

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032922\
 Data File : BM034429.D
 Acq On : 30 Mar 2022 04:52
 Operator : CG/JU
 Sample : PB143572BS
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS572

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 03/31/2022
 Supervised By :Yogesh Patel 04/02/2022

Quant Time: Mar 30 06:36:21 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM032822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 28 18:27:40 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.941	152	2173	0.400	ng/ul	0.00
4) Naphthalene-d8	10.752	136	6377	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.573	164	3109	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.324	188	4896	0.400	ng/ul	0.00
17) Chrysene-d12	21.498	240	4349	0.400	ng/ul	# 0.00
23) Perylene-d12	23.900	264	4767	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.309	96	2824	0.874	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.352	152	3341	0.389	ng/ul	0.01
18) Fluoranthene-d10	19.343	212	6609	0.487	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.343	88	8369	2.344	ng/ul#	81
5) Naphthalene	10.806	128	7295	0.395	ng/ul#	92
7) 2-Methylnaphthalene	12.423	142	4032	0.357	ng/ul	96
8) 1-Methylnaphthalene	12.632	142	4044	0.359	ng/ul	99
10) Acenaphthylene	14.296	152	6709	0.448	ng/ul#	92
11) Acenaphthene	14.638	153	4736	0.416	ng/ul	97
12) Fluorene	15.633	166	4816	0.396	ng/ul	97
14) Pentachlorophenol	16.987	266	1518	0.770	ng/ul	97
15) Phenanthrene	17.367	178	7000	0.448	ng/ul	100
16) Anthracene	17.468	178	5623	0.410	ng/ul	98
19) Fluoranthene	19.375	202	8667	0.442	ng/ul	99
20) Pyrene	19.733	202	10061	0.465	ng/ul	95
21) Benzo(a)anthracene	21.483	228	4949m	0.364	ng/ul	
22) Chrysene	21.536	228	6640	0.427	ng/ul	98
24) Benzo(b)fluoranthene	23.167	252	6526m	0.396	ng/ul	
25) Benzo(k)fluoranthene	23.213	252	6620m	0.415	ng/ul	
26) Benzo(a)pyrene	23.798	252	8076	0.473	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	26.418	276	9535	0.428	ng/ul#	57
28) Dibenzo(a,h)anthracene	26.448	278	6928	0.415	ng/ul#	78
29) Benzo(g,h,i)perylene	27.179	276	10018	0.466	ng/ul	96

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

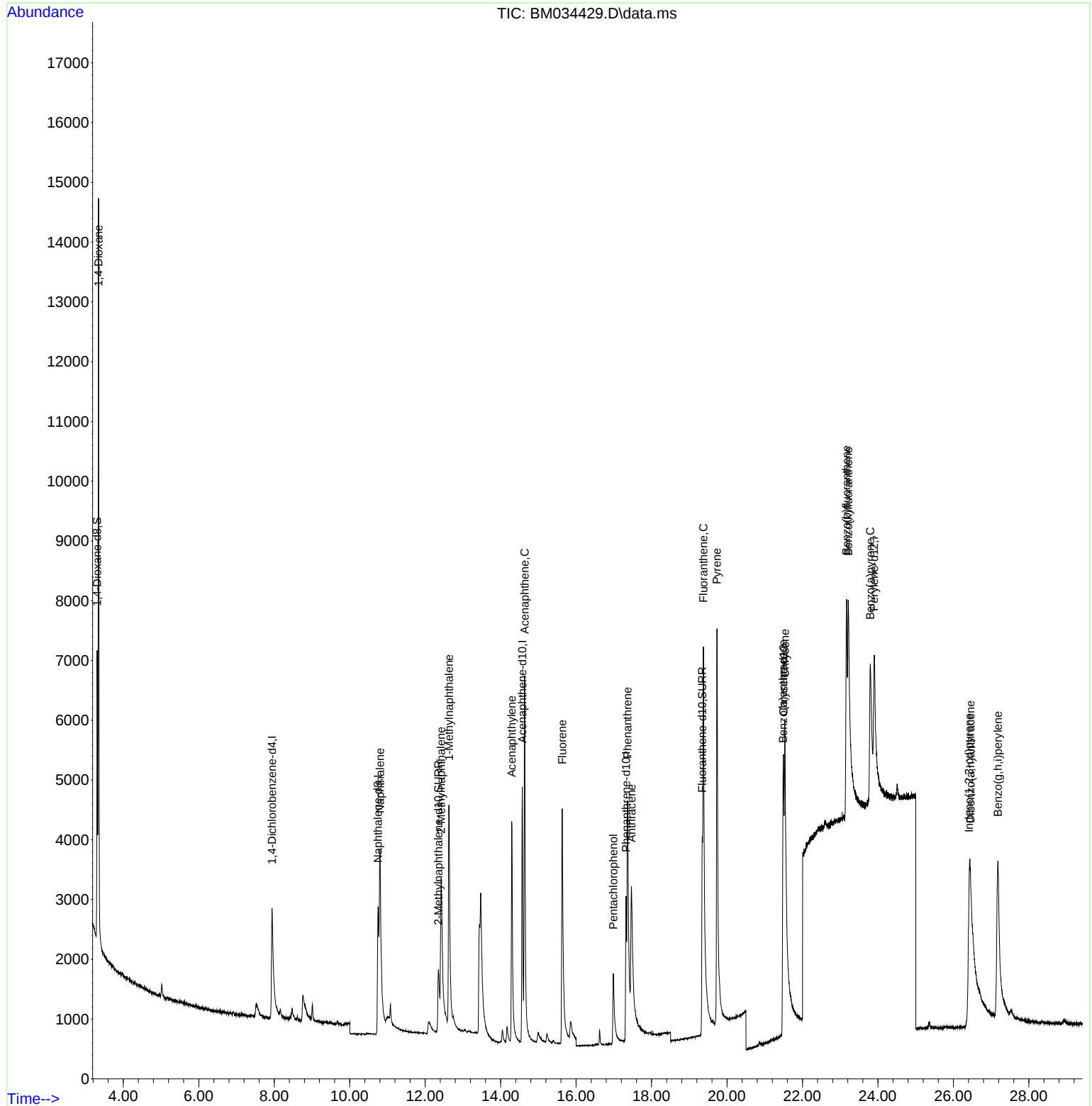
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032922\
Data File : BM034429.D
Acq On : 30 Mar 2022 04:52
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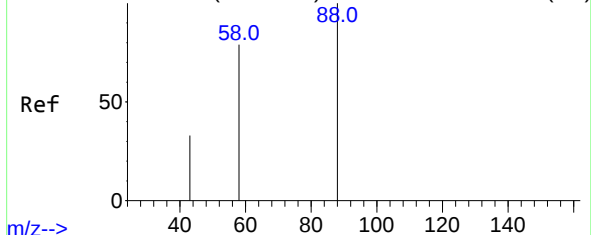
Manual Integrations
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Reviewed By :Jagrut Upadhyay 03/31/2022
Supervised By :Yogesh Patel 04/02/2022

