

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072921\
 Data File : BM031326.D
 Acq On : 31 Jul 2021 23:43
 Operator : CG/JU
 Sample : M3091-05DL 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0043DL

Manual Integrations
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Quant Time: Aug 02 03:09:25 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 02 02:05:37 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.608	152	1740	0.400	ng/ul	0.00
4) Naphthalene-d8	10.369	136	6769	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.238	164	4010	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.984	188	7732	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.174	240	5855	0.400	ng/ul	0.00
23) Perylene-d12	23.336	264	5564	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	743	0.384	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.961	152	339	0.030	ng/ul	0.00
18) Fluoranthene-d10	19.015	212	678	0.035	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.418	128	803	0.040	ng/ul#	80
7) 2-Methylnaphthalene	12.042	142	749	0.054	ng/ul	96
8) 1-Methylnaphthalene	12.262	142	464	0.034	ng/ul	97
10) Acenaphthylene	13.958	152	986	0.058	ng/ul#	89
15) Phenanthrene	17.026	178	5628	0.229	ng/ul	99
16) Anthracene	17.120	178	1282	0.056	ng/ul#	89
19) Fluoranthene	19.046	202	13877	0.555	ng/ul#	95
20) Pyrene	19.408	202	11952	0.471	ng/ul#	93
21) Benzo(a)anthracene	21.159	228	6078	0.257	ng/ul	93
22) Chrysene	21.210	228	6997	0.286	ng/ul	97
24) Benzo(b)fluoranthene	22.697	252	9942m	0.397	ng/ul	
25) Benzo(k)fluoranthene	22.731	252	3498m	0.135	ng/ul	
26) Benzo(a)pyrene	23.242	252	5932	0.270	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	25.478	276	4497	0.158	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.488	278	1123	0.049	ng/ul#	43
29) Benzo(g,h,i)perylene	26.132	276	3972	0.164	ng/ul#	90

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

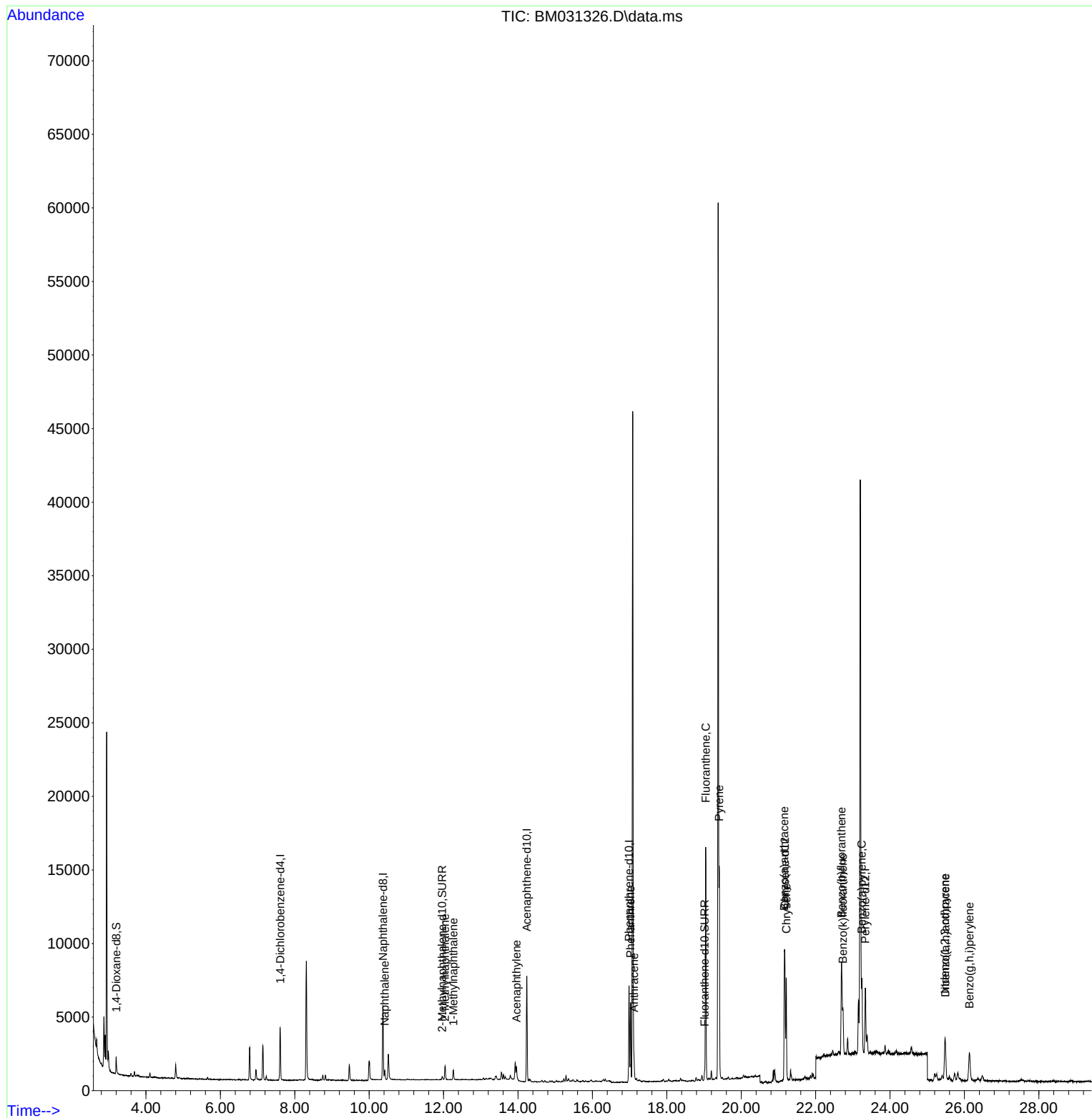
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072921\
Data File : BM031326.D
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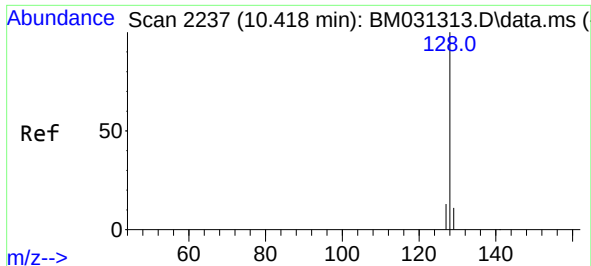
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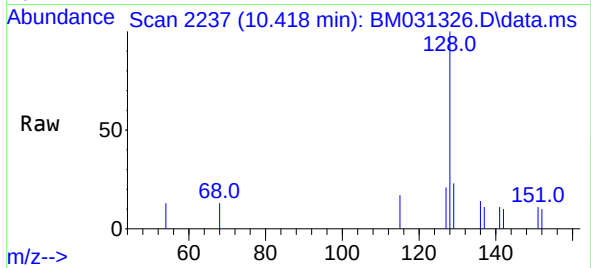
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Quant Time: Aug 02 03:09:25 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 02 02:05:37 2021
Response via : Initial Calibration

