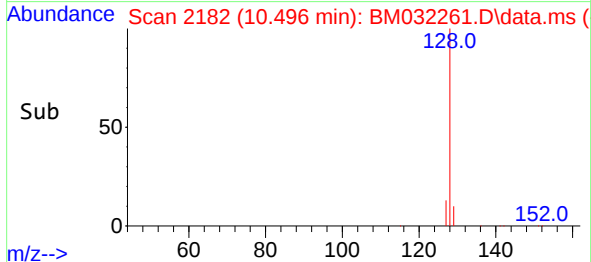
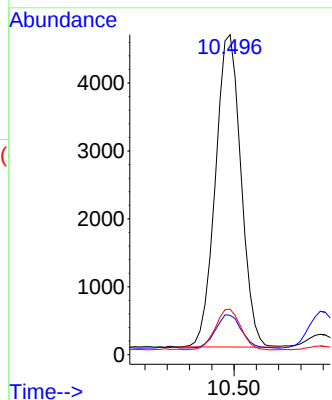
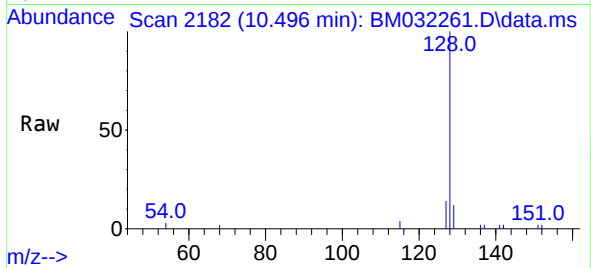
#5
Naphthalene
Concen: 0.111 ng/ul
RT: 10.496 min Scan# 2182
Delta R.T. -0.009 min
Lab File: BM032261.D
Acq: 29 Sep 2021 04:17

Tgt Ion:	128	Resp:	7320
Ion Ratio	Lower	Upper	
128	100		
129	12.3	9.0	13.4
127	14.2	10.5	15.7

Instrument :
BNA_M
ClientSampled :
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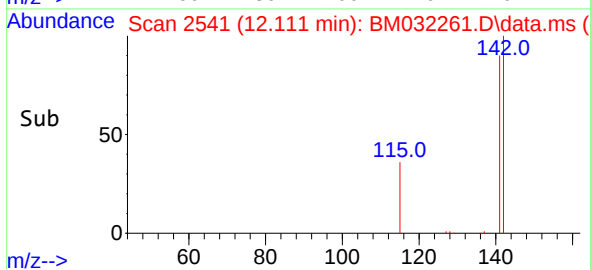
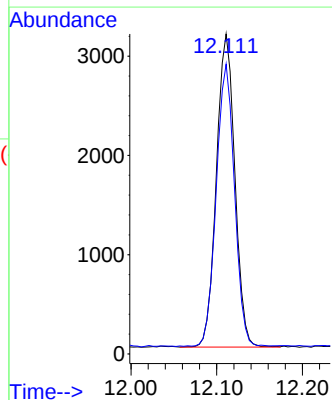
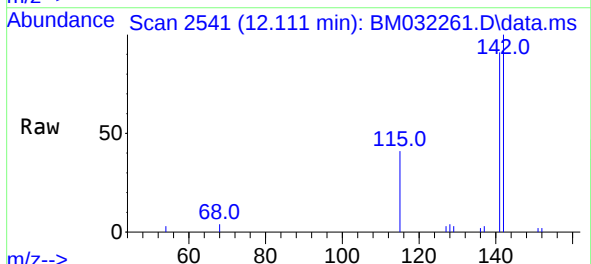
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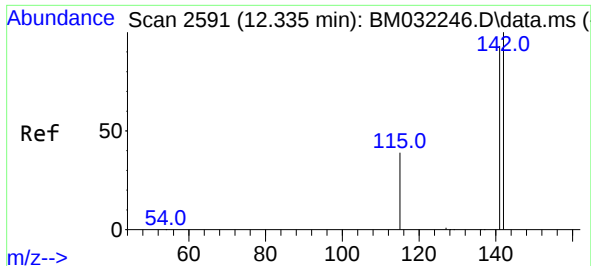
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#7
2-Methylnaphthalene
Concen: 0.112 ng/ul
RT: 12.111 min Scan# 2541
Delta R.T. -0.009 min
Lab File: BM032261.D
Acq: 29 Sep 2021 04:17

