

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100324\
 Data File : BM047821.D
 Acq On : 03 Oct 2024 23:54
 Operator : RC/JU
 Sample : P4084-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCYL9

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/04/2024
 Supervised By :mohammad ahmed 10/06/2024

Quant Time: Oct 04 01:18:23 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Sep 28 02:30:36 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	279349	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.592	136	1100900	20.000	ng/u1	-0.02
38) Acenaphthene-d10	14.433	164	670212	20.000	ng/u1	-0.02
64) Phenanthrene-d10	17.174	188	1347454	20.000	ng/u1	-0.01
79) Chrysene-d12	21.397	240	1263594	20.000	ng/u1	-0.01
88) Perylene-d12	24.403	264	1477360	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.251	96	8759	1.013	ng/uL	0.00
4) Pyridine-d5	3.681	84	14330	0.566	ng/u1	0.00
7) Phenol-d5	6.969	99	174315	6.599	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.128	67	116914	6.237	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.334	132	151334	7.874	ng/u1	-0.01
15) 4-Methylphenol-d8	8.504	113	134928	6.870	ng/u1	-0.01
21) Nitrobenzene-d5	8.957	128	67646	7.717	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.675	143	67288	8.011	ng/u1	-0.02
28) 2,4-Dichlorophenol-d3	10.216	165	138419	8.249	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.727	131	72479	2.794	ng/u1	-0.01
46) Dimethylphthalate-d6	13.845	166	419881	8.641	ng/u1	-0.01
49) Acenaphthylene-d8	14.127	160	483685	8.396	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.627	143	28487m	2.945	ng/u1	0.00
60) Fluorene-d10	15.427	176	379969	9.028	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.539	200	36121	4.581	ng/u1	-0.01
73) Anthracene-d10	17.274	188	562653	8.492	ng/u1	-0.01
81) Pyrene-d10	19.556	212	543111	7.573	ng/u1	-0.01
92) Benzo(a)pyrene-d12	24.191	264	368364	4.806	ng/u1	-0.02
Target Compounds						Qvalue
30) Naphthalene	10.645	128	434086	6.855	ng/u1	99
36) 2-Methylnaphthalene	12.257	142	68317	1.698	ng/u1	93
52) Acenaphthene	14.498	153	69688	1.517	ng/u1	98
61) Fluorene	15.480	166	242893	4.709	ng/u1	98
72) Phenanthrene	17.215	178	1079986	13.667	ng/u1	99
74) Anthracene	17.304	178	285625	3.544	ng/u1	100
80) Fluoranthene	19.227	202	848324	10.044	ng/u1	98
82) Pyrene	19.586	202	599182	6.374	ng/u1	96
85) Benzo(a)anthracene	21.380	228	294893	3.333	ng/u1	95
87) Chrysene	21.439	228	640488m	7.426	ng/u1	
90) Benzo(b)fluoranthene	23.450	252	998532	10.838	ng/u1	99
91) Benzo(k)fluoranthene	23.509	252	305953m	3.248	ng/u1	
93) Benzo(a)pyrene	24.256	252	107129	1.224	ng/u1#	92
94) Indeno(1,2,3-cd)pyrene	27.773	276	160266	1.429	ng/u1	97

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

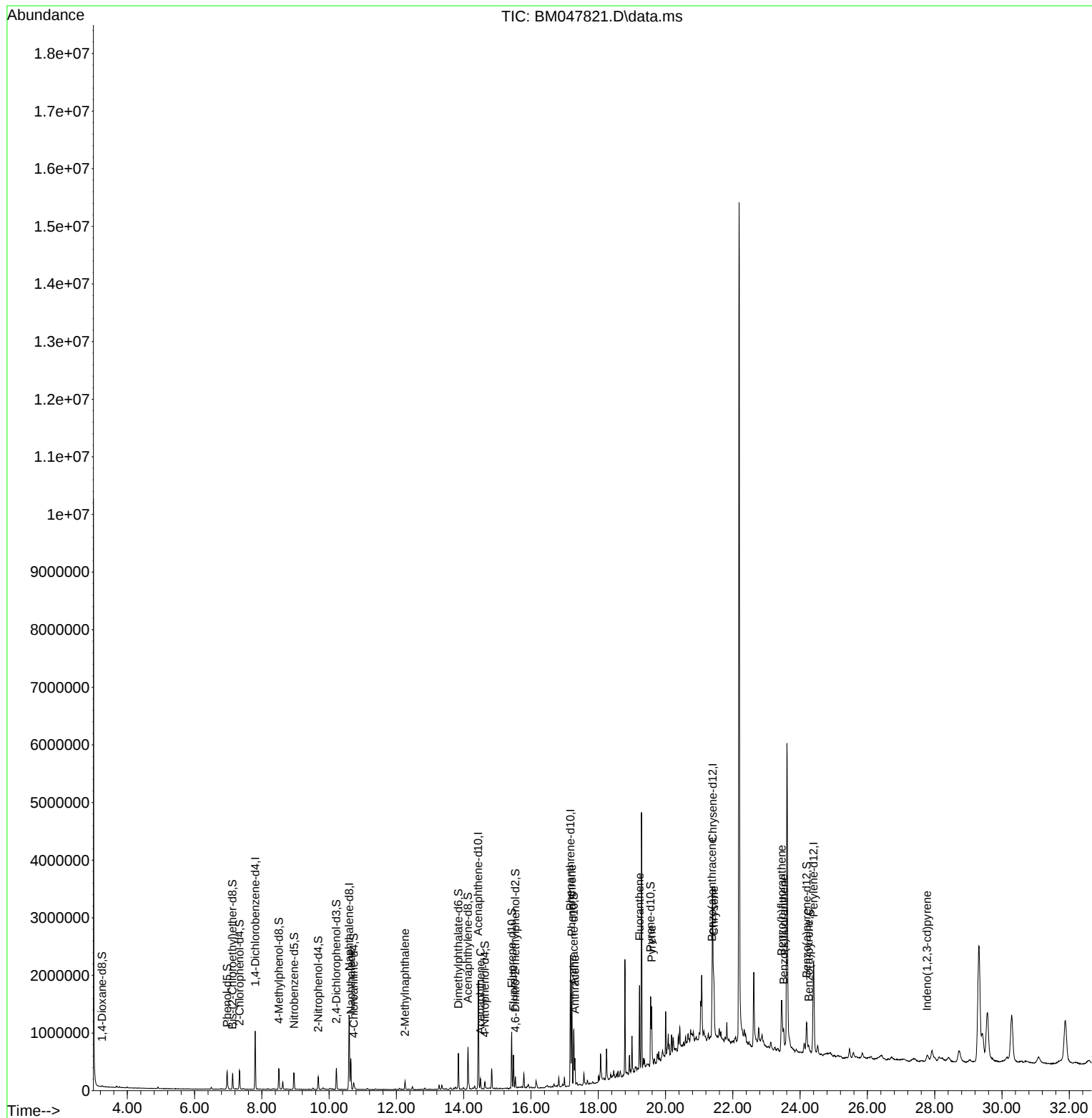
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100324\
Data File : BM047821.D
Acq On : 03 Oct 2024 23:54
Operator : RC/JU
Sample : P4084-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