Quant Time: Mar 30 06:36:21 2022
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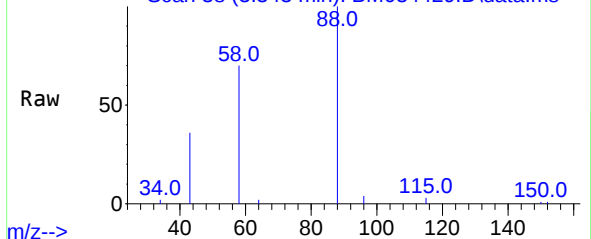
Abundance Scan 38 (3.343 min): BM034416.D\data.ms (-32)



#2
1,4-Dioxane
Concen: 2.344 ng/ul
RT: 3.343 min Scan# 38
Delta R.T. -0.000 min
Lab File: BM034429.D
Acq: 30 Mar 2022 04:52

Instrument :
BNA_M
ClientSampleId :
SLCS572

m/z--> Abundance Scan 38 (3.343 min): BM034429.D\data.ms

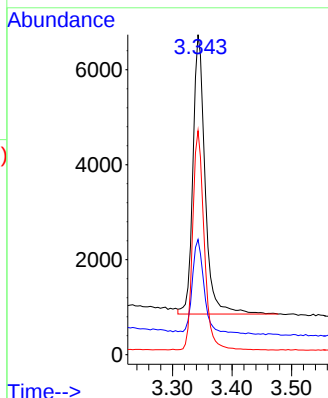
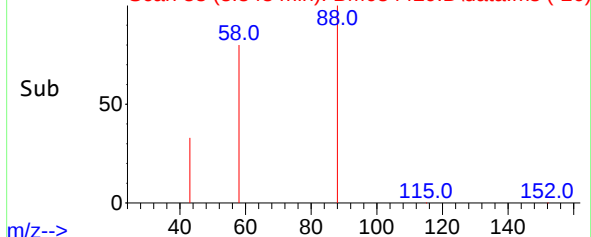


Tgt Ion: 88 Resp: 8369
Ion Ratio Lower Upper
88 100
43 36.0 49.7 74.5
58 70.0 52.5 78.7

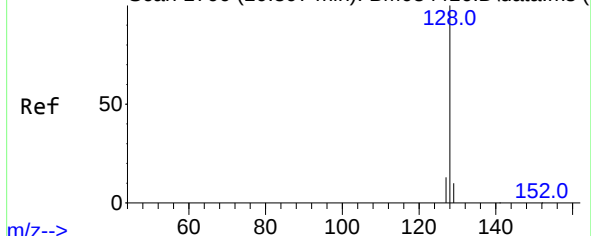
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Abundance Scan 38 (3.343 min): BM034429.D\data.ms (-26)



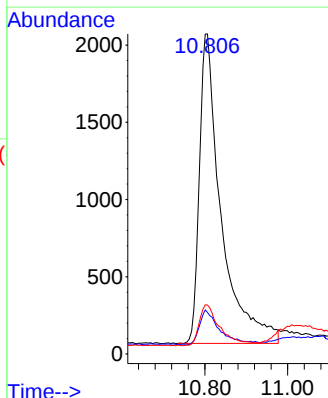
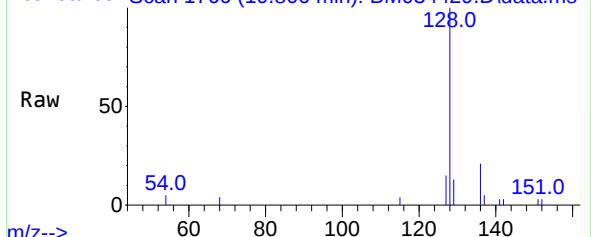
Abundance Scan 1766 (10.807 min): BM034416.D\data.ms (-)



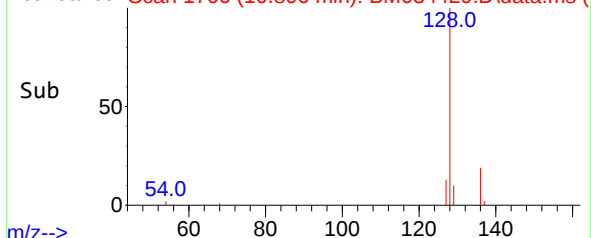
#5
Naphthalene
Concen: 0.395 ng/ul
RT: 10.806 min Scan# 1766
Delta R.T. 0.005 min
Lab File: BM034429.D
Acq: 30 Mar 2022 04:52

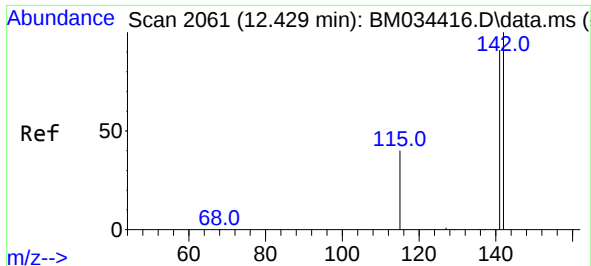
Tgt Ion:128 Resp: 7295
Ion Ratio Lower Upper
128 100
129 13.0 13.4 20.2
127 15.3 15.2 22.8

m/z--> Abundance Scan 1766 (10.806 min): BM034429.D\data.ms



Abundance Scan 1766 (10.806 min): BM034429.D\data.ms (-)





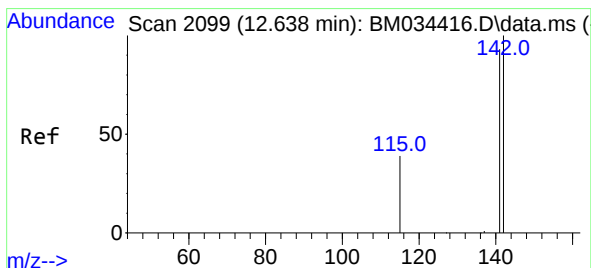
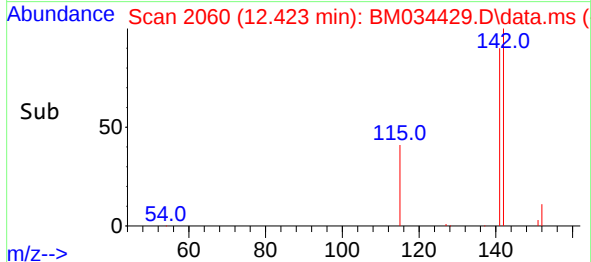
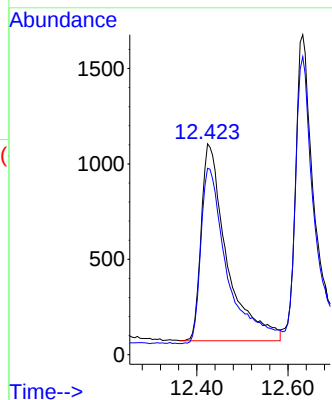
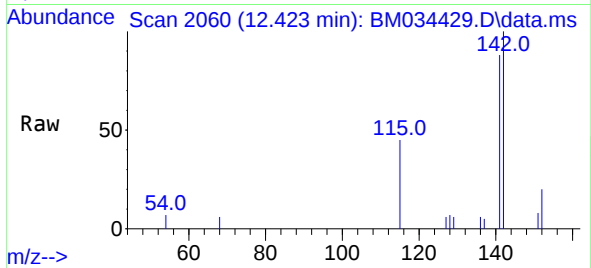
#7
2-Methylnaphthalene
Concen: 0.357 ng/ul
RT: 12.423 min Scan# 2061
Delta R.T. 0.005 min
Lab File: BM034429.D
Acq: 30 Mar 2022 04:52

