

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062822\
 Data File : BM035732.D
 Acq On : 28 Jun 2022 20:02
 Operator : CG/JU
 Sample : N3400-14
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AE7

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/29/2022
 Supervised By :mohammad ahmed 07/01/2022

Quant Time: Jun 29 04:27:45 2022

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM062522.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Jun 29 04:24:18 2022

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	2553	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.567	136	8139	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.418	164	7466m	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.166	188	8631m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.366	240	6685	0.400	ng/ul	# 0.00
23) Perylene-d12	23.680	264	8171	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.209	96	20260	5.848	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.173	152	5199	0.408	ng/ul	-0.03
18) Fluoranthene-d10	19.201	212	9576	0.425	ng/ul	0.00
Target Compounds						
2) 1,4-Dioxane	3.247	88	2191m	0.639	ng/ul	Qvalue
5) Naphthalene	10.617	128	353813	14.221	ng/ul	95
7) 2-Methylnaphthalene	12.244	142	7797	0.500	ng/ul	92
8) 1-Methylnaphthalene	12.459	142	3628	0.246	ng/ul	100
19) Fluoranthene	19.234	202	810	0.024	ng/ul#	29
21) Benzo(a)anthracene	21.354	228	685	0.030	ng/ul#	36
22) Chrysene	21.406	228	900	0.030	ng/ul#	53
24) Benzo(b)fluoranthene	22.982	252	1363	0.039	ng/ul#	1
25) Benzo(k)fluoranthene	23.028	252	1182	0.033	ng/ul#	1

