

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012022\
 Data File : BM033821.D
 Acq On : 21 Jan 2022 12:58
 Operator : CG/JU
 Sample : N1129-05MSD
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBLZ8MSD

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 01/24/2022
 Supervised By :mohammad ahmed 01/27/2022

Quant Time: Jan 21 23:36:33 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM010422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 21 01:34:59 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	3439	0.400	ng/ul	0.00
4) Naphthalene-d8	10.760	136	12950	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.583	164	6793	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.316	188	12017	0.400	ng/ul	0.00
17) Chrysene-d12	21.477	240	7059	0.400	ng/ul #	0.00
23) Perylene-d12	23.878	264	7435	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.303	96	1221	0.333	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.348	152	3680	0.209	ng/ul	0.00
18) Fluoranthene-d10	19.338	212	5623	0.257	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.337	88	3623	0.907	ng/ul#	82
5) Naphthalene	10.810	128	13424	0.358	ng/ul#	88
7) 2-Methylnaphthalene	12.420	142	7360	0.305	ng/ul	100
8) 1-Methylnaphthalene	12.636	142	6946	0.294	ng/ul	100
10) Acenaphthylene	14.303	152	9661	0.308	ng/ul#	92
11) Acenaphthene	14.644	153	11215	0.448	ng/ul	95
12) Fluorene	15.626	166	9897	0.330	ng/ul#	96
14) Pentachlorophenol	16.972	266	1504	0.317	ng/ul	99
15) Phenanthrene	17.358	178	105827	2.719	ng/ul	93
16) Anthracene	17.451	178	28258	0.791	ng/ul#	91
19) Fluoranthene	19.368	202	177207	5.352	ng/ul	98
20) Pyrene	19.727	202	145304	4.338	ng/ul	97
21) Benzo(a)anthracene	21.463	228	74304	2.534	ng/ul	98
22) Chrysene	21.514	228	71820	2.395	ng/ul	98
24) Benzo(b)fluoranthene	23.146	252	96692m	2.969	ng/ul	
25) Benzo(k)fluoranthene	23.190	252	43074m	1.348	ng/ul	
26) Benzo(a)pyrene	23.771	252	70040	2.474	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	26.378	276	56042	1.520	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.395	278	18572	0.634	ng/ul	94
29) Benzo(g,h,i)perylene	27.146	276	49940	1.576	ng/ul	94

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

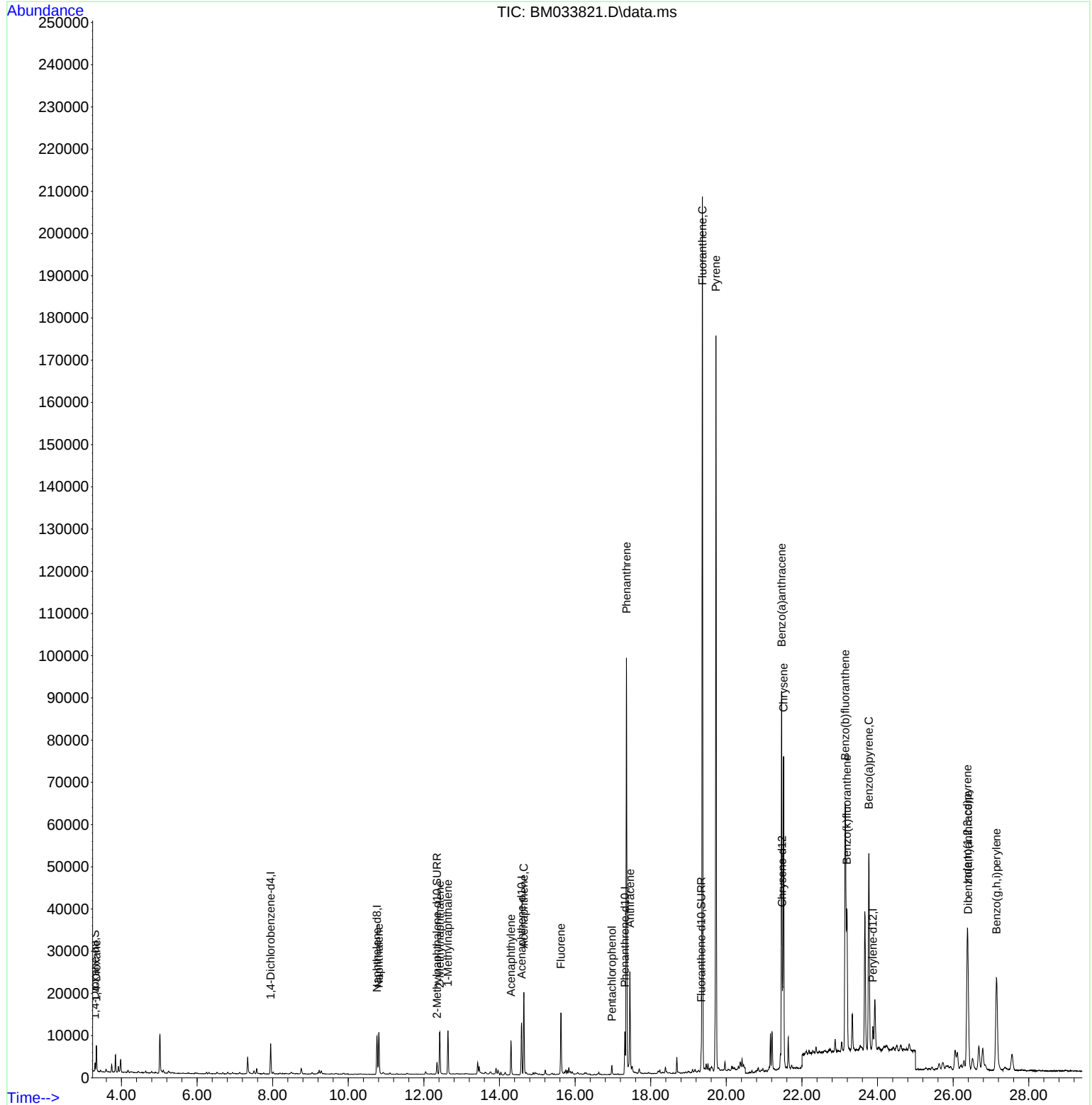
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012022\
Data File : BM033821.D
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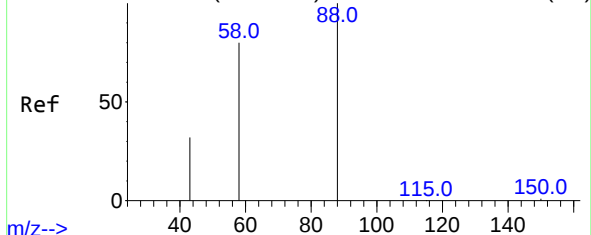
Quant Time: Jan 21 23:36:33 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM010422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 21 01:34:59 2022
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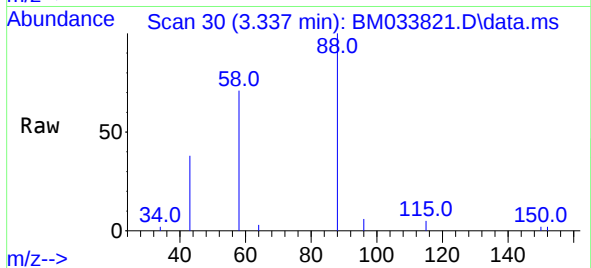


