

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091922\
 Data File : BM036605.D
 Acq On : 20 Sep 2022 06:48
 Operator : CG/JU
 Sample : N4604-14
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A5774

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2022
 Supervised By :mohammad ahmed 09/21/2022

Quant Time: Sep 20 07:29:54 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Sep 16 02:39:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.028	152	549104	20.000	ng/u1	0.00
20) Naphthalene-d8	10.839	136	2453181	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.651	164	1513072	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.386	188	2966053	20.000	ng/u1	0.00
79) Chrysene-d12	21.550	240	2182507	20.000	ng/u1	0.00
88) Perylene-d12	23.997	264	1795937	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	49594	3.386	ng/uL	0.00
4) Pyridine-d5	3.822	84	99065	2.319	ng/u1	0.00
7) Phenol-d5	7.175	99	1053924	21.478	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.351	67	620001	20.805	ng/u1	0.00
11) 2-Chlorophenol-d4	7.551	132	847731	23.996	ng/u1	0.00
15) 4-Methylphenol-d8	8.728	113	809492	22.326	ng/u1	0.00
21) Nitrobenzene-d5	9.192	128	442772	26.666	ng/u1	0.00
24) 2-Nitrophenol-d4	9.916	143	457646	30.770	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.451	165	815899	23.671	ng/u1	0.00
31) 4-Chloroaniline-d4	10.969	131	551405	9.622	ng/u1	0.00
46) Dimethylphthalate-d6	14.063	166	2535142	24.843	ng/u1	0.00
49) Acenaphthylene-d8	14.345	160	3096603	25.582	ng/u1	0.00
54) 4-Nitrophenol-d4	14.827	143	389826	19.695	ng/u1	0.00
60) Fluorene-d10	15.639	176	2238628	24.479	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	278361	23.721	ng/u1	0.00
73) Anthracene-d10	17.486	188	3363756	24.804	ng/u1	0.00
81) Pyrene-d10	19.768	212	3598901	33.518	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.839	264	2318486	26.424	ng/u1	0.00
Target Compounds					Qvalue	
30) Naphthalene	10.886	128	140829	1.054	ng/u1	99
36) 2-Methylnaphthalene	12.486	142	108280	1.216	ng/u1	99
37) 1-Methylnaphthalene	12.704	142	92982	1.039	ng/u1	95
50) Acenaphthylene	14.374	152	218862	1.581	ng/u1	98
72) Phenanthrene	17.427	178	1166060	7.137	ng/u1	99
74) Anthracene	17.515	178	417001	2.511	ng/u1	100
80) Fluoranthene	19.433	202	2889051	21.958	ng/u1	99
82) Pyrene	19.798	202	2650917	19.034	ng/u1	100
85) Benzo(a)anthracene	21.539	228	2042139	14.934	ng/u1	94
87) Chrysene	21.592	228	1899490m	14.634	ng/u1	
90) Benzo(b)fluoranthene	23.256	252	2209190	19.398	ng/u1	97
91) Benzo(k)fluoranthene	23.297	252	802463m	7.052	ng/u1	
93) Benzo(a)pyrene	23.891	252	1607592	16.057	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	26.544	276	996507	8.523	ng/u1	98
95) Dibenzo(a,h)anthracene	26.556	278	317351	2.993	ng/u1#	84
96) Benzo(g,h,i)perylene	27.332	276	773142	7.628	ng/u1	99

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

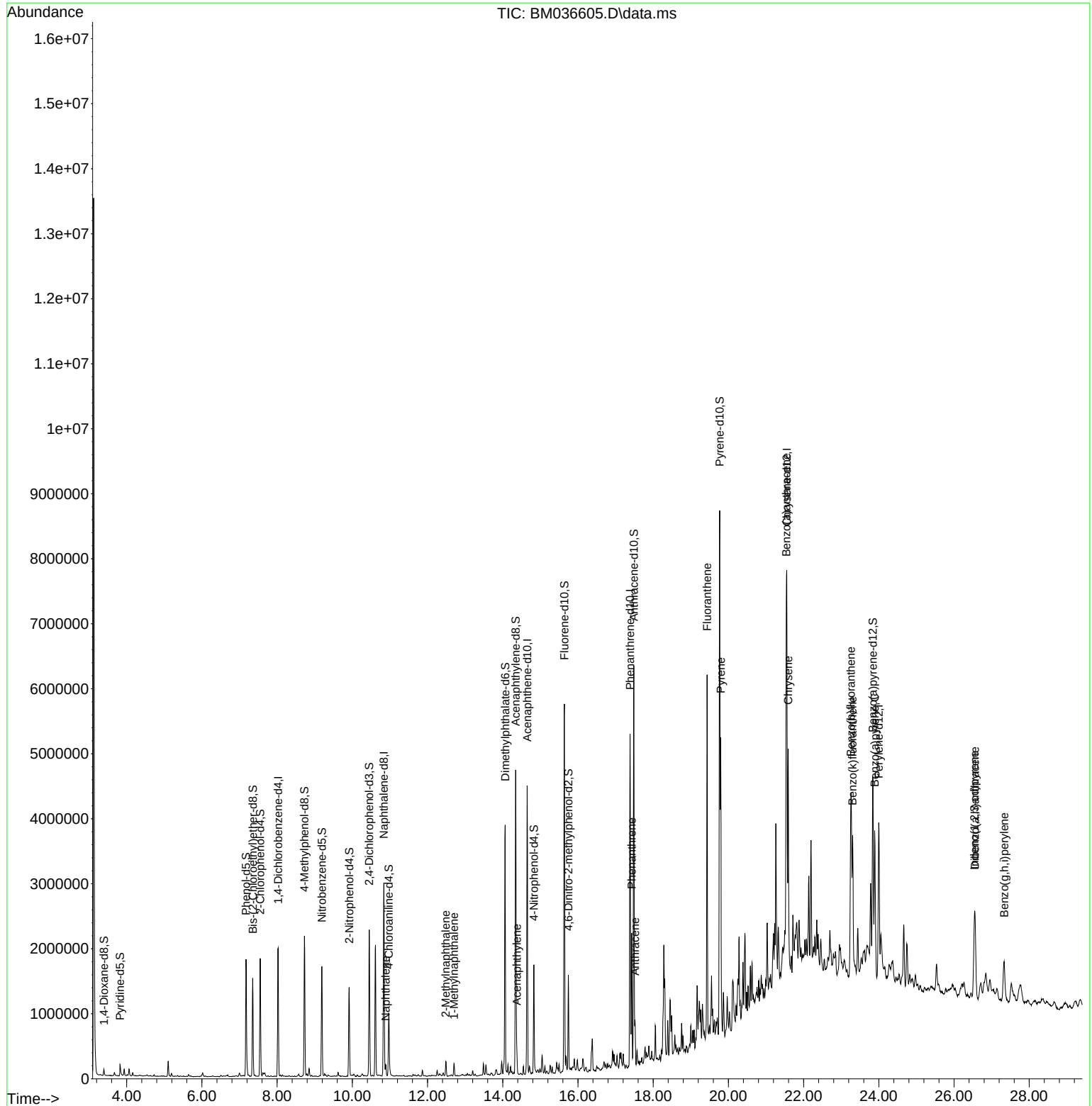
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091922\
Data File : BM036605.D
Acq On : 20 Sep 2022 06:48
Operator : CG/JU
Sample : N4604-14
Misc :
ALS Vial : 34 Sample Multiplier: 1

