

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101124\
 Data File : BM048019.D
 Acq On : 11 Oct 2024 20:34
 Operator : RC/JU
 Sample : P4237-10
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4F24

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/14/2024
 Supervised By :mohammad ahmed 10/15/2024

Quant Time: Oct 12 00:49:22 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	226141	20.000	ng/u1	0.00
20) Naphthalene-d8	10.575	136	899923	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.416	164	555400	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.157	188	1178203	20.000	ng/u1	0.00
79) Chrysene-d12	21.380	240	1115308	20.000	ng/u1	0.00
88) Perylene-d12	24.368	264	1302288	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	9997	1.429	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.957	99	144482	6.757	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.110	67	96206	6.340	ng/u1	0.00
11) 2-Chlorophenol-d4	7.316	132	134504	8.645	ng/u1	0.00
15) 4-Methylphenol-d8	8.493	113	91068	5.728	ng/u1	0.00
21) Nitrobenzene-d5	8.940	128	61454	8.577	ng/u1	0.00
24) 2-Nitrophenol-d4	9.657	143	62198	9.058	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.204	165	112944	8.234	ng/u1	0.00
31) 4-Chloroaniline-d4	10.716	131	48277	2.277	ng/u1	0.00
46) Dimethylphthalate-d6	13.827	166	348988	8.667	ng/u1	0.00
49) Acenaphthylene-d8	14.110	160	430121	9.009	ng/u1	0.00
54) 4-Nitrophenol-d4	14.633	143	21659	2.702	ng/u1	0.01
60) Fluorene-d10	15.410	176	330817	9.485	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.527	200	15122	2.193	ng/u1	0.00
73) Anthracene-d10	17.257	188	508047	8.769	ng/u1	0.00
81) Pyrene-d10	19.545	212	598606	9.457	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.162	264	486610	7.202	ng/u1	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.604	105	37255	1.369	ng/u1	92
72) Phenanthrene	17.198	178	343457	4.971	ng/u1	99
74) Anthracene	17.286	178	70495	1.000	ng/u1	98
80) Fluoranthene	19.209	202	862411	11.568	ng/u1	100
82) Pyrene	19.574	202	699280	8.428	ng/u1	96
85) Benzo(a)anthracene	21.362	228	381929	4.891	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.286	149	152009	3.451	ng/u1#	98
87) Chrysene	21.427	228	459815	6.040	ng/u1	97
90) Benzo(b)fluoranthene	23.427	252	668402	8.230	ng/u1	98
91) Benzo(k)fluoranthene	23.480	252	218892m	2.636	ng/u1	
93) Benzo(a)pyrene	24.227	252	272116	3.528	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	27.738	276	266199	2.693	ng/u1	96
95) Dibenzo(a,h)anthracene	27.785	278	83155	1.027	ng/u1#	86