Instrument :
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ClientSampleId :
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Tgt Ion:142 Resp: 4032
Ion Ratio Lower Upper
142 100
141 93.2 71.8 107.6

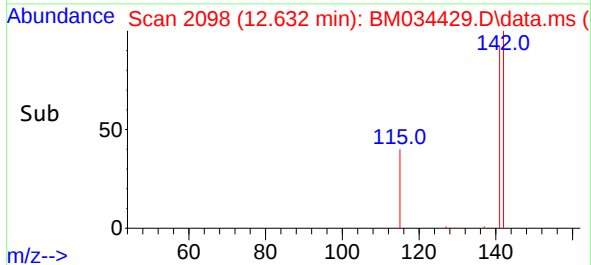
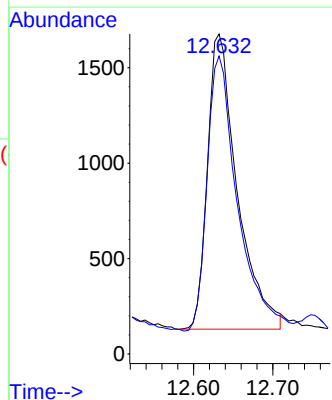
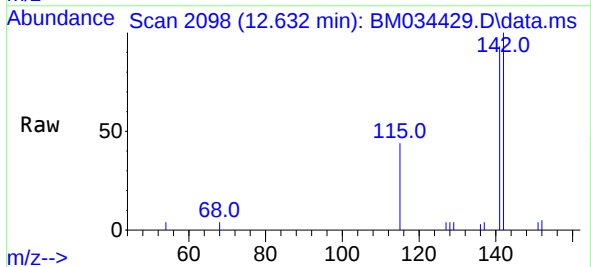
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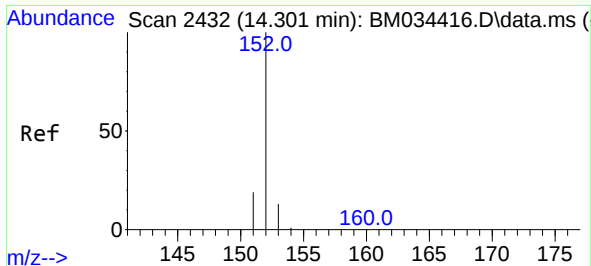
Reviewed By :Jagrut Upadhyay 03/31/2022
Supervised By :Yogesh Patel 04/02/2022



#8
1-Methylnaphthalene
Concen: 0.359 ng/ul
RT: 12.632 min Scan# 2098
Delta R.T. -0.000 min
Lab File: BM034429.D
Acq: 30 Mar 2022 04:52

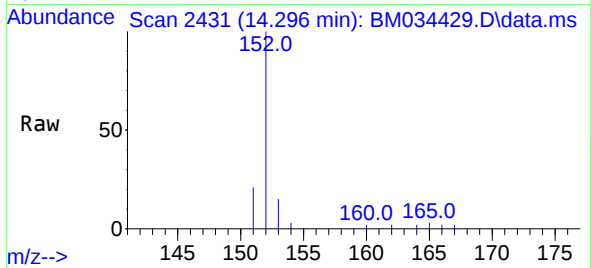
Tgt Ion:142 Resp: 4044
Ion Ratio Lower Upper
142 100
141 94.3 75.0 112.4





#10
Acenaphthylene
Concen: 0.448 ng/ul
RT: 14.296 min Scan# 2431
Delta R.T. -0.005 min
Lab File: BM034429.D
Acq: 30 Mar 2022 04:52

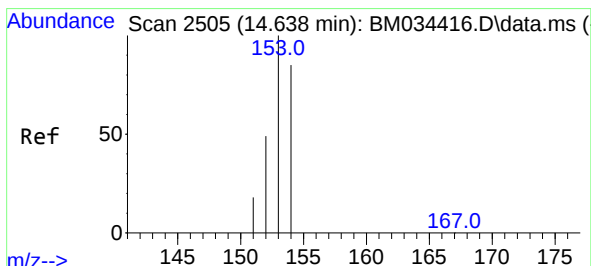
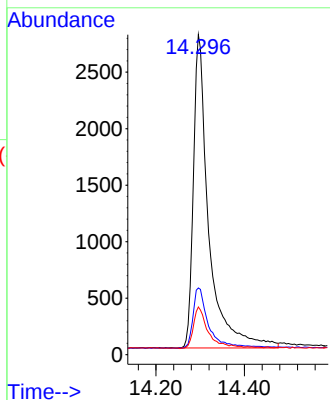
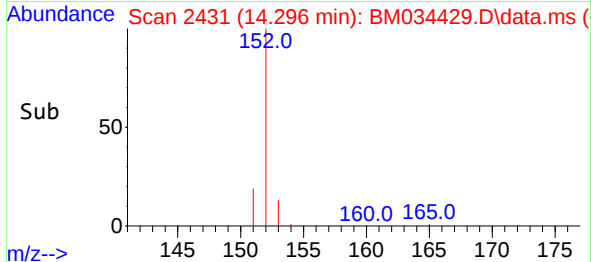
Instrument :
BNA_M
ClientSampleId :
SLCS572



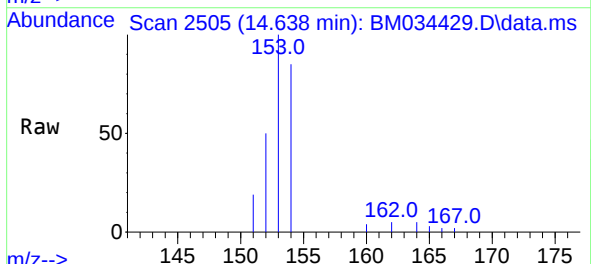
Tgt Ion:152 Resp: 6709
Ion Ratio Lower Upper
152 100
151 20.8 19.9 29.9
153 14.9 15.0 22.4

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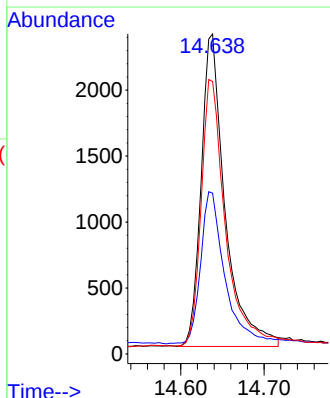
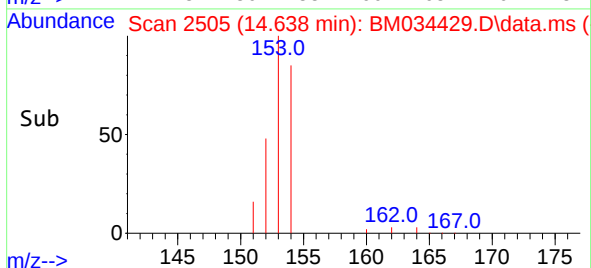
Reviewed By :Jagrut Upadhyay 03/31/2022
Supervised By :Yogesh Patel 04/02/2022