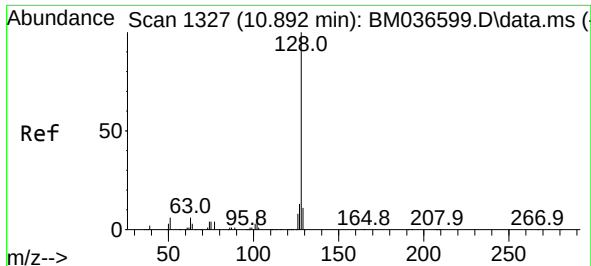
Instrument :
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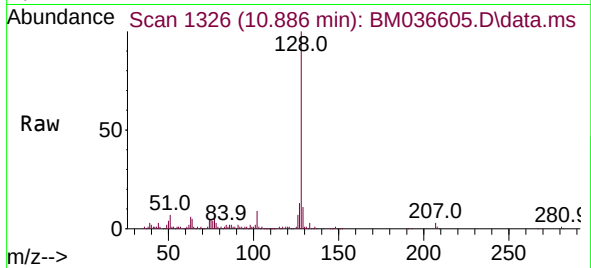
Quant Time: Sep 20 07:29:54 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 16 02:39:54 2022
Response via : Initial Calibration





#30
Naphthalene
Concen: 1.054 ng/ul
RT: 10.886 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BM036605.D
Acq: 20 Sep 2022 06:48

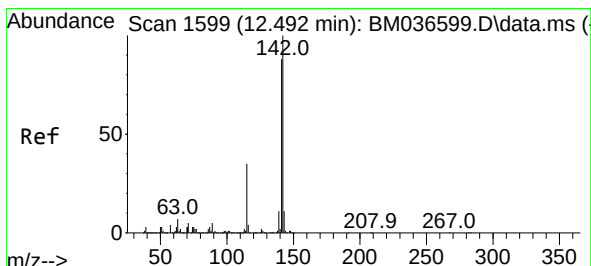
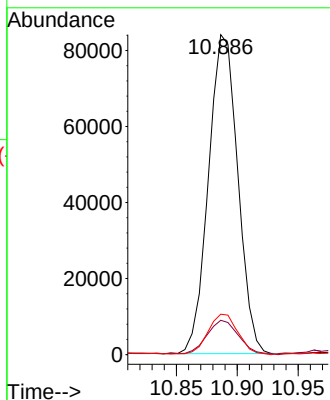
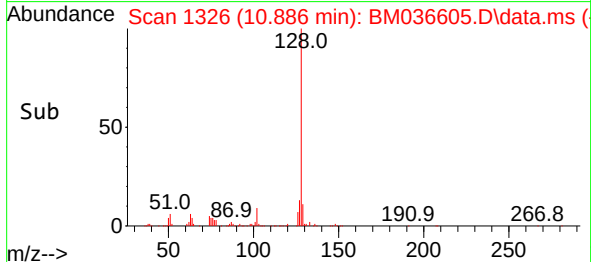
Instrument :
BNA_M
ClientSampleId :
A5774



Tgt Ion:128 Resp: 140829
Ion Ratio Lower Upper
128 100
129 10.7 8.7 13.1
127 12.6 10.3 15.5

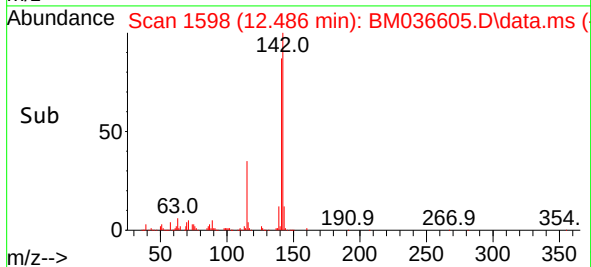
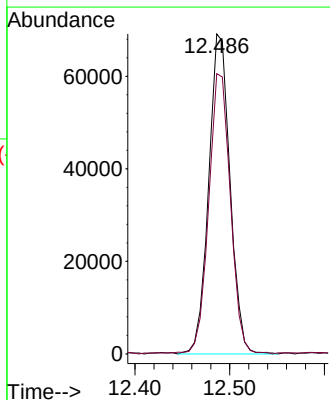
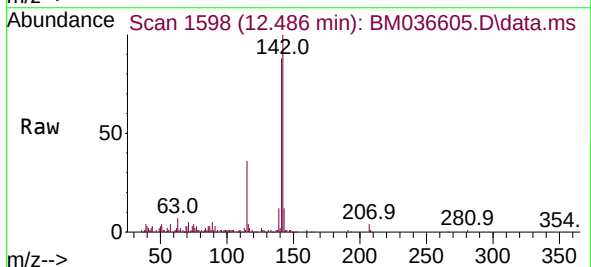
Manual Integrations
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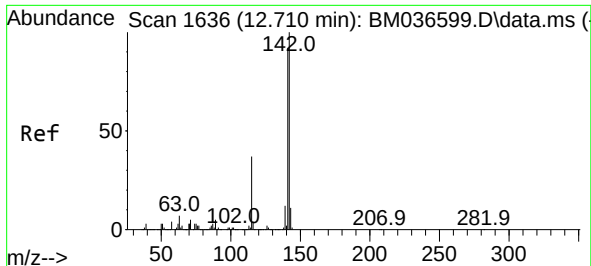
Reviewed By :Jagrut Upadhyay 09/20/2022
Supervised By :mohammad ahmed 09/21/2022