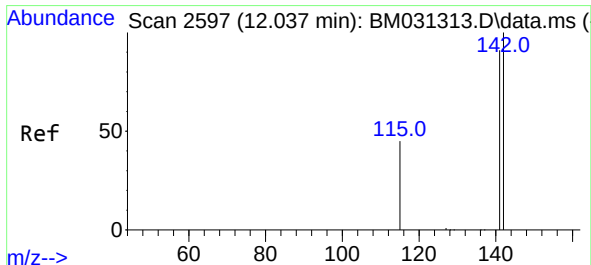
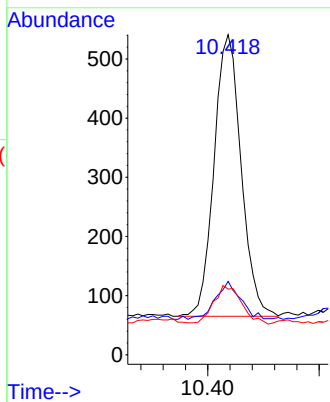
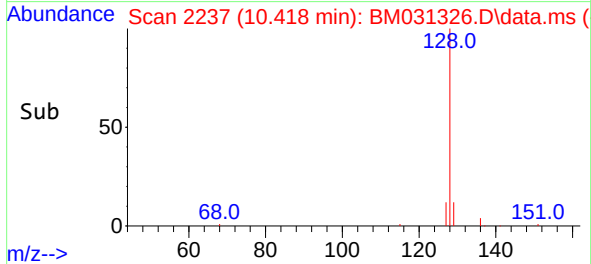




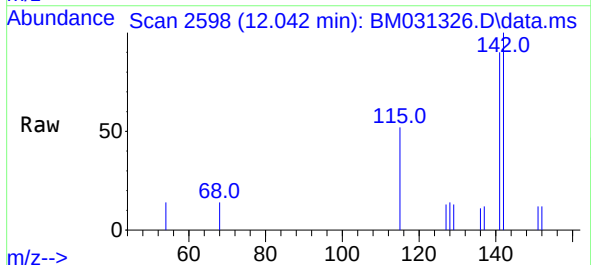
#5
Naphthalene
Concen: 0.040 ng/ul
RT: 10.418 min Scan# 2237
Delta R.T. -0.004 min
Lab File: BM031326.D
Acq: 31 Jul 2021 23:43



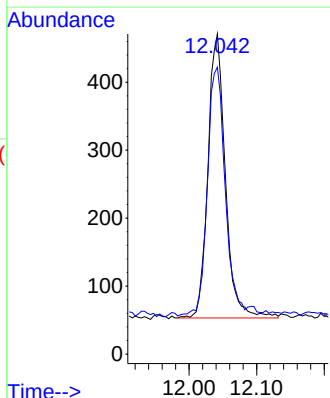
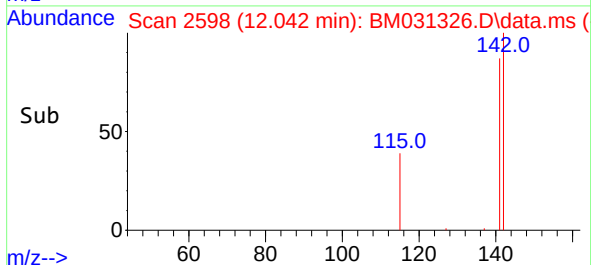
Tgt Ion:128 Resp: 803
Ion Ratio Lower Upper
128 100
129 22.9 10.0 15.0#
127 20.5 11.6 17.4#



#7
2-Methylnaphthalene
Concen: 0.054 ng/ul
RT: 12.042 min Scan# 2598
Delta R.T. 0.000 min
Lab File: BM031326.D
Acq: 31 Jul 2021 23:43