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

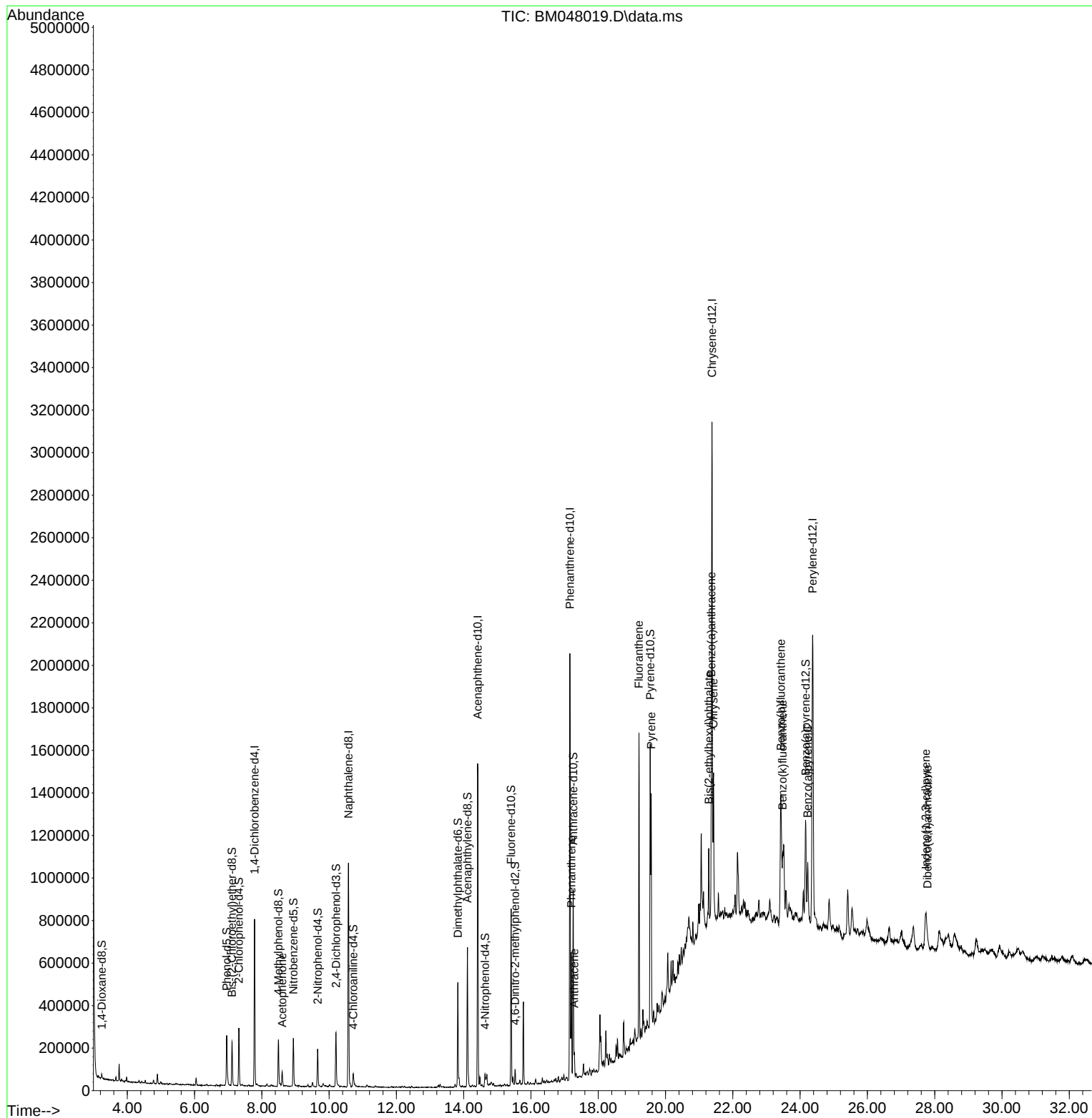
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101124\
Data File : BM048019.D
Acq On : 11 Oct 2024 20:34
Operator : RC/JU
Sample : P4237-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

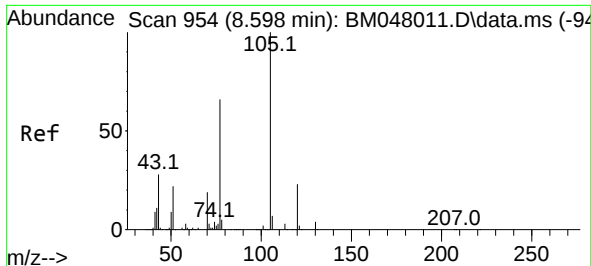
Instrument :
BNA_M
ClientSampleId :
A4F24