#36
2-Methylnaphthalene
Concen: 1.216 ng/ul
RT: 12.486 min Scan# 1598
Delta R.T. -0.006 min
Lab File: BM036605.D
Acq: 20 Sep 2022 06:48

Tgt Ion:142 Resp: 108280
Ion Ratio Lower Upper
142 100
141 87.6 70.7 106.1





#37

1-Methylnaphthalene

Concen: 1.039 ng/ul

RT: 12.704 min Scan# 1636

Delta R.T. -0.006 min

Lab File: BM036605.D

Acq: 20 Sep 2022 06:48

Instrument :

BNA_M

ClientSampleId :

A5774

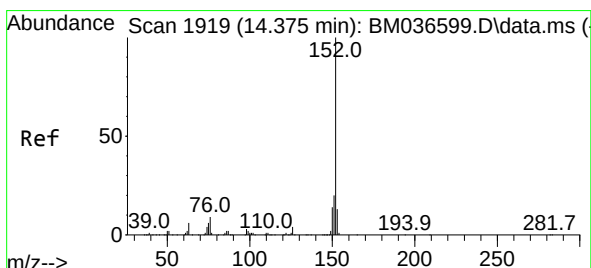
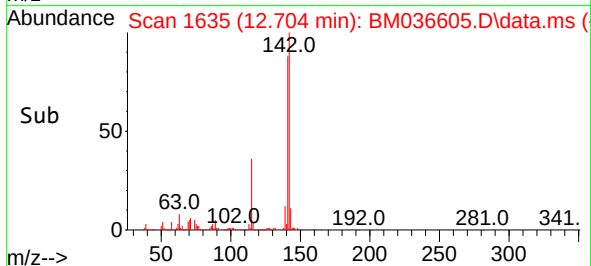
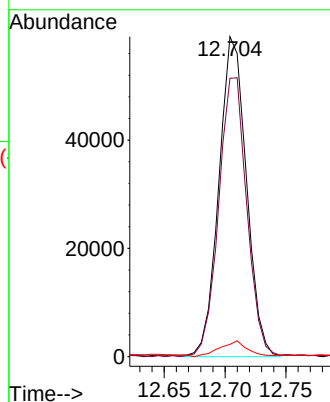
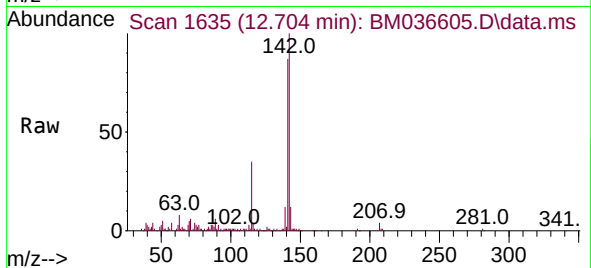
Tgt Ion:142 Resp: 92982

Ion	Ratio	Lower	Upper
142	100		
141	87.0	73.4	110.2
116	3.8	3.1	4.7

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#50

Acenaphthylene

Concen: 1.581 ng/ul

RT: 14.374 min Scan# 1919

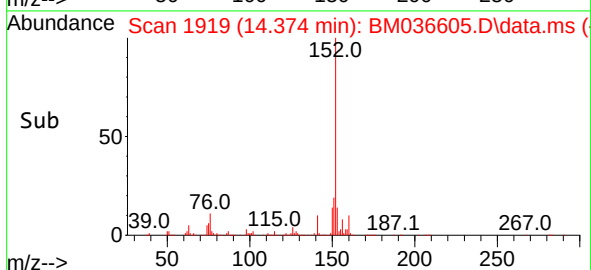
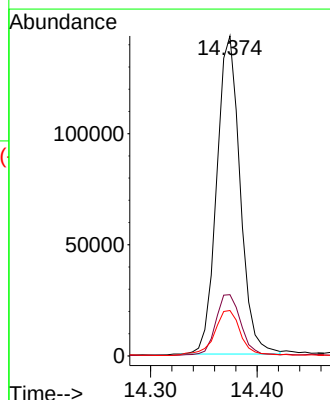
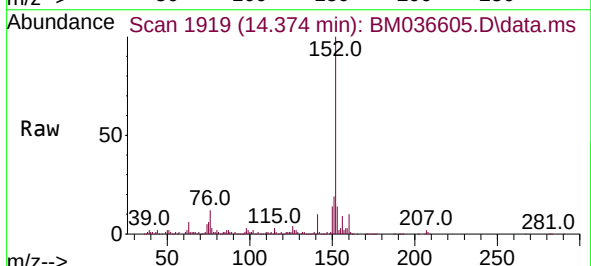
Delta R.T. 0.000 min