Abundance Scan 30 (3.337 min): BM033815.D\data.ms (-22)



#2
1,4-Dioxane
Concen: 0.907 ng/ul
RT: 3.337 min Scan# 30
Delta R.T. 0.000 min
Lab File: BM033821.D
Acq: 21 Jan 2022 12:58

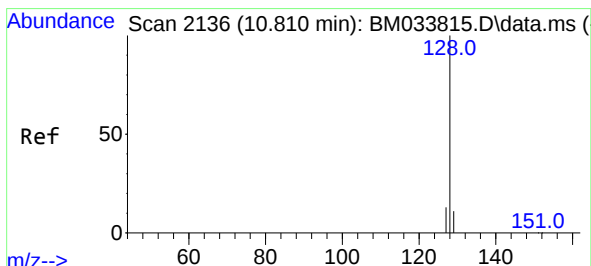
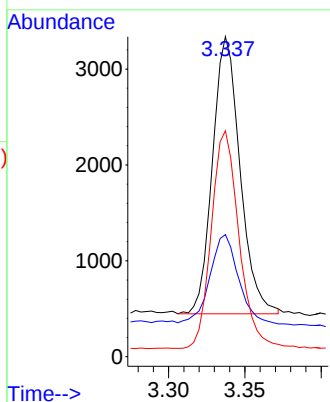
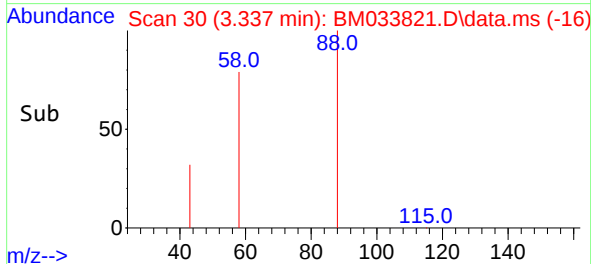
Instrument :
BNA_M
ClientSampleId :
DBLZ8MSD



Tgt Ion: 88 Resp: 362
Ion Ratio Lower Upper
88 100
43 38.1 49.7 74.5
58 70.6 52.5 78.7

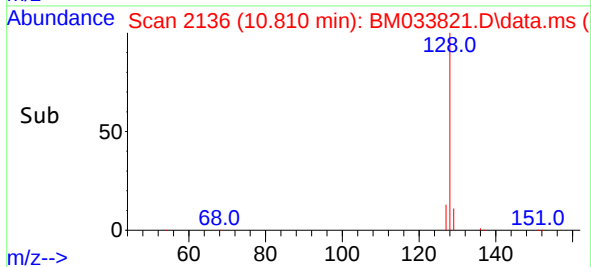
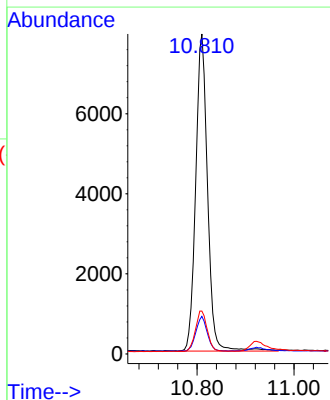
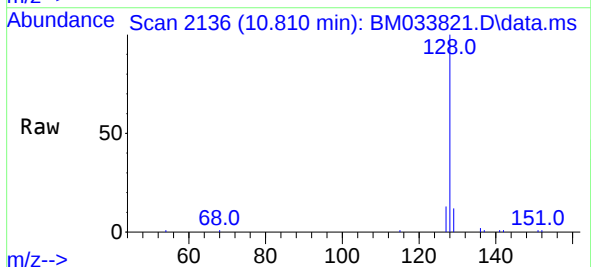
Manual Integrations
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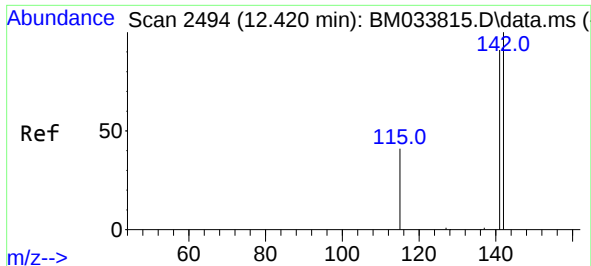
Reviewed By :Jagrut Upadhyay 01/24/2022
Supervised By :mohammad ahmed 01/27/2022



#5
Naphthalene
Concen: 0.358 ng/ul
RT: 10.810 min Scan# 2136
Delta R.T. -0.004 min
Lab File: BM033821.D
Acq: 21 Jan 2022 12:58

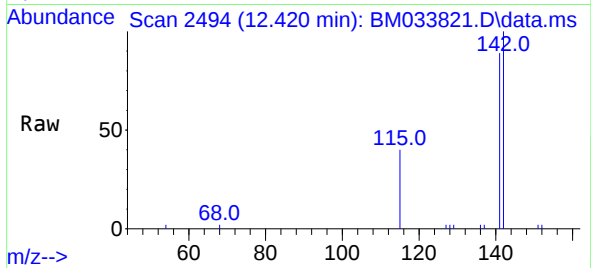
Tgt Ion:128 Resp: 13424
Ion Ratio Lower Upper
128 100
129 11.7 13.4 20.2#
127 13.4 15.2 22.8#





#7
2-Methylnaphthalene
Concen: 0.305 ng/ul
RT: 12.420 min Scan# 2494
Delta R.T. -0.004 min
Lab File: BM033821.D
Acq: 21 Jan 2022 12:58

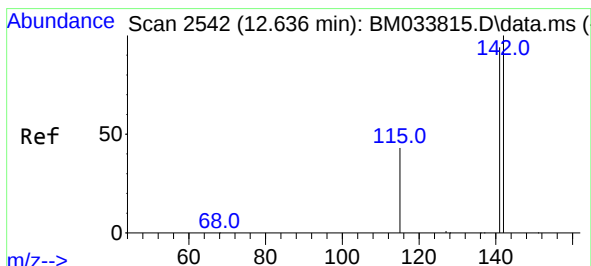
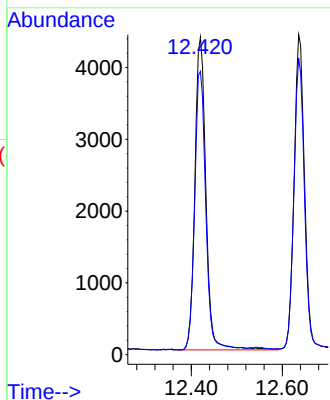
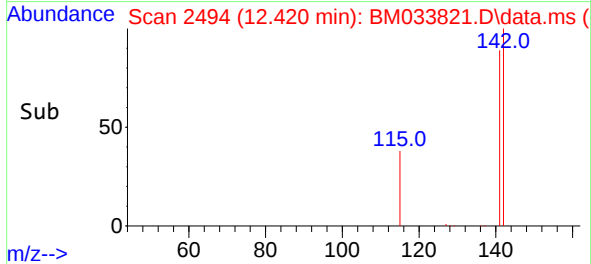
Instrument :
BNA_M
ClientSampleId :
DBLZ8MSD



