

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121123\
 Data File : BM043272.D
 Acq On : 12 Dec 2023 20:11
 Operator : MA/JU
 Sample : PB157681BL
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SBLK681

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/14/2023
 Supervised By :mohammad ahmed 12/14/2023

Quant Time: Dec 12 22:53:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 11 16:25:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.005	152	8847	0.400	ng/ul	0.00
4) Naphthalene-d8	10.812	136	28873	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.629	164	16115	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.367	188	31820m	0.400	ng/ul	0.00
17) Chrysene-d12	21.533	240	17516m	0.400	ng/ul	0.00
23) Perylene-d12	23.950	264	20728m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.402	96	75488	6.753	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.396	152	14172	0.346	ng/ul	0.00
18) Fluoranthene-d10	19.385	212	23395	0.374	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.862	128	6593	0.076	ng/ul	96
7) 2-Methylnaphthalene	12.467	142	3711	0.066	ng/ul	97
8) 1-Methylnaphthalene	12.682	142	1869	0.033	ng/ul	99
11) Acenaphthene	14.689	153	7902	0.122	ng/ul	100
12) Fluorene	15.675	166	8131	0.111	ng/ul	99
15) Phenanthrene	17.409	178	30967	0.292	ng/ul	100
16) Anthracene	17.497	178	4089m	0.042	ng/ul	
19) Fluoranthene	19.413	202	13410	0.136	ng/ul#	92
20) Pyrene	19.775	202	9009	0.092	ng/ul#	88
21) Benzo(a)anthracene	21.518	228	1708	0.022	ng/ul#	90

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

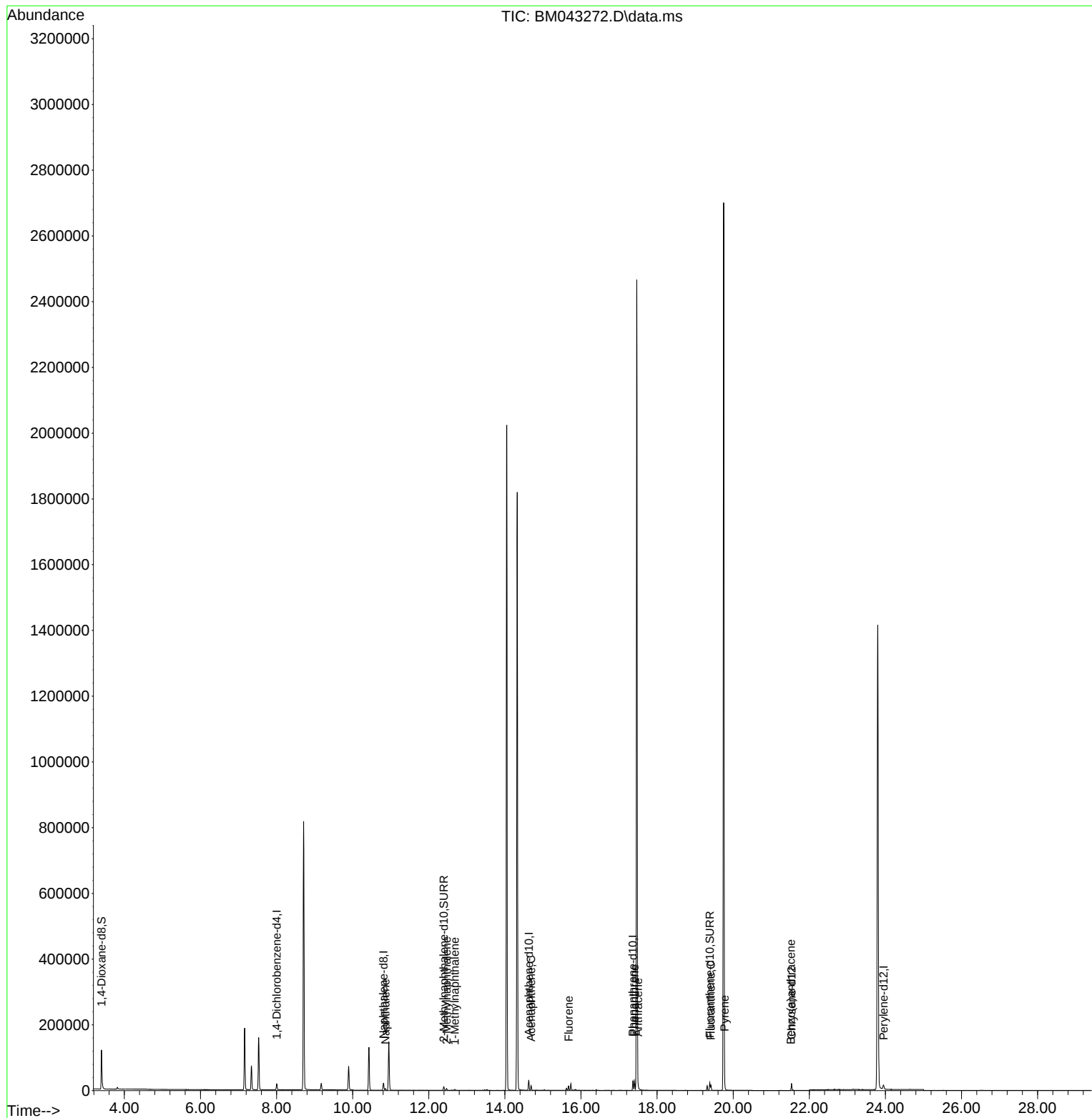
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121123\
Data File : BM043272.D
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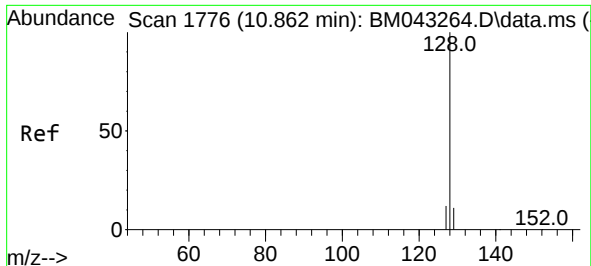
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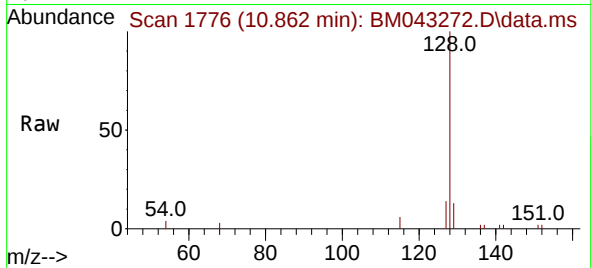
Quant Time: Dec 12 22:53:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121123.M
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#5
Naphthalene
Concen: 0.076 ng/ul
RT: 10.862 min Scan# 1776
Delta R.T. -0.006 min
Lab File: BM043272.D
Acq: 12 Dec 2023 20:11