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

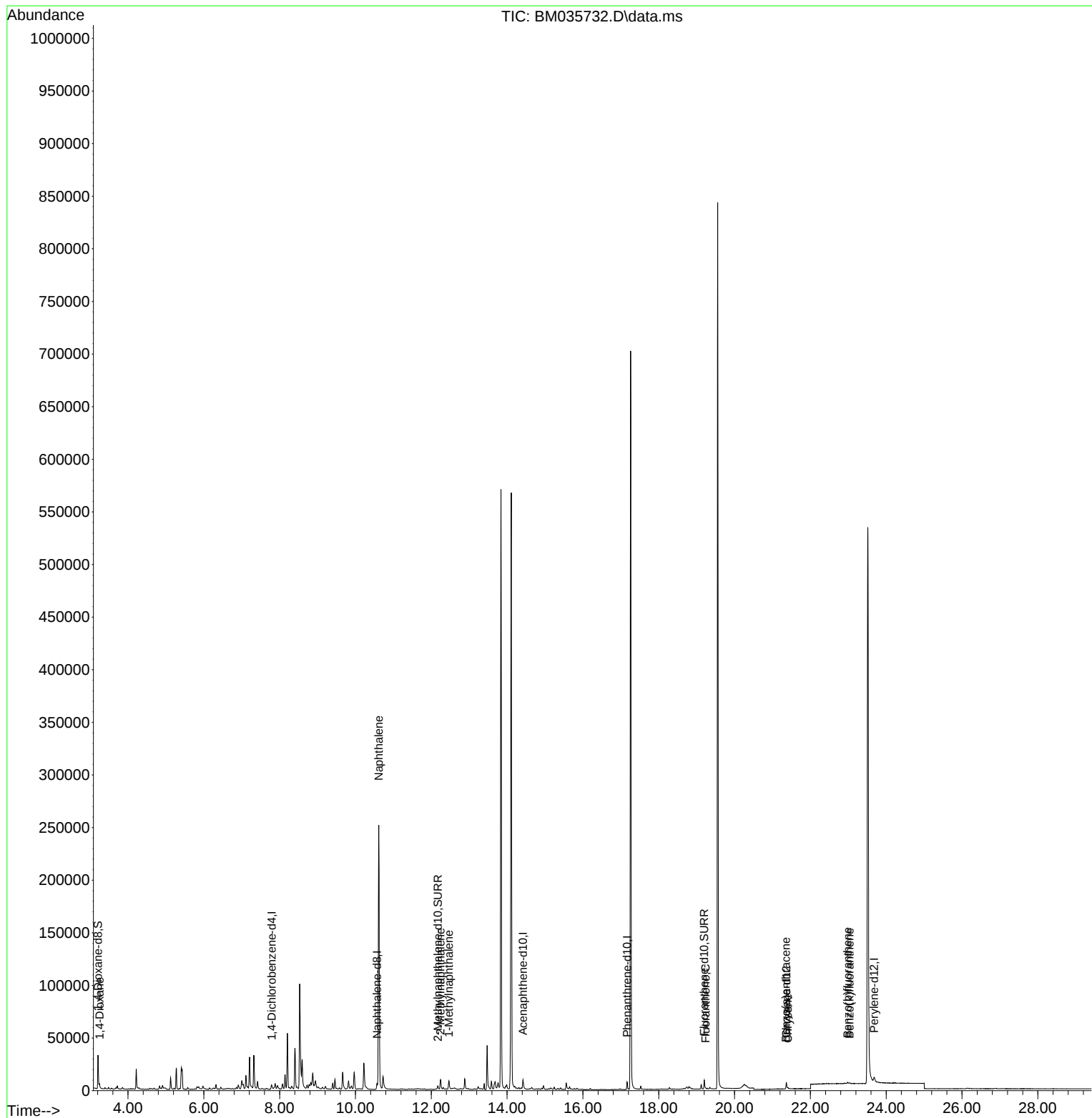
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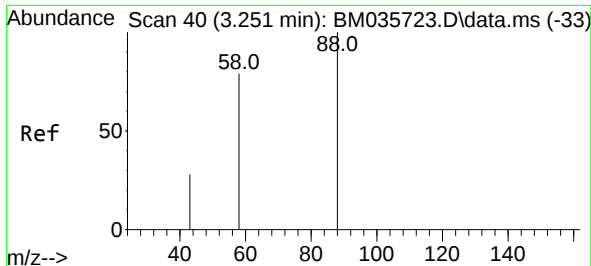
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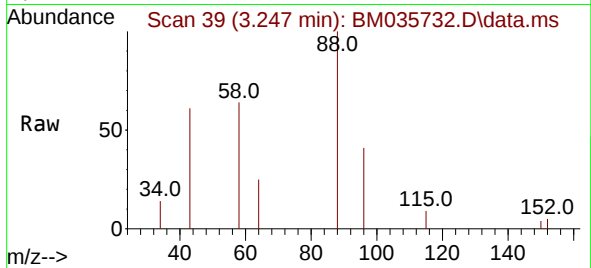
Quant Time: Jun 29 04:27:45 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM062522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#2
1,4-Dioxane
Concen: 0.639 ng/ul m
RT: 3.247 min Scan# 39
Delta R.T. -0.004 min
Lab File: BM035732.D
Acq: 28 Jun 2022 20:02