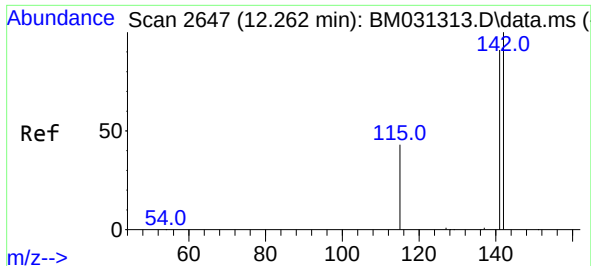
Tgt Ion:142 Resp: 749
Ion Ratio Lower Upper
142 100
141 93.1 71.4 107.0



Instrument :
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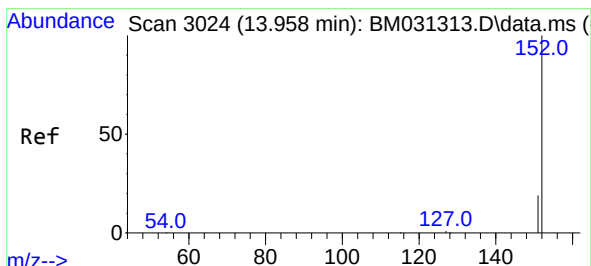
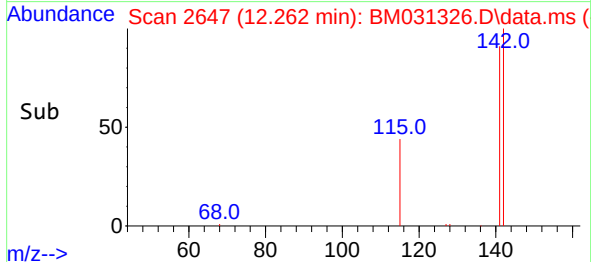
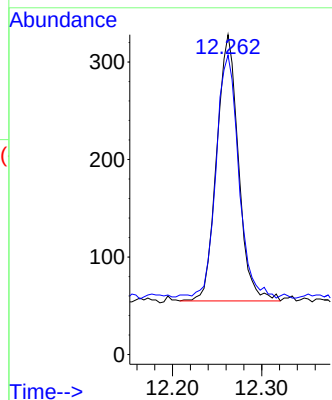
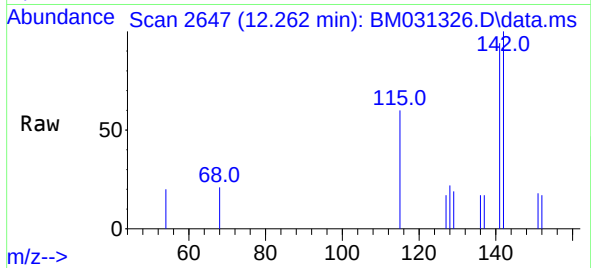
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1-Methylnaphthalene
Concen: 0.034 ng/ul
RT: 12.262 min Scan# 2647
Delta R.T. -0.004 min
Lab File: BM031326.D
Acq: 31 Jul 2021 23:43

Tgt Ion:142 Resp: 464
Ion Ratio Lower Upper
142 100
141 95.0 74.1 111.1

Instrument :
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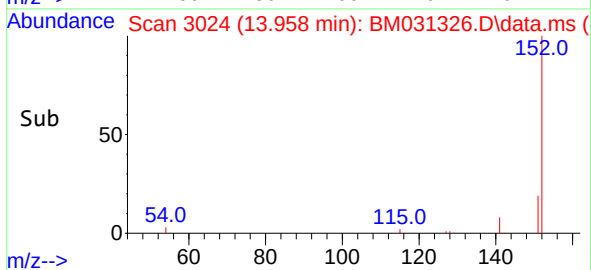
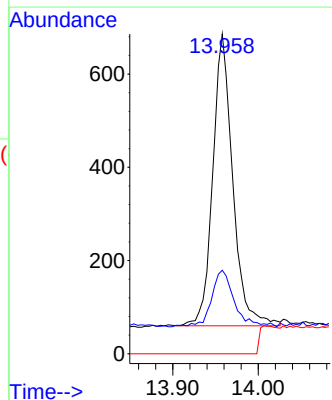
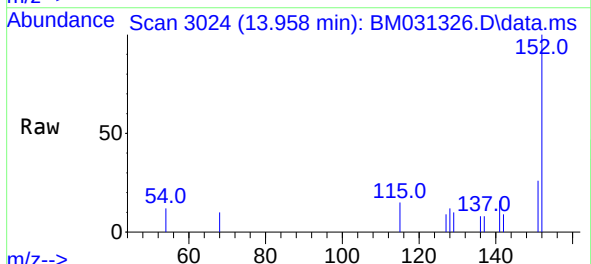
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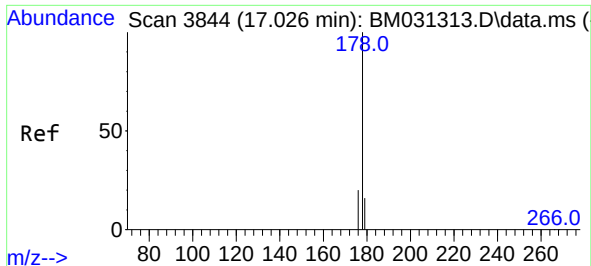
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#10
Acenaphthylene
Concen: 0.058 ng/ul
RT: 13.958 min Scan# 3024
Delta R.T. -0.004 min
Lab File: BM031326.D
Acq: 31 Jul 2021 23:43