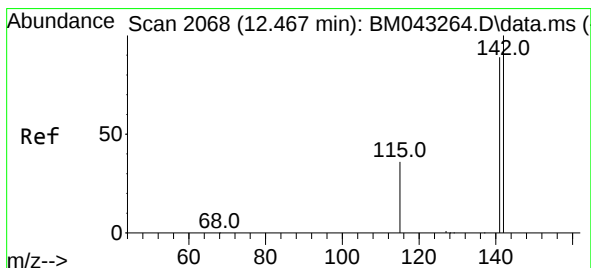
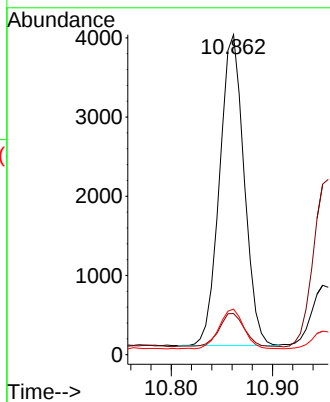
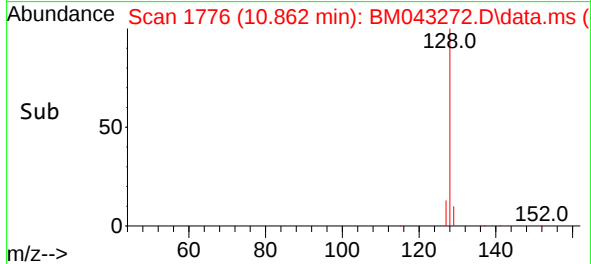
Instrument :
BNA_M
ClientSampleId :
SBLK681