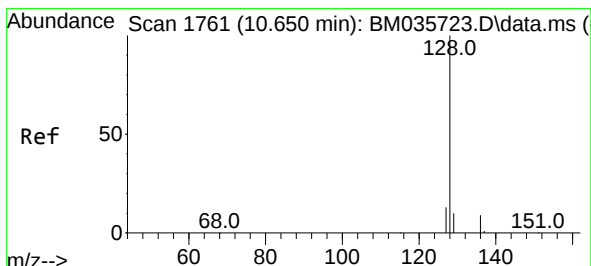
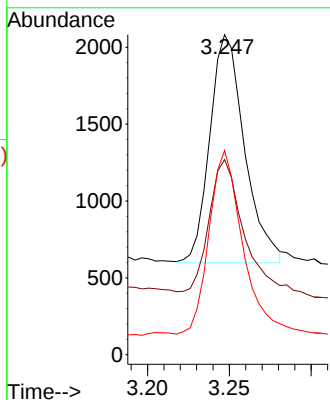
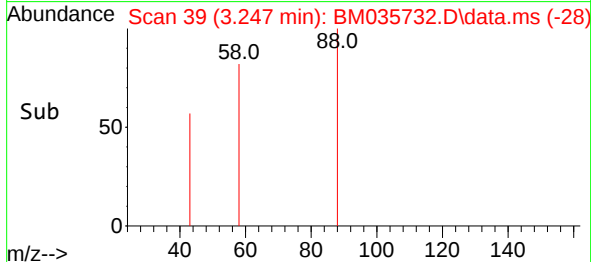
Instrument :
BNA_M
ClientSampleId :
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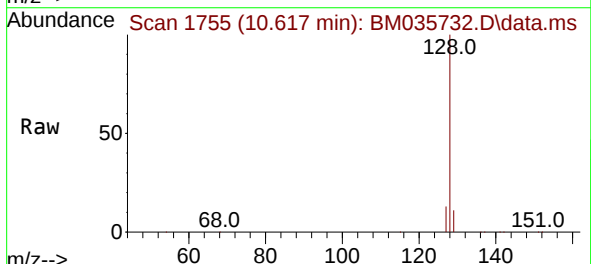
Tgt Ion: 88 Resp: 219
Ion Ratio Lower Upper
88 100
43 61.0 37.8 56.6
58 63.8 42.6 63.8

Manual Integrations
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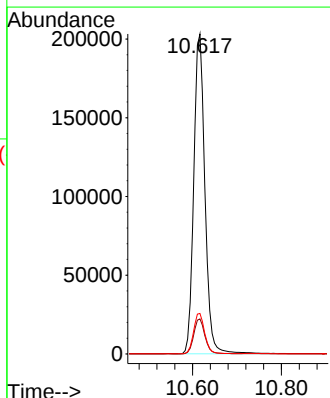
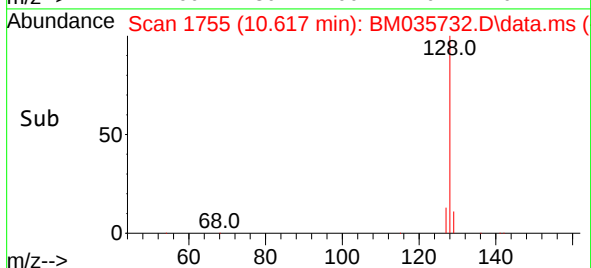
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Supervised By :mohammad ahmed 07/01/2022

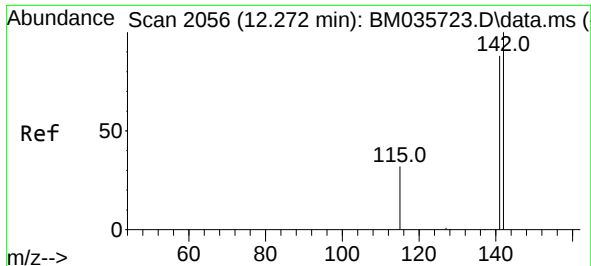


#5
Naphthalene
Concen: 14.221 ng/ul
RT: 10.617 min Scan# 1755
Delta R.T. -0.033 min
Lab File: BM035732.D
Acq: 28 Jun 2022 20:02



Tgt Ion:128 Resp: 353813
Ion Ratio Lower Upper
128 100
129 10.9 10.2 15.2
127 12.6 11.7 17.5





