

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
 Data File : BM048057.D
 Acq On : 15 Oct 2024 10:42
 Operator : RC/JU
 Sample : P4238-13
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4EZ5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/16/2024
 Supervised By :mohammad ahmed 10/17/2024

Quant Time: Oct 15 23:23:56 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 10 05:10:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	241041	20.000	ng/u1	0.00
20) Naphthalene-d8	10.575	136	940671	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.421	164	566896	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.162	188	1207713	20.000	ng/u1	0.00
79) Chrysene-d12	21.392	240	1168819	20.000	ng/u1	0.00
88) Perylene-d12	24.391	264	1389109	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	7756	1.040	ng/uL	0.00
4) Pyridine-d5	3.669	84	13274	0.608	ng/u1	0.01
7) Phenol-d5	6.963	99	120790	5.299	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.116	67	79004	4.885	ng/u1	0.00
11) 2-Chlorophenol-d4	7.322	132	114029	6.876	ng/u1	0.00
15) 4-Methylphenol-d8	8.498	113	70620	4.167	ng/u1	0.00
21) Nitrobenzene-d5	8.939	128	51908	6.931	ng/u1	0.00
24) 2-Nitrophenol-d4	9.663	143	56636	7.891	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.210	165	99857	6.965	ng/u1	0.00
31) 4-Chloroaniline-d4	10.722	131	39632m	1.788	ng/u1	0.00
46) Dimethylphthalate-d6	13.827	166	308678	7.510	ng/u1	0.00
49) Acenaphthylene-d8	14.116	160	386514	7.932	ng/u1	0.00
54) 4-Nitrophenol-d4	14.645	143	28233	3.450	ng/u1	0.02
60) Fluorene-d10	15.416	176	303380	8.522	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.539	200	12845	1.818	ng/u1	0.00
73) Anthracene-d10	17.262	188	495442	8.343	ng/u1	0.00
81) Pyrene-d10	19.551	212	548860	8.274	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.186	264	422271	5.859	ng/u1	0.02
Target Compounds						
					Qvalue	
72) Phenanthrene	17.204	178	515504	7.279	ng/u1	100
74) Anthracene	17.298	178	108201	1.498	ng/u1	100
80) Fluoranthene	19.221	202	1396675	17.877	ng/u1	97
82) Pyrene	19.580	202	997994	11.477	ng/u1	96
85) Benzo(a)anthracene	21.374	228	600554	7.338	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.292	149	208396	4.515	ng/u1#	97
87) Chrysene	21.433	228	709970	8.899	ng/u1	97
90) Benzo(b)fluoranthene	23.444	252	1060079	12.237	ng/u1	98
91) Benzo(k)fluoranthene	23.497	252	332224m	3.751	ng/u1	
93) Benzo(a)pyrene	24.244	252	362900	4.411	ng/u1	93
94) Indeno(1,2,3-cd)pyrene	27.768	276	382016	3.623	ng/u1	99
95) Dibenzo(a,h)anthracene	27.821	278	126493	1.464	ng/u1#	90