Quant Time: Oct 12 00:49:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
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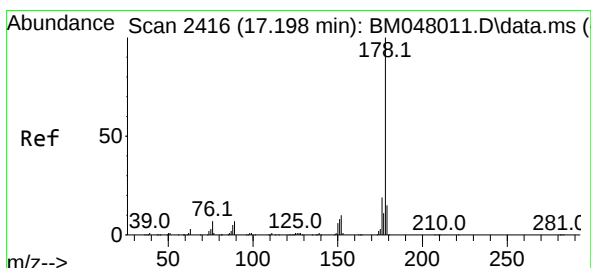
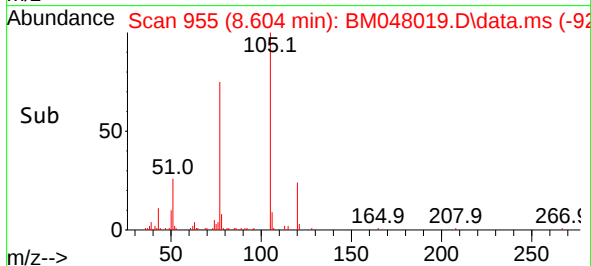
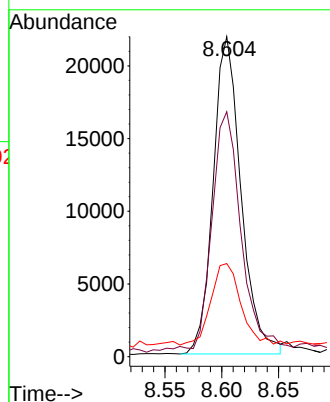
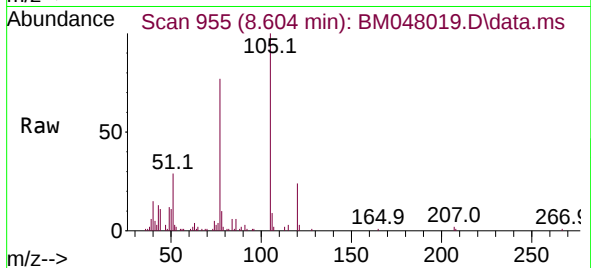
#16
Acetophenone
Concen: 1.369 ng/ul
RT: 8.604 min Scan# 911
Delta R.T. -0.006 min
Lab File: BM048019.D
Acq: 11 Oct 2024 20:34

Instrument :
BNA_M
ClientSampleId :
A4F24

Tgt Ion:105 Resp: 3725
Ion Ratio Lower Upper
105 100
77 76.6 66.6 100.0
51 29.1 27.0 40.4

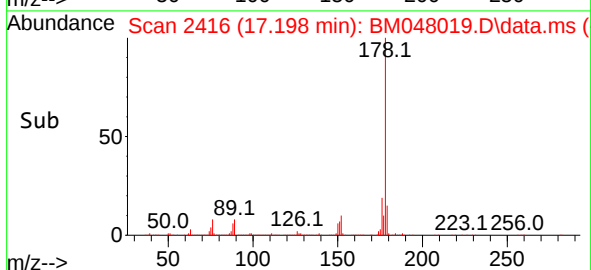
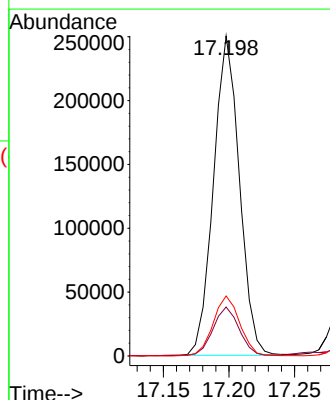
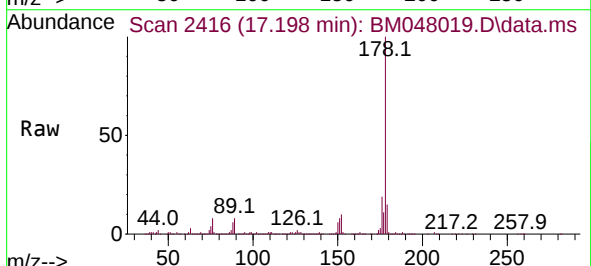
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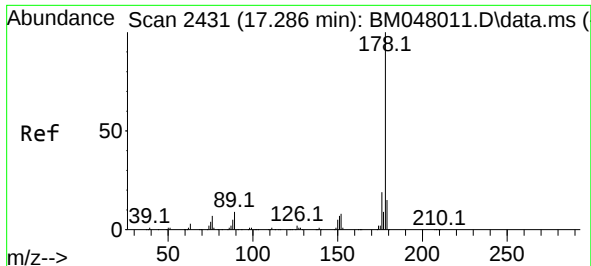
Reviewed By :Jagrut Upadhyay 10/14/2024
Supervised By :mohammad ahmed 10/15/2024



#72
Phenanthrene
Concen: 4.971 ng/ul
RT: 17.198 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BM048019.D
Acq: 11 Oct 2024 20:34

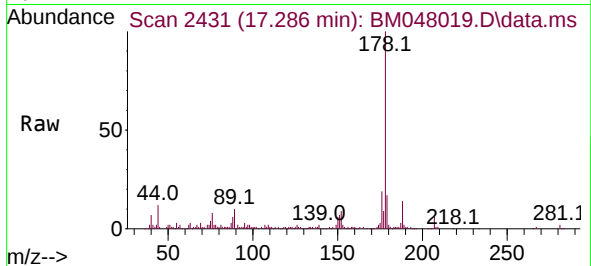
Tgt Ion:178 Resp: 343457
Ion Ratio Lower Upper
178 100
179 15.3 12.0 18.0
176 18.8 15.4 23.0