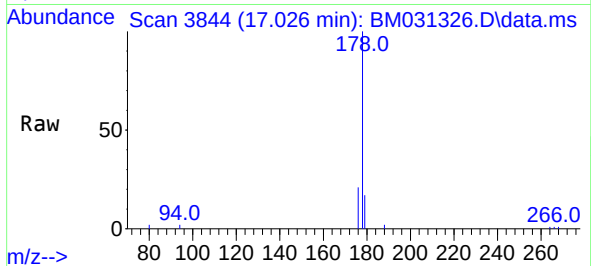
Tgt Ion:152 Resp: 986
Ion Ratio Lower Upper
152 100
151 26.1 16.9 25.3#
153 0.0 0.0 0.0





#15
Phenanthrene
Concen: 0.229 ng/u1
RT: 17.026 min Scan# 3844
Delta R.T. -0.004 min
Lab File: BM031326.D
Acq: 31 Jul 2021 23:43

Instrument :
BNA_M
ClientSampled :
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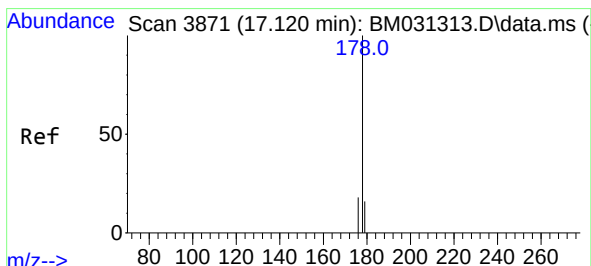
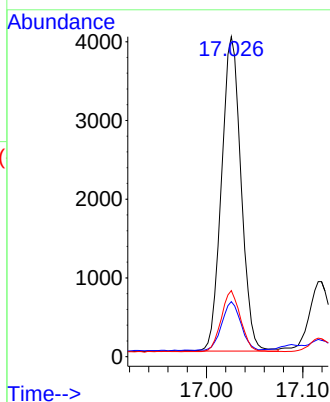


Tgt Ion:178 Resp: 5628

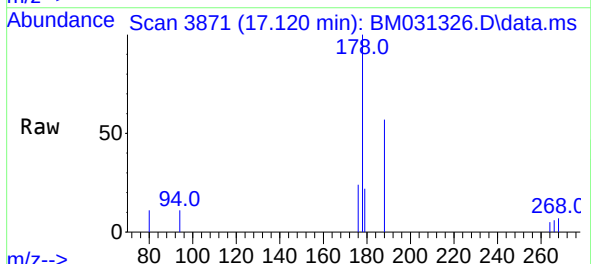
Ion	Ratio	Lower	Upper
178	100		
179	17.2	13.3	19.9
176	20.7	16.2	24.4

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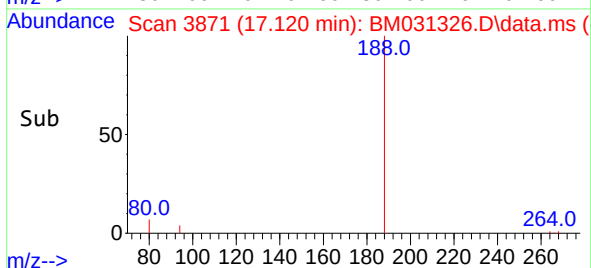
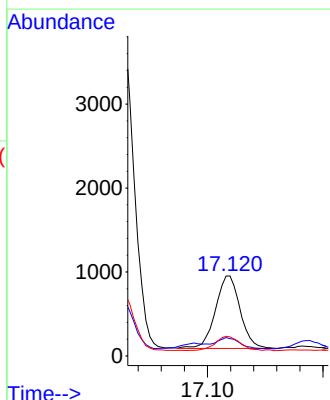


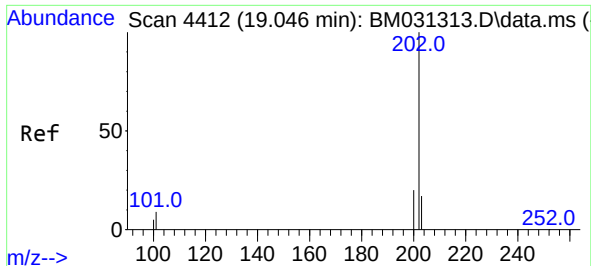
#16
Anthracene
Concen: 0.056 ng/u1
RT: 17.120 min Scan# 3871
Delta R.T. -0.001 min
Lab File: BM031326.D
Acq: 31 Jul 2021 23:43



