

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112221\
 Data File : BM033224.D
 Acq On : 22 Nov 2021 20:13
 Operator : CG/JU
 Sample : M4779-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F4L03

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/23/2021
 Supervised By :mohammad ahmed 11/26/2021

Quant Time: Nov 23 00:01:18 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM111921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 19 15:41:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.956	152	1882	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.750	136	5535	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.575	164	3469	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.309	188	7791	0.400	ng/ul	-0.01
17) Chrysene-d12	21.467	240	9319	0.400	ng/ul	0.00
23) Perylene-d12	23.804	264	10824	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.410	96	9645	5.450	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.333	152	3024	0.394	ng/ul	0.00
18) Fluoranthene-d10	19.326	212	11109	0.411	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.804	128	403	0.023	ng/ul#	59
10) Acenaphthylene	14.298	152	510	0.031	ng/ul#	63
11) Acenaphthene	14.636	153	349	0.026	ng/ul	94
12) Fluorene	15.618	166	358	0.024	ng/ul#	92
14) Pentachlorophenol	16.965	266	57	0.022	ng/ul	88
15) Phenanthrene	17.350	178	1747	0.062	ng/ul#	85
16) Anthracene	17.441	178	3633	0.159	ng/ul	94
19) Fluoranthene	19.356	202	2558	0.057	ng/ul#	92
20) Pyrene	19.715	202	2336	0.052	ng/ul#	75
21) Benzo(a)anthracene	21.450	228	1038	0.031	ng/ul#	83
22) Chrysene	21.501	228	1347	0.037	ng/ul#	87
24) Benzo(b)fluoranthene	23.099	252	2107m	0.043	ng/ul	
25) Benzo(k)fluoranthene	23.141	252	1046m	0.022	ng/ul	

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

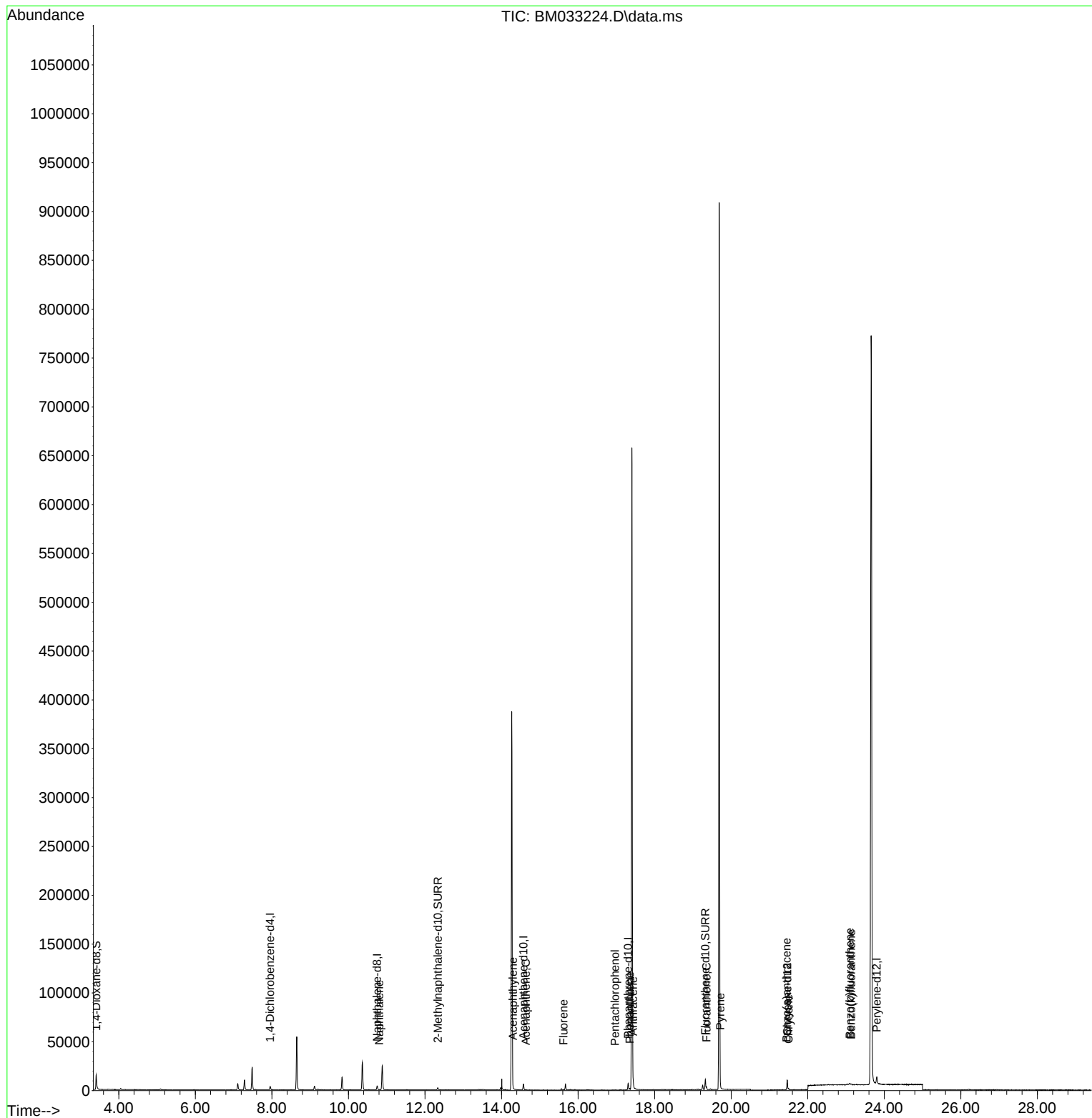
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112221\
Data File : BM033224.D
Acq On : 22 Nov 2021 20:13
Operator : CG/JU
Sample : M4779-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