#74
 Anthracene
 Concen: 1.000 ng/ul
 RT: 17.286 min Scan# 2431
 Delta R.T. -0.006 min
 Lab File: BM048019.D
 Acq: 11 Oct 2024 20:34

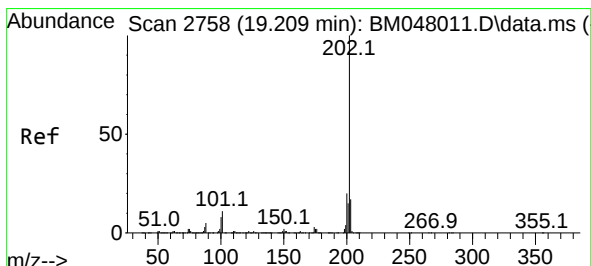
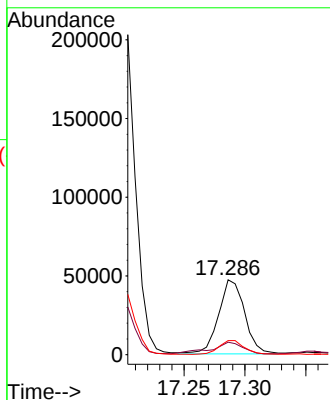
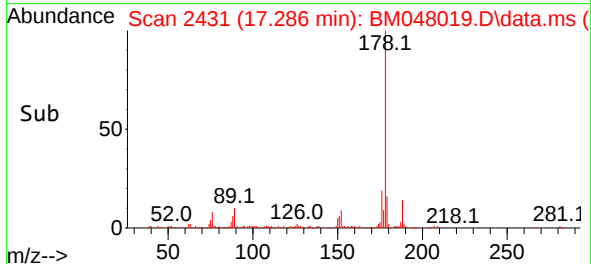
Instrument :
 BNA_M
 ClientSampleId :
 A4F24



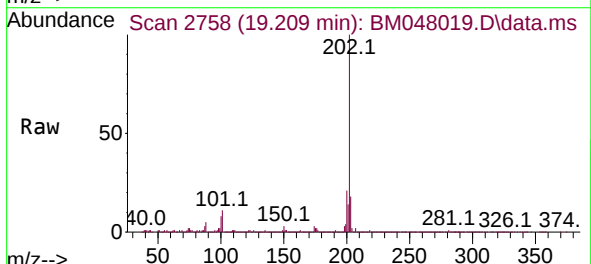
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 Ion Ratio Lower Upper
 178 100
 179 16.8 12.4 18.6
 176 18.7 14.7 22.1

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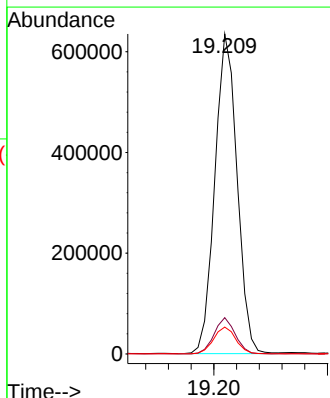
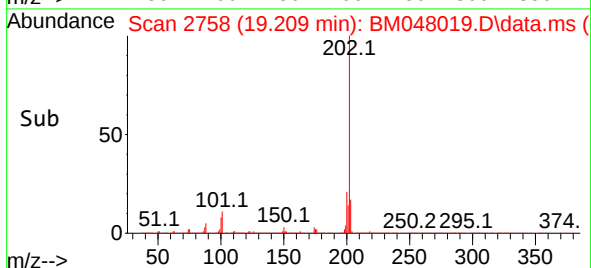
Reviewed By :Jagrut Upadhyay 10/14/2024
 Supervised By :mohammad ahmed 10/15/2024