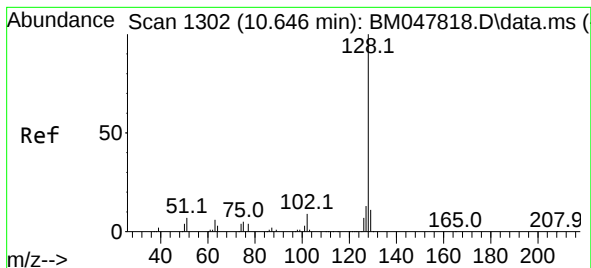
Instrument :
BNA_M
ClientSampleId :
DCYL9

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 10/04/2024
Supervised By :mohammad ahmed 10/06/2024

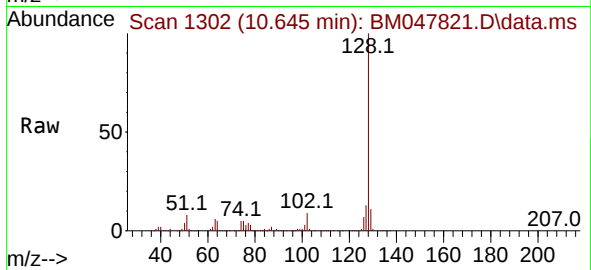
Quant Time: Oct 04 01:18:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 28 02:30:36 2024
Response via : Initial Calibration





#30
Naphthalene
Concen: 6.855 ng/ul
RT: 10.645 min Scan# 11
Delta R.T. -0.018 min
Lab File: BM047821.D
Acq: 03 Oct 2024 23:54

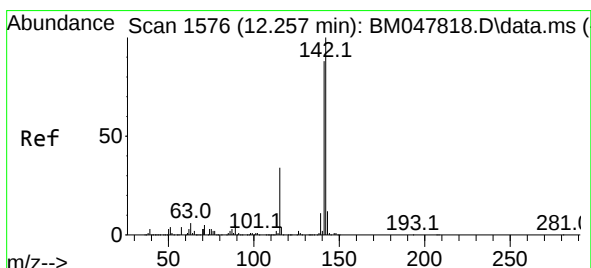
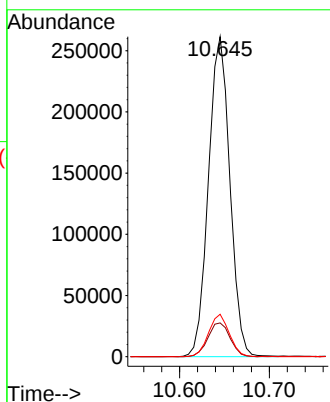
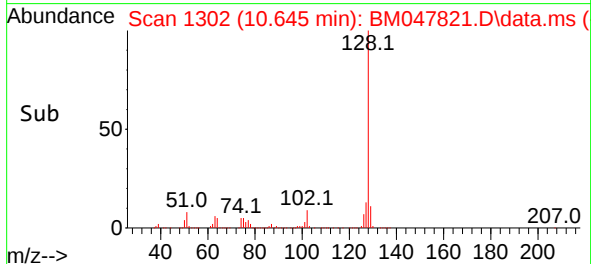
Instrument :
BNA_M
ClientSampleId :
DCYL9