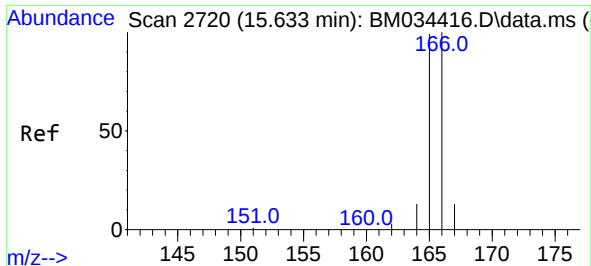


#11
Acenaphthene
Concen: 0.416 ng/ul
RT: 14.638 min Scan# 2505
Delta R.T. -0.000 min
Lab File: BM034429.D
Acq: 30 Mar 2022 04:52



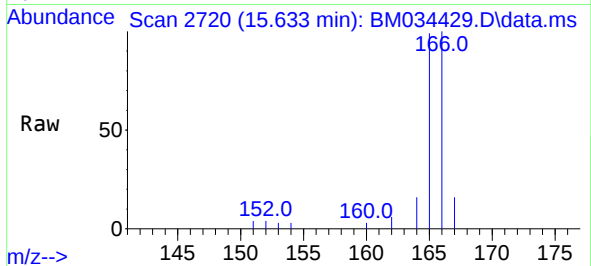
Tgt Ion:153 Resp: 4736
Ion Ratio Lower Upper
153 100
152 50.2 42.4 63.6
154 85.2 66.2 99.2





#12
Fluorene
Concen: 0.396 ng/ul
RT: 15.633 min Scan# 21
Delta R.T. 0.005 min
Lab File: BM034429.D
Acq: 30 Mar 2022 04:52

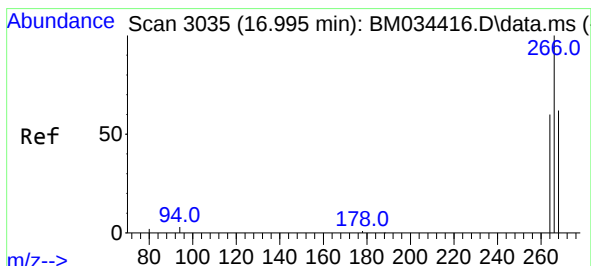
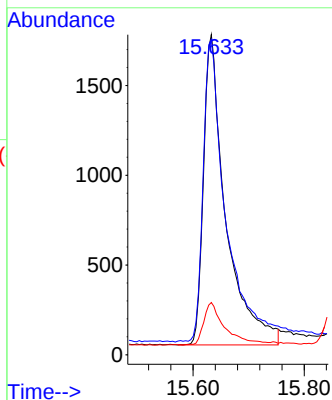
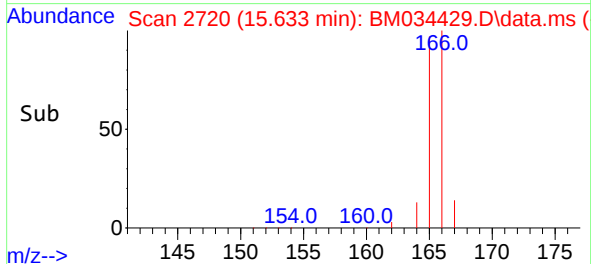
Instrument :
BNA_M
ClientSampleId :
SLCS572



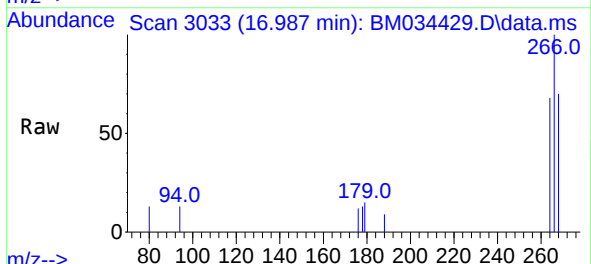
Tgt Ion:166 Resp: 4810
Ion Ratio Lower Upper
166 100
165 98.5 81.1 121.7
167 16.3 14.9 22.3

Manual Integrations
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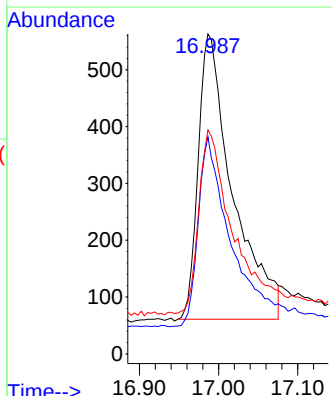
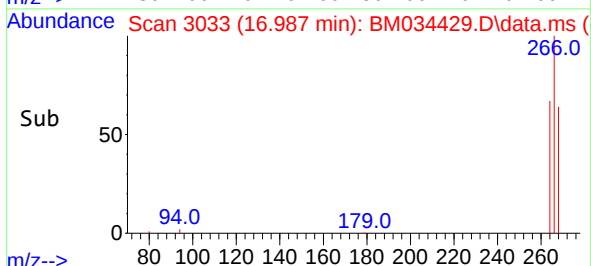
Reviewed By :Jagrut Upadhyay 03/31/2022
Supervised By :Yogesh Patel 04/02/2022

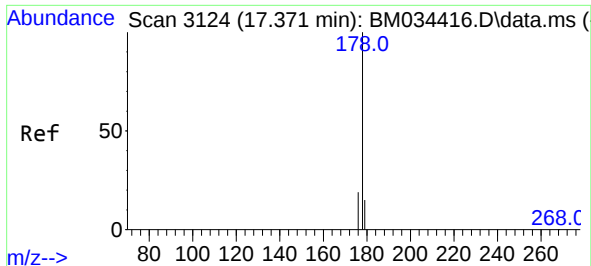


#14
Pentachlorophenol
Concen: 0.770 ng/ul
RT: 16.987 min Scan# 3033
Delta R.T. -0.004 min
Lab File: BM034429.D
Acq: 30 Mar 2022 04:52



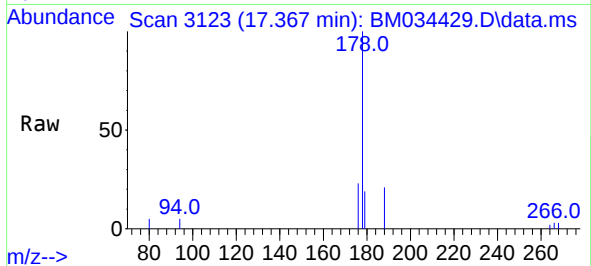
Tgt Ion:266 Resp: 1518
Ion Ratio Lower Upper
266 100
264 62.3 51.4 77.0
268 63.1 53.1 79.7