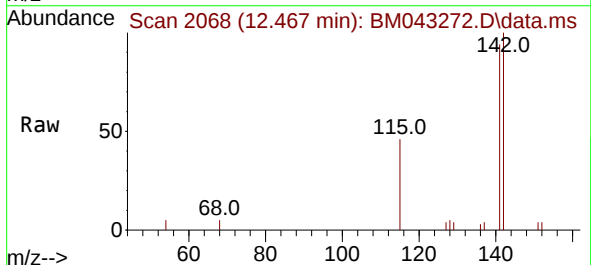
Tgt Ion:128 Resp: 659
Ion Ratio Lower Upper
128 100
129 12.8 9.0 13.4
127 14.3 10.3 15.5

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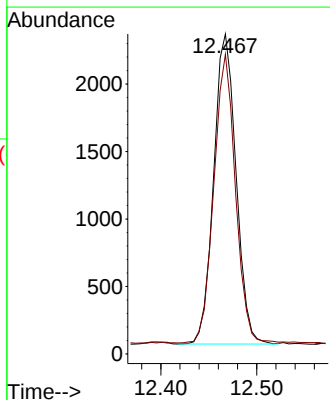
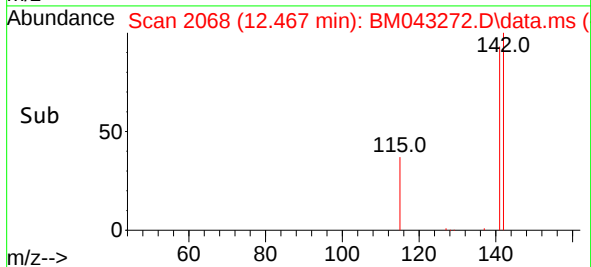
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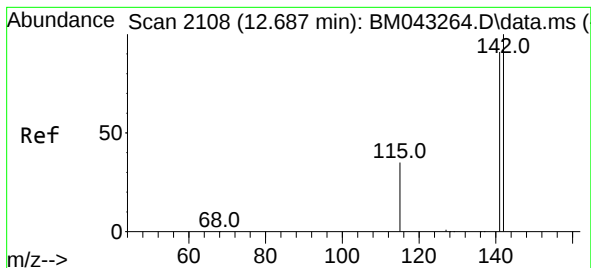


#7
2-Methylnaphthalene
Concen: 0.066 ng/ul
RT: 12.467 min Scan# 2068
Delta R.T. -0.006 min
Lab File: BM043272.D
Acq: 12 Dec 2023 20:11



Tgt Ion:142 Resp: 3711
Ion Ratio Lower Upper
142 100
141 91.4 70.9 106.3





#8

1-Methylnaphthalene

Concen: 0.033 ng/ul

RT: 12.682 min Scan# 2107

Delta R.T. -0.006 min

Lab File: BM043272.D

Acq: 12 Dec 2023 20:11

Instrument :

BNA_M

ClientSampleId :

SBLK681

Tgt Ion:142 Resp: 1869

Ion Ratio Lower Upper

142 100

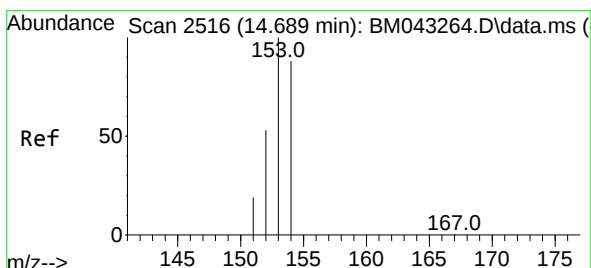
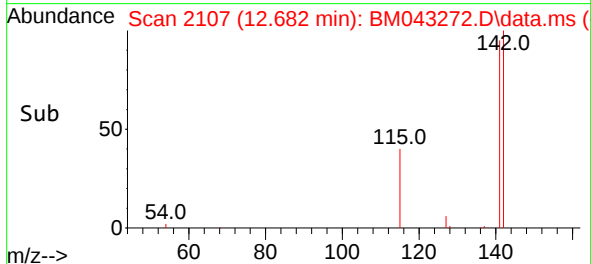
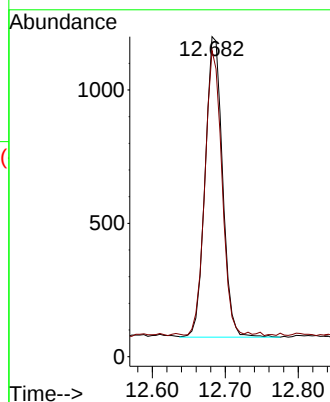
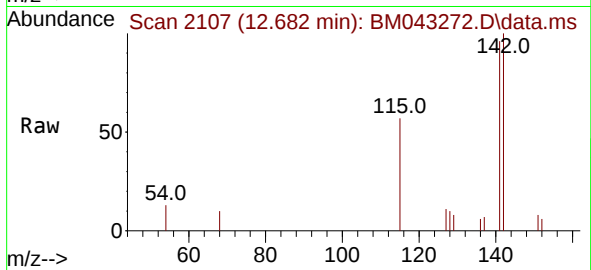
141 93.0 73.7 110.5