Tgt Ion:128 Resp: 434086
Ion Ratio Lower Upper
128 100
129 10.5 8.6 12.8
127 13.3 10.4 15.6

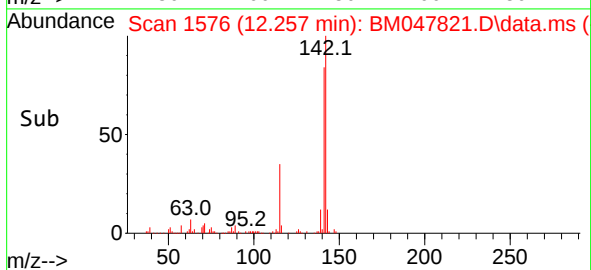
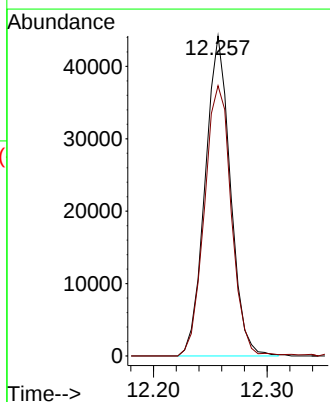
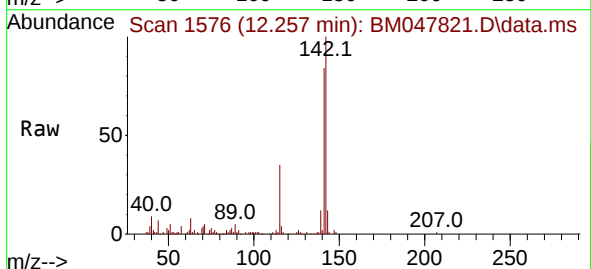
Manual Integrations
APPROVED

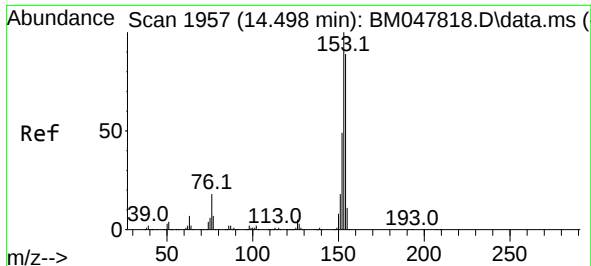
Reviewed By :Jagrut Upadhyay 10/04/2024
Supervised By :mohammad ahmed 10/06/2024



#36
2-Methylnaphthalene
Concen: 1.698 ng/ul
RT: 12.257 min Scan# 1576
Delta R.T. -0.012 min
Lab File: BM047821.D
Acq: 03 Oct 2024 23:54

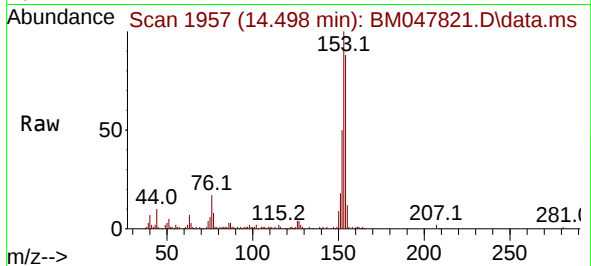
Tgt Ion:142 Resp: 68317
Ion Ratio Lower Upper
142 100
141 84.4 72.5 108.7





#52
Acenaphthene
Concen: 1.517 ng/ul
RT: 14.498 min Scan# 1957
Delta R.T. -0.012 min
Lab File: BM047821.D
Acq: 03 Oct 2024 23:54

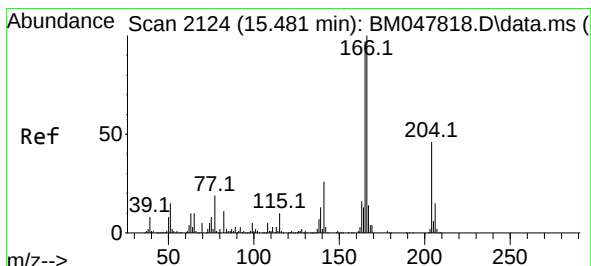
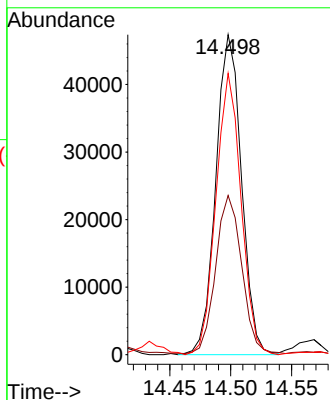
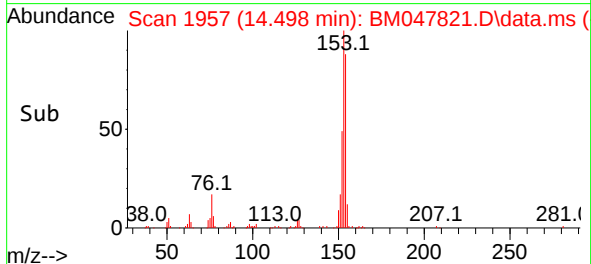
Instrument :
BNA_M
ClientSampleId :
DCYL9



Tgt Ion:153 Resp: 6968
Ion Ratio Lower Upper
153 100
152 49.7 39.7 59.5
154 87.9 72.6 108.8