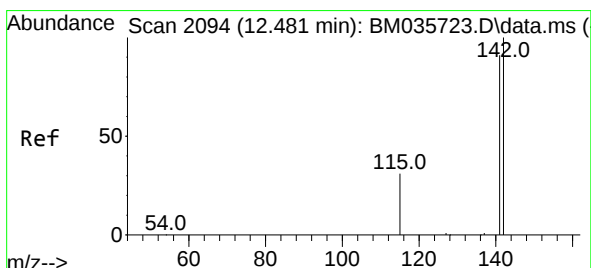
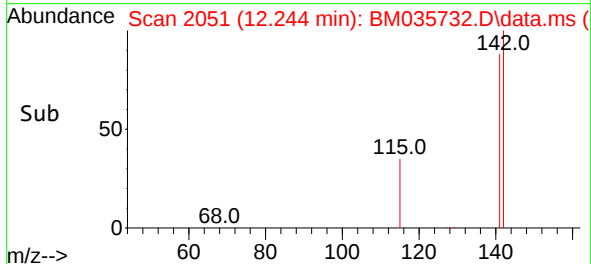
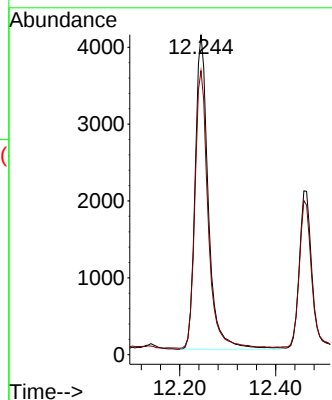
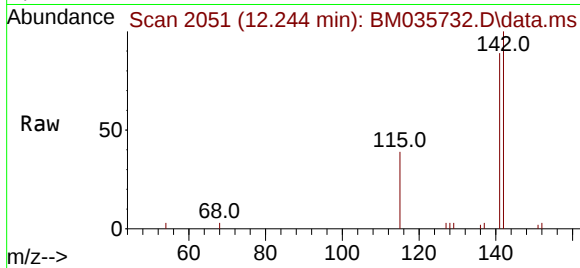
#7
2-Methylnaphthalene
Concen: 0.500 ng/ul
RT: 12.244 min Scan# 2051
Delta R.T. -0.027 min
Lab File: BM035732.D
Acq: 28 Jun 2022 20:02

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Tgt Ion:142 Resp: 779
Ion Ratio Lower Upper
142 100
141 88.5 77.4 116.0

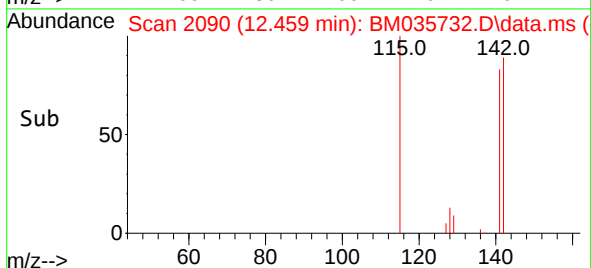
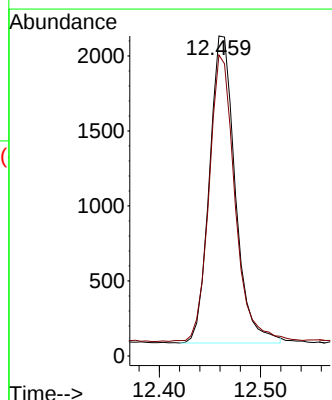
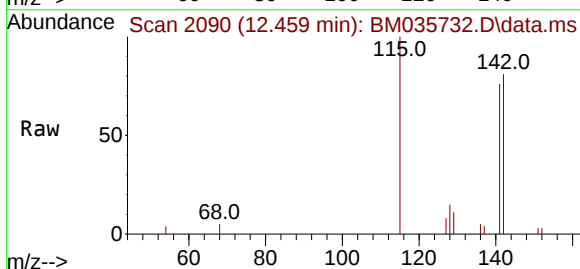
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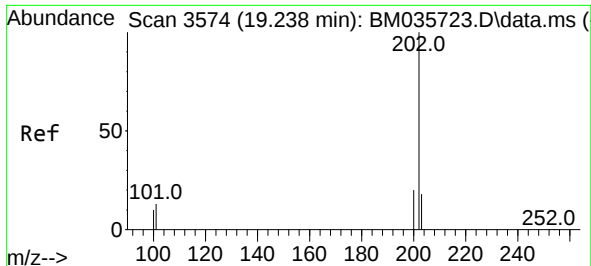
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#8
1-Methylnaphthalene
Concen: 0.246 ng/ul
RT: 12.459 min Scan# 2090
Delta R.T. -0.022 min
Lab File: BM035732.D
Acq: 28 Jun 2022 20:02