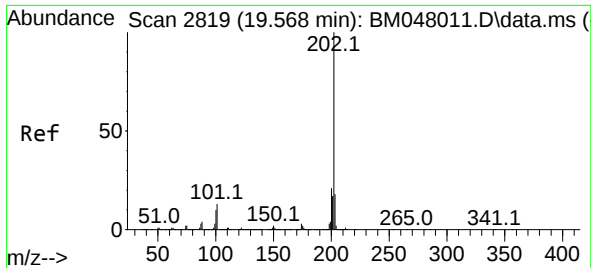


#80
 Fluoranthene
 Concen: 11.568 ng/ul
 RT: 19.209 min Scan# 2758
 Delta R.T. -0.006 min
 Lab File: BM048019.D
 Acq: 11 Oct 2024 20:34



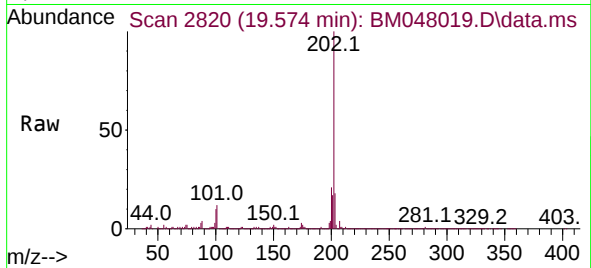
Tgt Ion:202 Resp: 862411
 Ion Ratio Lower Upper
 202 100
 101 11.4 9.0 13.4
 100 8.4 6.8 10.2





#82
 Pyrene
 Concen: 8.428 ng/ul
 RT: 19.574 min Scan# 2819
 Delta R.T. 0.000 min
 Lab File: BM048019.D
 Acq: 11 Oct 2024 20:34

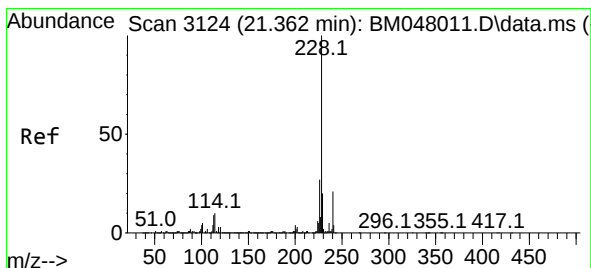
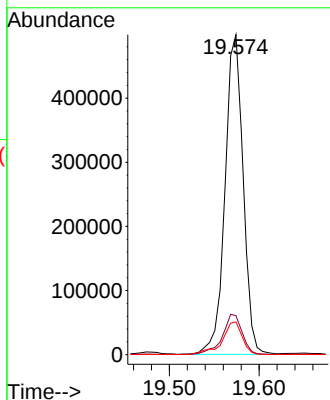
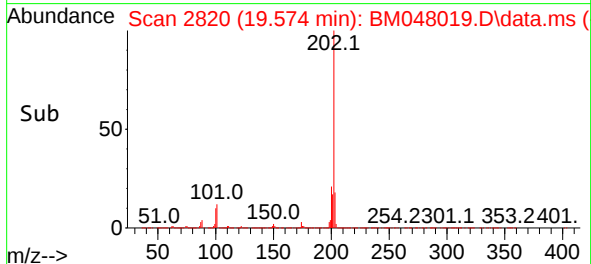
Instrument :
 BNA_M
 ClientSampleId :
 A4F24



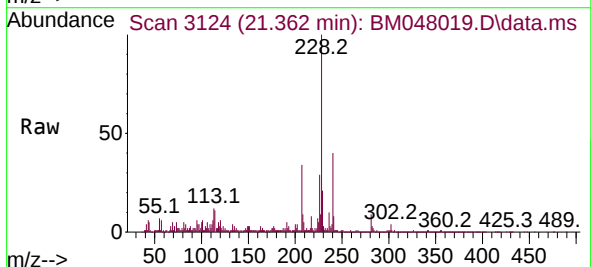
Tgt Ion:202 Resp: 699280
 Ion Ratio Lower Upper
 202 100
 101 12.2 10.9 16.3
 100 10.3 9.4 14.2