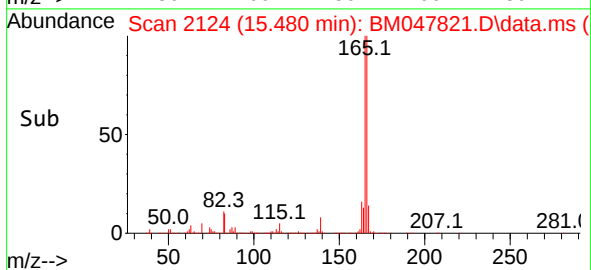
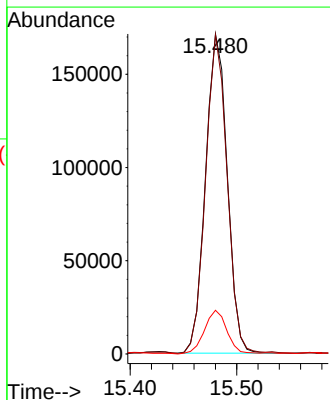
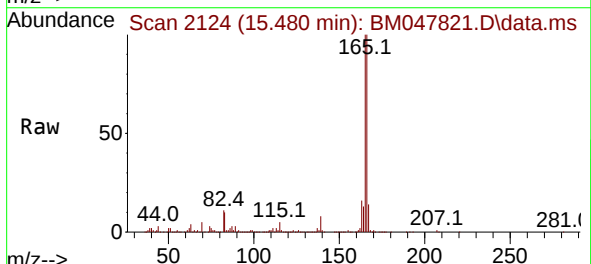
Manual Integrations
APPROVED

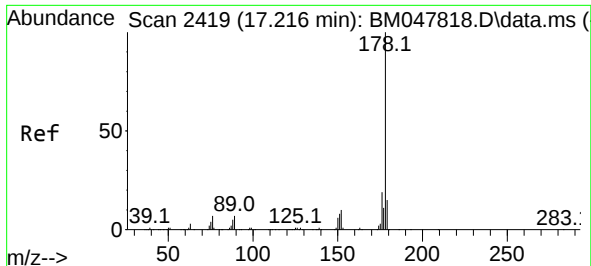
Reviewed By :Jagrut Upadhyay 10/04/2024
Supervised By :mohammad ahmed 10/06/2024



#61
Fluorene
Concen: 4.709 ng/ul
RT: 15.480 min Scan# 2124
Delta R.T. -0.012 min
Lab File: BM047821.D
Acq: 03 Oct 2024 23:54

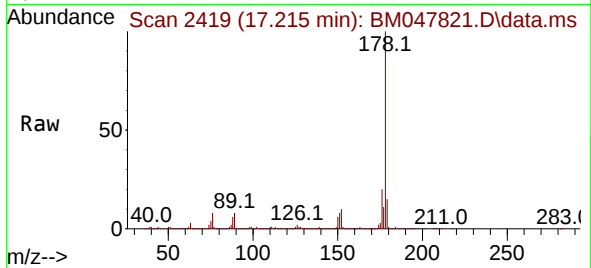
Tgt Ion:166 Resp: 242893
Ion Ratio Lower Upper
166 100
165 99.8 77.8 116.6
167 13.7 10.8 16.2





#72
Phenanthrene
Concen: 13.667 ng/ul
RT: 17.215 min Scan# 2419
Delta R.T. -0.012 min
Lab File: BM047821.D
Acq: 03 Oct 2024 23:54

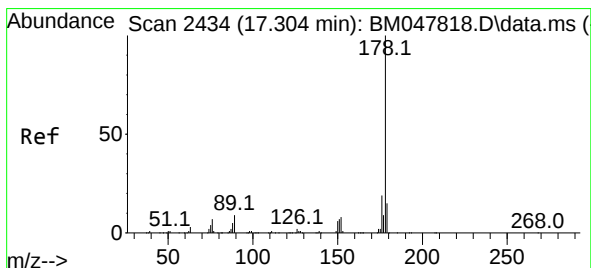
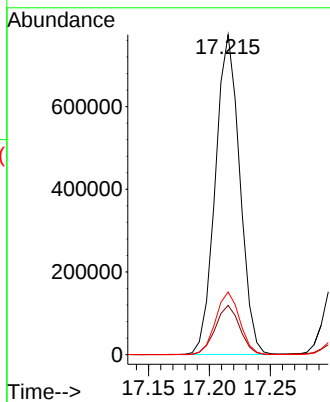
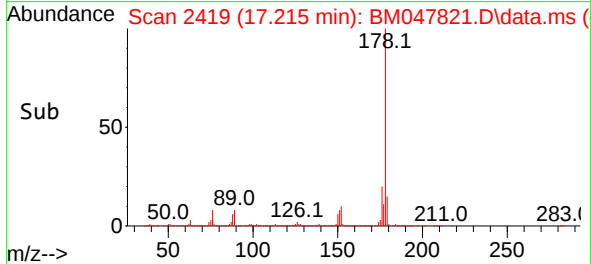
Instrument :
BNA_M
ClientSampleId :
DCYL9