#15
Phenanthrene
Concen: 0.448 ng/u1
RT: 17.367 min Scan# 3123
Delta R.T. -0.000 min
Lab File: BM034429.D
Acq: 30 Mar 2022 04:52

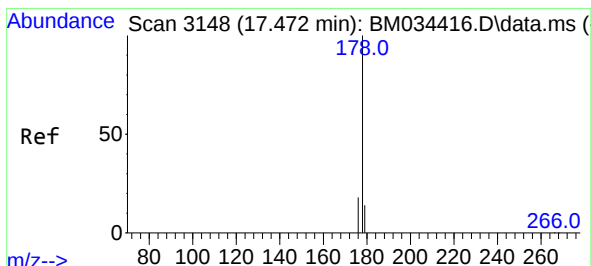
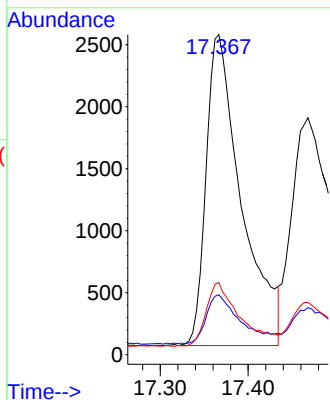
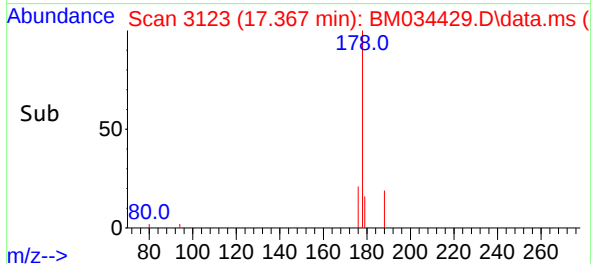
Instrument :
BNA_M
ClientSampleId :
SLCS572



Tgt Ion:178 Resp: 7000
Ion Ratio Lower Upper
178 100
179 18.8 15.0 22.6
176 22.6 17.9 26.9

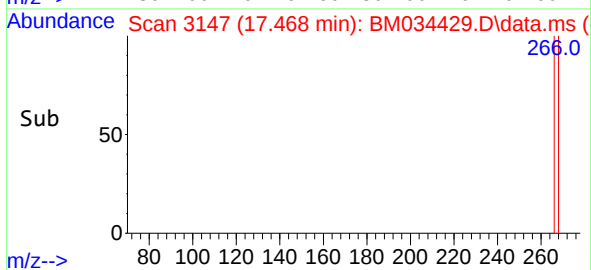
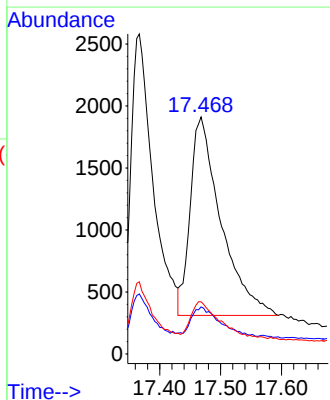
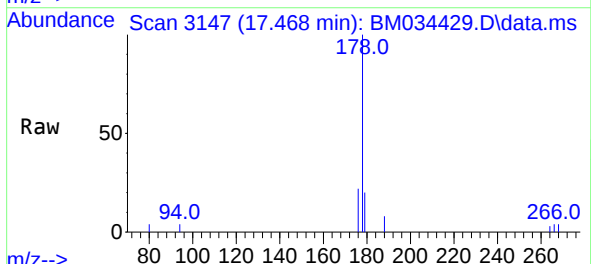
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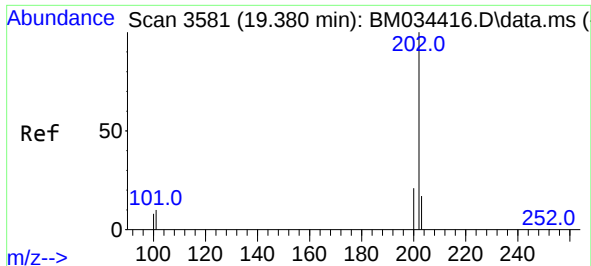
Reviewed By :Jagrut Upadhyay 03/31/2022
Supervised By :Yogesh Patel 04/02/2022



#16
Anthracene
Concen: 0.410 ng/u1
RT: 17.468 min Scan# 3147
Delta R.T. 0.008 min
Lab File: BM034429.D
Acq: 30 Mar 2022 04:52

Tgt Ion:178 Resp: 5623
Ion Ratio Lower Upper
178 100
179 19.9 16.5 24.7
176 22.0 18.3 27.5





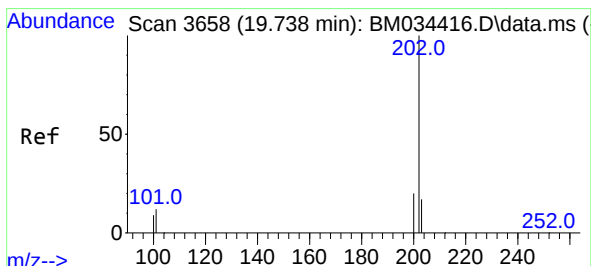
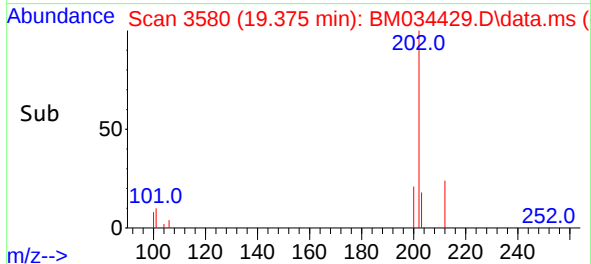
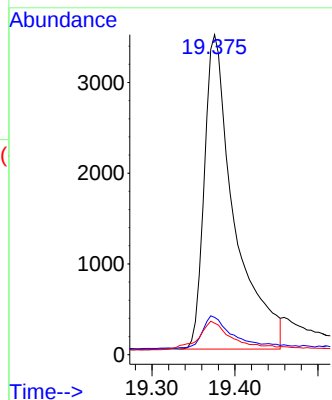
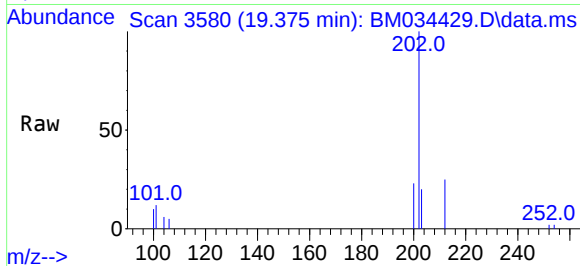
#19
Fluoranthene
Concen: 0.442 ng/u1
RT: 19.375 min Scan# 3581
Delta R.T. -0.000 min
Lab File: BM034429.D
Acq: 30 Mar 2022 04:52

Instrument :
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ClientSampleId :
SLCS572

Tgt Ion:202 Resp: 866
Ion Ratio Lower Upper
202 100
101 11.7 9.2 13.8
100 9.9 7.2 10.8