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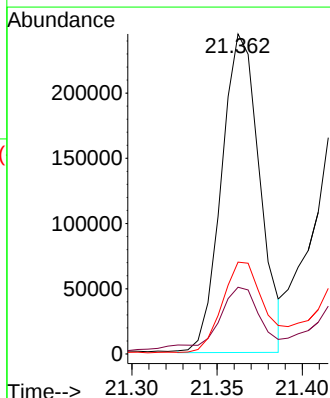
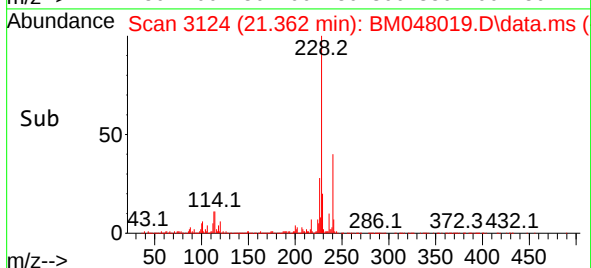
Reviewed By :Jagrut Upadhyay 10/14/2024
 Supervised By :mohammad ahmed 10/15/2024

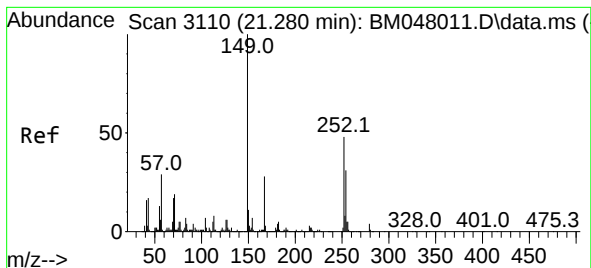


#85
 Benzo(a)anthracene
 Concen: 4.891 ng/ul
 RT: 21.362 min Scan# 3124
 Delta R.T. -0.006 min
 Lab File: BM048019.D
 Acq: 11 Oct 2024 20:34



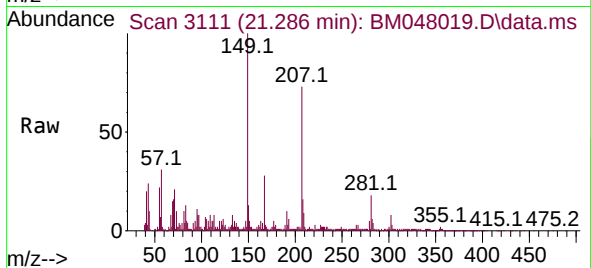
Tgt Ion:228 Resp: 381929
 Ion Ratio Lower Upper
 228 100
 229 20.9 15.6 23.4
 226 28.7 21.9 32.9





#86
Bis(2-ethylhexyl)phthalate
Concen: 3.451 ng/ul
RT: 21.286 min Scan# 3111
Delta R.T. 0.000 min
Lab File: BM048019.D
Acq: 11 Oct 2024 20:34

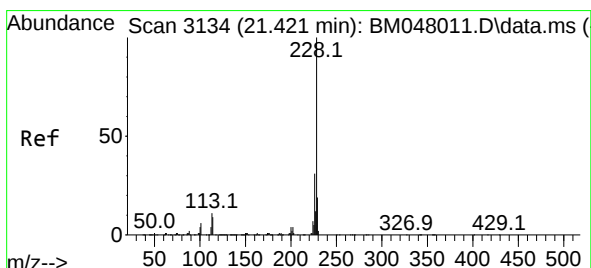
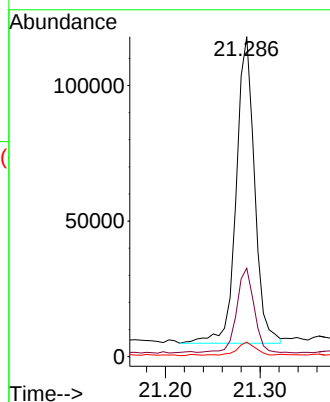
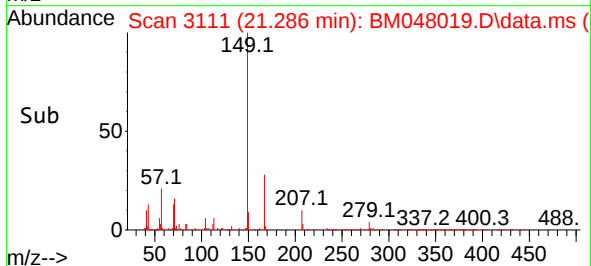
Instrument :
BNA_M
ClientSampleId :
A4F24



Tgt Ion:149 Resp: 152009
Ion Ratio Lower Upper
149 100
167 27.6 21.3 31.9
279 4.6 2.7 4.1