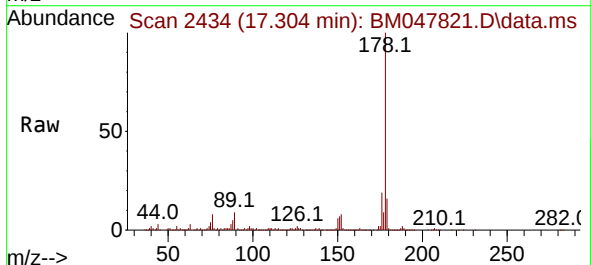
Tgt Ion:178 Resp: 1079980
Ion Ratio Lower Upper
178 100
179 15.4 12.0 18.0
176 19.6 15.4 23.0

Manual Integrations
APPROVED

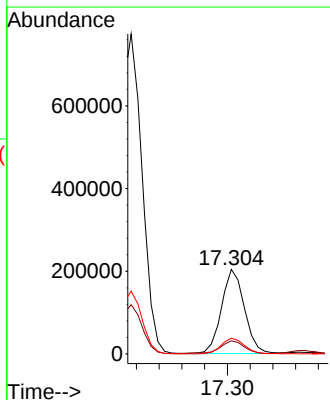
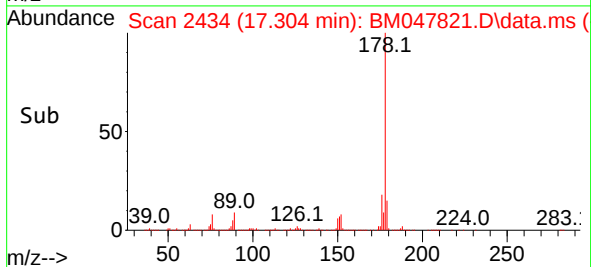
Reviewed By :Jagrut Upadhyay 10/04/2024
Supervised By :mohammad ahmed 10/06/2024

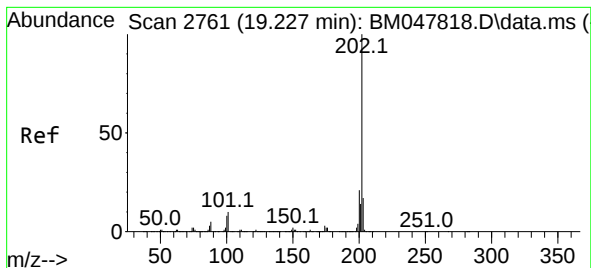


#74
Anthracene
Concen: 3.544 ng/ul
RT: 17.304 min Scan# 2434
Delta R.T. -0.012 min
Lab File: BM047821.D
Acq: 03 Oct 2024 23:54



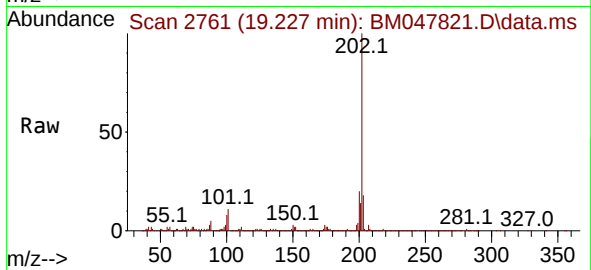
Tgt Ion:178 Resp: 285625
Ion Ratio Lower Upper
178 100
179 15.5 12.4 18.6
176 18.5 14.7 22.1





#80
Fluoranthene
Concen: 10.044 ng/ul
RT: 19.227 min Scan# 2761
Delta R.T. -0.012 min
Lab File: BM047821.D
Acq: 03 Oct 2024 23:54

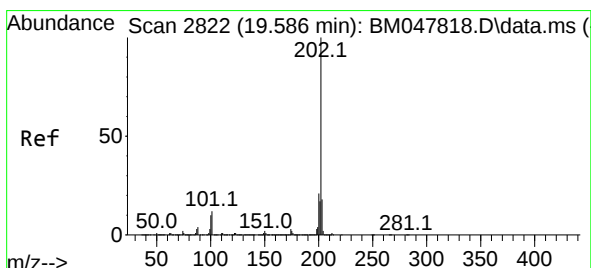
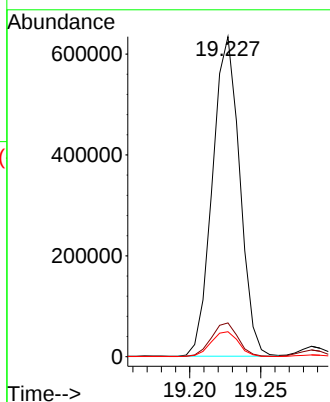
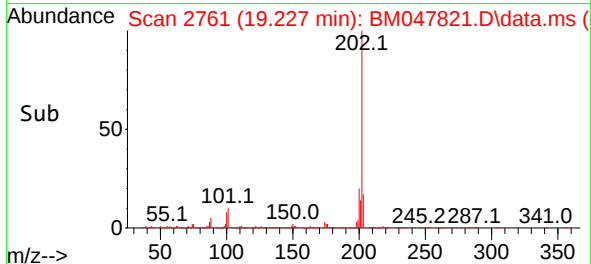
Instrument :
BNA_M
ClientSampleId :
DCYL9