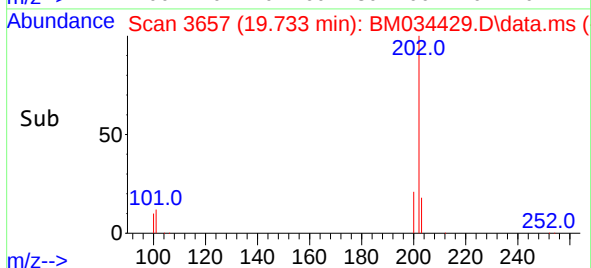
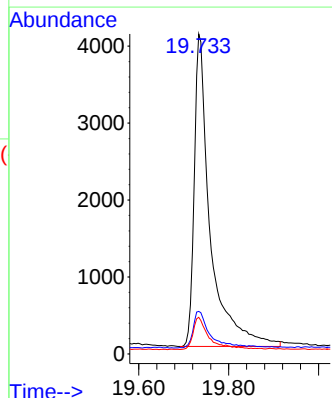
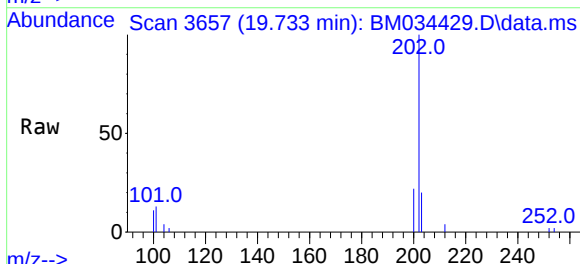
Manual Integrations
APPROVED

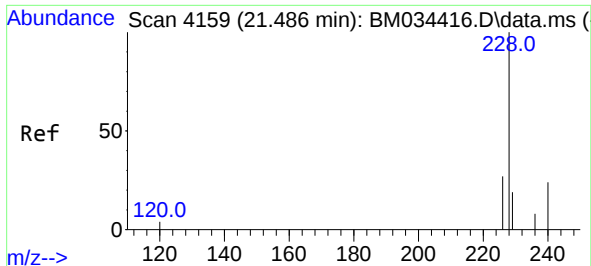
Reviewed By :Jagrut Upadhyay 03/31/2022
Supervised By :Yogesh Patel 04/02/2022



#20
Pyrene
Concen: 0.465 ng/u1
RT: 19.733 min Scan# 3657
Delta R.T. -0.005 min
Lab File: BM034429.D
Acq: 30 Mar 2022 04:52

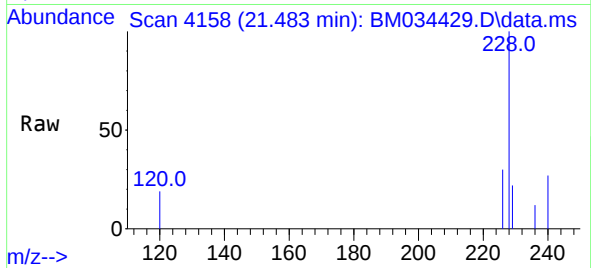
Tgt Ion:202 Resp: 10061
Ion Ratio Lower Upper
202 100
101 13.3 9.3 13.9
100 11.5 7.8 11.6





#21
Benzo(a)anthracene
Concen: 0.364 ng/ul m
RT: 21.483 min Scan# 4159
Delta R.T. -0.003 min
Lab File: BM034429.D
Acq: 30 Mar 2022 04:52

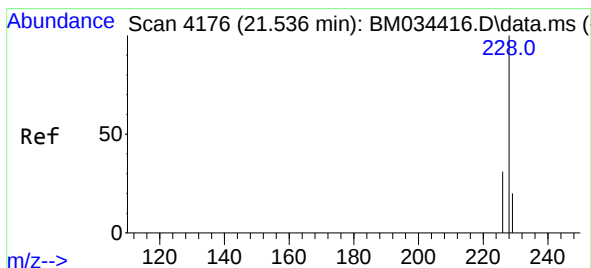
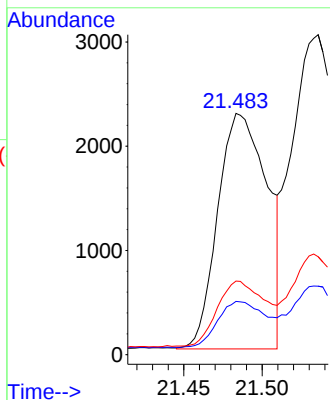
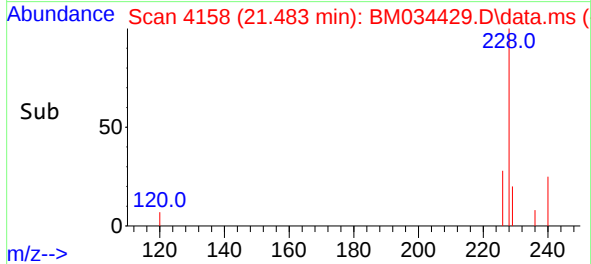
Instrument :
BNA_M
ClientSampleId :
SLCS572



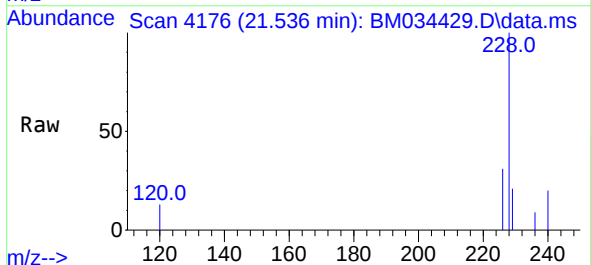
Tgt Ion:228 Resp: 4949
Ion Ratio Lower Upper
228 100
229 22.1 17.3 25.9
226 30.5 23.2 34.8

Manual Integrations
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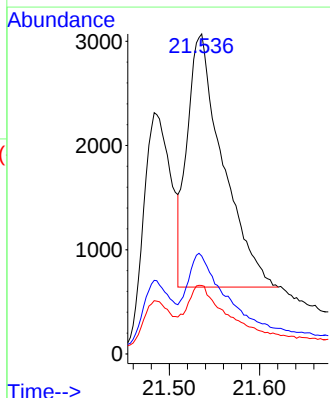
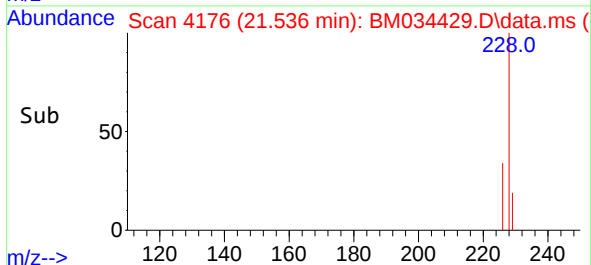
Reviewed By :Jagrut Upadhyay 03/31/2022
Supervised By :Yogesh Patel 04/02/2022