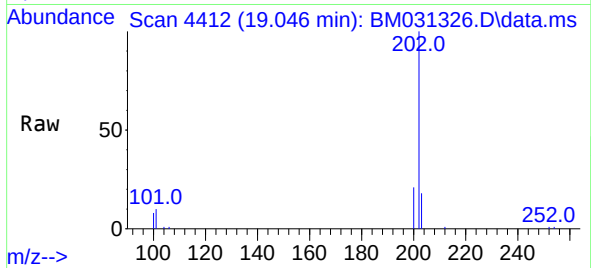
Tgt Ion:178 Resp: 1282

Ion	Ratio	Lower	Upper
178	100		
179	21.7	13.0	19.6#
176	23.9	15.6	23.4#

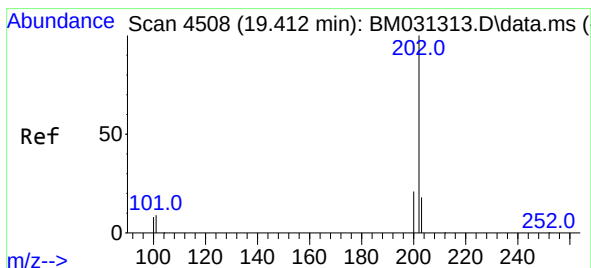
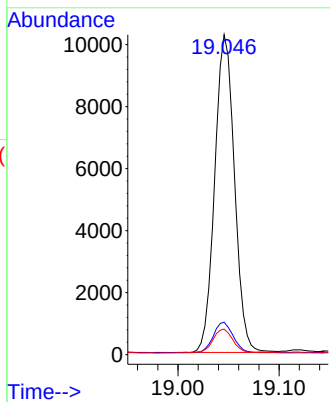
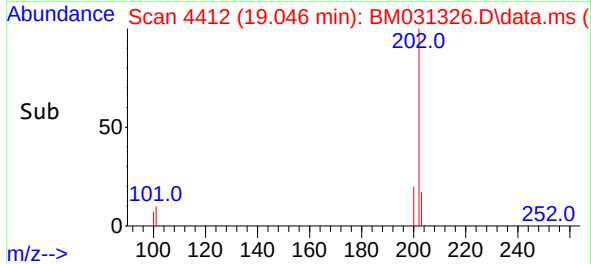




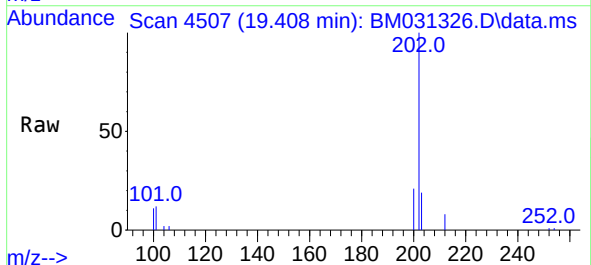
#19
Fluoranthene
Concen: 0.555 ng/u1
RT: 19.046 min Scan# 4412
Delta R.T. -0.004 min
Lab File: BM031326.D
Acq: 31 Jul 2021 23:43



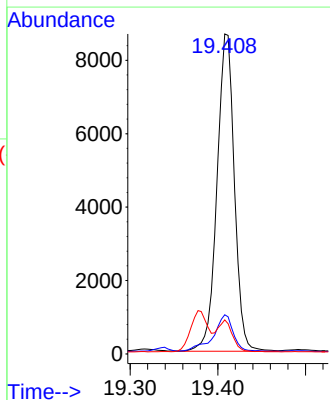
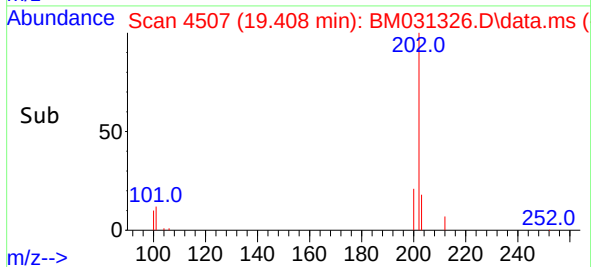
Tgt Ion:202 Resp: 13877
Ion Ratio Lower Upper
202 100
101 10.2 6.6 10.0#
100 8.0 5.4 8.0



#20
Pyrene
Concen: 0.471 ng/u1
RT: 19.408 min Scan# 4507
Delta R.T. -0.004 min
Lab File: BM031326.D
Acq: 31 Jul 2021 23:43



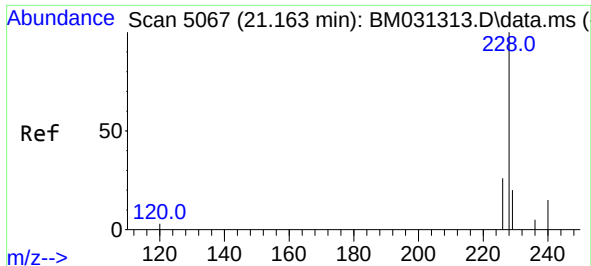
Tgt Ion:202 Resp: 11952
Ion Ratio Lower Upper
202 100
101 12.2 7.8 11.6#
100 10.6 6.6 10.0#



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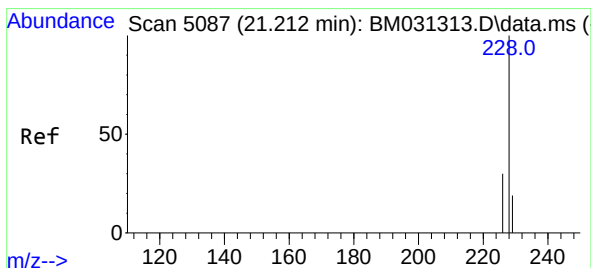
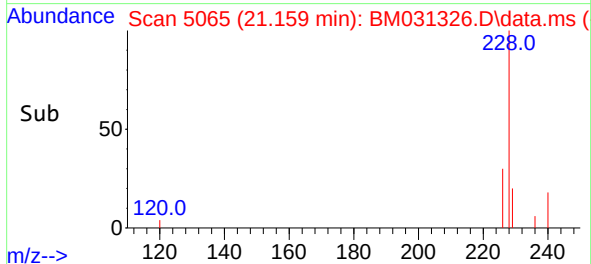
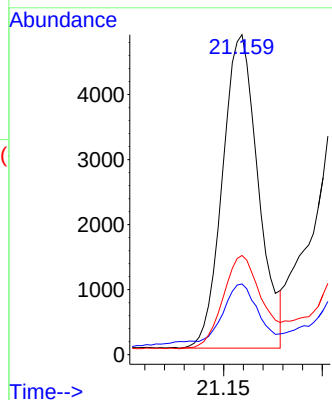
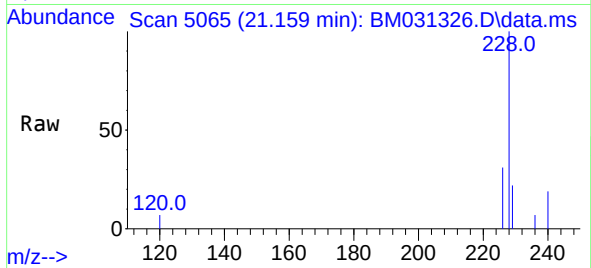
#21
Benzo(a)anthracene
Concen: 0.257 ng/ul
RT: 21.159 min Scan# 5065
Delta R.T. -0.002 min
Lab File: BM031326.D
Acq: 31 Jul 2021 23:43