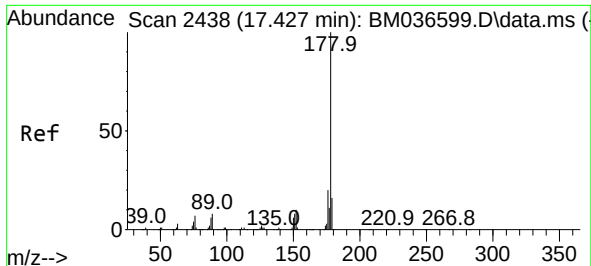
Lab File: BM036605.D

Acq: 20 Sep 2022 06:48

Tgt Ion:152 Resp: 218862

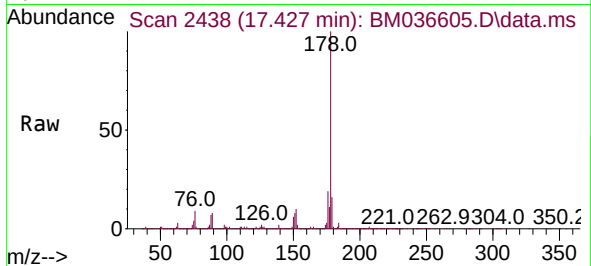
Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.7	23.5
153	14.2	10.5	15.7





#72
Phenanthrene
Concen: 7.137 ng/ul
RT: 17.427 min Scan# 2438
Delta R.T. -0.006 min
Lab File: BM036605.D
Acq: 20 Sep 2022 06:48

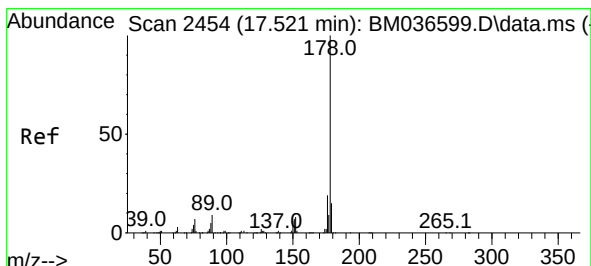
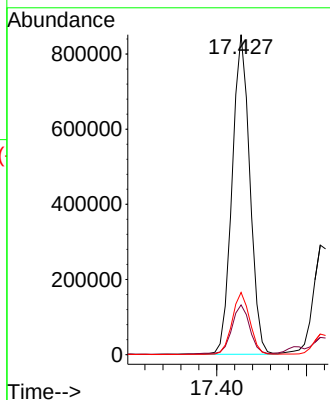
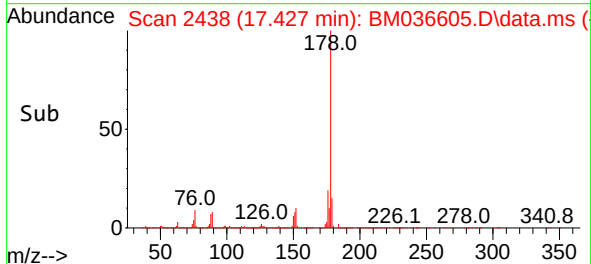
Instrument :
BNA_M
ClientSampleId :
A5774



Tgt Ion:178 Resp: 1166060
Ion Ratio Lower Upper
178 100
179 15.5 12.2 18.2
176 19.5 15.7 23.5

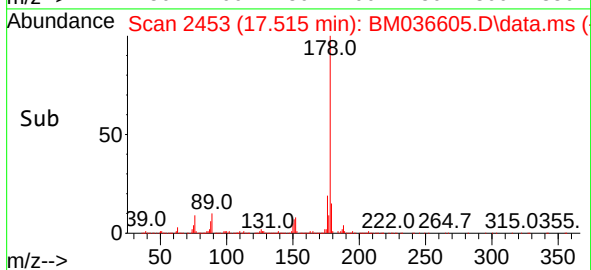
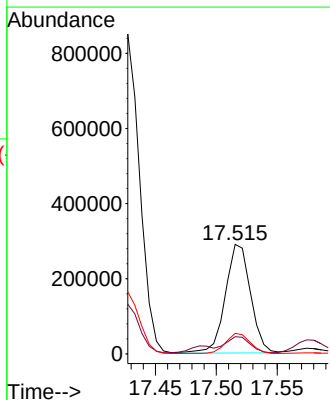
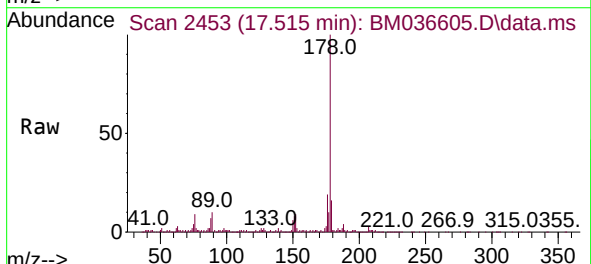
Manual Integrations
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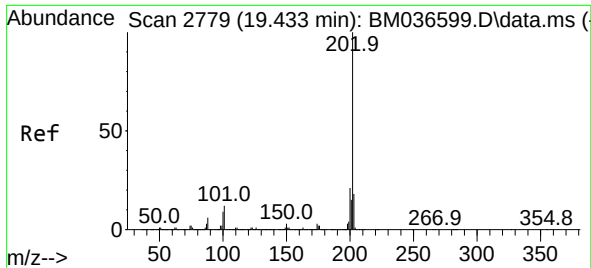
Reviewed By :Jagrut Upadhyay 09/20/2022
Supervised By :mohammad ahmed 09/21/2022



#74
Anthracene
Concen: 2.511 ng/ul
RT: 17.515 min Scan# 2453
Delta R.T. -0.006 min
Lab File: BM036605.D
Acq: 20 Sep 2022 06:48

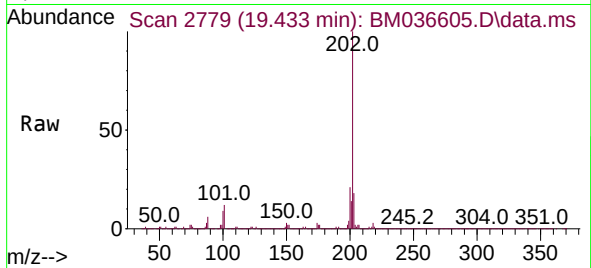
Tgt Ion:178 Resp: 417001
Ion Ratio Lower Upper
178 100
179 15.7 12.3 18.5
176 18.8 15.0 22.6