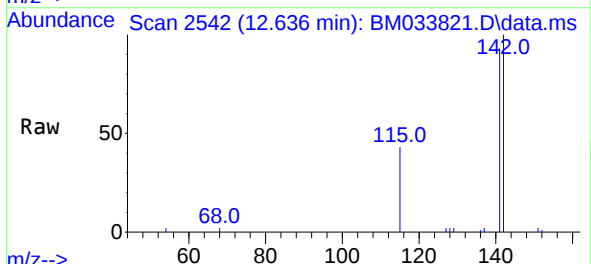
Tgt Ion:142 Resp: 7360
Ion Ratio Lower Upper
142 100
141 89.6 71.8 107.6

Manual Integrations
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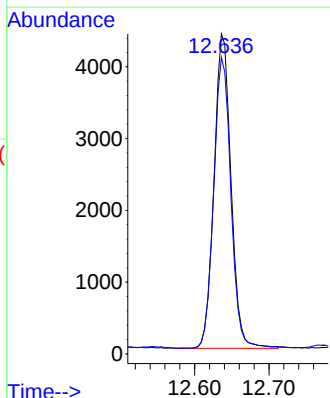
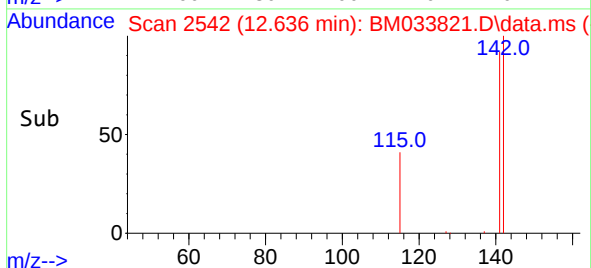
Reviewed By :Jagrut Upadhyay 01/24/2022
Supervised By :mohammad ahmed 01/27/2022

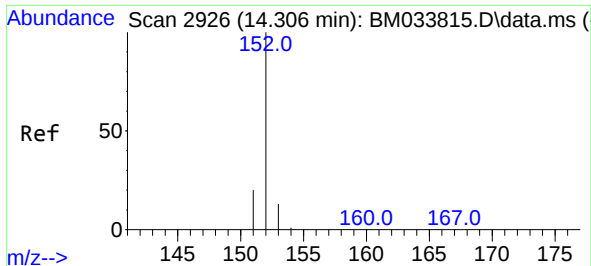


#8
1-Methylnaphthalene
Concen: 0.294 ng/ul
RT: 12.636 min Scan# 2542
Delta R.T. -0.004 min
Lab File: BM033821.D
Acq: 21 Jan 2022 12:58



Tgt Ion:142 Resp: 6946
Ion Ratio Lower Upper
142 100
141 93.7 75.0 112.4





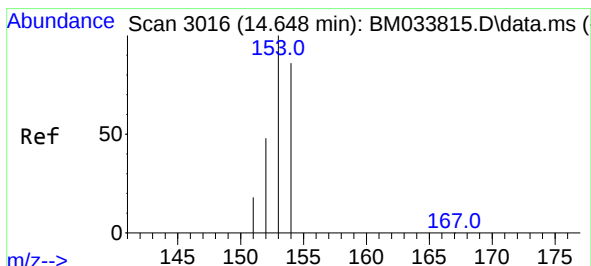
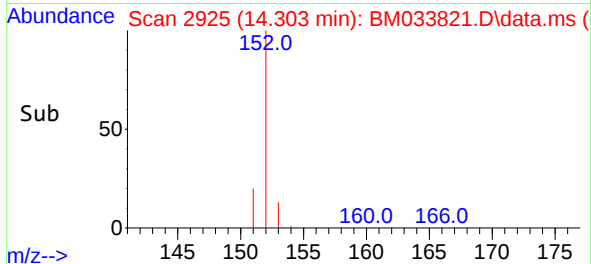
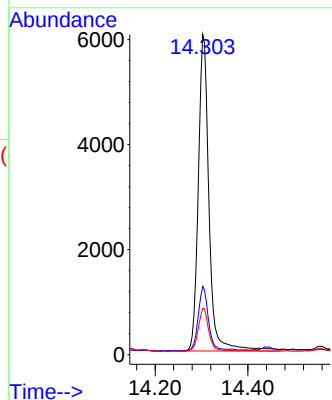
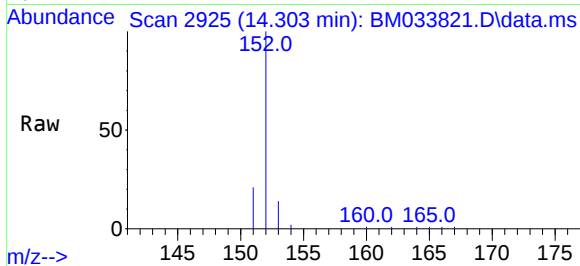
#10
Acenaphthylene
Concen: 0.308 ng/ul
RT: 14.303 min Scan# 2926
Delta R.T. -0.008 min
Lab File: BM033821.D
Acq: 21 Jan 2022 12:58

Instrument :
BNA_M
ClientSampleId :
DBLZ8MSD

Tgt Ion:152 Resp: 966
Ion Ratio Lower Upper
152 100
151 21.3 19.9 29.9
153 14.5 15.0 22.4

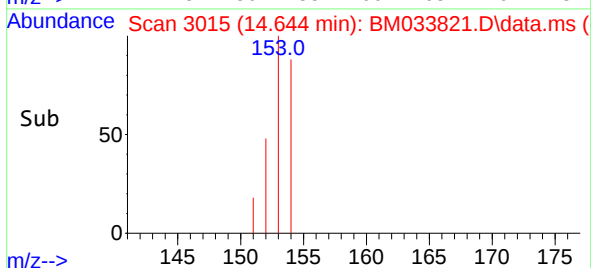
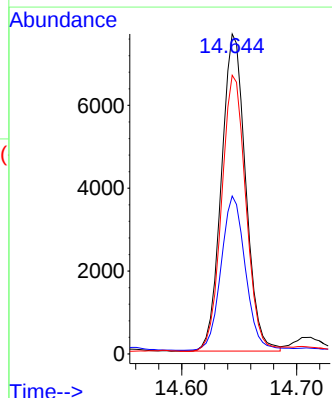
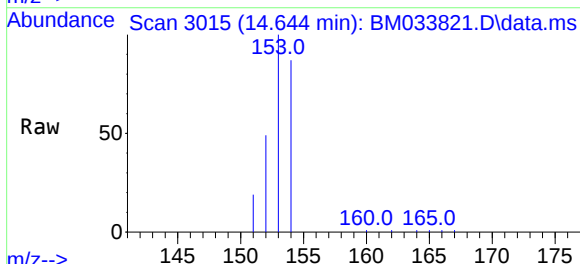
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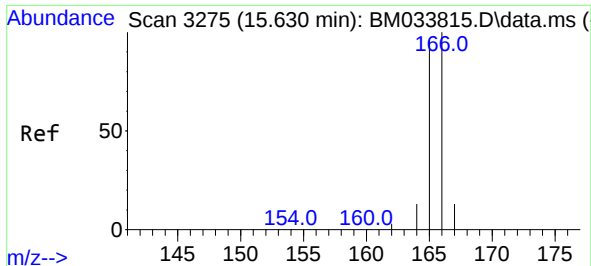
Reviewed By :Jagrut Upadhyay 01/24/2022
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#11
Acenaphthene
Concen: 0.448 ng/ul
RT: 14.644 min Scan# 3015
Delta R.T. -0.008 min
Lab File: BM033821.D
Acq: 21 Jan 2022 12:58