Tgt Ion:	142	Resp:	4704
Ion Ratio	Lower	Upper	
142	100		
141	89.6	71.2	106.8





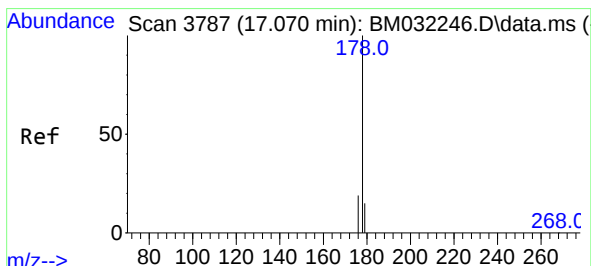
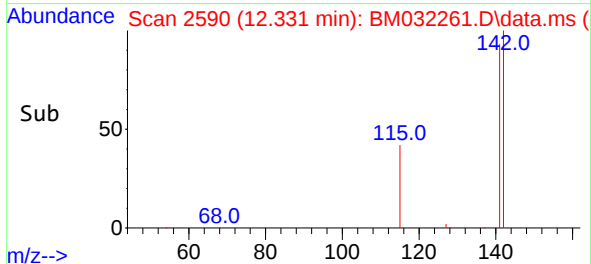
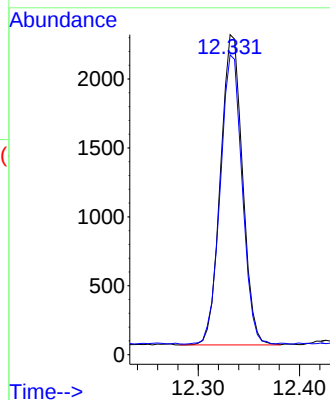
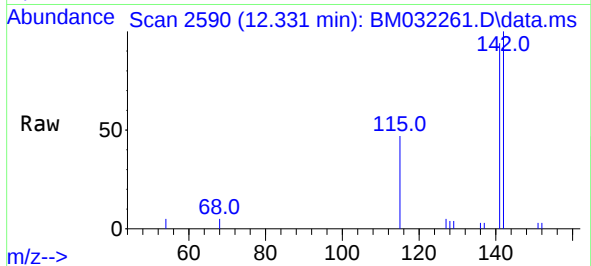
#8
1-Methylnaphthalene
Concen: 0.083 ng/ul
RT: 12.331 min Scan# 2590
Delta R.T. -0.009 min
Lab File: BM032261.D
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Tgt Ion:142 Resp: 3398
Ion Ratio Lower Upper
142 100
141 92.8 73.8 110.6

Instrument :
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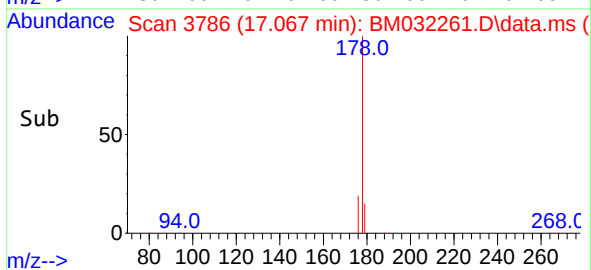
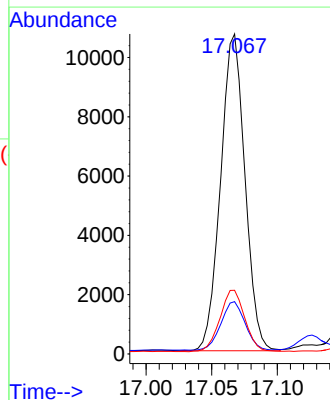
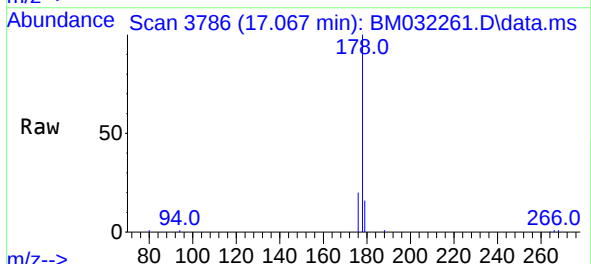
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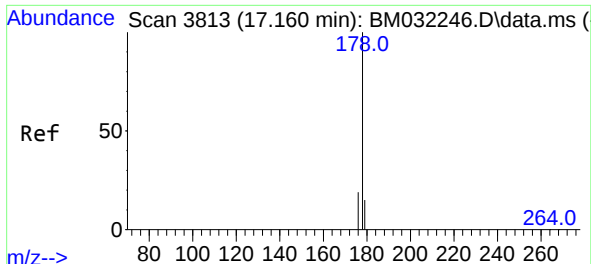
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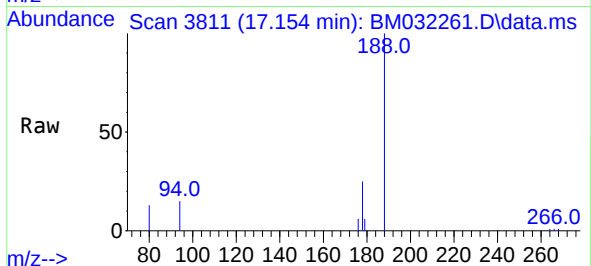
#15
Phenanthrene
Concen: 0.237 ng/ul
RT: 17.067 min Scan# 3786
Delta R.T. -0.007 min
Lab File: BM032261.D
Acq: 29 Sep 2021 04:17