#80
Fluoranthene
Concen: 21.958 ng/u1
RT: 19.433 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM036605.D
Acq: 20 Sep 2022 06:48

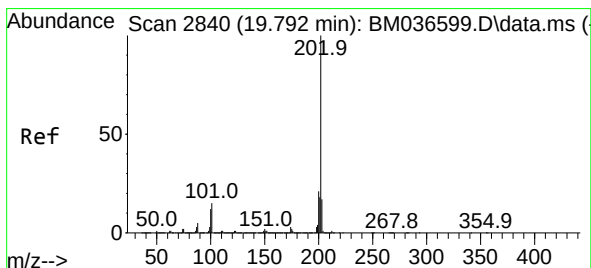
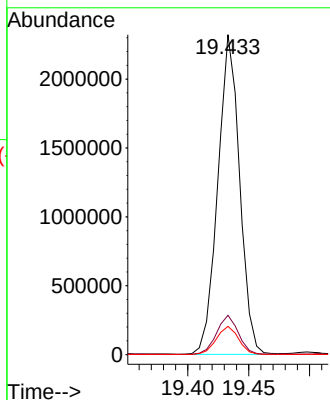
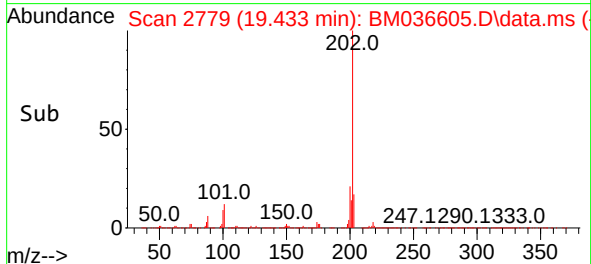
Instrument :
BNA_M
ClientSampleId :
A5774



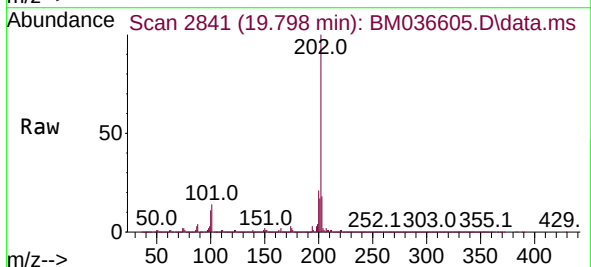
Tgt Ion:202 Resp: 288905
Ion Ratio Lower Upper
202 100
101 12.3 9.8 14.6
100 8.9 7.4 11.2

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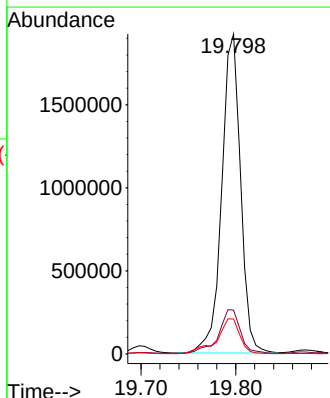
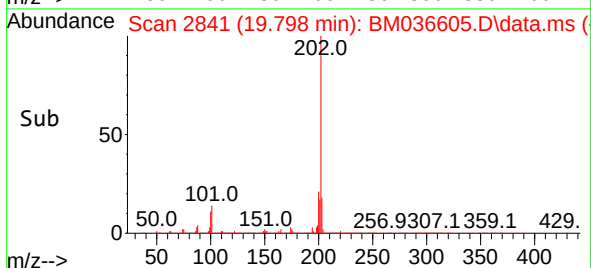
Reviewed By :Jagrut Upadhyay 09/20/2022
Supervised By :mohammad ahmed 09/21/2022

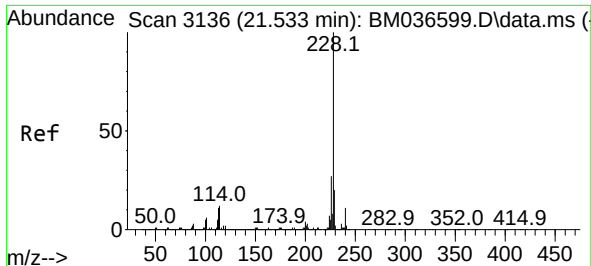


#82
Pyrene
Concen: 19.034 ng/u1
RT: 19.798 min Scan# 2841
Delta R.T. 0.000 min
Lab File: BM036605.D
Acq: 20 Sep 2022 06:48



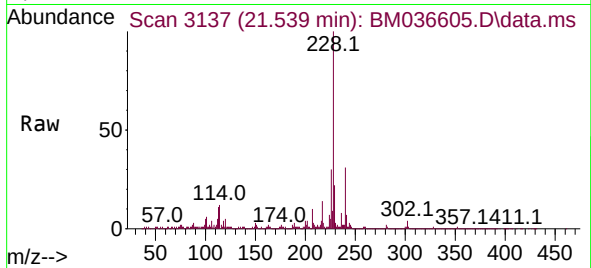
Tgt Ion:202 Resp: 2650917
Ion Ratio Lower Upper
202 100
101 13.7 10.9 16.3
100 10.9 8.7 13.1





#85
Benzo(a)anthracene
Concen: 14.934 ng/ul
RT: 21.539 min Scan# 3136
Delta R.T. 0.000 min
Lab File: BM036605.D
Acq: 20 Sep 2022 06:48