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

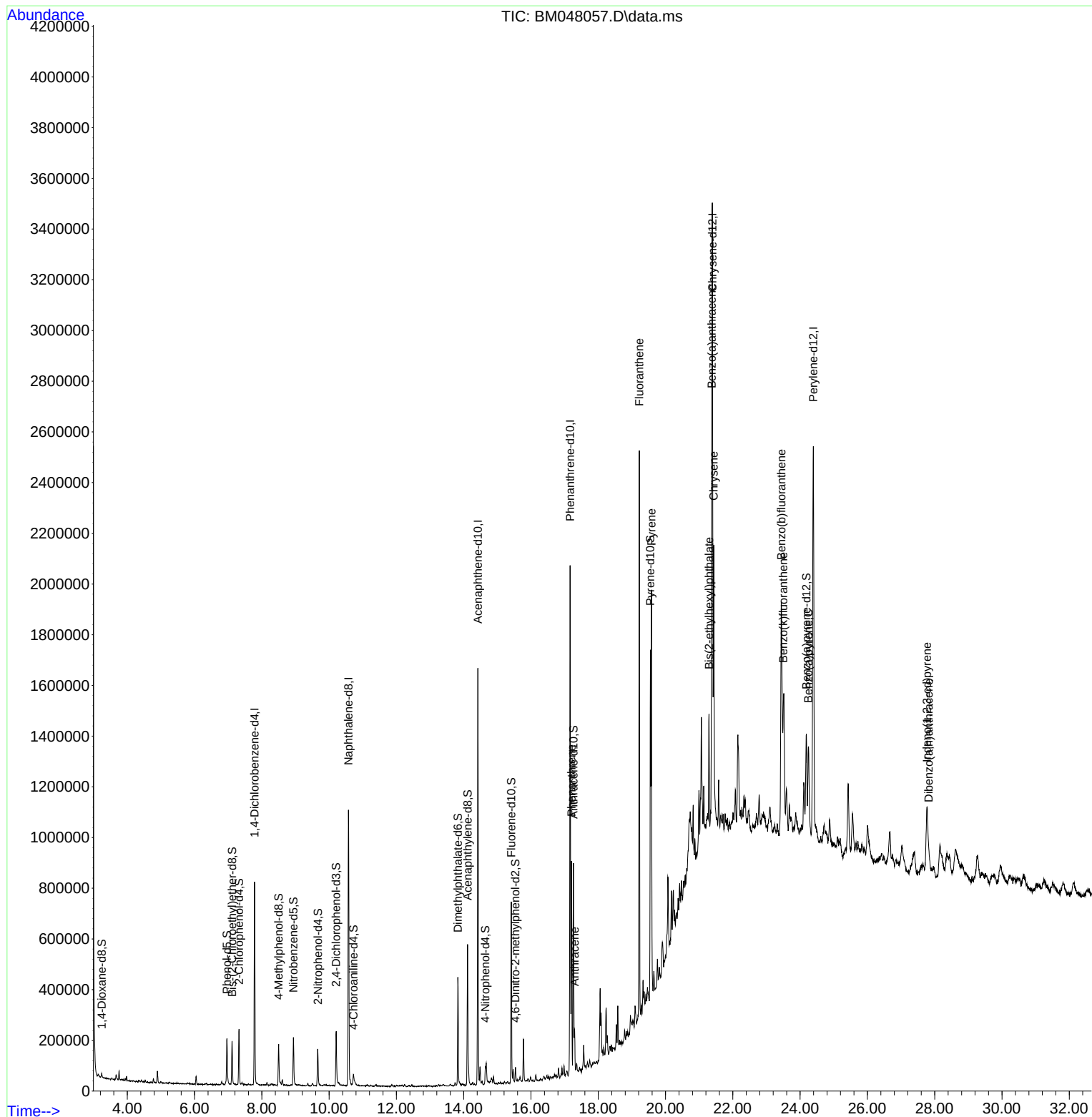
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
Data File : BM048057.D
Acq On : 15 Oct 2024 10:42
Operator : RC/JU
Sample : P4238-13
Misc :
ALS Vial : 35 Sample Multiplier: 1

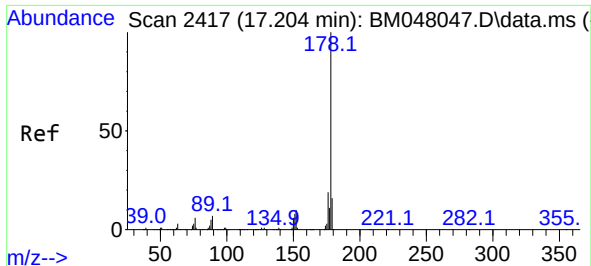
Instrument :
BNA_M
ClientSampleId :
A4EZ5

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/17/2024

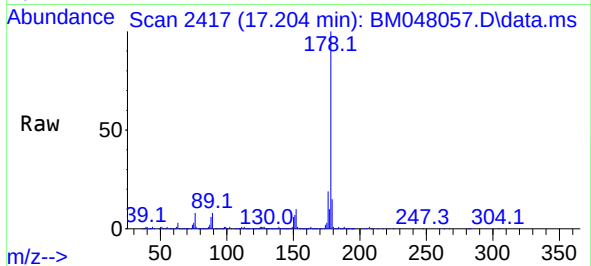
Quant Time: Oct 15 23:23:56 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 10 05:10:14 2024
Response via : Initial Calibration





#72
Phenanthrene
Concen: 7.279 ng/u1
RT: 17.204 min Scan# 2417
Delta R.T. 0.000 min
Lab File: BM048057.D
Acq: 15 Oct 2024 10:42