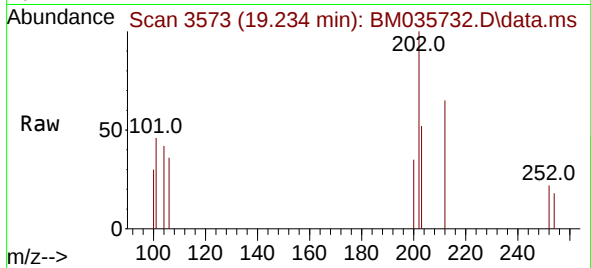
Tgt Ion:142 Resp: 3628
Ion Ratio Lower Upper
142 100
141 93.0 74.1 111.1





#19
Fluoranthene
Concen: 0.024 ng/u1
RT: 19.234 min Scan# 3573
Delta R.T. -0.005 min
Lab File: BM035732.D
Acq: 28 Jun 2022 20:02

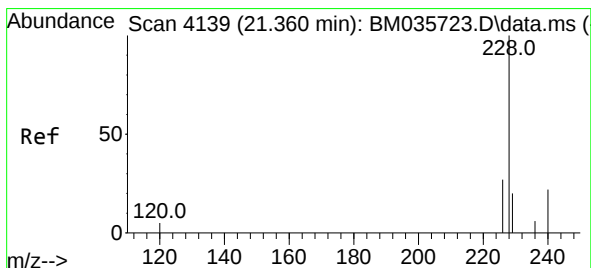
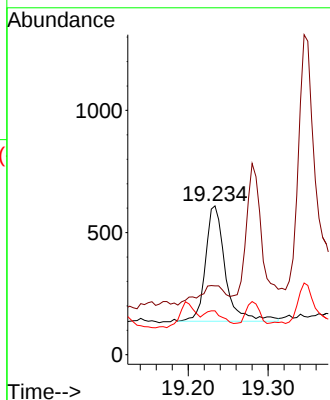
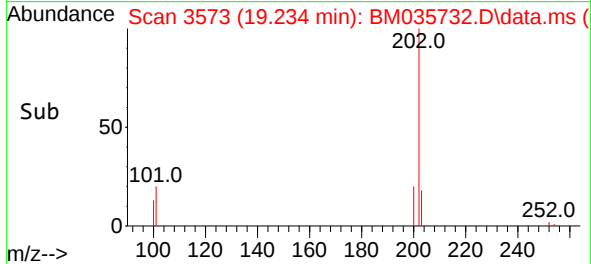
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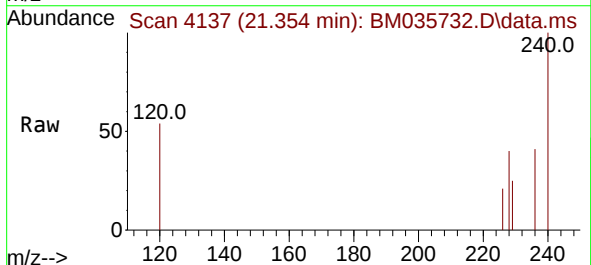
Tgt Ion:202 Resp: 810
Ion Ratio Lower Upper
202 100
101 46.3 10.1 15.1#
100 29.6 7.9 11.9#