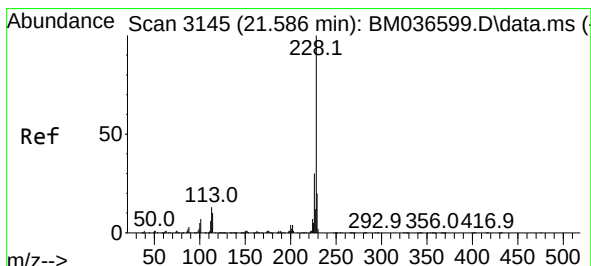
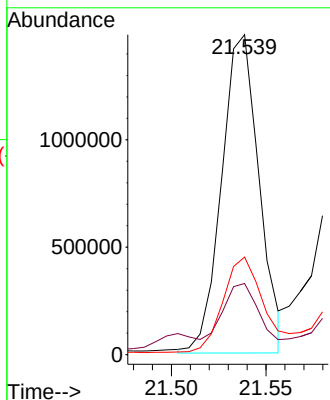
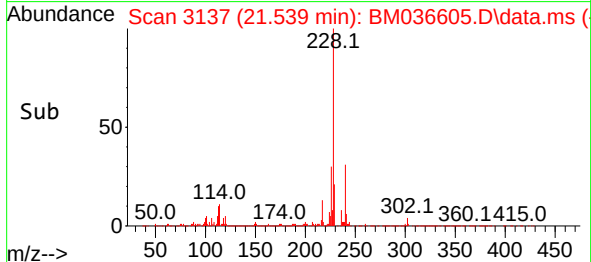
Instrument :
BNA_M
ClientSampleId :
A5774



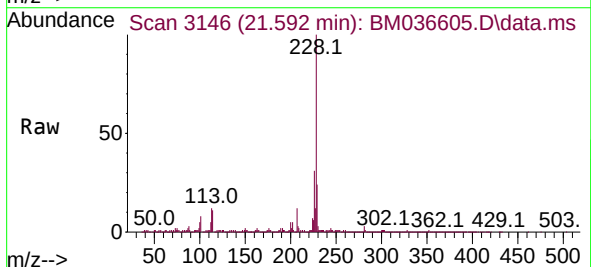
Tgt Ion:228 Resp: 2042139
Ion Ratio Lower Upper
228 100
229 22.2 15.8 23.8
226 30.5 21.9 32.9

Manual Integrations
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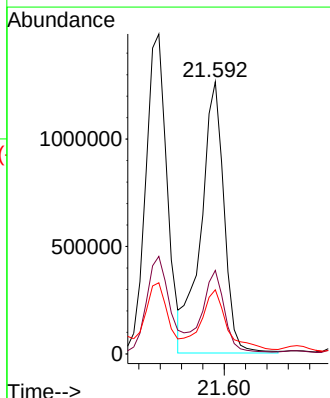
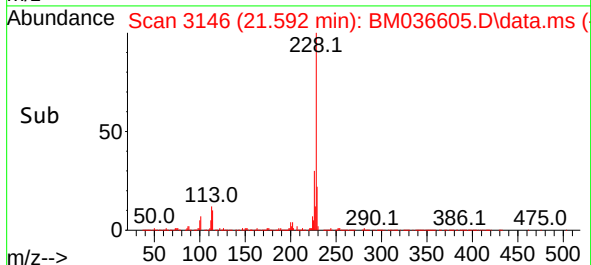
Reviewed By :Jagrut Upadhyay 09/20/2022
Supervised By :mohammad ahmed 09/21/2022

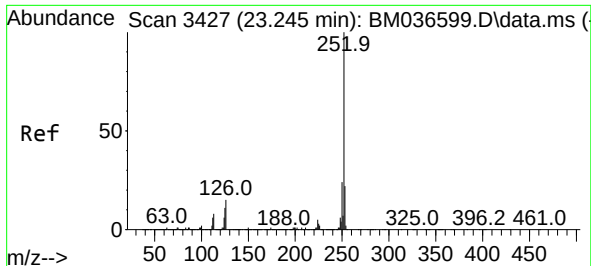


#87
Chrysene
Concen: 14.634 ng/ul m
RT: 21.592 min Scan# 3146
Delta R.T. 0.000 min
Lab File: BM036605.D
Acq: 20 Sep 2022 06:48



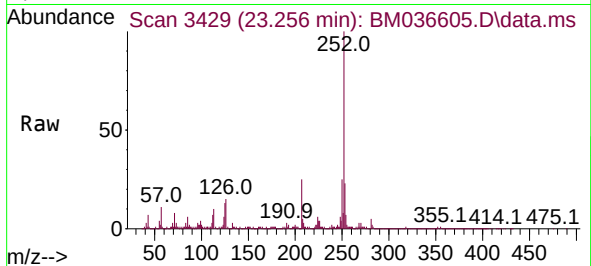
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Ion Ratio Lower Upper
228 100
226 30.7 24.4 36.6
229 23.5 15.6 23.4#





#90
Benzo(b)fluoranthene
Concen: 19.398 ng/ul
RT: 23.256 min Scan# 3427
Delta R.T. 0.006 min
Lab File: BM036605.D
Acq: 20 Sep 2022 06:48

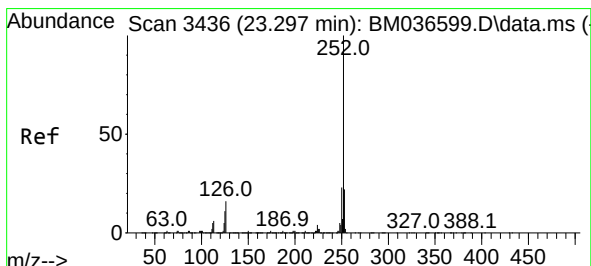
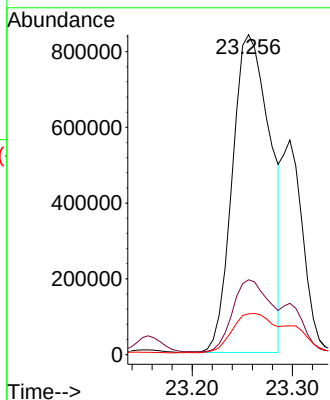
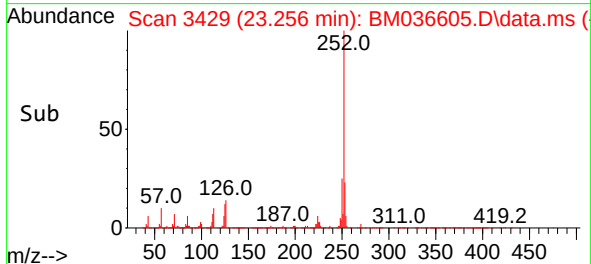
Instrument :
BNA_M
ClientSampleId :
A5774