Tgt Ion:178 Resp: 13813
Ion Ratio Lower Upper
178 100
179 16.4 12.6 18.8
176 19.9 15.8 23.6

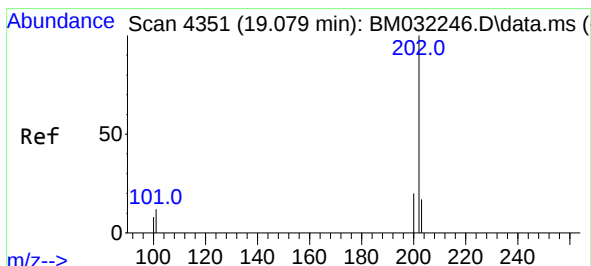
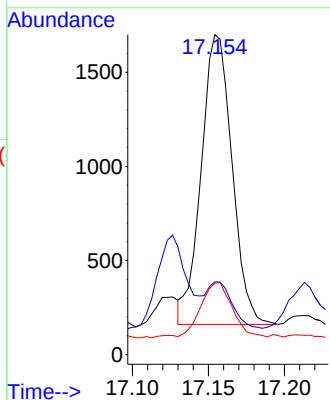
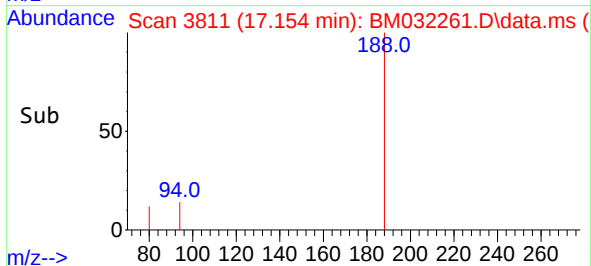




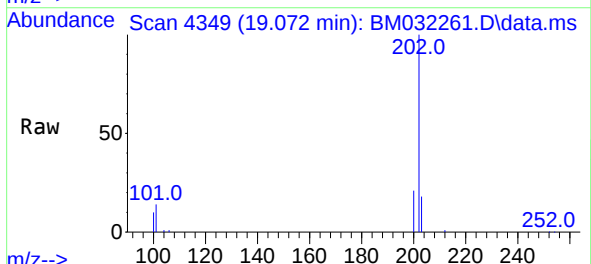
#16
 Anthracene
 Concen: 0.045 ng/ul
 RT: 17.154 min Scan# 3811
 Delta R.T. -0.011 min
 Lab File: BM032261.D
 Acq: 29 Sep 2021 04:17



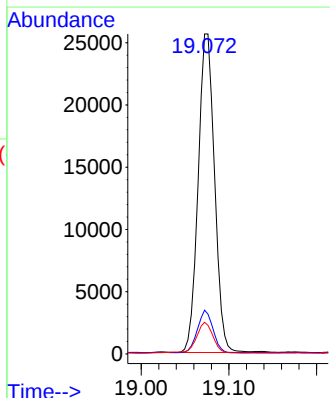
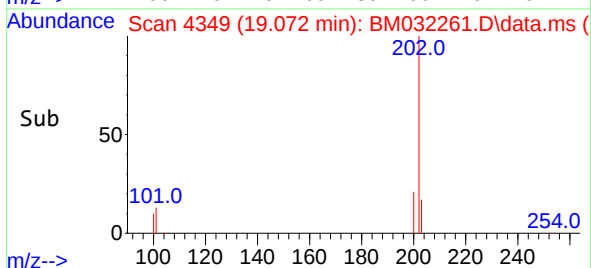
Tgt Ion:	178	Resp:	2170
Ion	Ratio	Lower	Upper
178	100		
179	22.8	12.7	19.1#
176	22.3	15.3	22.9



#19
 Fluoranthene
 Concen: 0.577 ng/ul
 RT: 19.072 min Scan# 4349
 Delta R.T. -0.012 min
 Lab File: BM032261.D
 Acq: 29 Sep 2021 04:17