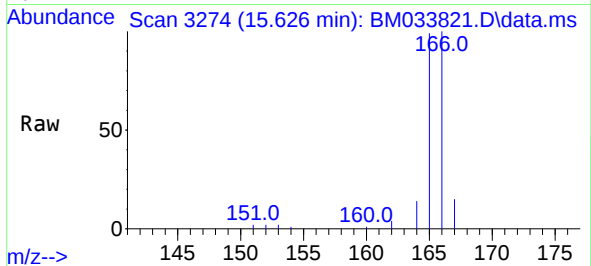
Tgt Ion:153 Resp: 11215
Ion Ratio Lower Upper
153 100
152 49.3 42.4 63.6
154 87.1 66.2 99.2





#12
Fluorene
Concen: 0.330 ng/ul
RT: 15.626 min Scan# 31
Delta R.T. -0.004 min
Lab File: BM033821.D
Acq: 21 Jan 2022 12:58

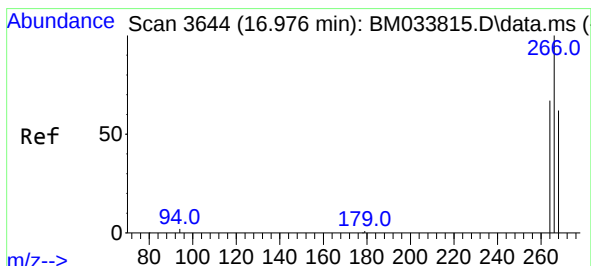
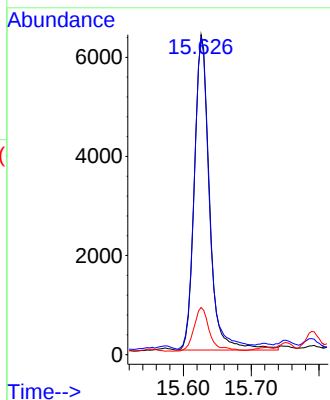
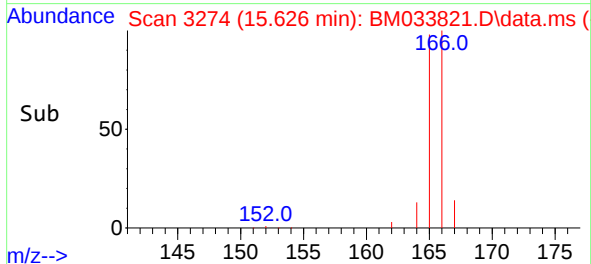
Instrument :
BNA_M
ClientSampleId :
DBLZ8MSD



Tgt Ion:166 Resp: 989
Ion Ratio Lower Upper
166 100
165 98.7 81.1 121.7
167 14.8 14.9 22.3

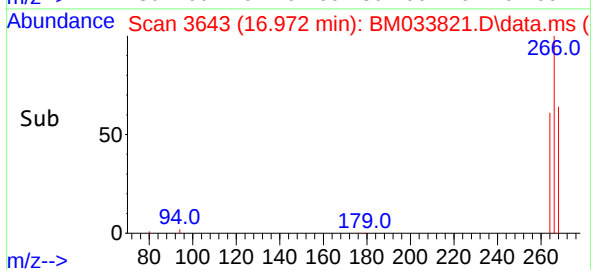
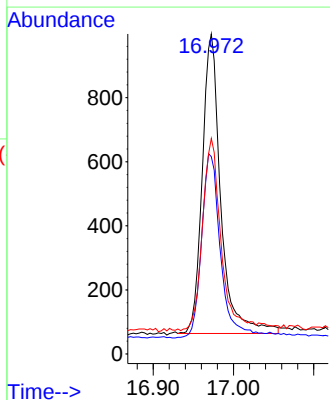
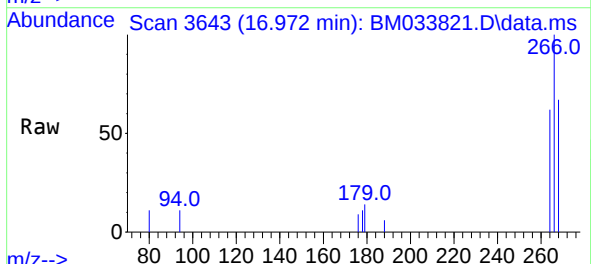
Manual Integrations
APPROVED

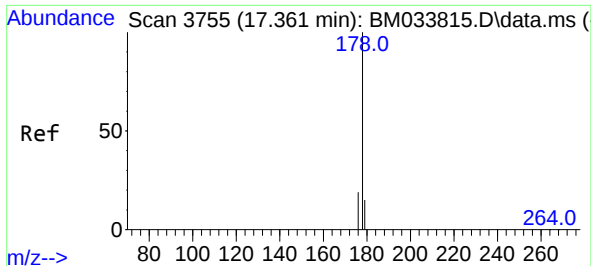
Reviewed By :Jagrut Upadhyay 01/24/2022
Supervised By :mohammad ahmed 01/27/2022



#14
Pentachlorophenol
Concen: 0.317 ng/ul
RT: 16.972 min Scan# 3643
Delta R.T. -0.003 min
Lab File: BM033821.D
Acq: 21 Jan 2022 12:58

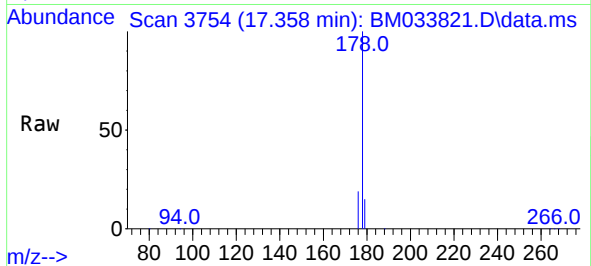
Tgt Ion:266 Resp: 1504
Ion Ratio Lower Upper
266 100
264 63.6 51.4 77.0
268 65.4 53.1 79.7





#15
Phenanthrene
Concen: 2.719 ng/ul
RT: 17.358 min Scan# 31
Delta R.T. -0.007 min
Lab File: BM033821.D
Acq: 21 Jan 2022 12:58