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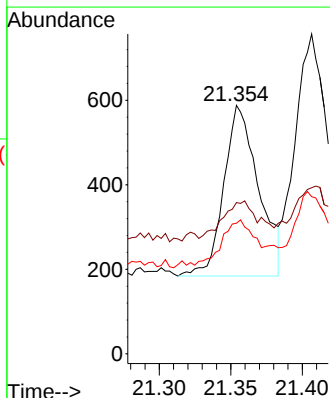
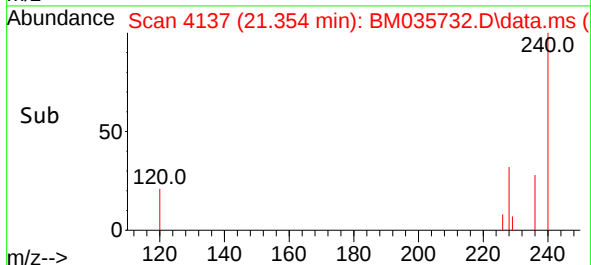
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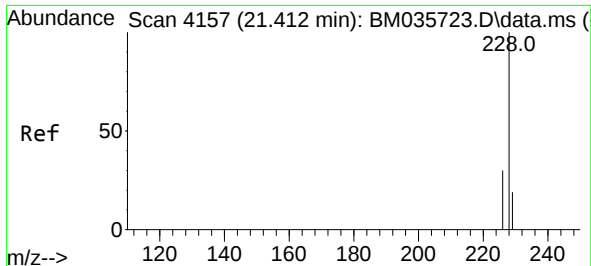


#21
Benzo(a)anthracene
Concen: 0.030 ng/u1
RT: 21.354 min Scan# 4137
Delta R.T. -0.006 min
Lab File: BM035732.D
Acq: 28 Jun 2022 20:02



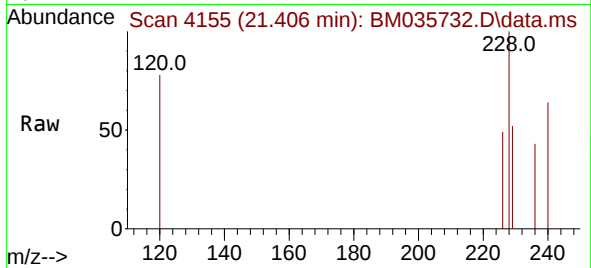
Tgt Ion:228 Resp: 685
Ion Ratio Lower Upper
228 100
229 60.9 16.2 24.2#
226 52.6 22.5 33.7#





#22
Chrysene
Concen: 0.030 ng/ul
RT: 21.406 min Scan# 4155
Delta R.T. -0.006 min
Lab File: BM035732.D
Acq: 28 Jun 2022 20:02

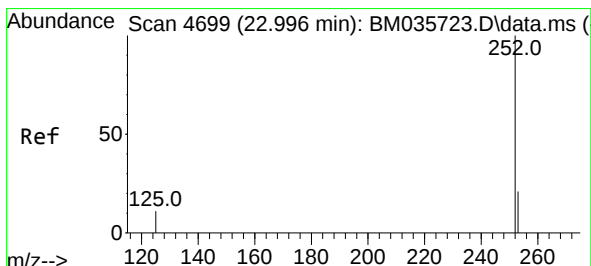
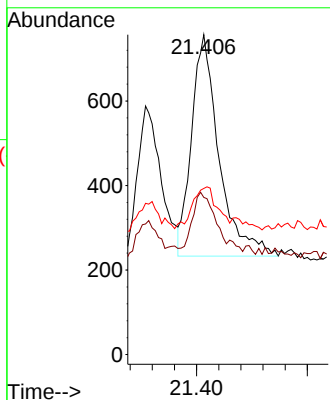
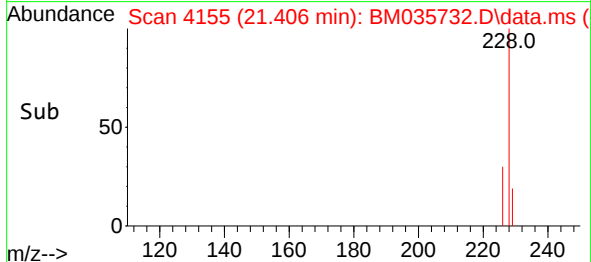
Instrument :
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ClientSampleId :
C0AE7