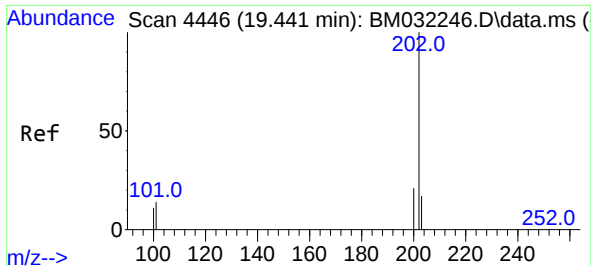
Tgt Ion:	202	Resp:	33351
Ion	Ratio	Lower	Upper
202	100		
101	13.7	9.8	14.8
100	9.9	7.2	10.8



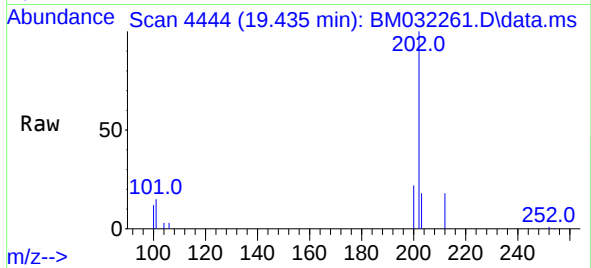
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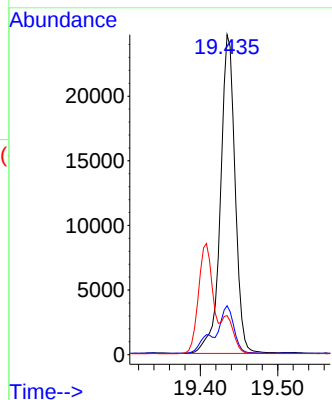
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#20
Pyrene
Concen: 0.560 ng/ul
RT: 19.435 min Scan# 4444
Delta R.T. -0.008 min
Lab File: BM032261.D
Acq: 29 Sep 2021 04:17



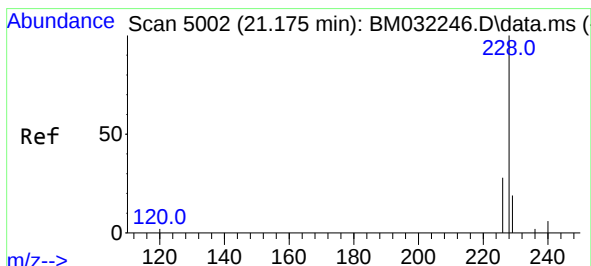
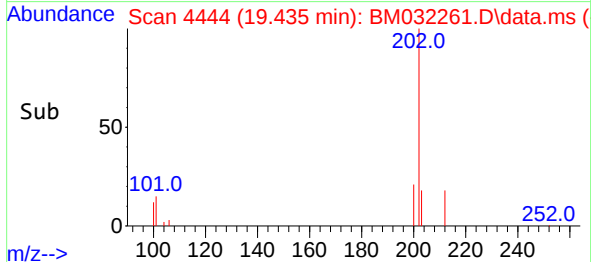
Tgt Ion:202 Resp: 32461
Ion Ratio Lower Upper
202 100
101 15.3 12.1 18.1
100 12.2 9.8 14.6



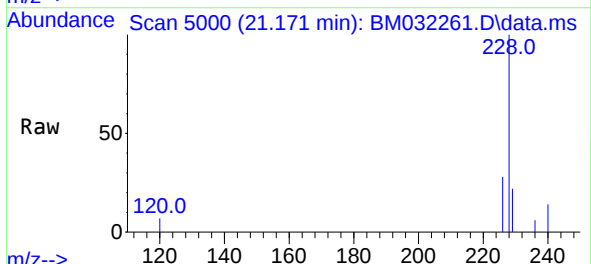
Instrument :
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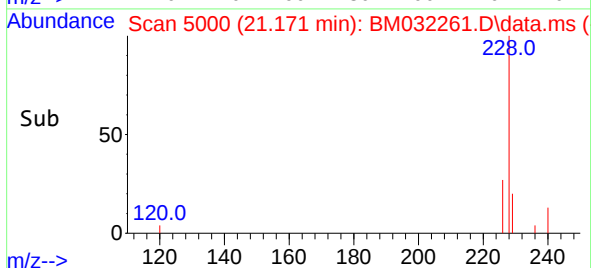
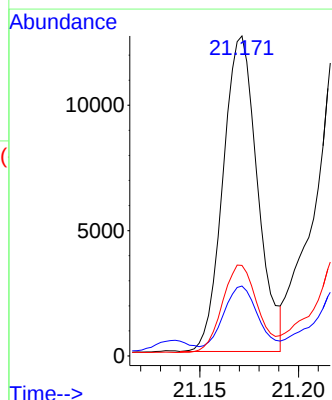
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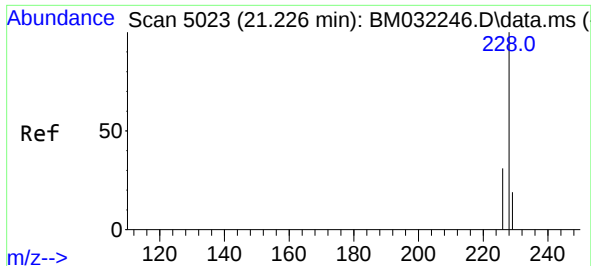