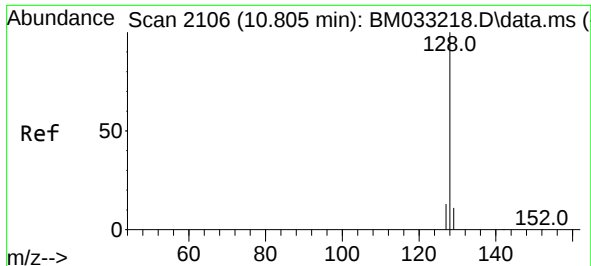
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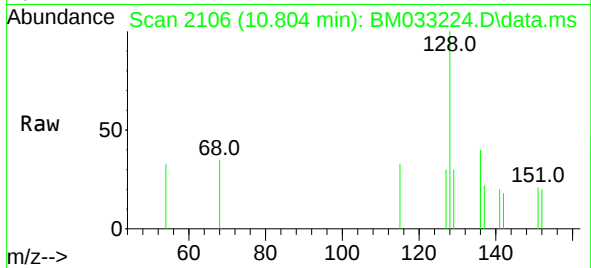
Quant Time: Nov 23 00:01:18 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM111921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 19 15:41:12 2021
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.023 ng/ul
RT: 10.804 min Scan# 2106
Delta R.T. -0.005 min
Lab File: BM033224.D
Acq: 22 Nov 2021 20:13

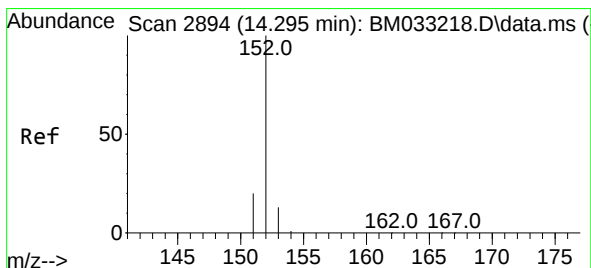
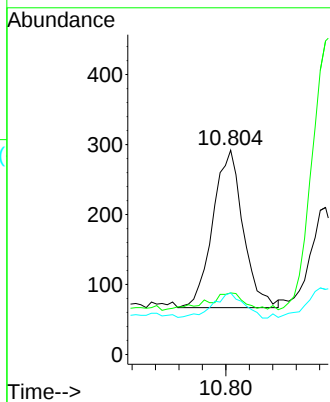
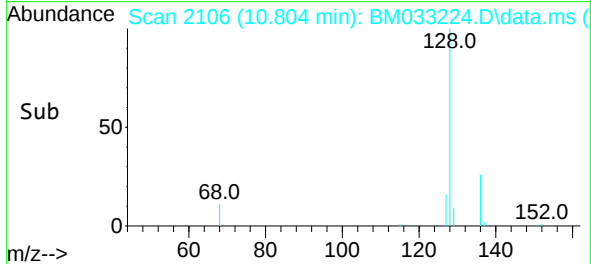
Instrument :
BNA_M
ClientSampleId :
F4L03



Tgt Ion:128 Resp: 400
Ion Ratio Lower Upper
128 100
129 30.1 9.8 14.6
127 30.1 11.8 17.8