Tgt Ion:	228	Resp:	6078
Ion	Ratio	Lower	Upper
228	100		
229	22.1	15.6	23.4
226	31.0	21.7	32.5

Instrument :
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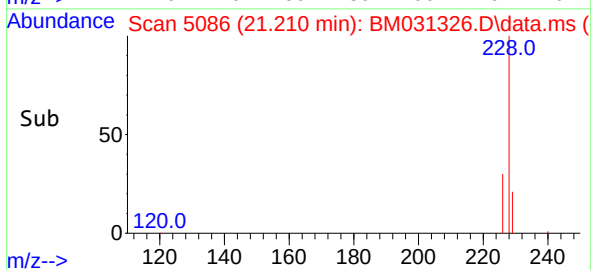
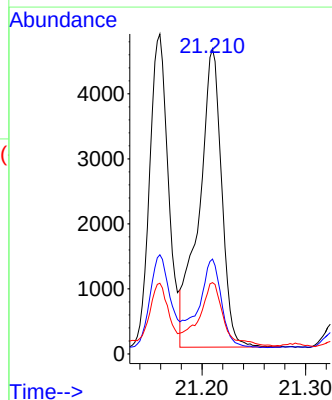
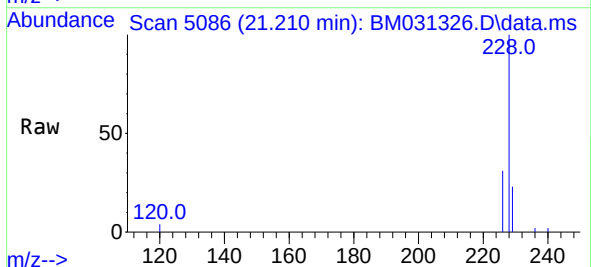
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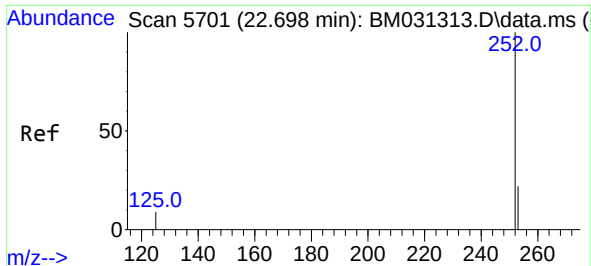
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#22
Chrysene
Concen: 0.286 ng/ul
RT: 21.210 min Scan# 5086
Delta R.T. -0.004 min
Lab File: BM031326.D
Acq: 31 Jul 2021 23:43

Tgt Ion:	228	Resp:	6997
Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.7	37.1
229	23.4	16.2	24.2





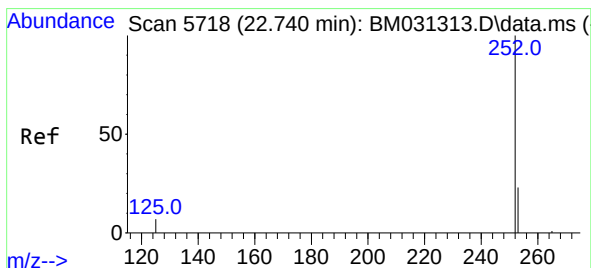
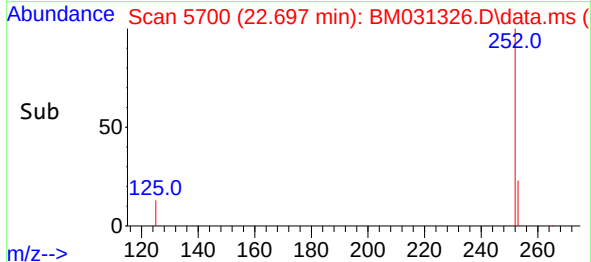
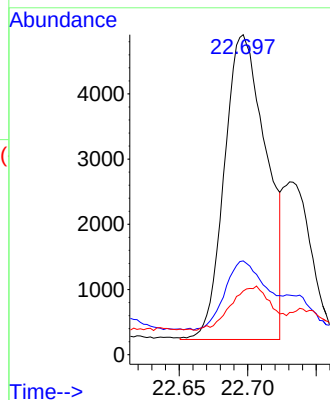
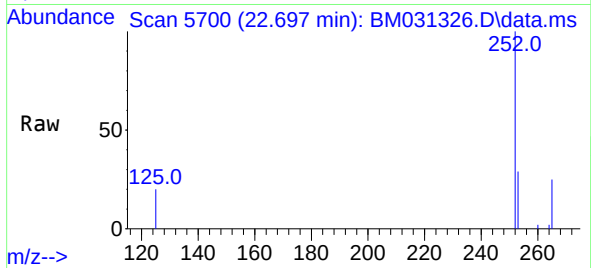
#24
Benzo(b)fluoranthene
Concen: 0.397 ng/ul m
RT: 22.697 min Scan# 5700
Delta R.T. -0.002 min
Lab File: BM031326.D
Acq: 31 Jul 2021 23:43