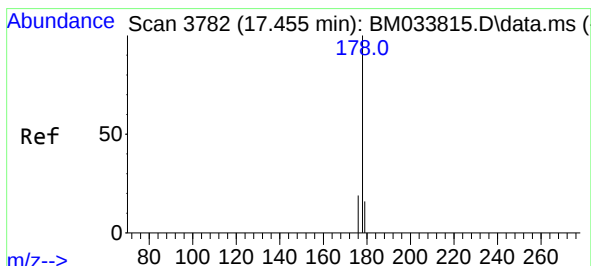
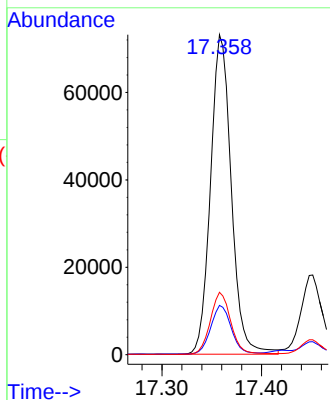
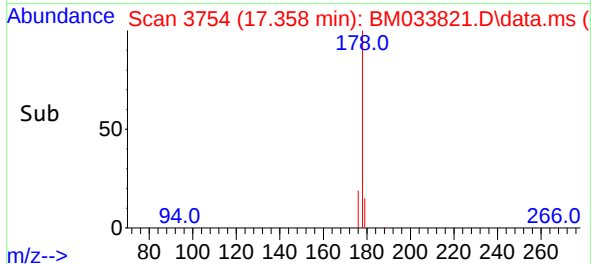
Instrument :
BNA_M
ClientSampleId :
DBLZ8MSD



Tgt Ion:178 Resp: 10582
Ion Ratio Lower Upper
178 100
179 15.4 15.0 22.6
176 19.5 17.9 26.9

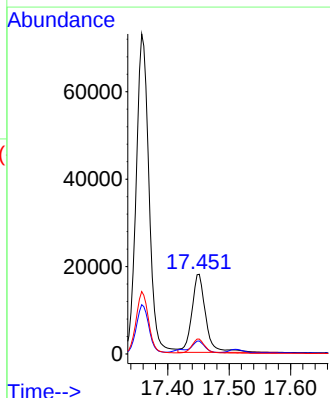
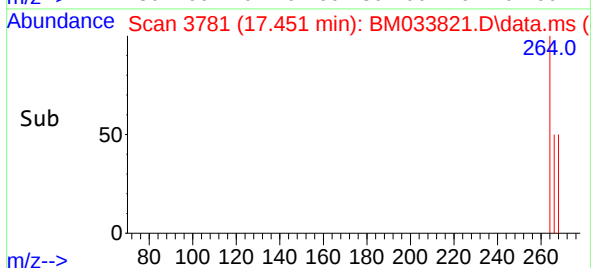
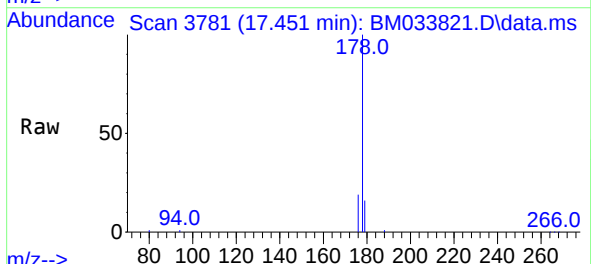
Manual Integrations
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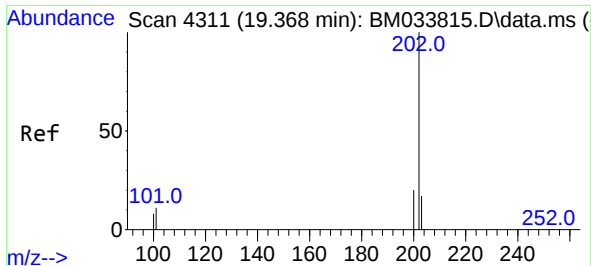
Reviewed By :Jagrut Upadhyay 01/24/2022
Supervised By :mohammad ahmed 01/27/2022



#16
Anthracene
Concen: 0.791 ng/ul
RT: 17.451 min Scan# 3781
Delta R.T. -0.003 min
Lab File: BM033821.D
Acq: 21 Jan 2022 12:58

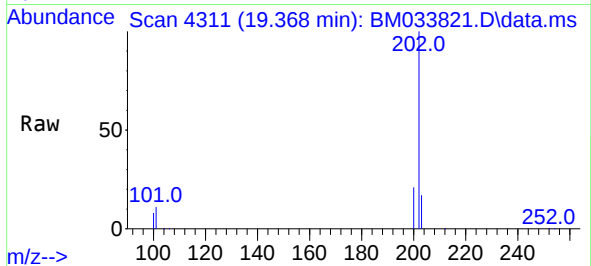
Tgt Ion:178 Resp: 28258
Ion Ratio Lower Upper
178 100
179 16.2 16.5 24.7#
176 18.7 18.3 27.5





#19
Fluoranthene
Concen: 5.352 ng/u1
RT: 19.368 min Scan# 4311
Delta R.T. -0.003 min
Lab File: BM033821.D
Acq: 21 Jan 2022 12:58

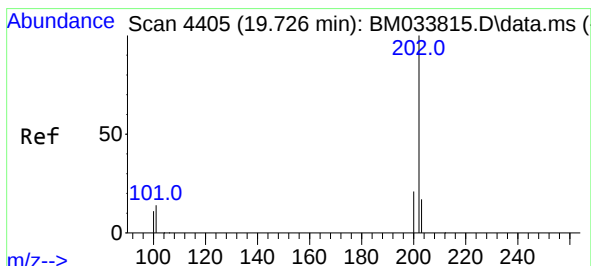
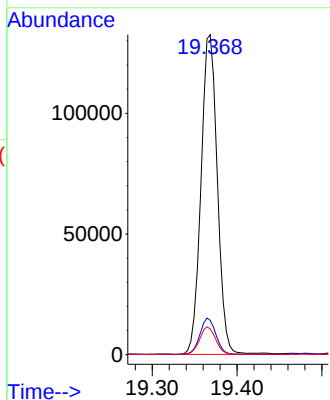
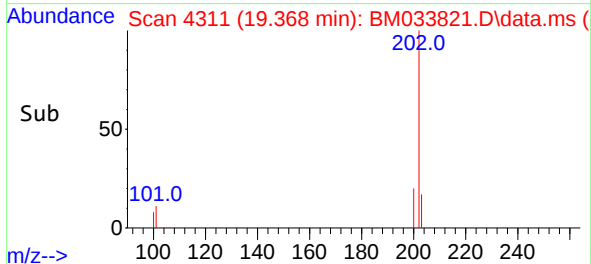
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DBLZ8MSD



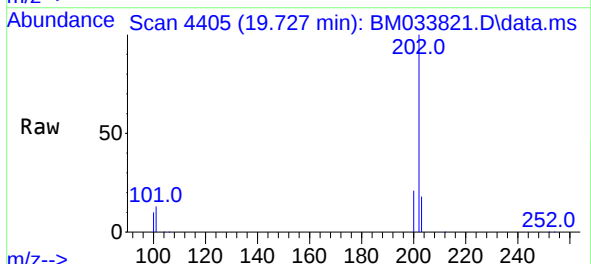
Tgt Ion:202 Resp: 17720
Ion Ratio Lower Upper
202 100
101 10.7 9.2 13.8
100 8.1 7.2 10.8