#21
Benzo(a)anthracene
Concen: 0.312 ng/ul
RT: 21.171 min Scan# 5000
Delta R.T. -0.007 min
Lab File: BM032261.D
Acq: 29 Sep 2021 04:17

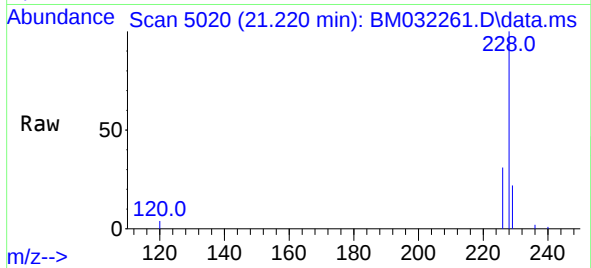


Tgt Ion:228 Resp: 15295
Ion Ratio Lower Upper
228 100
229 21.9 16.0 24.0
226 28.3 22.3 33.5

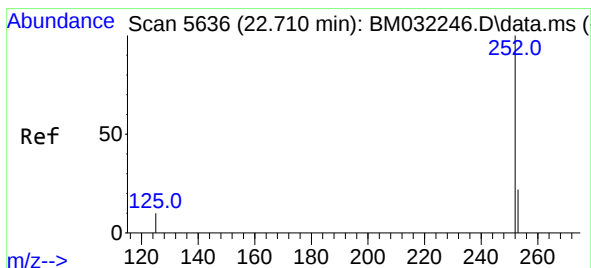
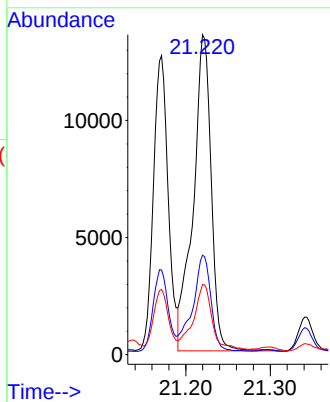
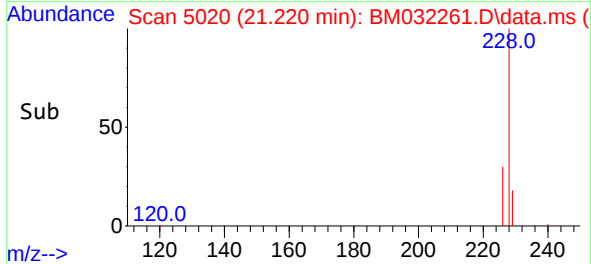




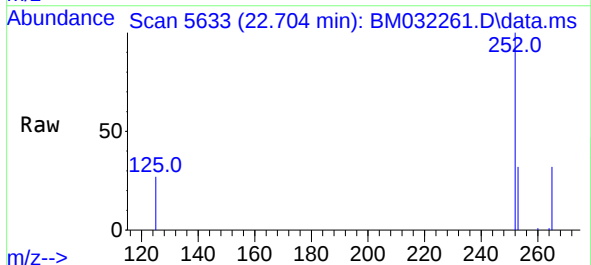
#22
Chrysene
Concen: 0.347 ng/ul
RT: 21.220 min Scan# 5020
Delta R.T. -0.010 min
Lab File: BM032261.D
Acq: 29 Sep 2021 04:17