Tgt Ion:	252	Resp:	9942
Ion Ratio	Lower	Upper	
252	100		
253	29.3	0.0	53.0
125	19.9	0.0	22.8

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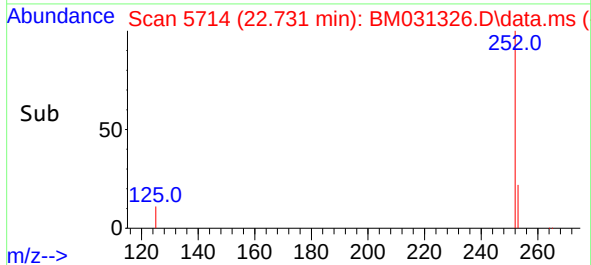
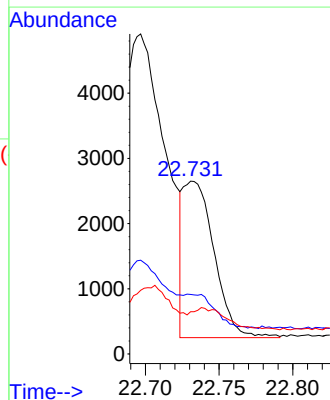
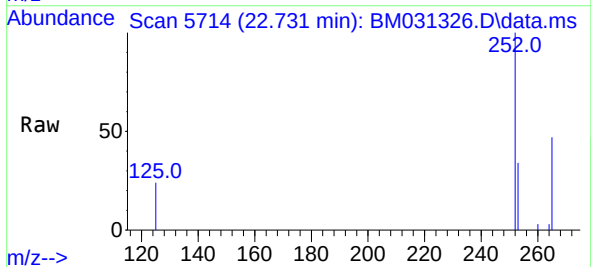
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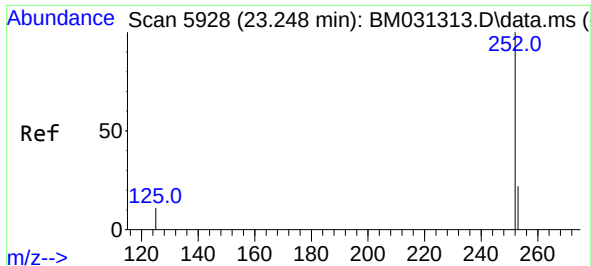
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#25
Benzo(k)fluoranthene
Concen: 0.135 ng/ul m
RT: 22.731 min Scan# 5714
Delta R.T. -0.009 min
Lab File: BM031326.D
Acq: 31 Jul 2021 23:43

Tgt Ion:	252	Resp:	3498
Ion Ratio	Lower	Upper	
252	100		
253	34.4	21.3	31.9#
125	24.5	8.8	13.2#





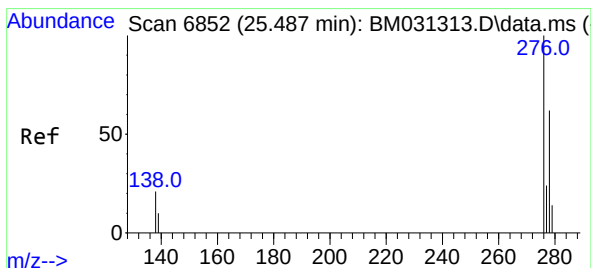
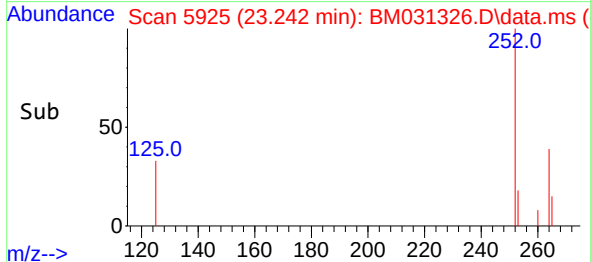
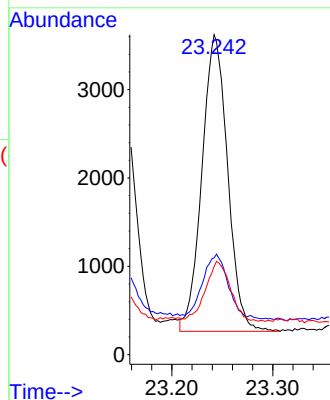
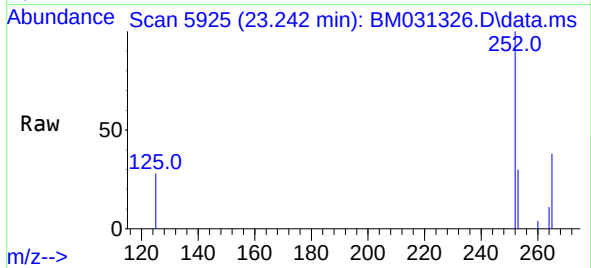
#26
Benzo(a)pyrene
Concen: 0.270 ng/ul
RT: 23.242 min Scan# 5925
Delta R.T. -0.006 min
Lab File: BM031326.D
Acq: 31 Jul 2021 23:43

Tgt Ion:	252	Resp:	5932
Ion Ratio	Lower	Upper	
252	100		
253	30.2	22.4	33.6
125	27.6	13.0	19.4