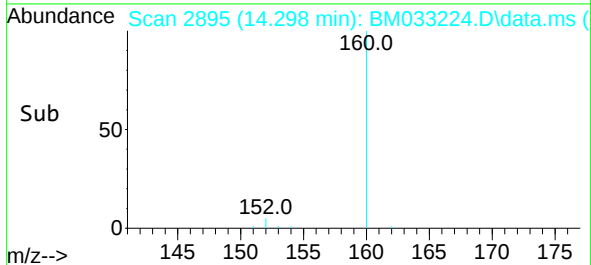
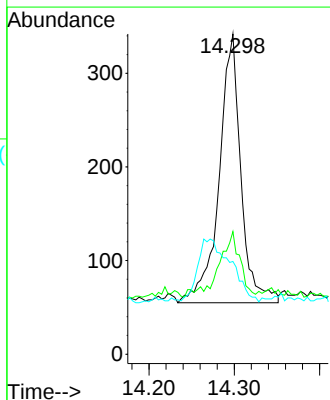
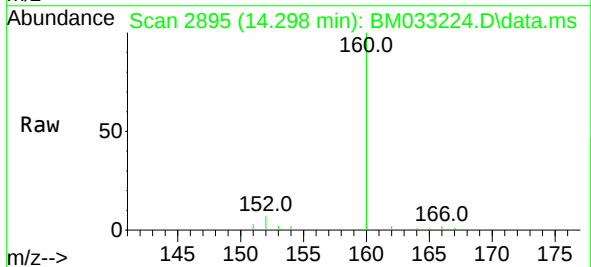
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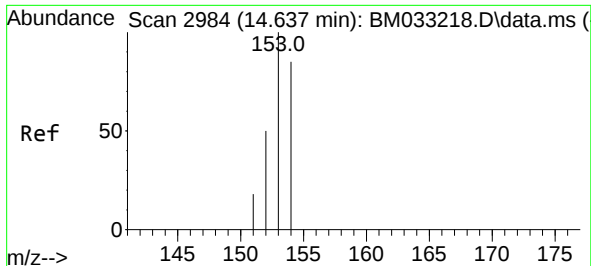
Reviewed By :Jagrut Upadhyay 11/23/2021
Supervised By :mohammad ahmed 11/26/2021



#10
Acenaphthylene
Concen: 0.031 ng/ul
RT: 14.298 min Scan# 2895
Delta R.T. -0.005 min
Lab File: BM033224.D
Acq: 22 Nov 2021 20:13

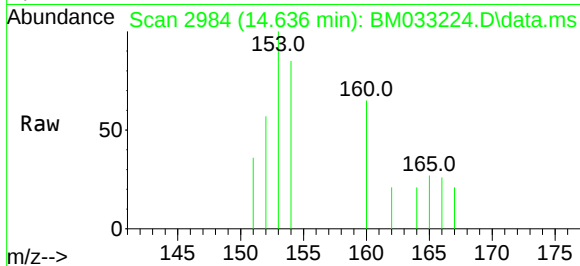
Tgt Ion:152 Resp: 510
Ion Ratio Lower Upper
152 100
151 38.3 16.7 25.1#
153 28.9 0.0 0.0#





#11
Acenaphthene
Concen: 0.026 ng/u1
RT: 14.636 min Scan# 2984
Delta R.T. -0.009 min
Lab File: BM033224.D
Acq: 22 Nov 2021 20:13

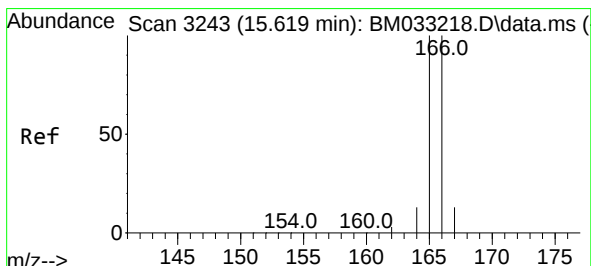
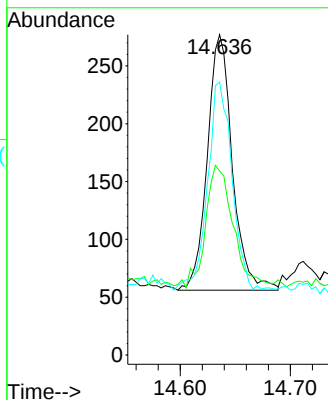
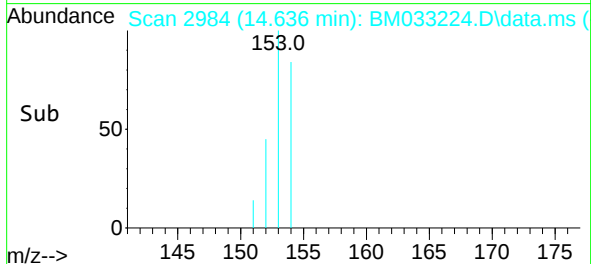
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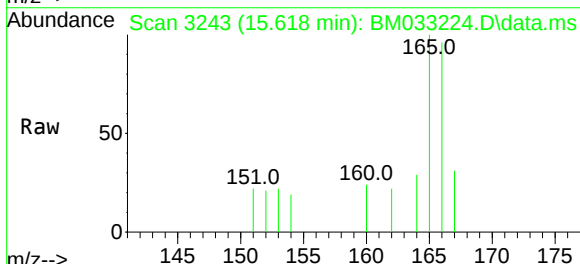
Tgt Ion:153 Resp: 349
Ion Ratio Lower Upper
153 100
152 57.4 40.6 60.8
154 85.2 70.8 106.2