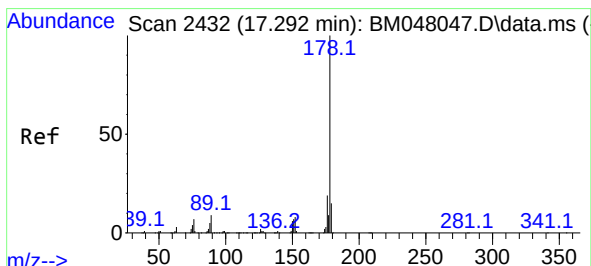
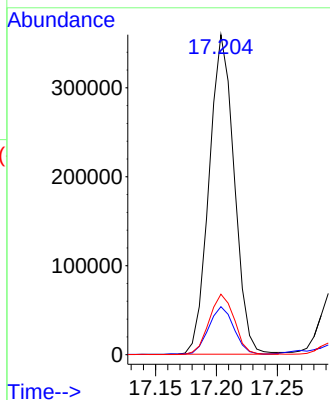
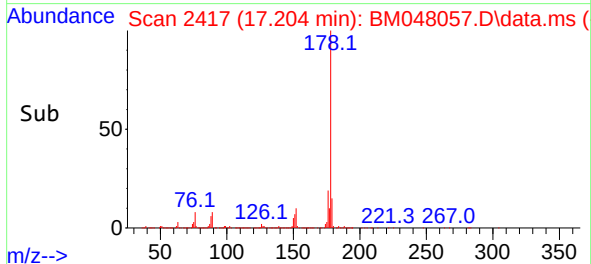
Instrument :
BNA_M
ClientSampleId :
A4EZ5



Tgt Ion:178 Resp: 515504
Ion Ratio Lower Upper
178 100
179 15.0 12.0 18.0
176 18.9 15.4 23.0

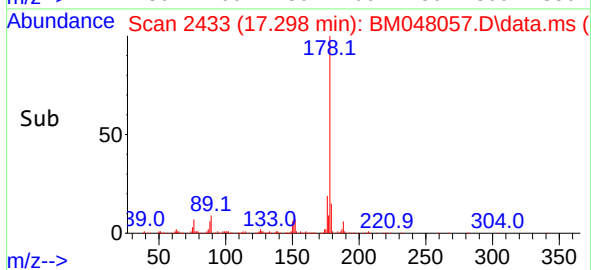
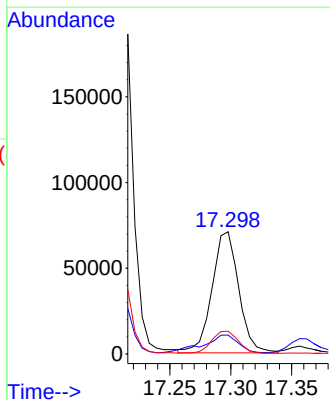
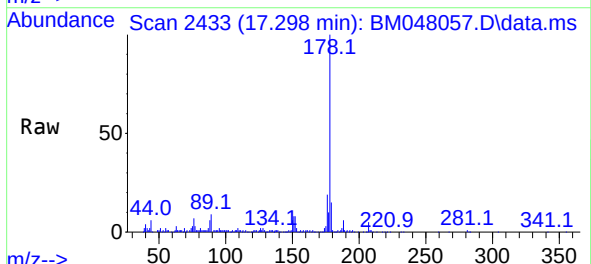
Manual Integrations
APPROVED

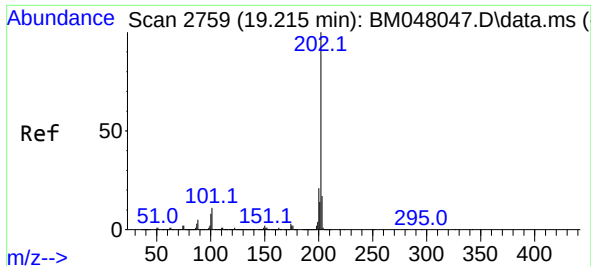
Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/17/2024



#74
Anthracene
Concen: 1.498 ng/u1
RT: 17.298 min Scan# 2433
Delta R.T. 0.006 min
Lab File: BM048057.D
Acq: 15 Oct 2024 10:42

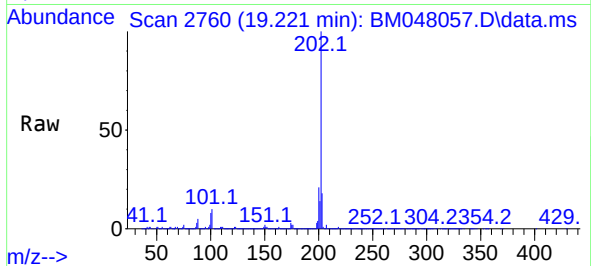
Tgt Ion:178 Resp: 108201
Ion Ratio Lower Upper
178 100
179 15.4 12.4 18.6
176 18.7 14.7 22.1





#80
Fluoranthene
Concen: 17.877 ng/ul
RT: 19.221 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM048057.D
Acq: 15 Oct 2024 10:42