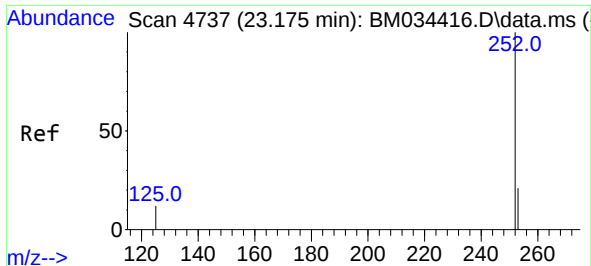


#22
Chrysene
Concen: 0.427 ng/ul
RT: 21.536 min Scan# 4176
Delta R.T. -0.003 min
Lab File: BM034429.D
Acq: 30 Mar 2022 04:52



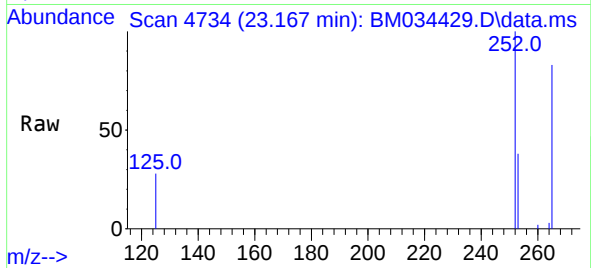
Tgt Ion:228 Resp: 6640
Ion Ratio Lower Upper
228 100
226 30.6 25.8 38.8
229 21.4 16.7 25.1





#24
Benzo(b)fluoranthene
Concen: 0.396 ng/ul m
RT: 23.167 min Scan# 4734
Delta R.T. -0.009 min
Lab File: BM034429.D
Acq: 30 Mar 2022 04:52

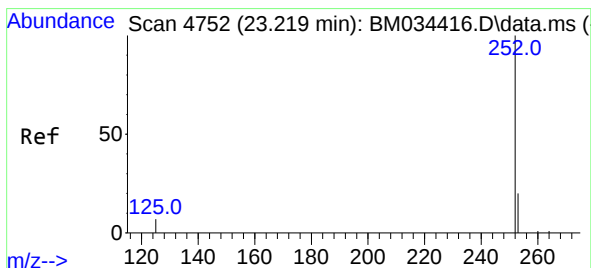
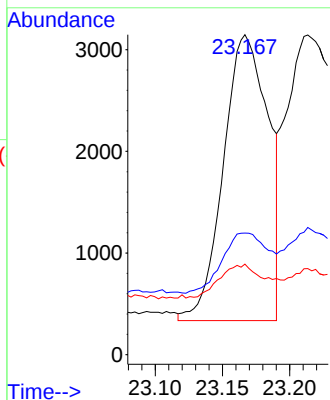
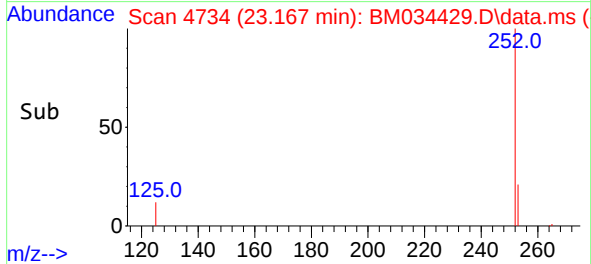
Instrument :
BNA_M
ClientSampleId :
SLCS572



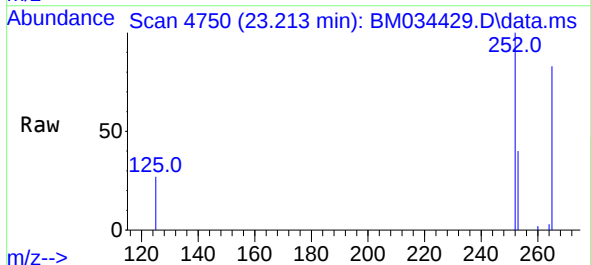
Tgt Ion:252 Resp: 6520
Ion Ratio Lower Upper
252 100
253 38.0 0.0 64.2
125 28.3 0.0 28.8

Manual Integrations
APPROVED

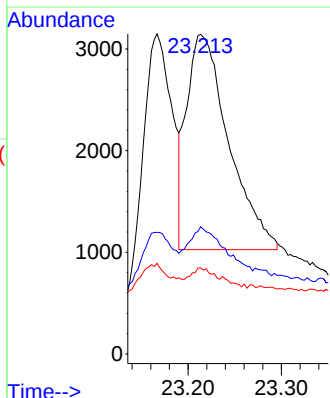
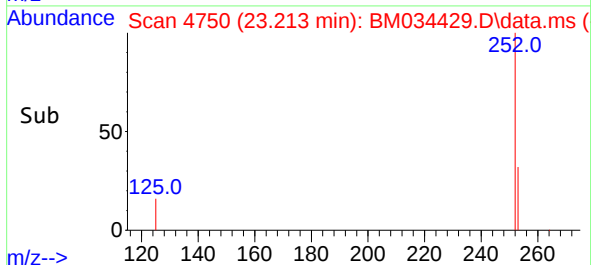
Reviewed By :Jagrut Upadhyay 03/31/2022
Supervised By :Yogesh Patel 04/02/2022

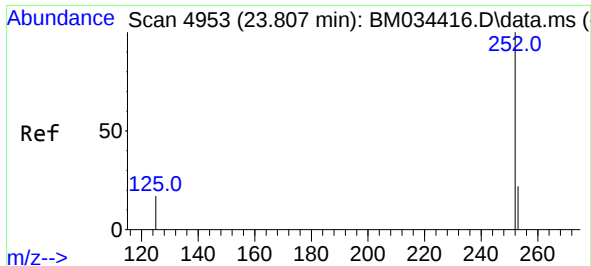


#25
Benzo(k)fluoranthene
Concen: 0.415 ng/ul m
RT: 23.213 min Scan# 4750
Delta R.T. -0.012 min
Lab File: BM034429.D
Acq: 30 Mar 2022 04:52



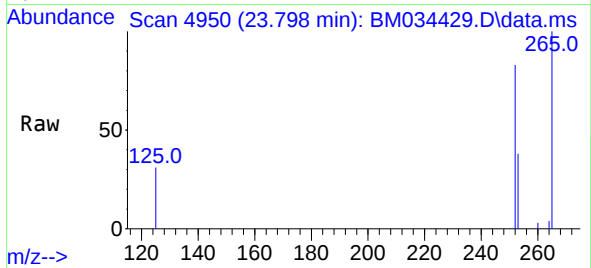
Tgt Ion:252 Resp: 6620
Ion Ratio Lower Upper
252 100
253 39.8 26.8 40.2
125 26.9 12.0 18.0#





#26
Benzo(a)pyrene
Concen: 0.473 ng/ul
RT: 23.798 min Scan# 4950
Delta R.T. -0.009 min
Lab File: BM034429.D
Acq: 30 Mar 2022 04:52