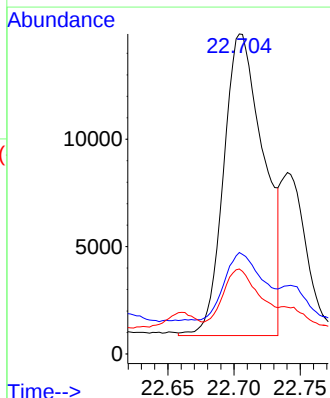
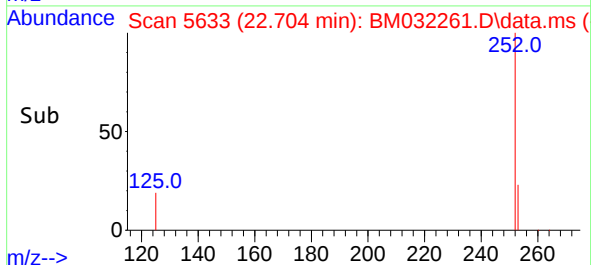
Tgt Ion:228 Resp: 19909
Ion Ratio Lower Upper
228 100
226 31.1 24.6 37.0
229 21.9 15.6 23.4



#24
Benzo(b)fluoranthene
Concen: 0.430 ng/ul m
RT: 22.704 min Scan# 5633
Delta R.T. -0.010 min
Lab File: BM032261.D
Acq: 29 Sep 2021 04:17



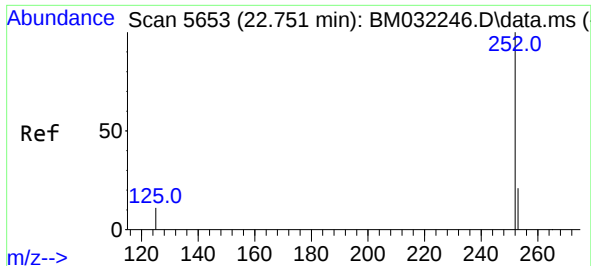
Tgt Ion:252 Resp: 29622
Ion Ratio Lower Upper
252 100
253 31.7 0.0 58.0
125 26.6 0.0 31.4



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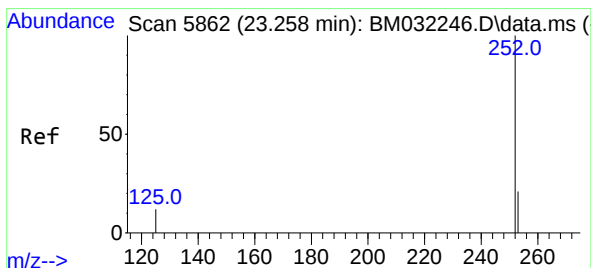
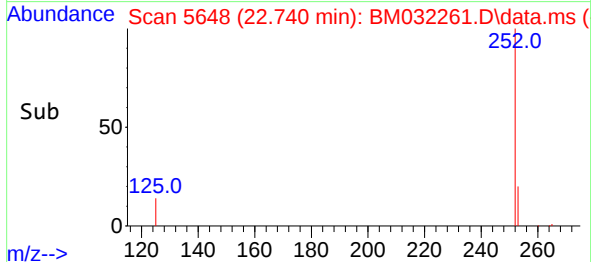
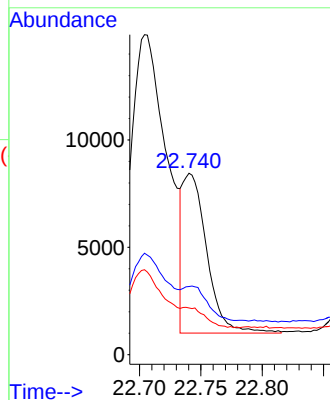
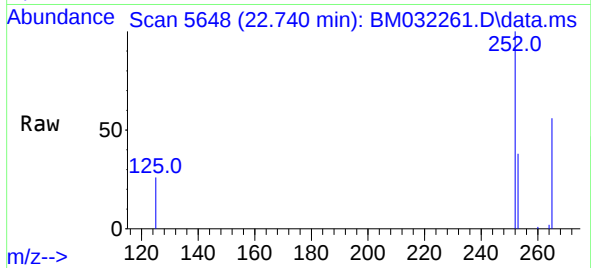
#25
Benzo(k)fluoranthene
Concen: 0.152 ng/ul m
RT: 22.740 min Scan# 5648
Delta R.T. -0.015 min
Lab File: BM032261.D
Acq: 29 Sep 2021 04:17

Tgt Ion:252	Resp:	10111
Ion Ratio	Lower	Upper
252	100	
253	37.6	22.9 34.3#
125	25.8	12.9 19.3#