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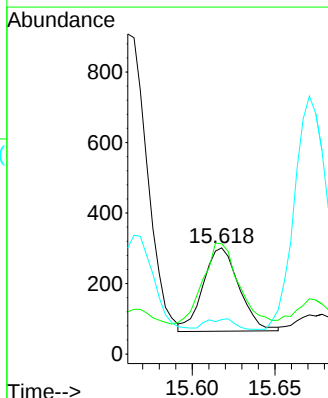
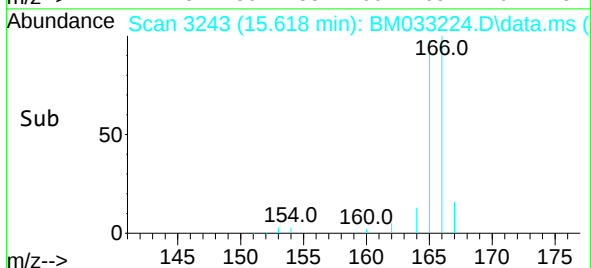
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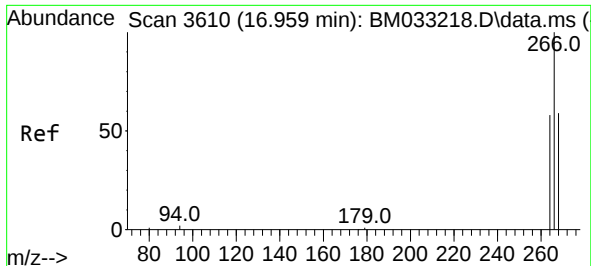


#12
Fluorene
Concen: 0.024 ng/u1
RT: 15.618 min Scan# 3243
Delta R.T. -0.009 min
Lab File: BM033224.D
Acq: 22 Nov 2021 20:13



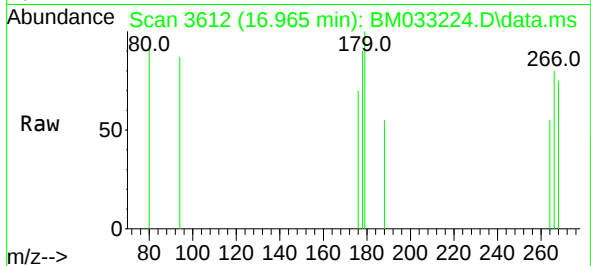
Tgt Ion:166 Resp: 358
Ion Ratio Lower Upper
166 100
165 104.0 80.8 121.2
167 32.6 11.7 17.5#





#14
Pentachlorophenol
Concen: 0.022 ng/ul
RT: 16.965 min Scan# 3612
Delta R.T. -0.001 min
Lab File: BM033224.D
Acq: 22 Nov 2021 20:13

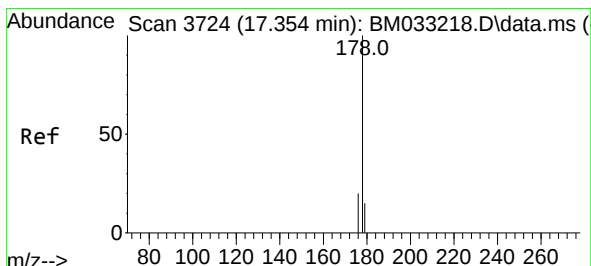
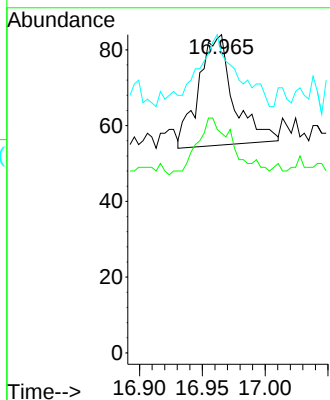
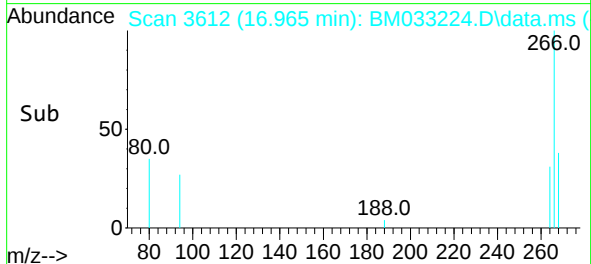
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:266 Resp: 51.2
Ion Ratio Lower Upper
266 100
264 52.6 51.2 76.8
268 73.7 52.9 79.3