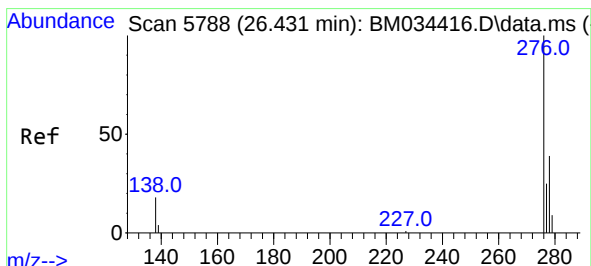
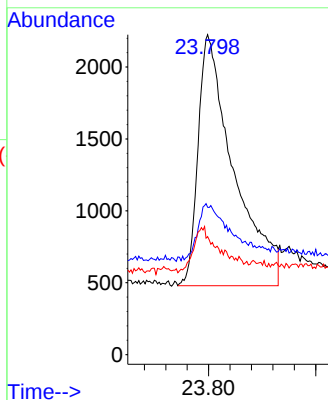
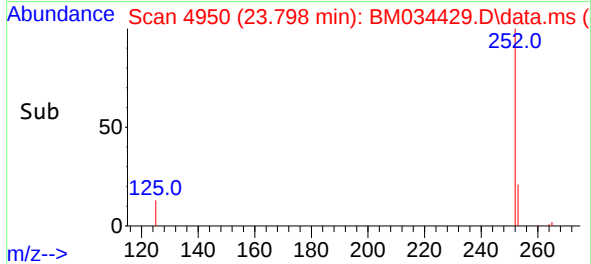
Instrument :
BNA_M
ClientSampleId :
SLCS572



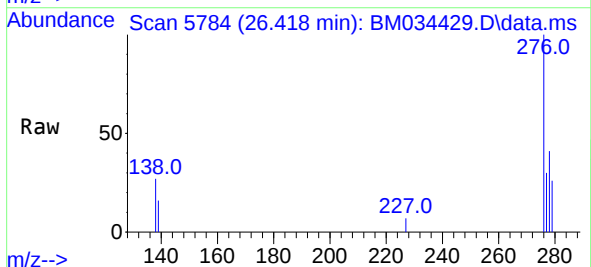
Tgt Ion:252 Resp: 8070
Ion Ratio Lower Upper
252 100
253 46.0 32.0 48.0
125 36.9 14.5 21.7

Manual Integrations
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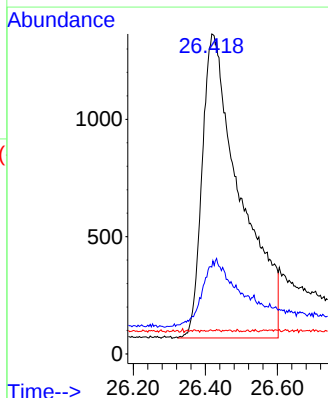
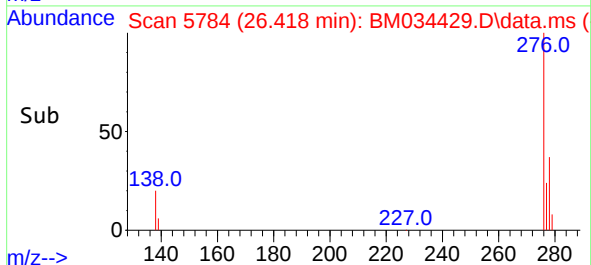
Reviewed By :Jagrut Upadhyay 03/31/2022
Supervised By :Yogesh Patel 04/02/2022

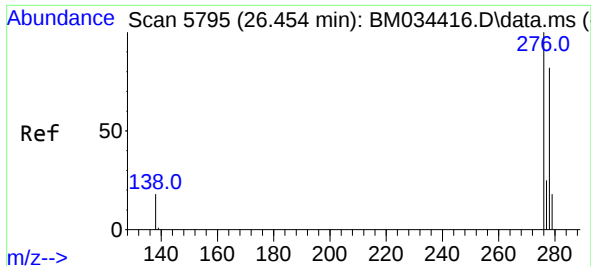


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.428 ng/ul
RT: 26.418 min Scan# 5784
Delta R.T. -0.017 min
Lab File: BM034429.D
Acq: 30 Mar 2022 04:52



Tgt Ion:276 Resp: 9535
Ion Ratio Lower Upper
276 100
138 0.0 15.8 23.6#
227 0.0 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.415 ng/ul

RT: 26.448 min Scan# 5795

Delta R.T. -0.010 min

Lab File: BM034429.D

Acq: 30 Mar 2022 04:52

Instrument :

BNM

ClientSampleId :

SLCS572

Tgt Ion:278 Resp: 6928

Ion Ratio Lower Upper

278 100

139 30.9 18.0 27.0

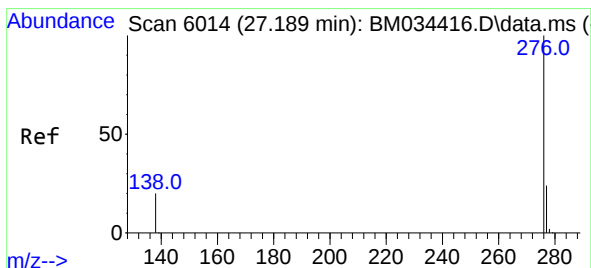
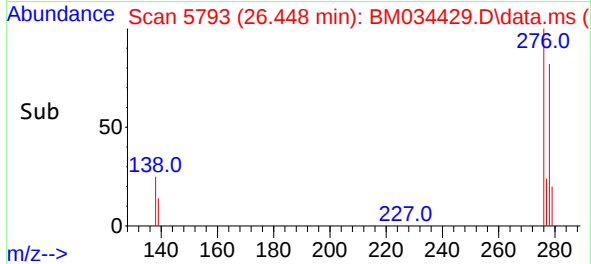
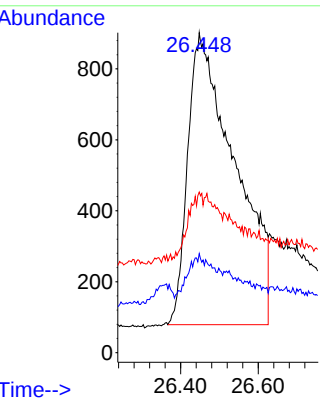
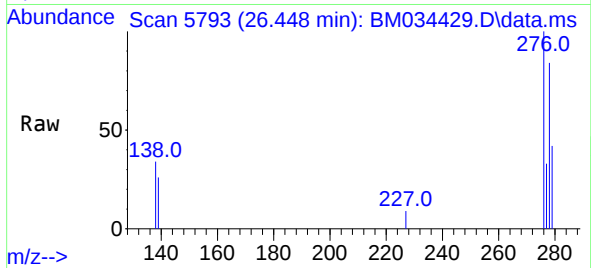
279 50.2 28.6 42.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/31/2022

Supervised By :Yogesh Patel 04/02/2022



#29

Benzo(g,h,i)perylene

Concen: 0.466 ng/ul

RT: 27.179 min Scan# 6011

Delta R.T. -0.027 min

Lab File: BM034429.D

Acq: 30 Mar 2022 04:52

Tgt Ion:276 Resp: 10018

Ion Ratio Lower Upper

276 100

138 25.7 17.4 26.0

277 28.2 22.6 33.8