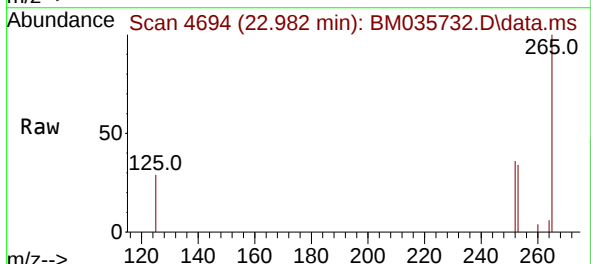
Tgt Ion:228 Resp: 900
Ion Ratio Lower Upper
228 100
226 49.1 24.6 37.0#
229 51.9 16.4 24.6#

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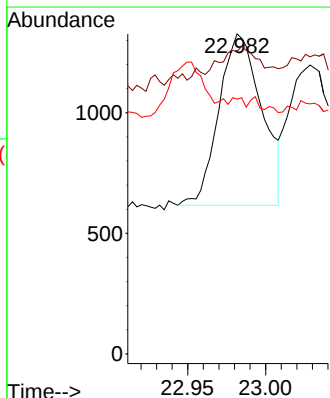
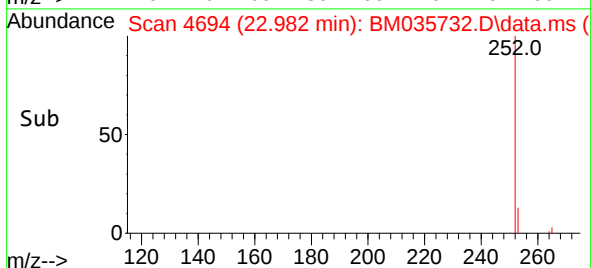
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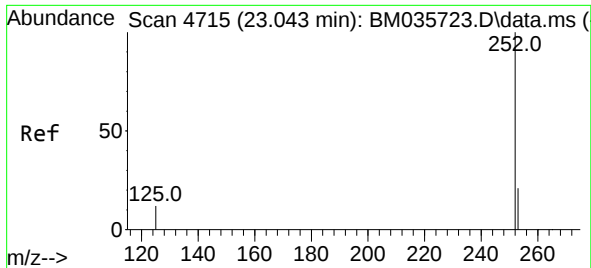


#24
Benzo(b)fluoranthene
Concen: 0.039 ng/ul
RT: 22.982 min Scan# 4694
Delta R.T. -0.015 min
Lab File: BM035732.D
Acq: 28 Jun 2022 20:02



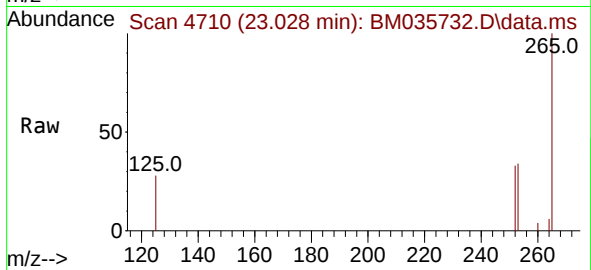
Tgt Ion:252 Resp: 1363
Ion Ratio Lower Upper
252 100
253 94.6 0.0 61.4#
125 79.7 0.0 42.6#





#25
Benzo(k)fluoranthene
Concen: 0.033 ng/ul
RT: 23.028 min Scan# 41
Delta R.T. -0.015 min
Lab File: BM035732.D
Acq: 28 Jun 2022 20:02

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:252 Resp: 118
Ion Ratio Lower Upper
252 100
253 102.8 25.2 37.8
125 86.6 18.3 27.5

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