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#11

Acenaphthene

Concen: 0.122 ng/ul

RT: 14.689 min Scan# 2516

Delta R.T. -0.005 min

Lab File: BM043272.D

Acq: 12 Dec 2023 20:11

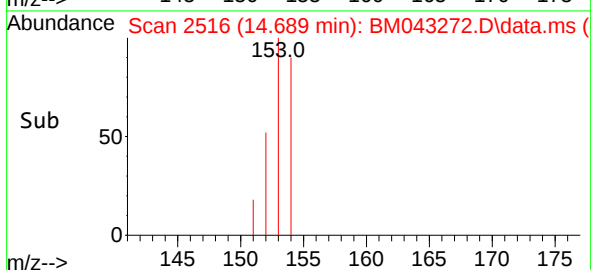
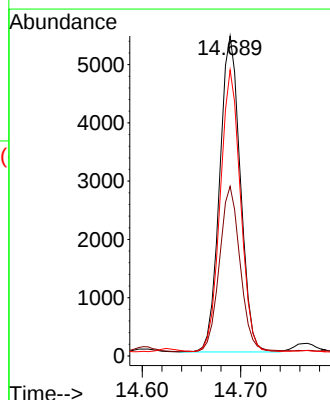
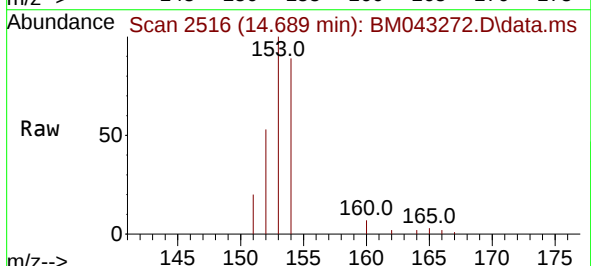
Tgt Ion:153 Resp: 7902

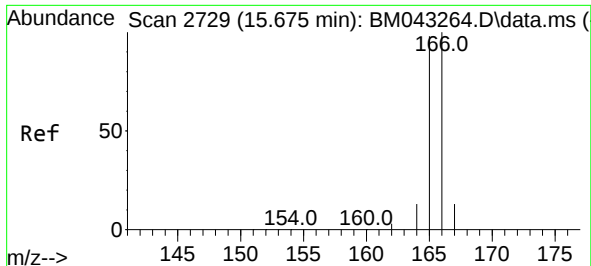
Ion Ratio Lower Upper

153 100

152 53.0 42.1 63.1

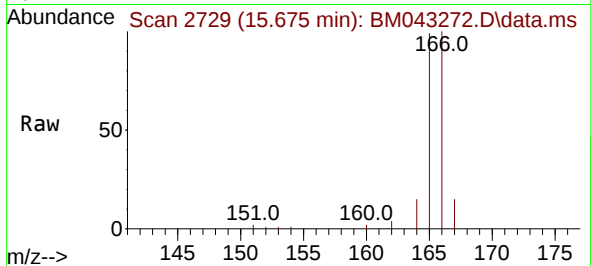
154 89.4 71.3 106.9





#12
Fluorene
Concen: 0.111 ng/u1
RT: 15.675 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM043272.D
Acq: 12 Dec 2023 20:11