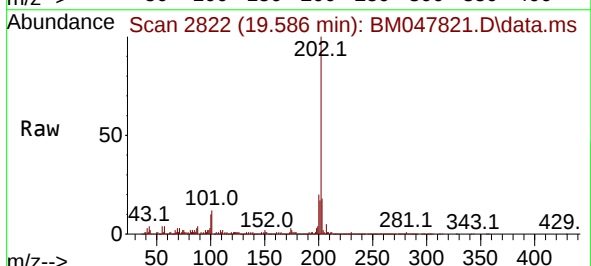
Tgt Ion:202 Resp: 848324
Ion Ratio Lower Upper
202 100
101 10.6 9.0 13.4
100 7.8 6.8 10.2

Manual Integrations
APPROVED

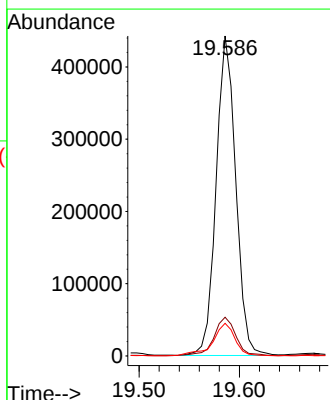
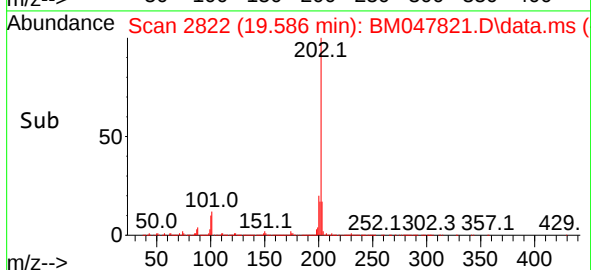
Reviewed By :Jagrut Upadhyay 10/04/2024
Supervised By :mohammad ahmed 10/06/2024

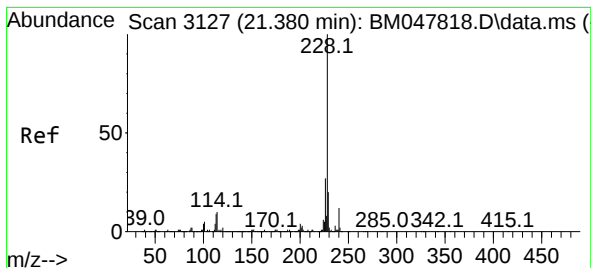


#82
Pyrene
Concen: 6.374 ng/ul
RT: 19.586 min Scan# 2822
Delta R.T. -0.012 min
Lab File: BM047821.D
Acq: 03 Oct 2024 23:54



Tgt Ion:202 Resp: 599182
Ion Ratio Lower Upper
202 100
101 12.1 10.9 16.3
100 10.2 9.4 14.2





#85

Benzo(a)anthracene

Concen: 3.333 ng/ul

RT: 21.380 min Scan# 3127

Delta R.T. -0.012 min

Lab File: BM047821.D

Acq: 03 Oct 2024 23:54

Instrument :

BNA_M

ClientSampleId :

DCYL9

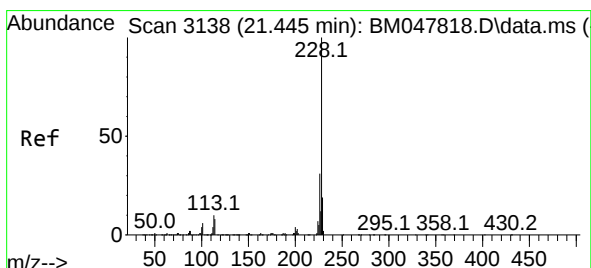
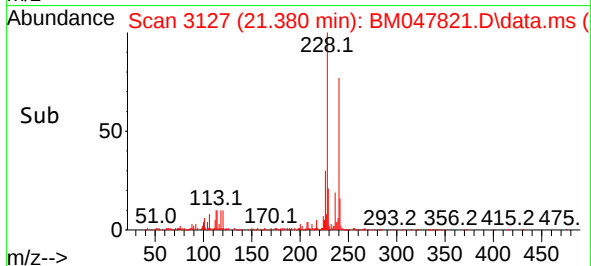
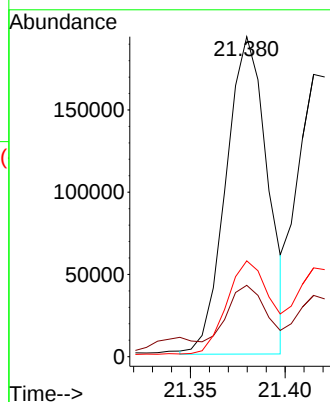
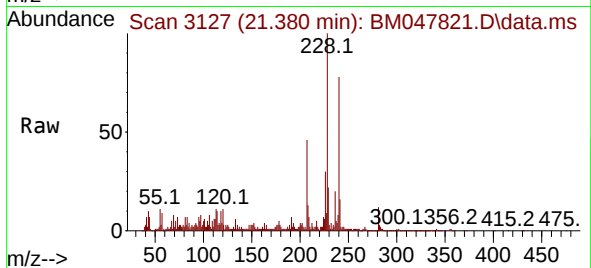
Tgt Ion:228 Resp: 29489

Ion	Ratio	Lower	Upper
228	100		
229	22.3	15.6	23.4
226	30.0	21.9	32.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/04/2024
Supervised By :mohammad ahmed 10/06/2024