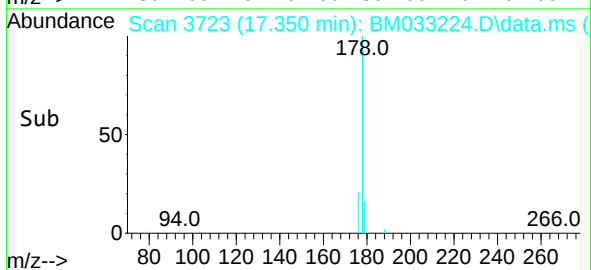
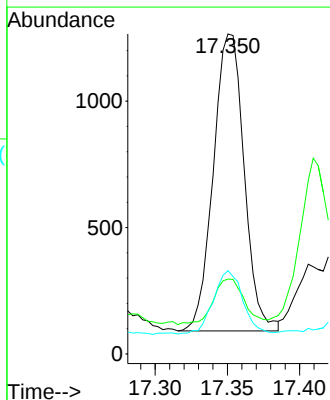
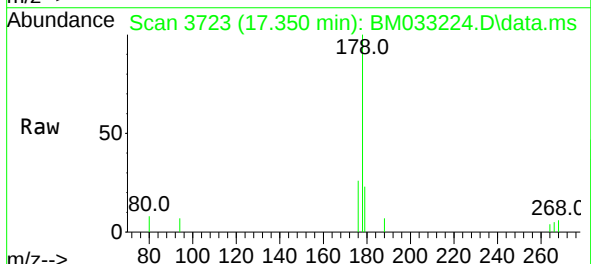
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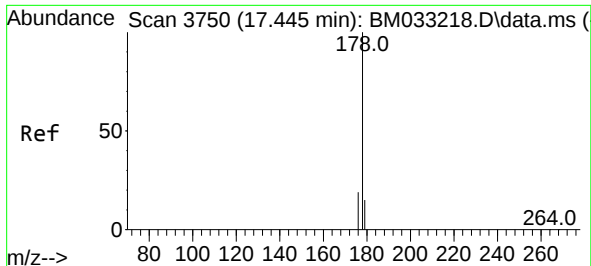
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#15
Phenanthrene
Concen: 0.062 ng/ul
RT: 17.350 min Scan# 3723
Delta R.T. -0.008 min
Lab File: BM033224.D
Acq: 22 Nov 2021 20:13

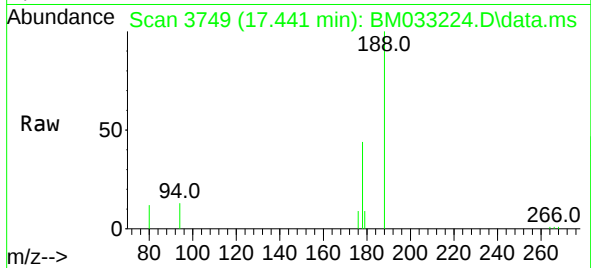
Tgt Ion:178 Resp: 1747
Ion Ratio Lower Upper
178 100
179 23.4 12.9 19.3#
176 26.1 16.0 24.0#





#16
 Anthracene
 Concen: 0.159 ng/ul
 RT: 17.441 min Scan# 31
 Delta R.T. -0.011 min
 Lab File: BM033224.D
 Acq: 22 Nov 2021 20:13

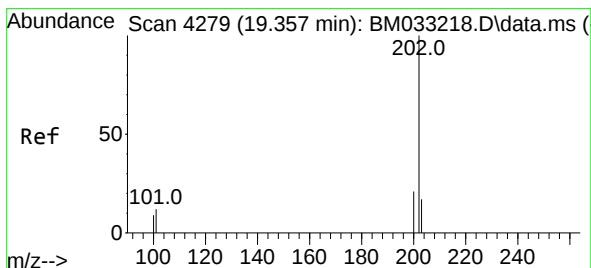
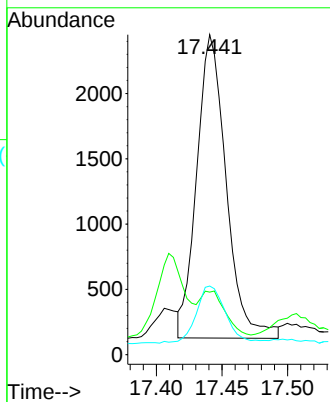
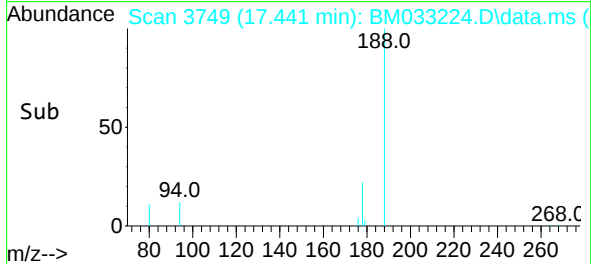
Instrument :
 BNA_M
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Tgt Ion:178 Resp: 363
 Ion Ratio Lower Upper
 178 100
 179 19.5 13.0 19.6
 176 21.4 15.6 23.4