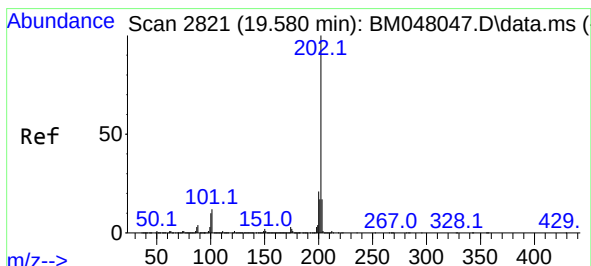
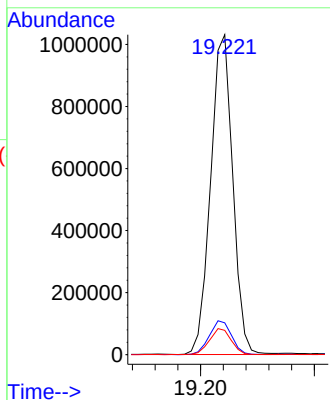
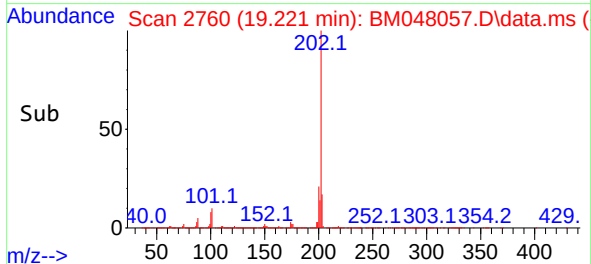
Instrument :
BNA_M
ClientSampleId :
A4EZ5



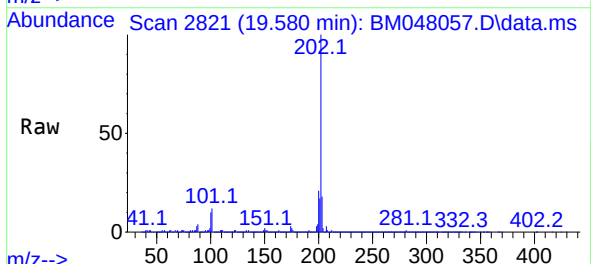
Tgt Ion:202 Resp: 139667
Ion Ratio Lower Upper
202 100
101 10.0 9.0 13.4
100 7.6 6.8 10.2

Manual Integrations
APPROVED

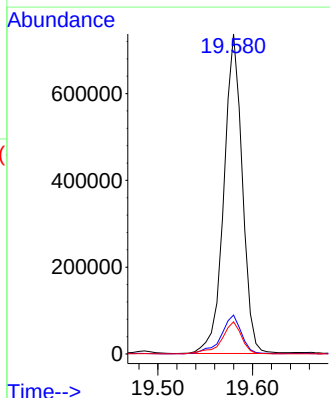
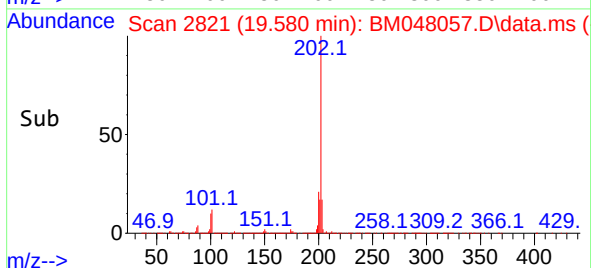
Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/17/2024

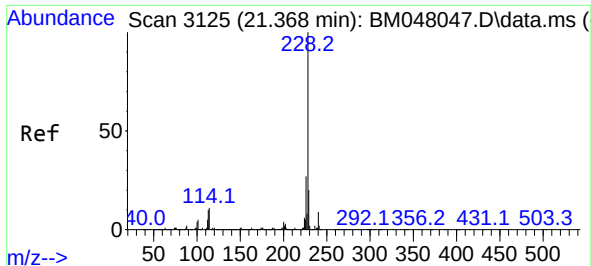


#82
Pyrene
Concen: 11.477 ng/ul
RT: 19.580 min Scan# 2821
Delta R.T. 0.006 min
Lab File: BM048057.D
Acq: 15 Oct 2024 10:42



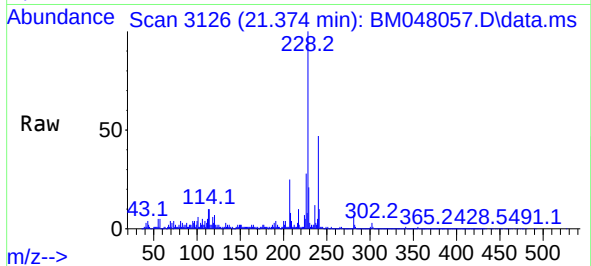
Tgt Ion:202 Resp: 997994
Ion Ratio Lower Upper
202 100
101 12.1 10.9 16.3
100 10.0 9.4 14.2