#87

Chrysene

Concen: 7.426 ng/ul m

RT: 21.439 min Scan# 3137

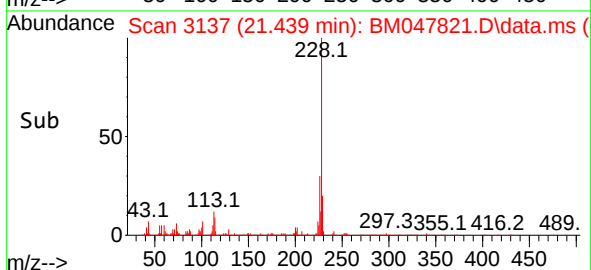
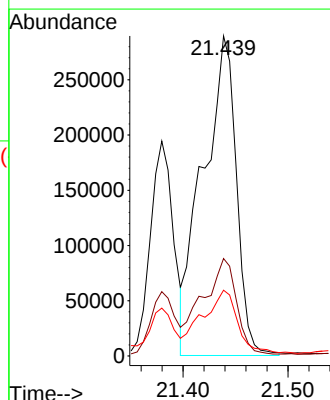
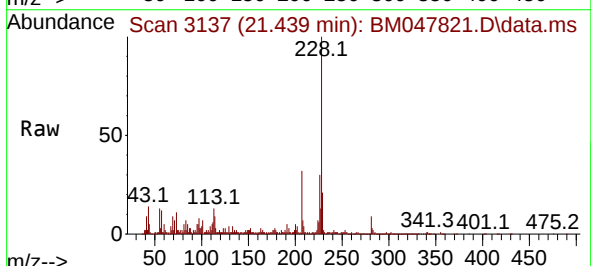
Delta R.T. -0.012 min

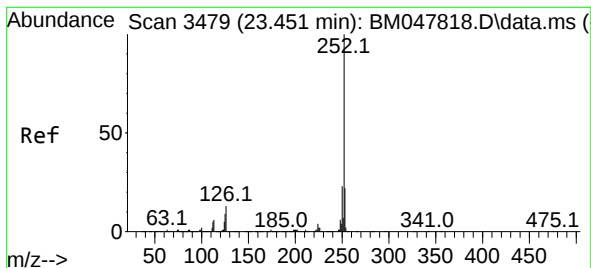
Lab File: BM047821.D

Acq: 03 Oct 2024 23:54

Tgt Ion:228 Resp: 640488

Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.6	35.4
229	20.6	15.3	22.9





#90

Benzo(b)fluoranthene

Concen: 10.838 ng/ul

RT: 23.450 min Scan# 3479

Delta R.T. -0.012 min

Lab File: BM047821.D

Acq: 03 Oct 2024 23:54

Instrument :

BNA_M

ClientSampleId :

DCYL9

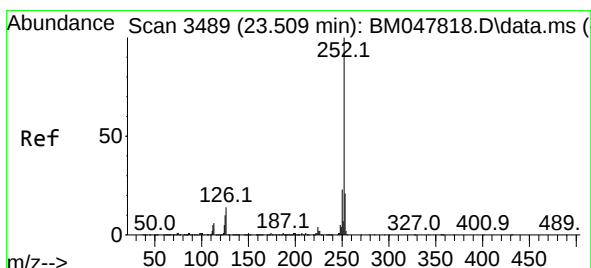
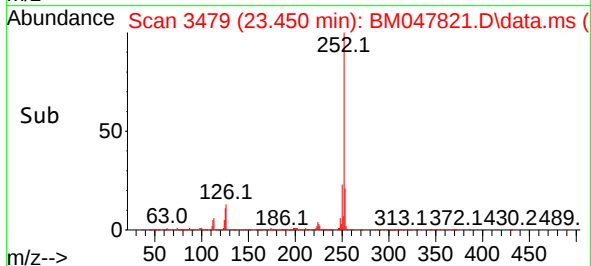
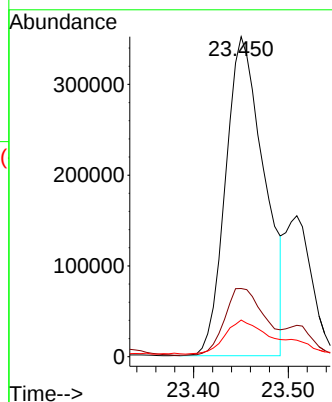
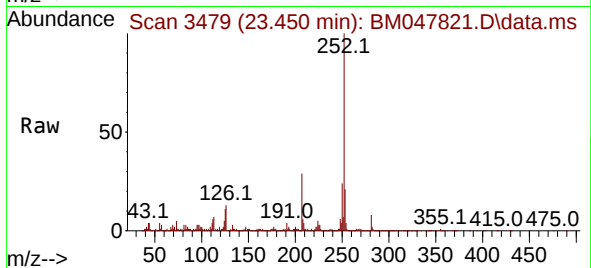
Tgt Ion:252 Resp: 99853

Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.4	26.2
125	11.4	9.0	13.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/04/2024
Supervised By :mohammad ahmed 10/06/2024