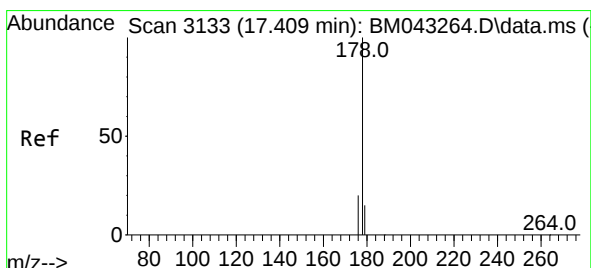
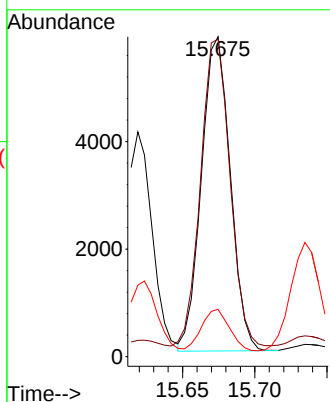
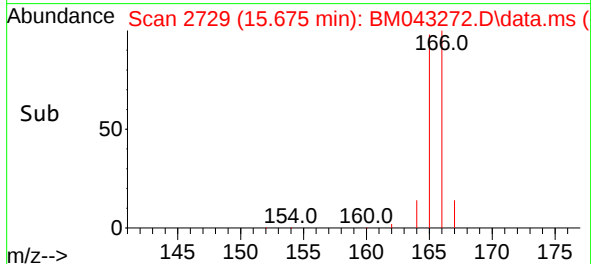
Instrument :
BNA_M
ClientSampleId :
SBLK681



Tgt Ion:166 Resp: 813
Ion Ratio Lower Upper
166 100
165 99.3 80.3 120.5
167 14.8 10.8 16.2

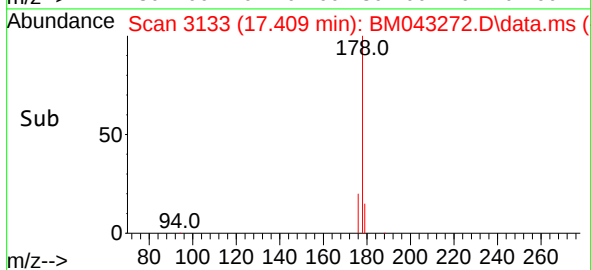
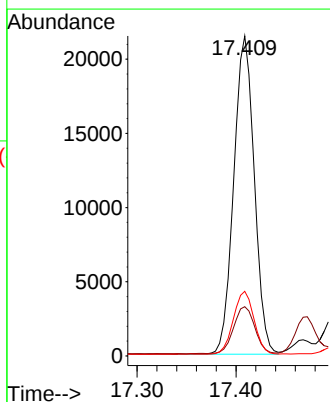
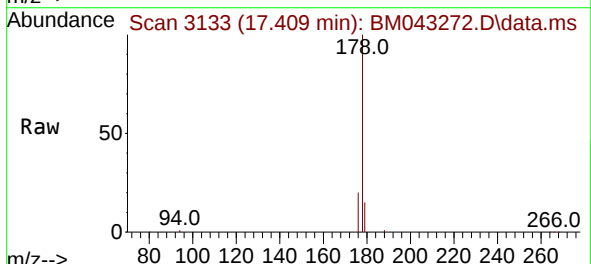
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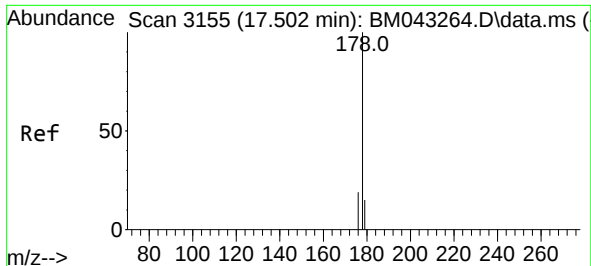
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#15
Phenanthrene
Concen: 0.292 ng/u1
RT: 17.409 min Scan# 3133
Delta R.T. -0.000 min
Lab File: BM043272.D
Acq: 12 Dec 2023 20:11