#85
Benzo(a)anthracene
Concen: 7.338 ng/u1
RT: 21.374 min Scan# 3125
Delta R.T. 0.006 min
Lab File: BM048057.D
Acq: 15 Oct 2024 10:42

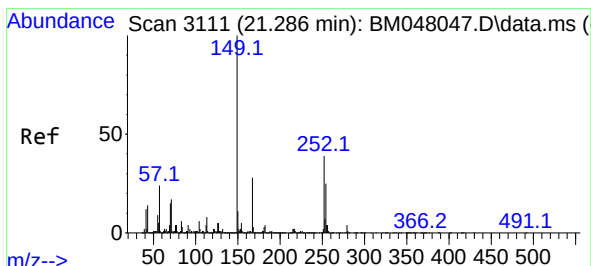
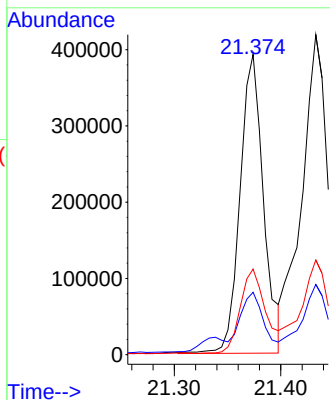
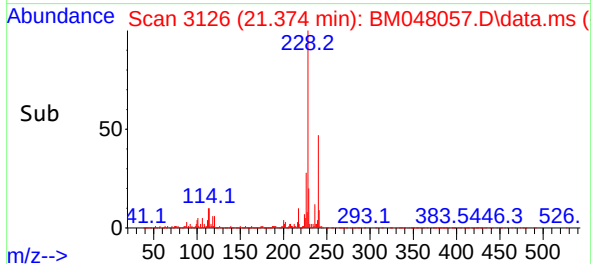
Instrument :
BNA_M
ClientSampleId :
A4EZ5



Tgt Ion:228 Resp: 600554
Ion Ratio Lower Upper
228 100
229 20.8 15.6 23.4
226 28.5 21.9 32.9

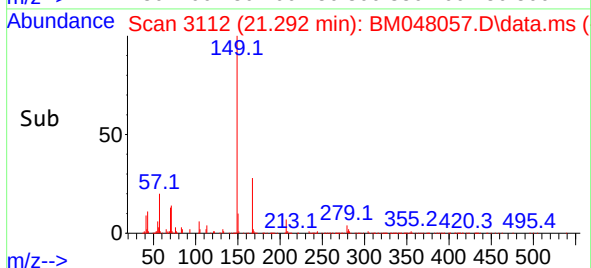
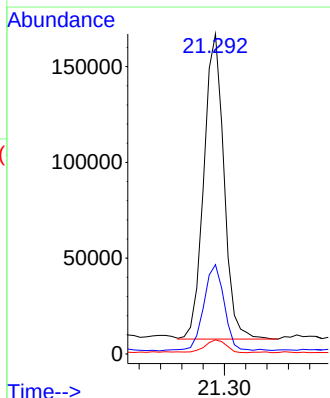
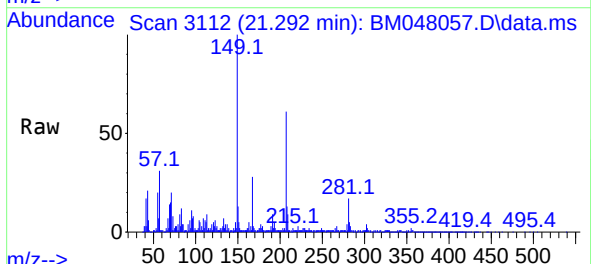
Manual Integrations
APPROVED

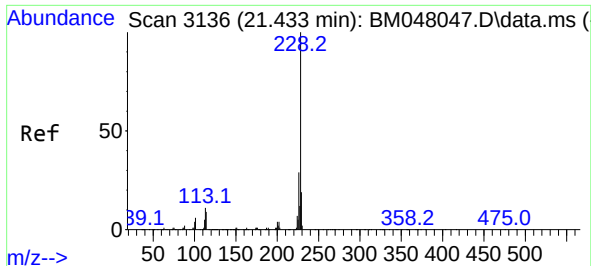
Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/17/2024