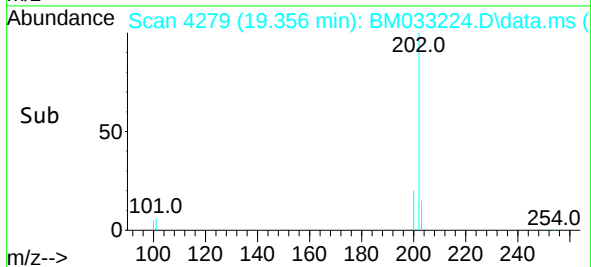
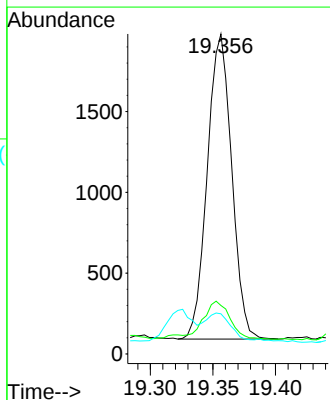
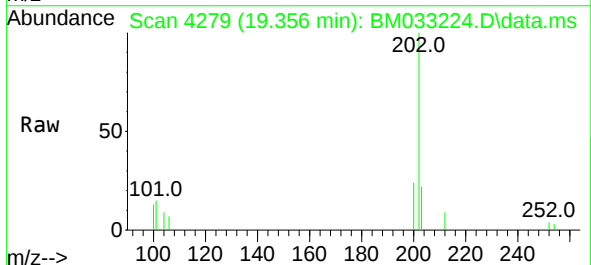
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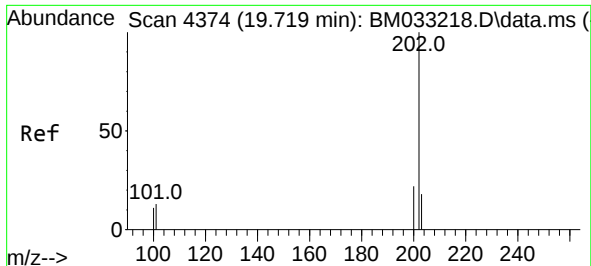
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#19
 Fluoranthene
 Concen: 0.057 ng/ul
 RT: 19.356 min Scan# 4279
 Delta R.T. -0.005 min
 Lab File: BM033224.D
 Acq: 22 Nov 2021 20:13

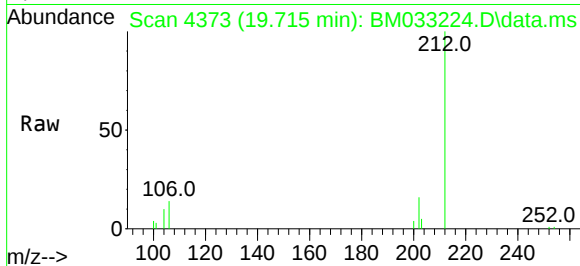
Tgt Ion:202 Resp: 2558
 Ion Ratio Lower Upper
 202 100
 101 15.2 9.9 14.9#
 100 12.6 7.3 10.9#





#20
Pyrene
Concen: 0.052 ng/uI
RT: 19.715 min Scan# 4374
Delta R.T. -0.009 min
Lab File: BM033224.D
Acq: 22 Nov 2021 20:13