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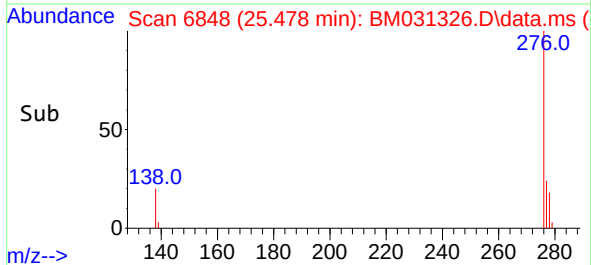
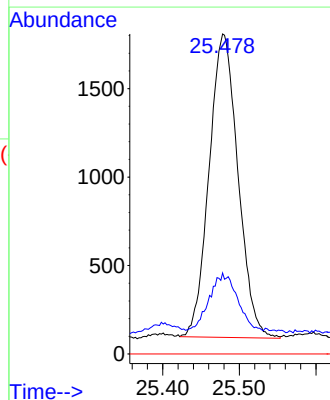
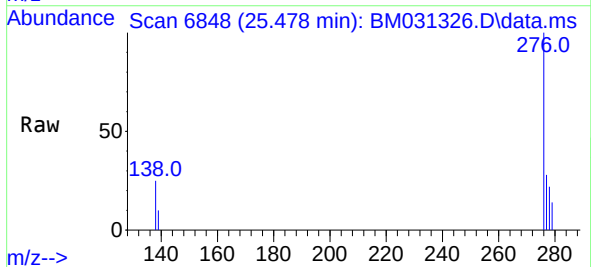
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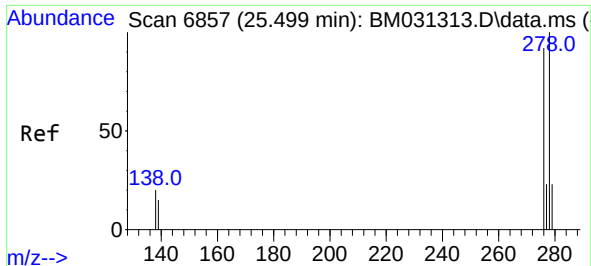
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#27
Indeno(1,2,3-cd)pyrene
Concen: 0.158 ng/ul
RT: 25.478 min Scan# 6848
Delta R.T. -0.011 min
Lab File: BM031326.D
Acq: 31 Jul 2021 23:43

Tgt Ion:	276	Resp:	4497
Ion Ratio	Lower	Upper	
276	100		
138	19.9	15.8	23.8
227	0.0	0.0	0.0





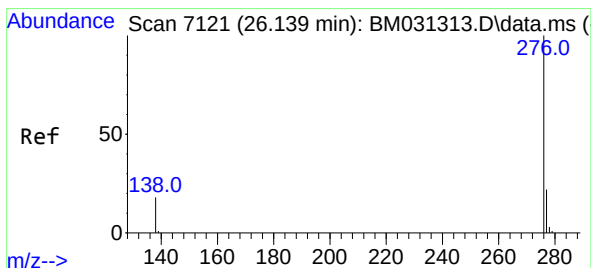
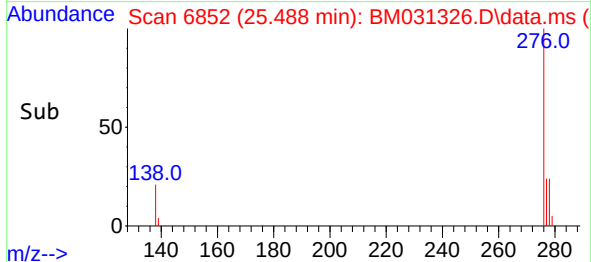
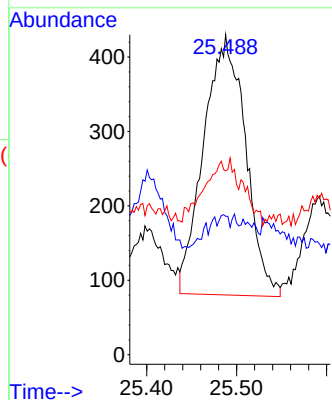
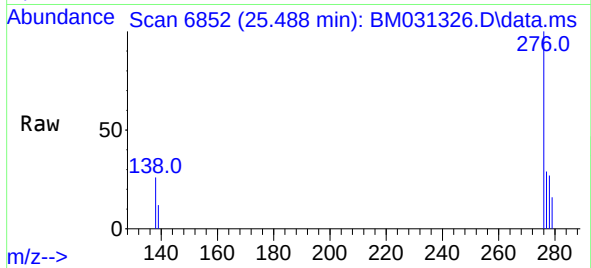
#28
Dibenzo(a,h)anthracene
Concen: 0.049 ng/ul
RT: 25.488 min Scan# 6852
Delta R.T. -0.016 min
Lab File: BM031326.D
Acq: 31 Jul 2021 23:43

Tgt Ion:	278	Resp:	1123
Ion	Ratio	Lower	Upper
278	100		
139	43.3	13.3	19.9#
279	57.4	22.8	34.2#

Instrument :
BNA_M
ClientSampleId :
C0043DL

Manual Integrations
APPROVED

mohammad
8/2/2021 3:42:14 PM



#29
Benzo(g,h,i)perylene
Concen: 0.164 ng/ul
RT: 26.132 min Scan# 7118
Delta R.T. -0.011 min
Lab File: BM031326.D
Acq: 31 Jul 2021 23:43

Tgt Ion:	276	Resp:	3972
Ion	Ratio	Lower	Upper
276	100		
138	25.0	15.4	23.2#
277	29.1	19.9	29.9