Manual Integrations
APPROVED

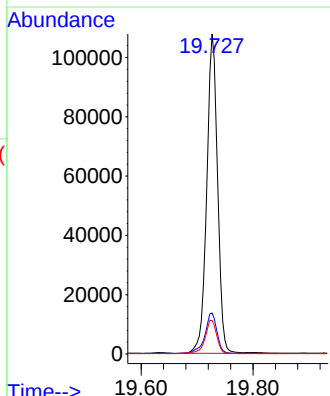
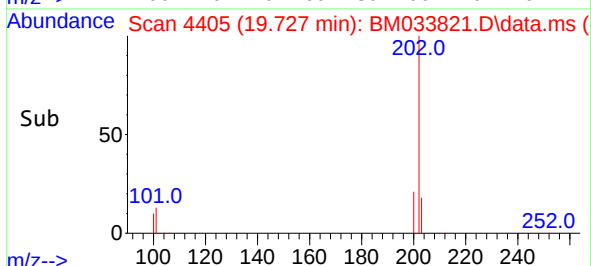
Reviewed By :Jagrut Upadhyay 01/24/2022
Supervised By :mohammad ahmed 01/27/2022

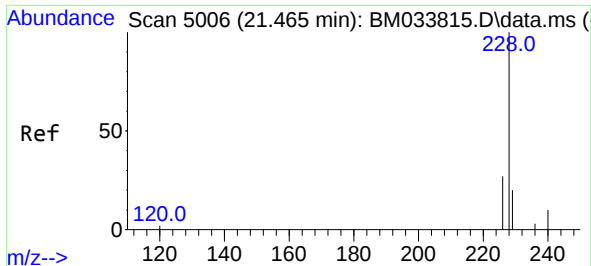


#20
Pyrene
Concen: 4.338 ng/u1
RT: 19.727 min Scan# 4405
Delta R.T. -0.007 min
Lab File: BM033821.D
Acq: 21 Jan 2022 12:58



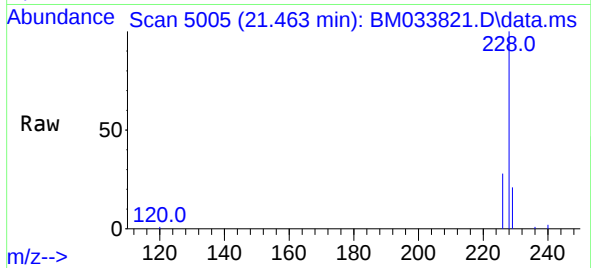
Tgt Ion:202 Resp: 145304
Ion Ratio Lower Upper
202 100
101 12.8 9.3 13.9
100 10.5 7.8 11.6





#21
Benzo(a)anthracene
Concen: 2.534 ng/u1
RT: 21.463 min Scan# 5006
Delta R.T. -0.007 min
Lab File: BM033821.D
Acq: 21 Jan 2022 12:58

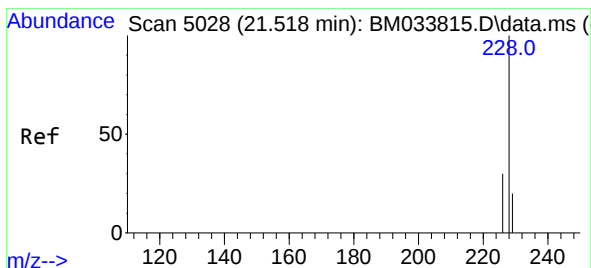
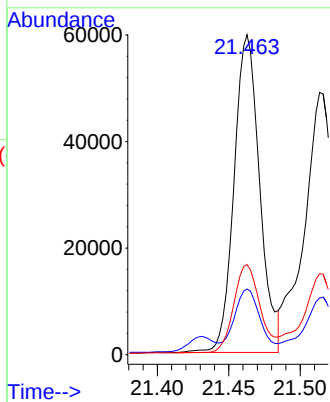
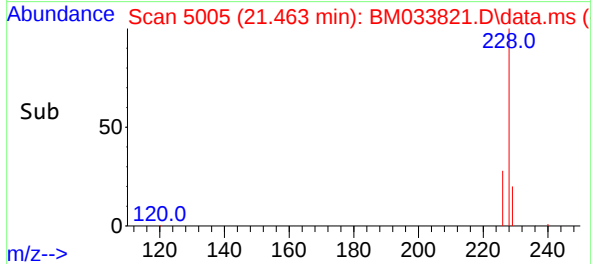
Instrument :
BNA_M
ClientSampleId :
DBLZ8MSD



Tgt Ion:228 Resp: 74304
Ion Ratio Lower Upper
228 100
229 20.5 17.3 25.9
226 28.2 23.2 34.8

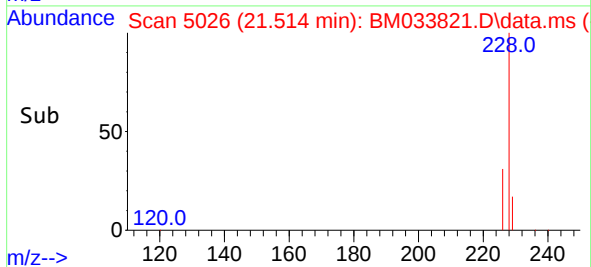
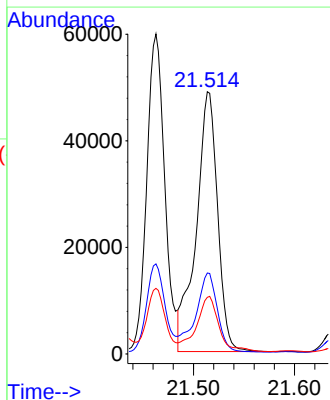
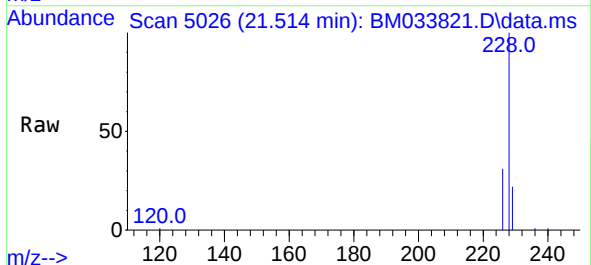
Manual Integrations
APPROVED

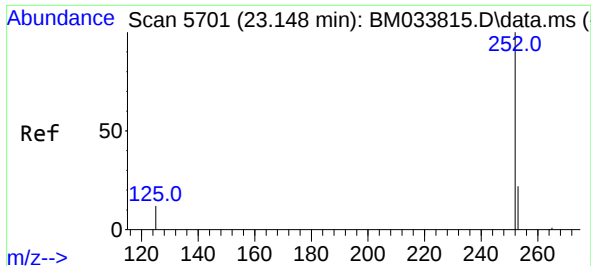
Reviewed By :Jagrut Upadhyay 01/24/2022
Supervised By :mohammad ahmed 01/27/2022