Tgt Ion:252 Resp: 2209190
Ion Ratio Lower Upper
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253 23.4 17.6 26.4
125 12.7 9.1 13.7

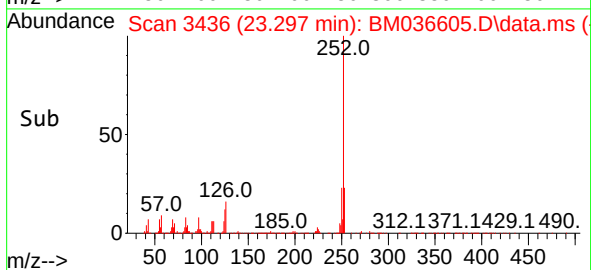
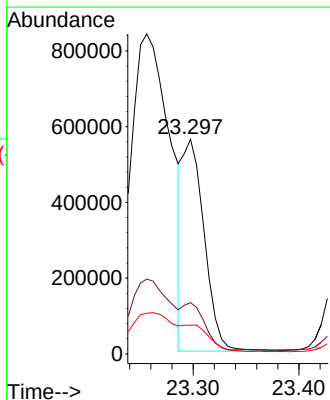
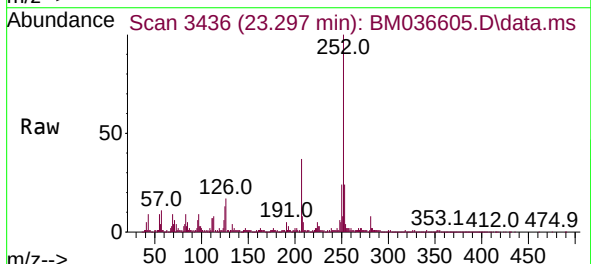
Manual Integrations
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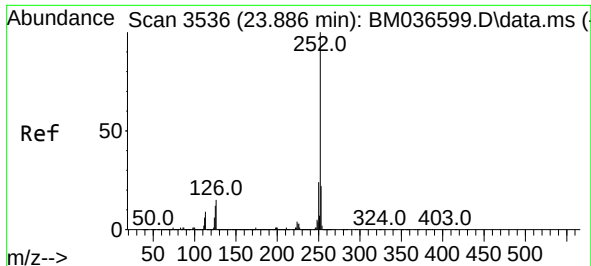
Reviewed By :Jagrut Upadhyay 09/20/2022
Supervised By :mohammad ahmed 09/21/2022



#91
Benzo(k)fluoranthene
Concen: 7.052 ng/ul m
RT: 23.297 min Scan# 3436
Delta R.T. -0.006 min
Lab File: BM036605.D
Acq: 20 Sep 2022 06:48

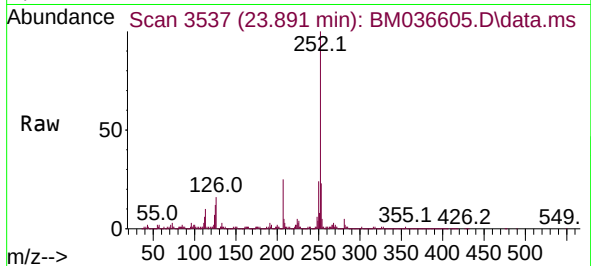
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Ion Ratio Lower Upper
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253 23.9 17.8 26.8
125 13.4 8.2 12.4#





#93
Benzo(a)pyrene
Concen: 16.057 ng/ul
RT: 23.891 min Scan# 3537
Delta R.T. 0.000 min
Lab File: BM036605.D
Acq: 20 Sep 2022 06:48

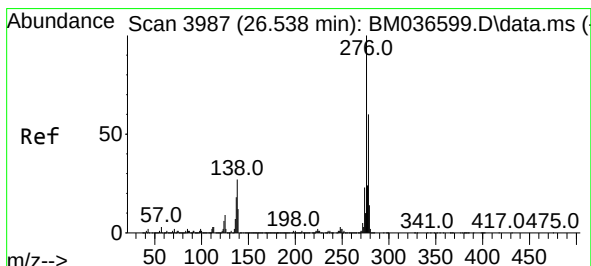
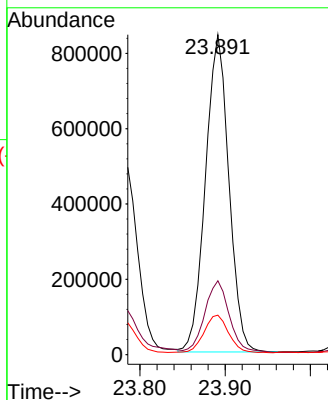
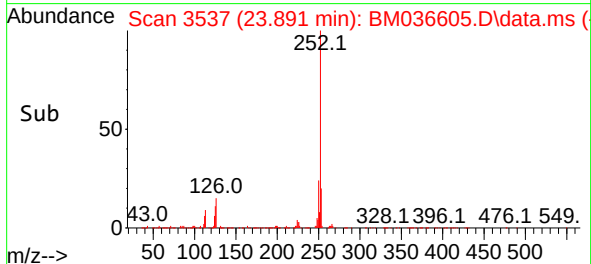
Instrument :
BNA_M
ClientSampleId :
A5774



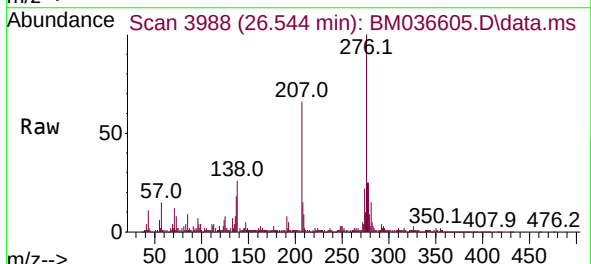
Tgt Ion:252 Resp: 1607592
Ion Ratio Lower Upper
252 100
253 23.1 17.5 26.3
125 12.3 9.5 14.3