#86
Bis(2-ethylhexyl)phthalate
Concen: 4.515 ng/u1
RT: 21.292 min Scan# 3112
Delta R.T. 0.006 min
Lab File: BM048057.D
Acq: 15 Oct 2024 10:42

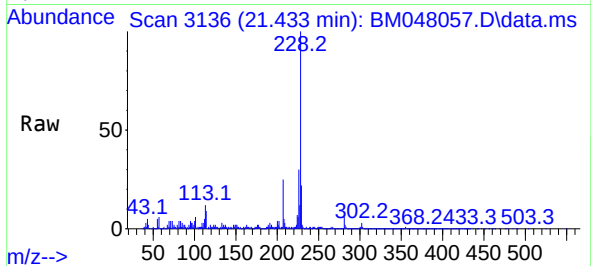
Tgt Ion:149 Resp: 208396
Ion Ratio Lower Upper
149 100
167 27.9 21.3 31.9
279 4.4 2.7 4.1#





#87
Chrysene
Concen: 8.899 ng/u1
RT: 21.433 min Scan# 3136
Delta R.T. 0.006 min
Lab File: BM048057.D
Acq: 15 Oct 2024 10:42

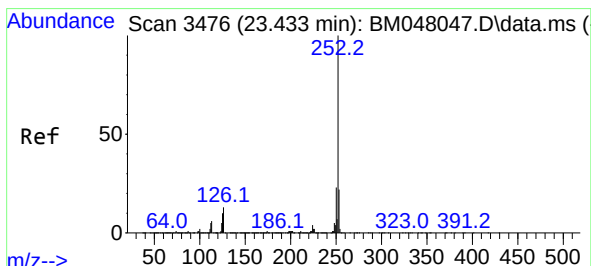
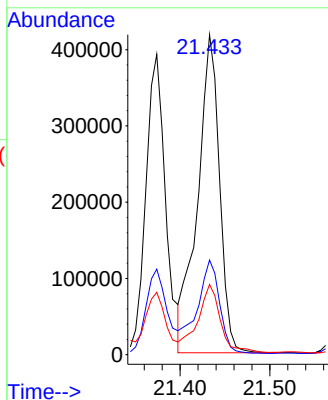
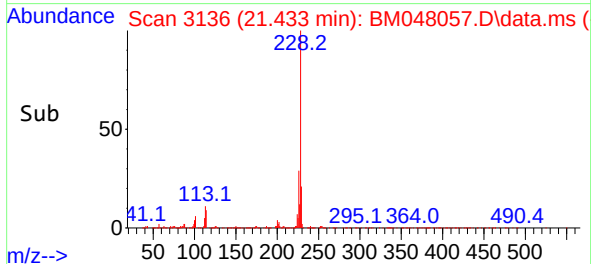
Instrument :
BNA_M
ClientSampleId :
A4EZ5



Tgt Ion:228 Resp: 709970
Ion Ratio Lower Upper
228 100
226 29.6 23.6 35.4
229 21.9 15.3 22.9

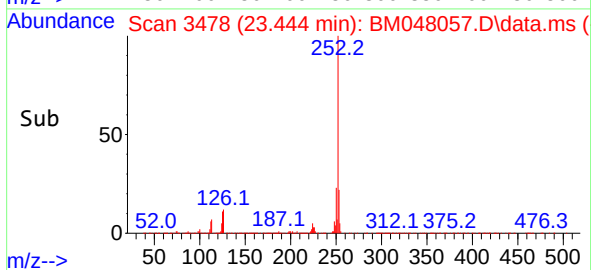
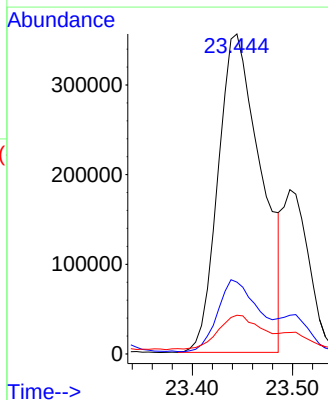
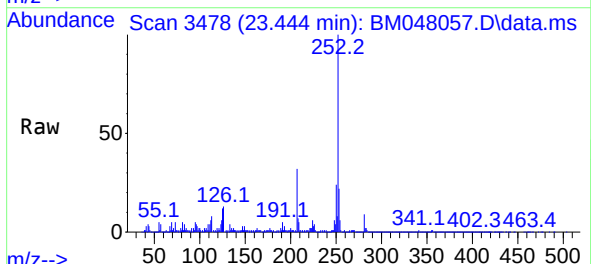
Manual Integrations
APPROVED