#22
Chrysene
Concen: 2.395 ng/u1
RT: 21.514 min Scan# 5026
Delta R.T. -0.009 min
Lab File: BM033821.D
Acq: 21 Jan 2022 12:58

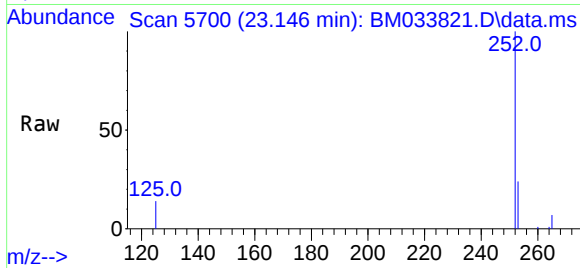
Tgt Ion:228 Resp: 71820
Ion Ratio Lower Upper
228 100
226 30.9 25.8 38.8
229 21.6 16.7 25.1





#24
Benzo(b)fluoranthene
Concen: 2.969 ng/ul m
RT: 23.146 min Scan# 5700
Delta R.T. -0.007 min
Lab File: BM033821.D
Acq: 21 Jan 2022 12:58

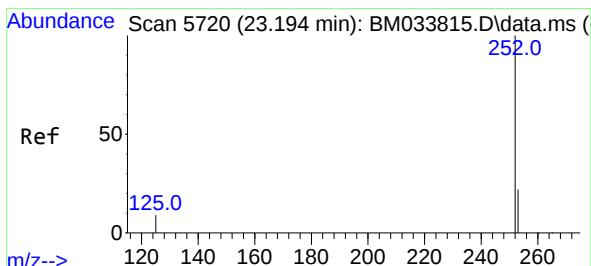
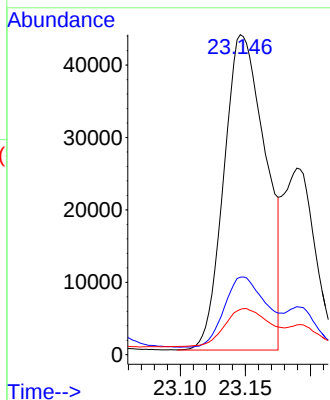
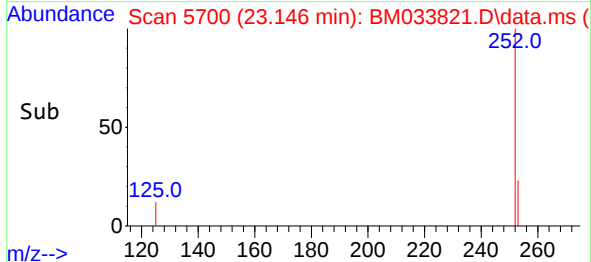
Instrument :
BNA_M
ClientSampleId :
DBLZ8MSD



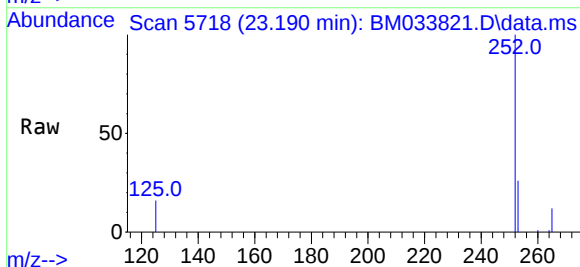
Tgt Ion:252 Resp: 96692
Ion Ratio Lower Upper
252 100
253 24.2 0.0 64.2
125 14.1 0.0 28.8

Manual Integrations
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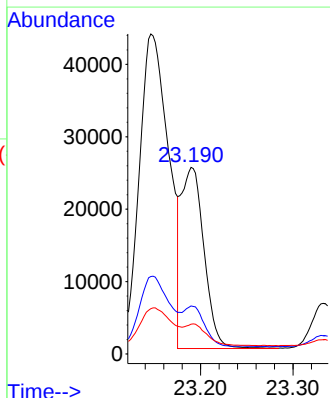
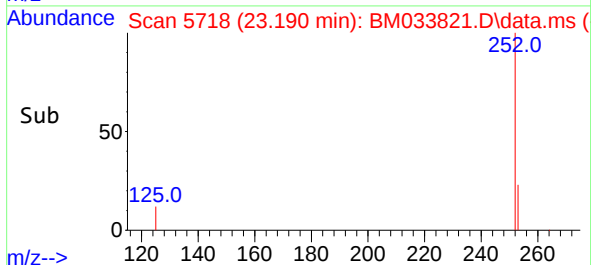
Reviewed By :Jagrut Upadhyay 01/24/2022
Supervised By :mohammad ahmed 01/27/2022

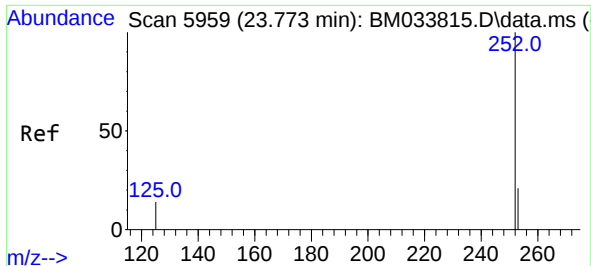


#25
Benzo(k)fluoranthene
Concen: 1.348 ng/ul m
RT: 23.190 min Scan# 5718
Delta R.T. -0.012 min
Lab File: BM033821.D
Acq: 21 Jan 2022 12:58



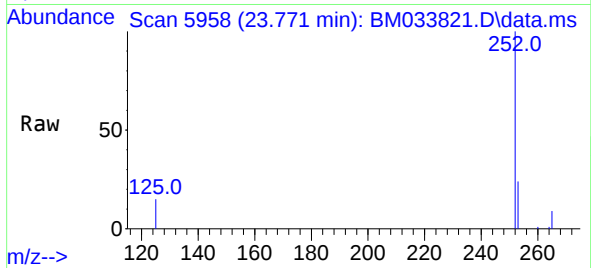
Tgt Ion:252 Resp: 43074
Ion Ratio Lower Upper
252 100
253 25.7 26.8 40.2#
125 16.0 12.0 18.0





#26
Benzo(a)pyrene
Concen: 2.474 ng/ul
RT: 23.771 min Scan# 5959
Delta R.T. -0.009 min
Lab File: BM033821.D
Acq: 21 Jan 2022 12:58

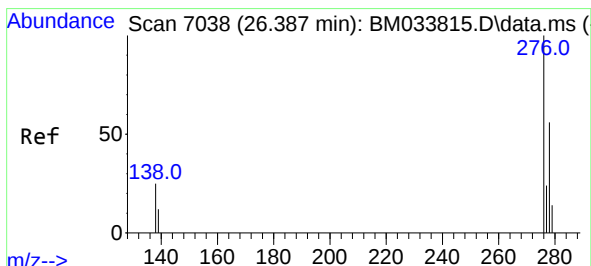
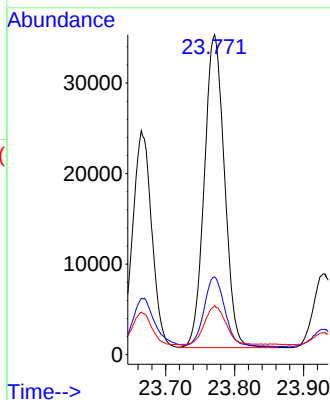
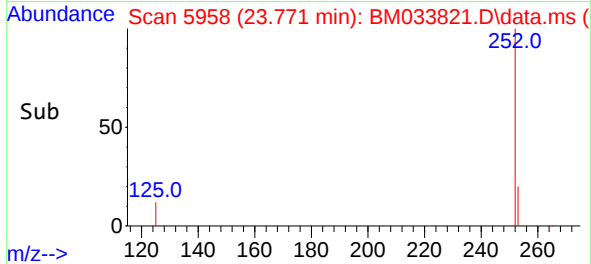
Instrument :
BNA_M
ClientSampleId :
DBLZ8MSD