Manual Integrations
APPROVED

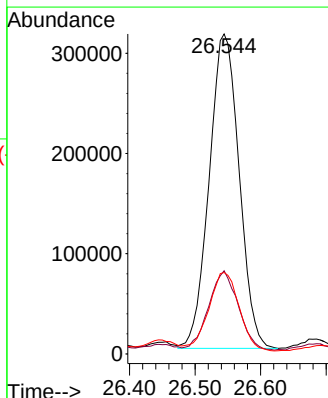
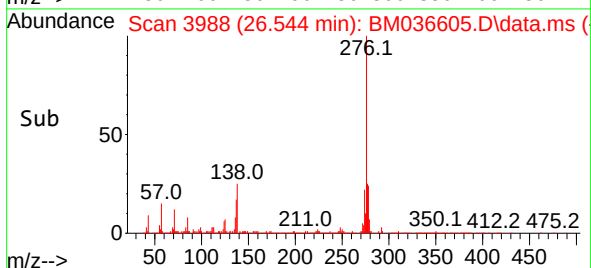
Reviewed By :Jagrut Upadhyay 09/20/2022
Supervised By :mohammad ahmed 09/21/2022

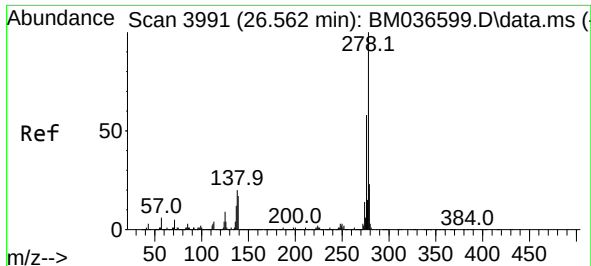


#94
Indeno(1,2,3-cd)pyrene
Concen: 8.523 ng/ul
RT: 26.544 min Scan# 3988
Delta R.T. -0.006 min
Lab File: BM036605.D
Acq: 20 Sep 2022 06:48



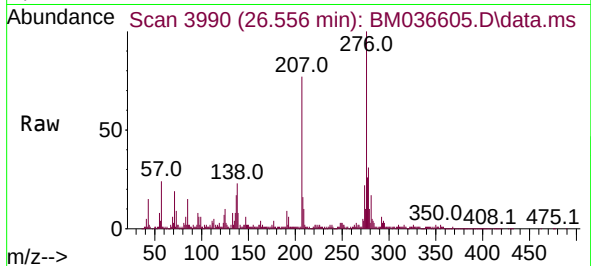
Tgt Ion:276 Resp: 996507
Ion Ratio Lower Upper
276 100
138 26.0 20.2 30.4
277 25.4 19.7 29.5





#95
Dibenzo(a,h)anthracene
Concen: 2.993 ng/ul
RT: 26.556 min Scan# 3991
Delta R.T. -0.018 min
Lab File: BM036605.D
Acq: 20 Sep 2022 06:48

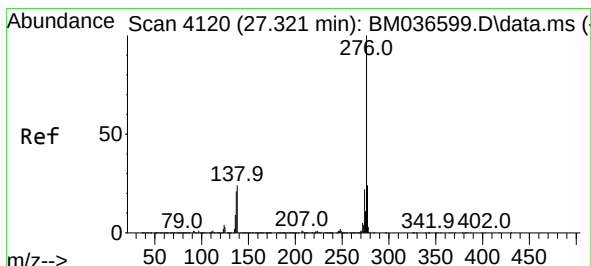
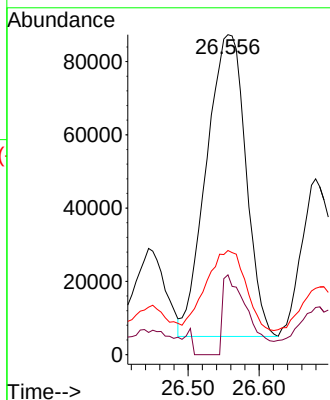
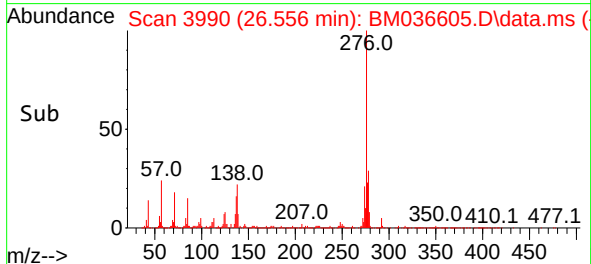
Instrument :
BNA_M
ClientSampleId :
A5774



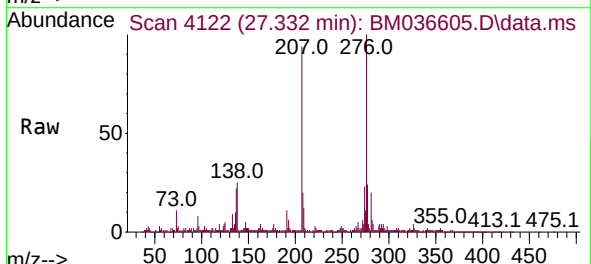
Tgt Ion: 278 Resp: 31735
Ion Ratio Lower Upper
278 100
139 25.0 14.5 21.7
279 32.5 19.7 29.5

Manual Integrations
APPROVED

Reviewed By : Jagrut Upadhyay 09/20/2022
Supervised By : mohammad ahmed 09/21/2022



#96
Benzo(g,h,i)perylene
Concen: 7.628 ng/ul
RT: 27.332 min Scan# 4122
Delta R.T. 0.000 min
Lab File: BM036605.D
Acq: 20 Sep 2022 06:48



Tgt Ion: 276 Resp: 773142
Ion Ratio Lower Upper
276 100
138 24.5 18.7 28.1
277 24.3 19.2 28.8