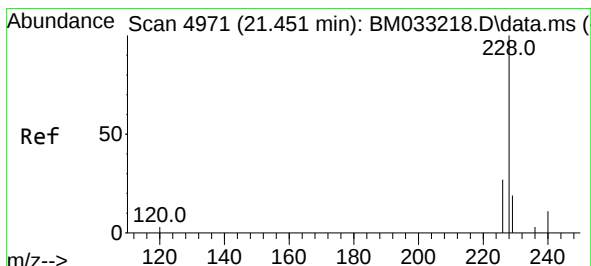
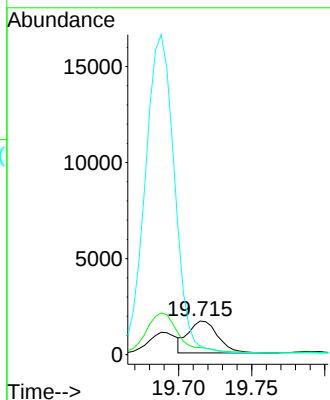
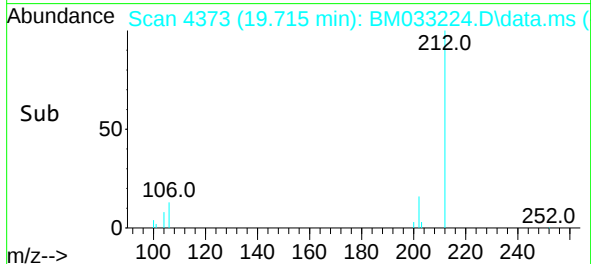
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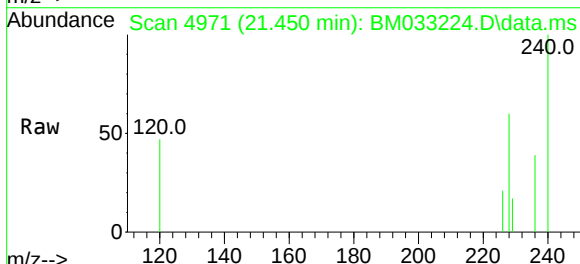
Tgt Ion:202 Resp: 2336
Ion Ratio Lower Upper
202 100
101 20.9 11.8 17.6#
100 26.3 9.5 14.3#

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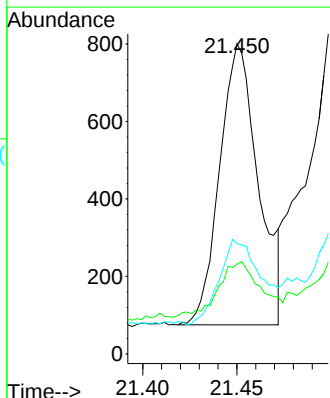
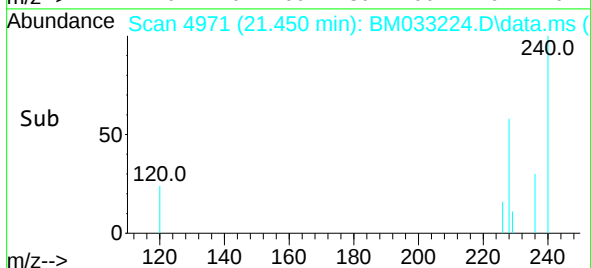
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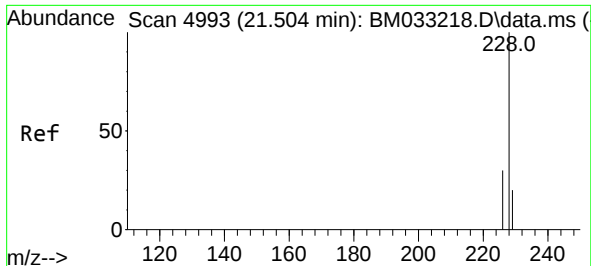


#21
Benzo(a)anthracene
Concen: 0.031 ng/uI
RT: 21.450 min Scan# 4971
Delta R.T. -0.006 min
Lab File: BM033224.D
Acq: 22 Nov 2021 20:13



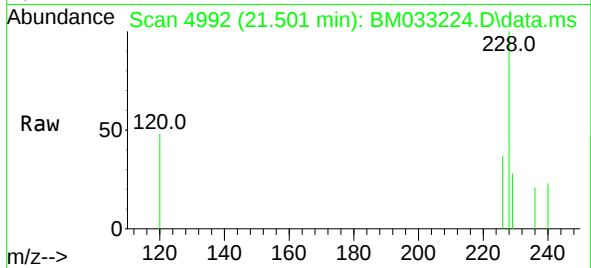
Tgt Ion:228 Resp: 1038
Ion Ratio Lower Upper
228 100
229 29.0 15.7 23.5#
226 35.6 22.4 33.6#





#22
Chrysene
Concen: 0.037 ng/ul
RT: 21.501 min Scan# 4992
Delta R.T. -0.006 min
Lab File: BM033224.D
Acq: 22 Nov 2021 20:13