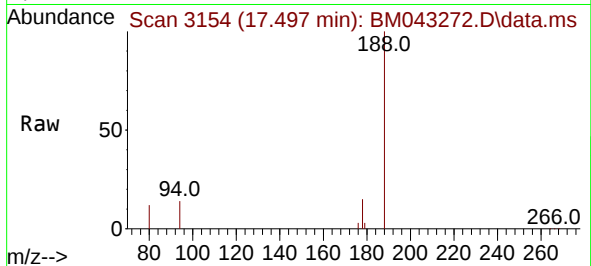
Tgt Ion:178 Resp: 30967
Ion Ratio Lower Upper
178 100
179 15.4 12.4 18.6
176 20.2 16.2 24.2





#16
 Anthracene
 Concen: 0.042 ng/ul m
 RT: 17.497 min Scan# 3155
 Delta R.T. -0.004 min
 Lab File: BM043272.D
 Acq: 12 Dec 2023 20:11

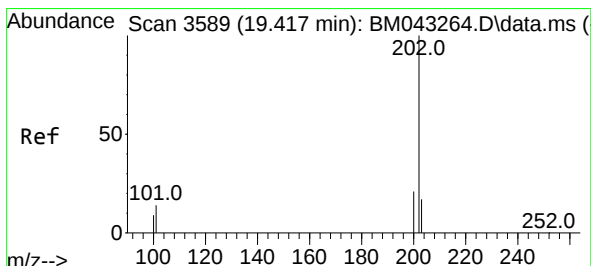
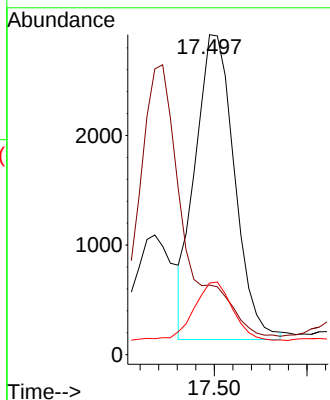
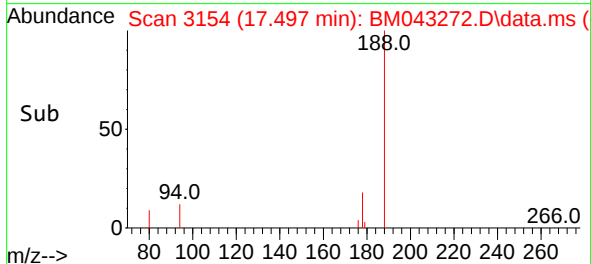
Instrument :
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Tgt Ion:178 Resp: 4089
 Ion Ratio Lower Upper
 178 100
 179 21.7 12.6 18.8#
 176 22.4 15.6 23.4#

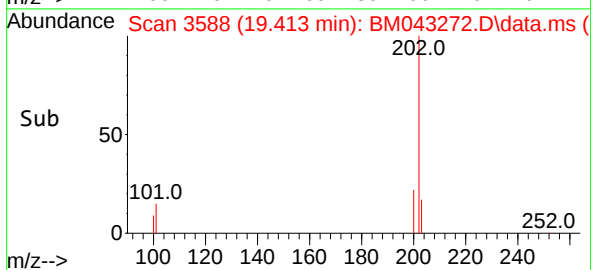
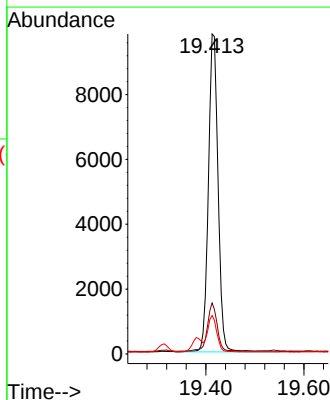
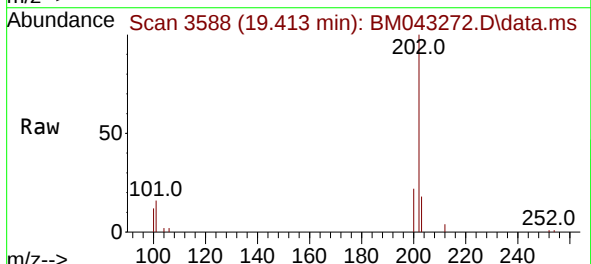
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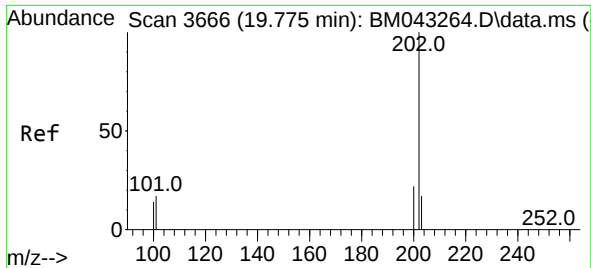
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#19
 Fluoranthene
 Concen: 0.136 ng/ul
 RT: 19.413 min Scan# 3588
 Delta R.T. -0.005 min
 Lab File: BM043272.D
 Acq: 12 Dec 2023 20:11