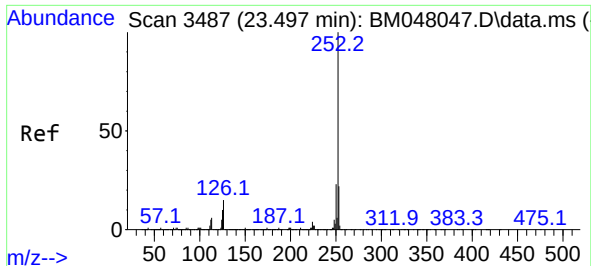
Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/17/2024



#90
Benzo(b)fluoranthene
Concen: 12.237 ng/u1
RT: 23.444 min Scan# 3478
Delta R.T. 0.018 min
Lab File: BM048057.D
Acq: 15 Oct 2024 10:42

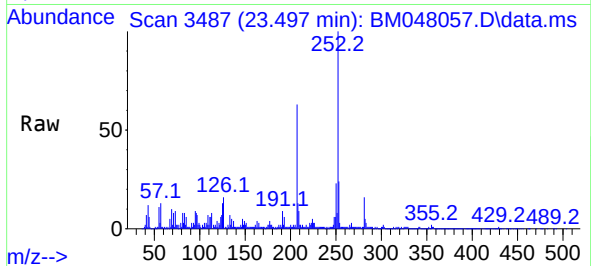
Tgt Ion:252 Resp: 1060079
Ion Ratio Lower Upper
252 100
253 22.5 17.4 26.2
125 12.1 9.0 13.4





#91
Benzo(k)fluoranthene
Concen: 3.751 ng/ul m
RT: 23.497 min Scan# 3487
Delta R.T. 0.012 min
Lab File: BM048057.D
Acq: 15 Oct 2024 10:42

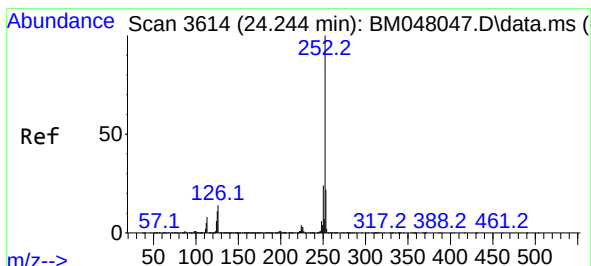
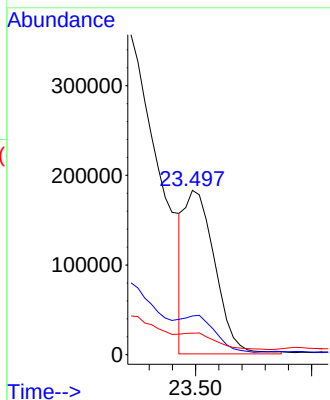
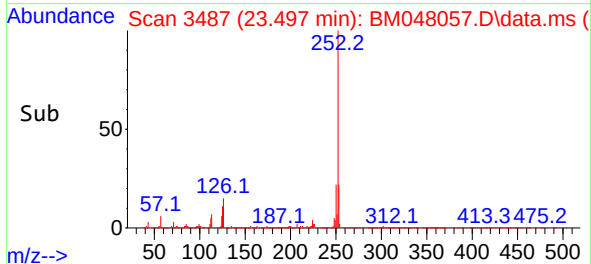
Instrument :
BNA_M
ClientSampleId :
A4EZ5



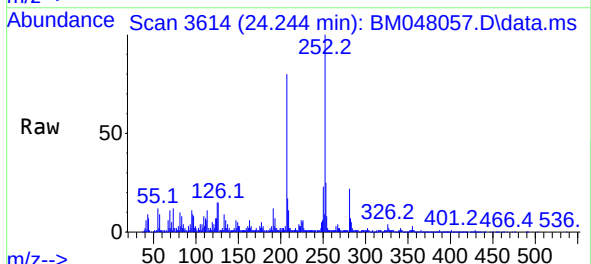
Tgt Ion:252 Resp: 332224
Ion Ratio Lower Upper
252 100
253 23.6 17.5 26.3
125 13.1 8.9 13.3