#91

Benzo(k)fluoranthene

Concen: 3.248 ng/ul m

RT: 23.509 min Scan# 3489

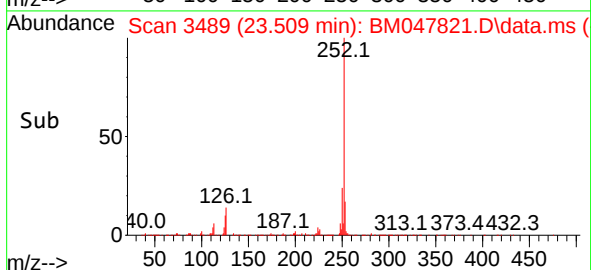
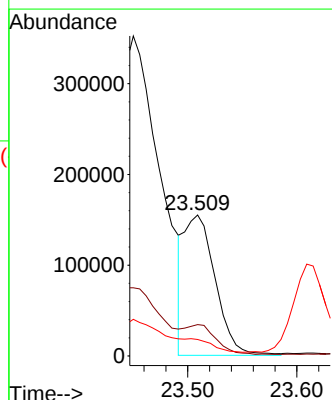
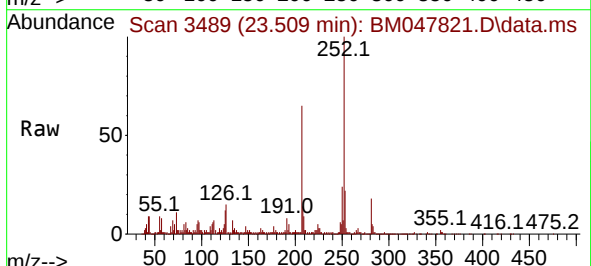
Delta R.T. -0.018 min

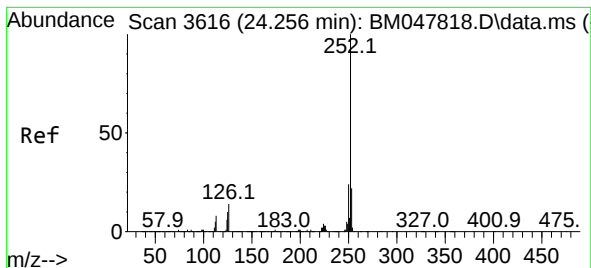
Lab File: BM047821.D

Acq: 03 Oct 2024 23:54

Tgt Ion:252 Resp: 305953

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	11.7	8.9	13.3





#93

Benzo(a)pyrene

Concen: 1.224 ng/ul

RT: 24.256 min Scan# 30

Delta R.T. -0.018 min

Lab File: BM047821.D

Acq: 03 Oct 2024 23:54

Instrument :

BNA_M

ClientSampleId :

DCYL9

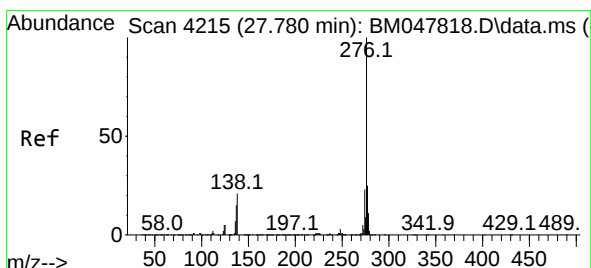
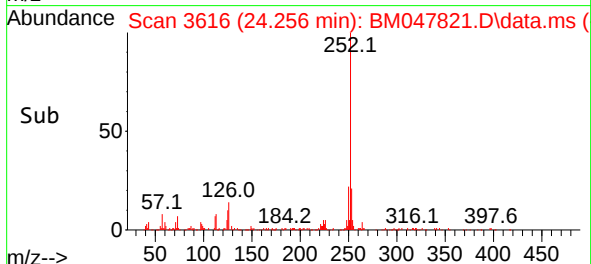
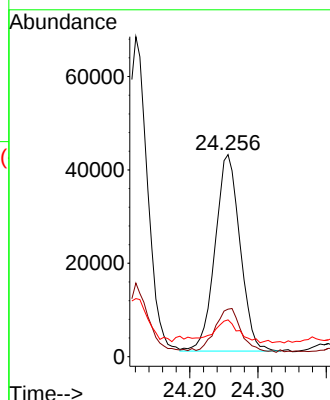
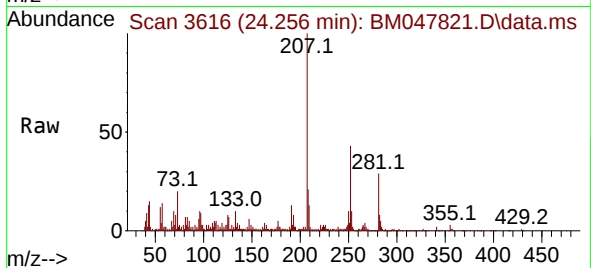
Tgt Ion:252 Resp: 107129

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.2	25.8
125	18.2	10.1	15.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/04/2024
Supervised By :mohammad ahmed 10/06/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 1.429 ng/ul

RT: 27.773 min Scan# 4214

Delta R.T. -0.036 min

Lab File: BM047821.D

Acq: 03 Oct 2024 23:54

Tgt Ion:276 Resp: 160266

Ion	Ratio	Lower	Upper
276	100		
138	22.5	16.9	25.3
277	24.9	18.9	28.3