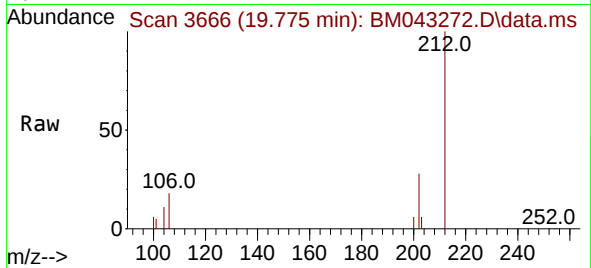
Tgt Ion:202 Resp: 13410
 Ion Ratio Lower Upper
 202 100
 101 16.0 10.1 15.1#
 100 12.0 7.4 11.2#





#20
Pyrene
Concen: 0.092 ng/ul
RT: 19.775 min Scan# 3666
Delta R.T. -0.000 min
Lab File: BM043272.D
Acq: 12 Dec 2023 20:11

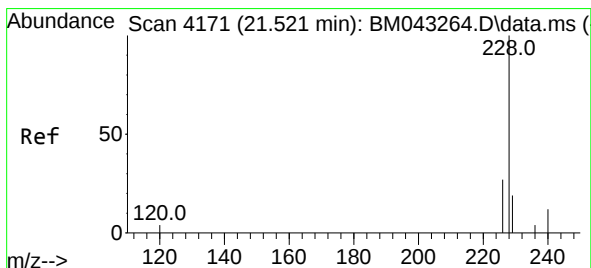
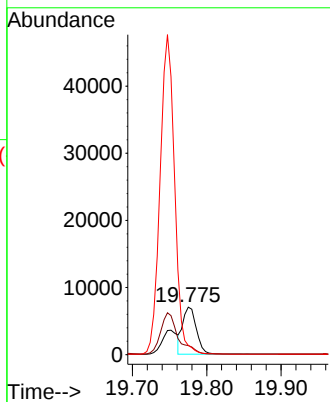
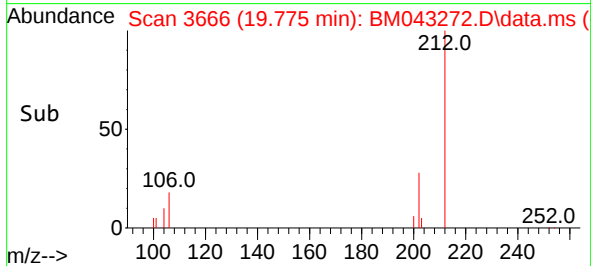
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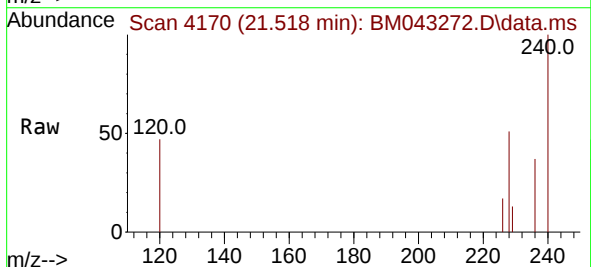
Tgt Ion:202 Resp: 9009
Ion Ratio Lower Upper
202 100
101 19.2 12.7 19.1
100 19.4 9.8 14.8

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#21
Benzo(a)anthracene
Concen: 0.022 ng/ul
RT: 21.518 min Scan# 4170
Delta R.T. -0.000 min
Lab File: BM043272.D
Acq: 12 Dec 2023 20:11



Tgt Ion:228 Resp: 1708
Ion Ratio Lower Upper
228 100
229 25.1 15.5 23.3
226 32.8 22.6 34.0