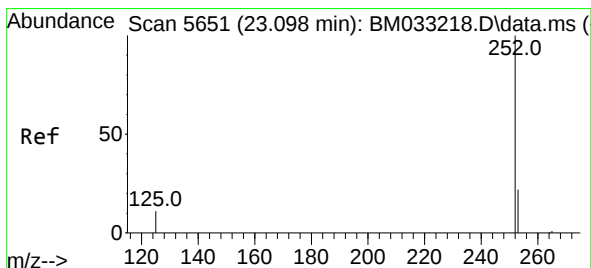
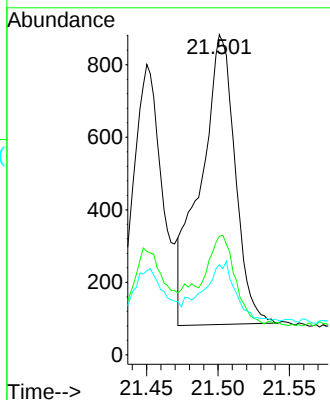
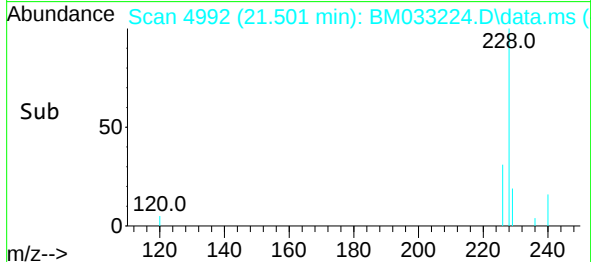
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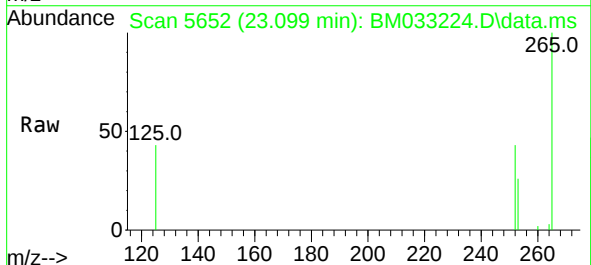
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Ion Ratio Lower Upper
228 100
226 37.0 24.9 37.3
229 28.2 16.1 24.1

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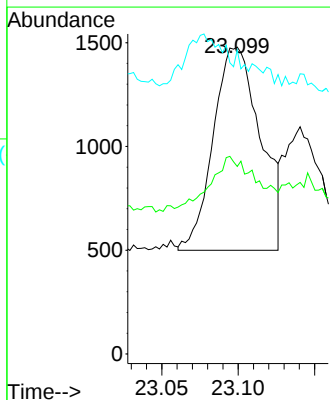
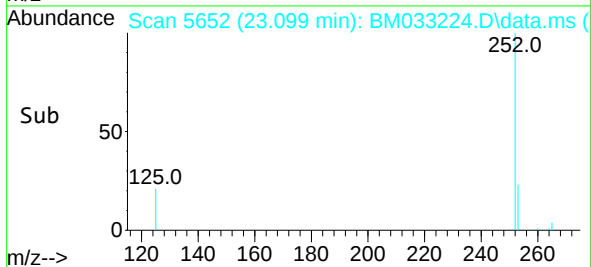
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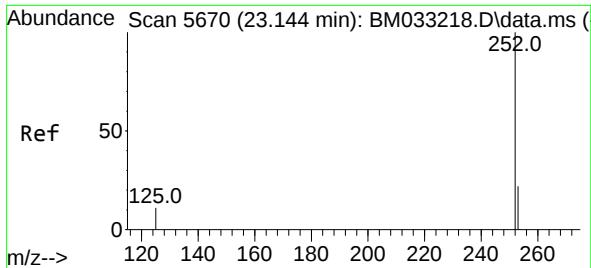


#24
Benzo(b)fluoranthene
Concen: 0.043 ng/ul m
RT: 23.099 min Scan# 5652
Delta R.T. -0.001 min
Lab File: BM033224.D
Acq: 22 Nov 2021 20:13



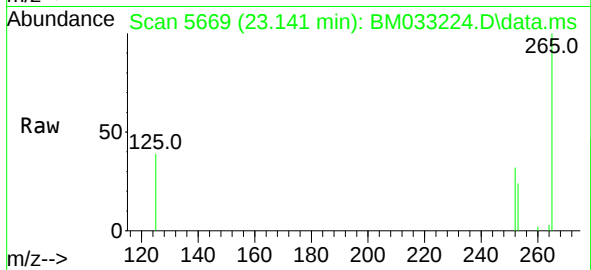
Tgt Ion:252 Resp: 2107
Ion Ratio Lower Upper
252 100
253 61.1 0.0 59.2#
125 99.1 0.0 34.2#





#25
Benzo(k)fluoranthene
Concen: 0.022 ng/ul m
RT: 23.141 min Scan# 50
Delta R.T. -0.008 min
Lab File: BM033224.D
Acq: 22 Nov 2021 20:13

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ClientSampleId :
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Tgt Ion:252 Resp: 1040
Ion Ratio Lower Upper
252 100
253 75.5 23.1 34.7
125 123.3 14.6 21.8

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