Manual Integrations
APPROVED

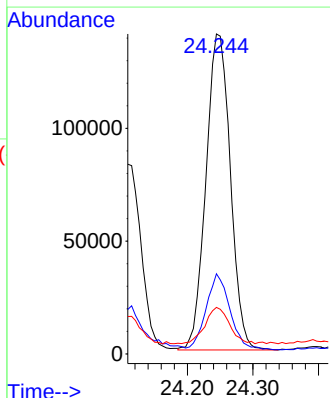
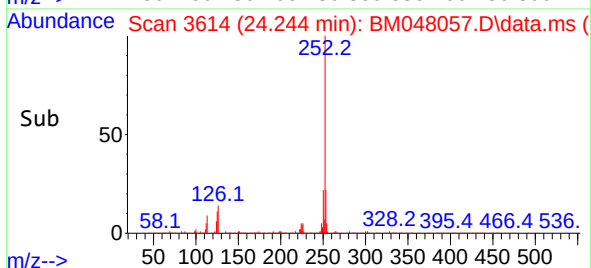
Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/17/2024

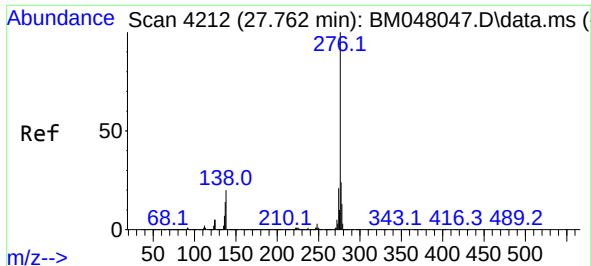


#93
Benzo(a)pyrene
Concen: 4.411 ng/ul
RT: 24.244 min Scan# 3614
Delta R.T. 0.012 min
Lab File: BM048057.D
Acq: 15 Oct 2024 10:42



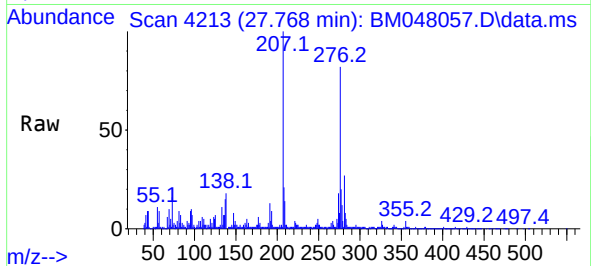
Tgt Ion:252 Resp: 362900
Ion Ratio Lower Upper
252 100
253 25.1 17.2 25.8
125 14.6 10.1 15.1





#94
Indeno(1,2,3-cd)pyrene
Concen: 3.623 ng/ul
RT: 27.768 min Scan# 4212
Delta R.T. 0.024 min
Lab File: BM048057.D
Acq: 15 Oct 2024 10:42

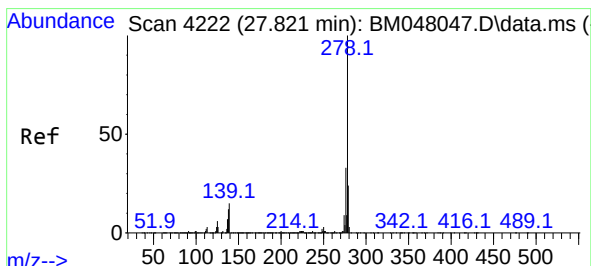
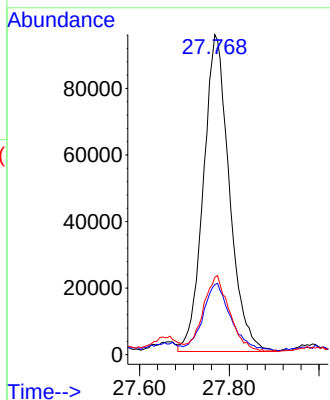
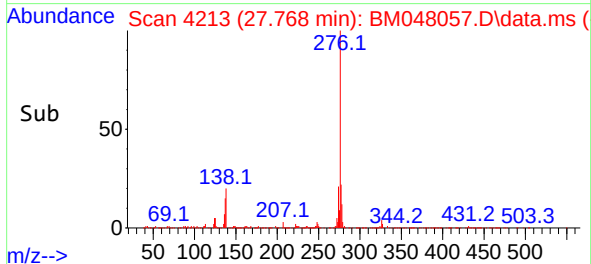
Instrument :
BNA_M
ClientSampleId :
A4EZ5



Tgt Ion:276 Resp: 382010
Ion Ratio Lower Upper
276 100
138 21.9 16.9 25.3
277 24.2 18.9 28.3

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/17/2024



#95
Dibenzo(a,h)anthracene
Concen: 1.464 ng/ul
RT: 27.821 min Scan# 4222
Delta R.T. 0.024 min
Lab File: BM048057.D
Acq: 15 Oct 2024 10:42

Tgt Ion:278 Resp: 126493
Ion Ratio Lower Upper
278 100
139 20.3 13.4 20.2#
279 28.7 18.4 27.6#