Instrument :
BNA_M
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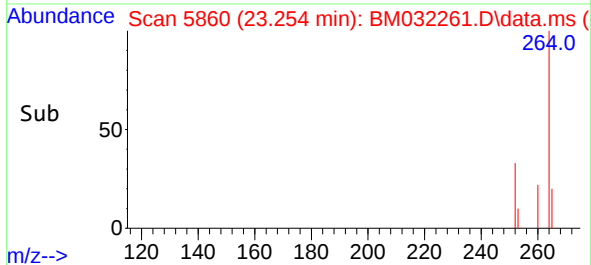
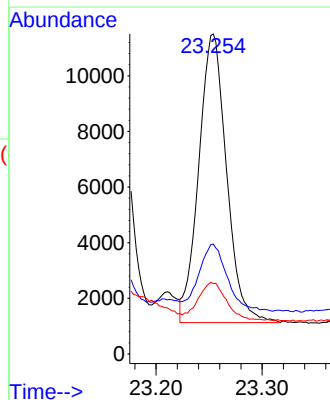
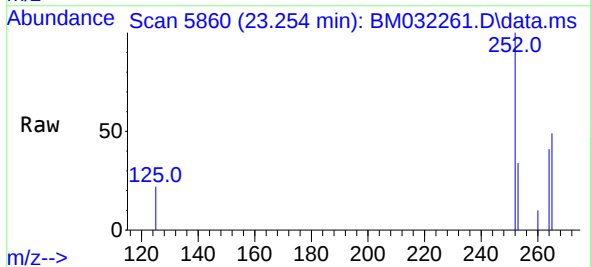
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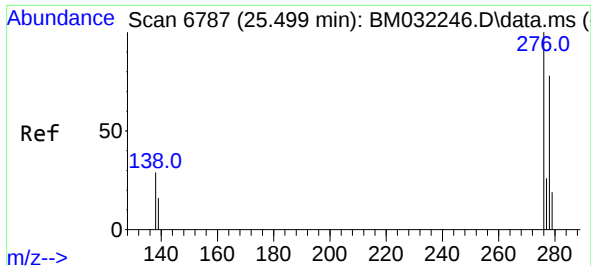
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#26
Benzo(a)pyrene
Concen: 0.366 ng/ul
RT: 23.254 min Scan# 5860
Delta R.T. -0.010 min
Lab File: BM032261.D
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Tgt Ion:252	Resp:	18933
Ion Ratio	Lower	Upper
252	100	
253	34.4	25.8 38.8
125	22.0	15.4 23.2





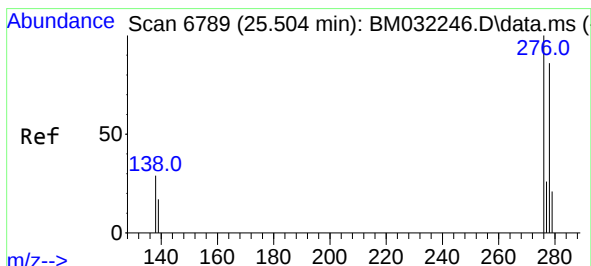
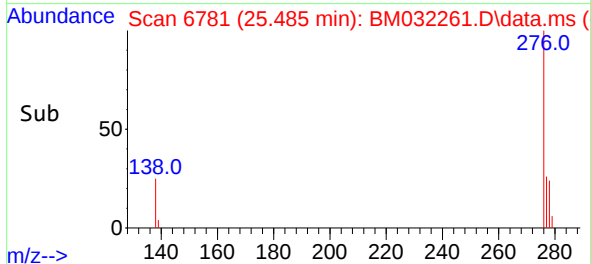
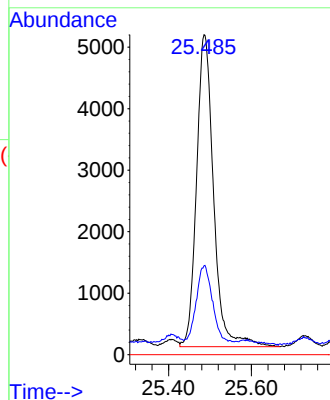
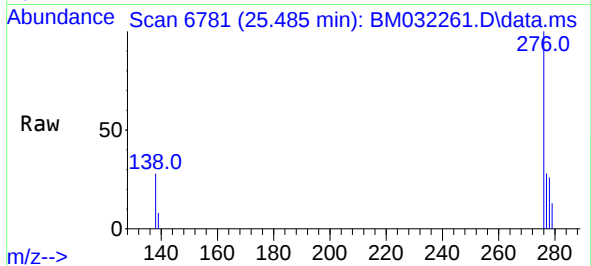
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.219 ng/ul
RT: 25.485 min Scan# 6781
Delta R.T. -0.020 min
Lab File: BM032261.D
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Tgt Ion: 276 Resp: 14518
Ion Ratio Lower Upper
276 100
138 24.0 24.3 36.5#
227 0.0 0.0 0.0