Tgt Ion:252 Resp: 70040
Ion Ratio Lower Upper
252 100
253 24.3 32.0 48.0
125 15.4 14.5 21.7

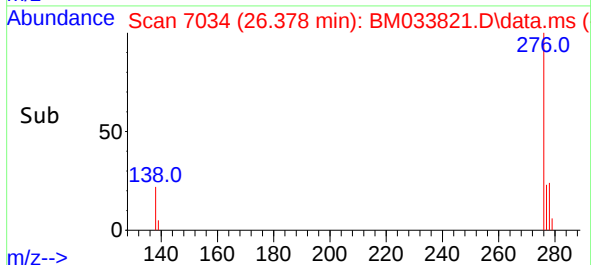
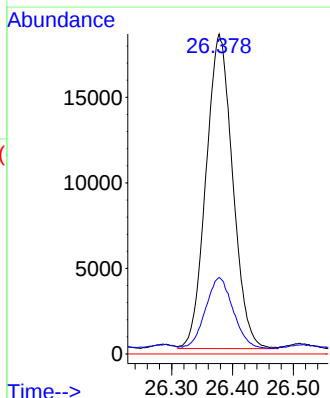
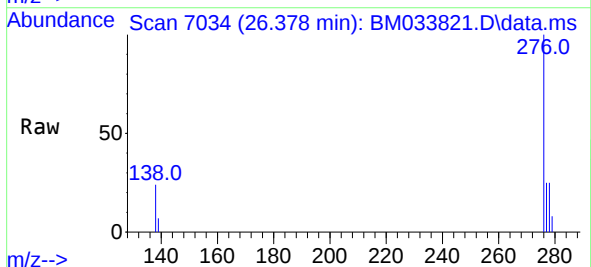
Manual Integrations
APPROVED

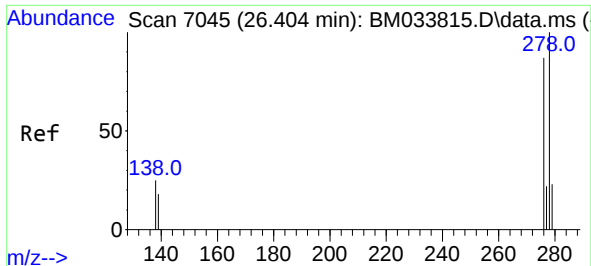
Reviewed By :Jagrut Upadhyay 01/24/2022
Supervised By :mohammad ahmed 01/27/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.520 ng/ul
RT: 26.378 min Scan# 7034
Delta R.T. -0.019 min
Lab File: BM033821.D
Acq: 21 Jan 2022 12:58

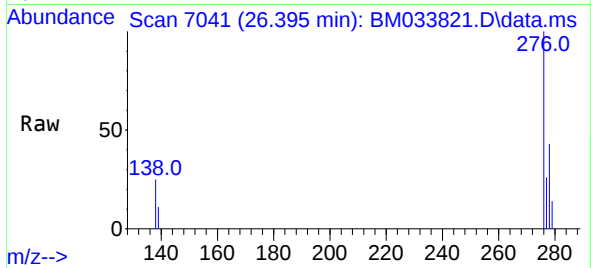
Tgt Ion:276 Resp: 56042
Ion Ratio Lower Upper
276 100
138 23.2 15.8 23.6
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.634 ng/ul
RT: 26.395 min Scan# 7045
Delta R.T. -0.024 min
Lab File: BM033821.D
Acq: 21 Jan 2022 12:58

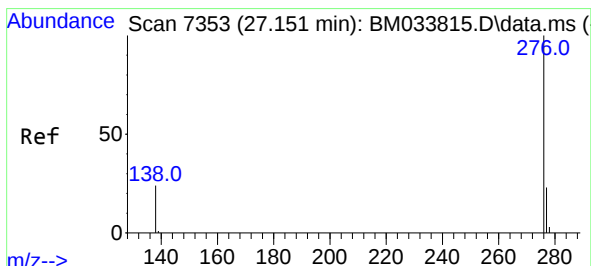
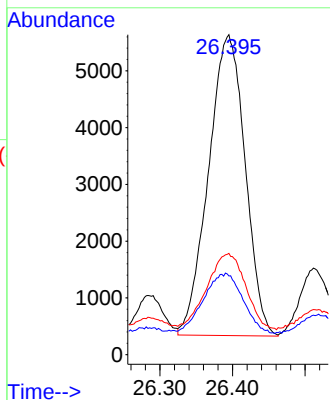
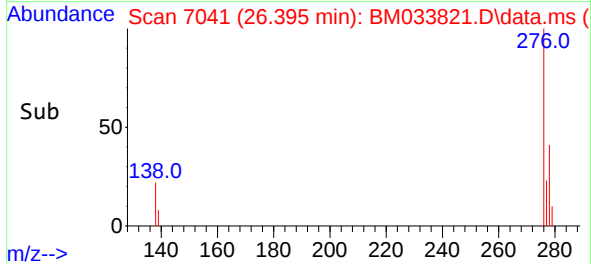
Instrument :
BNA_M
ClientSampleId :
DBLZ8MSD



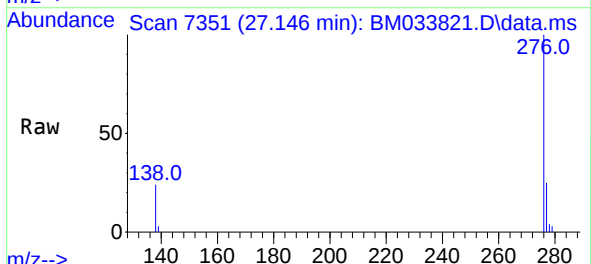
Tgt Ion:278 Resp: 18572
Ion Ratio Lower Upper
278 100
139 24.6 18.0 27.0
279 31.7 28.6 42.8

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Reviewed By :Jagrut Upadhyay 01/24/2022
Supervised By :mohammad ahmed 01/27/2022



#29
Benzo(g,h,i)perylene
Concen: 1.576 ng/ul
RT: 27.146 min Scan# 7351
Delta R.T. -0.021 min
Lab File: BM033821.D
Acq: 21 Jan 2022 12:58



Tgt Ion:276 Resp: 49940
Ion Ratio Lower Upper
276 100
138 23.8 17.4 26.0
277 24.8 22.6 33.8