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ClientSampleId :
C0AL3

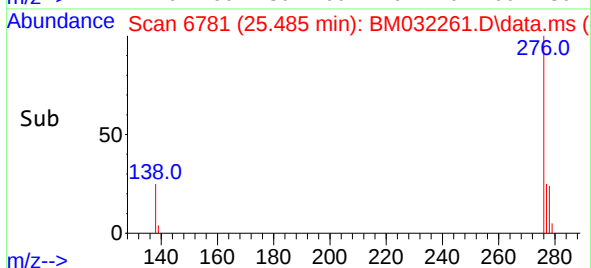
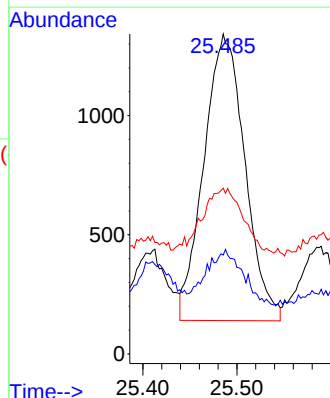
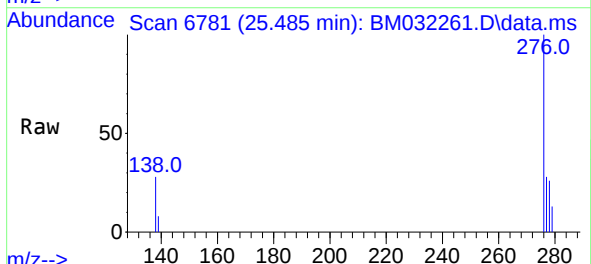
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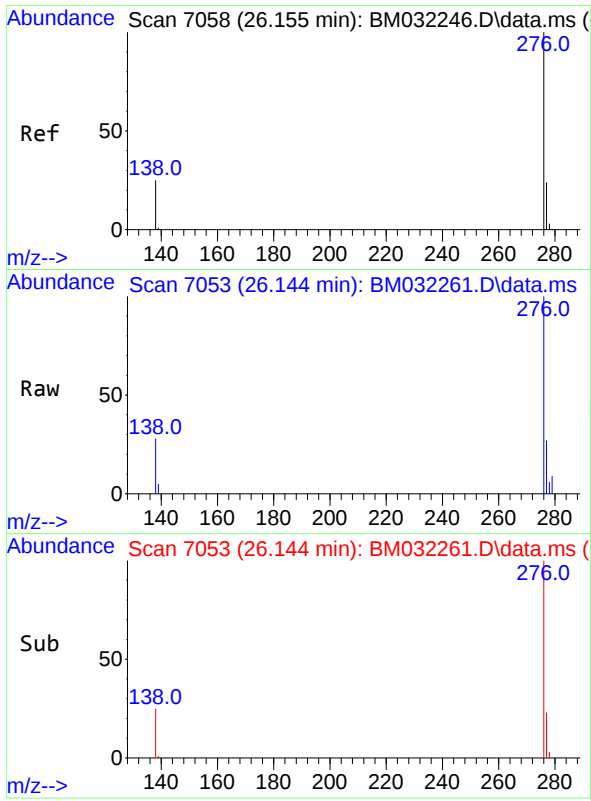
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#28
Dibenzo(a,h)anthracene
Concen: 0.068 ng/ul
RT: 25.485 min Scan# 6781
Delta R.T. -0.024 min
Lab File: BM032261.D
Acq: 29 Sep 2021 04:17

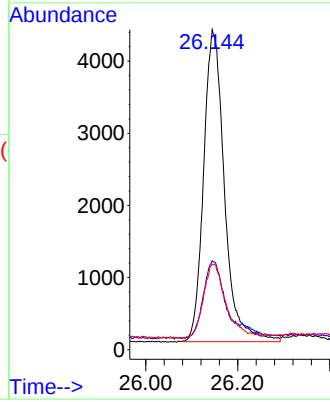
Tgt Ion: 278 Resp: 3636
Ion Ratio Lower Upper
278 100
139 30.9 16.6 24.8#
279 51.8 23.0 34.6#





#29
Benzo(g,h,i)perylene
Concen: 0.216 ng/ul
RT: 26.144 min Scan# 7053
Delta R.T. -0.020 min
Lab File: BM032261.D
Acq: 29 Sep 2021 04:17

Tgt Ion:	276	Resp:	13573
Ion	Ratio	Lower	Upper
276	100		
138	27.8	21.0	31.4
277	26.8	19.8	29.8



Instrument :
BNA_M
ClientSampleId :
C0AL3

Manual Integrations
APPROVED

mohammad
9/29/2021 12:52:37 PM