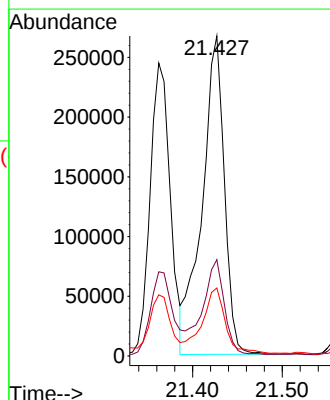
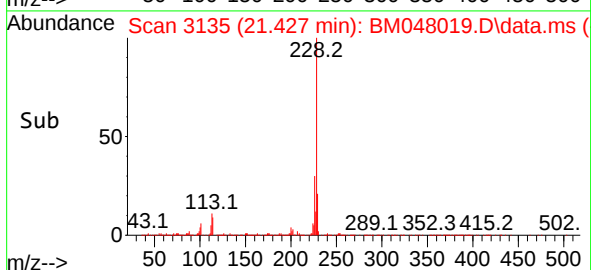
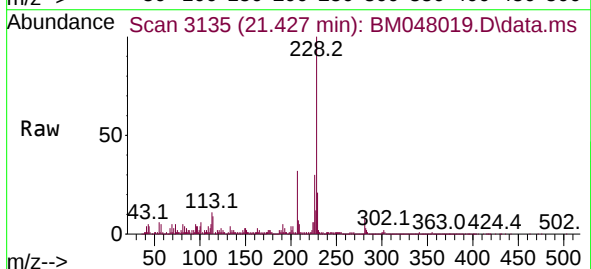
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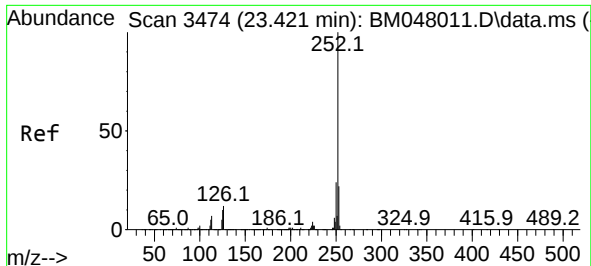
Reviewed By :Jagrut Upadhyay 10/14/2024
Supervised By :mohammad ahmed 10/15/2024



#87
Chrysene
Concen: 6.040 ng/ul
RT: 21.427 min Scan# 3135
Delta R.T. 0.000 min
Lab File: BM048019.D
Acq: 11 Oct 2024 20:34

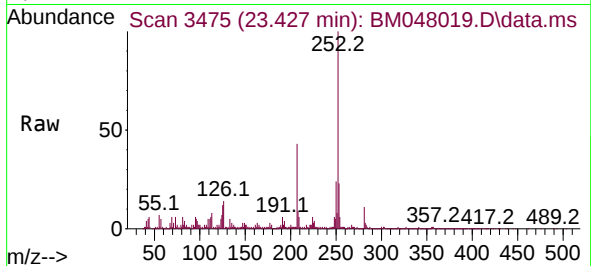
Tgt Ion:228 Resp: 459815
Ion Ratio Lower Upper
228 100
226 30.1 23.6 35.4
229 21.2 15.3 22.9





#90
Benzo(b)fluoranthene
Concen: 8.230 ng/ul
RT: 23.427 min Scan# 3474
Delta R.T. 0.000 min
Lab File: BM048019.D
Acq: 11 Oct 2024 20:34

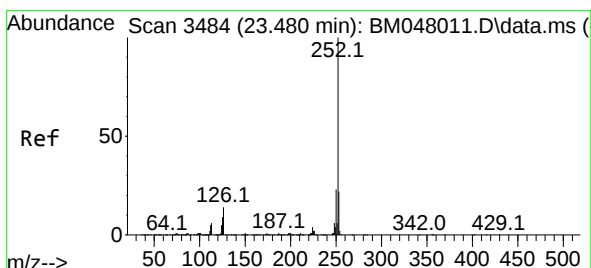
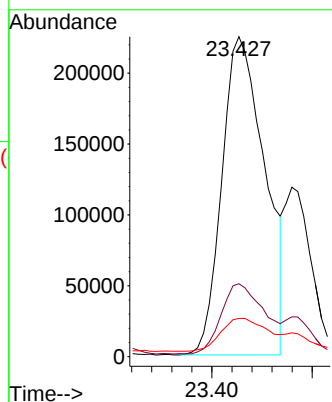
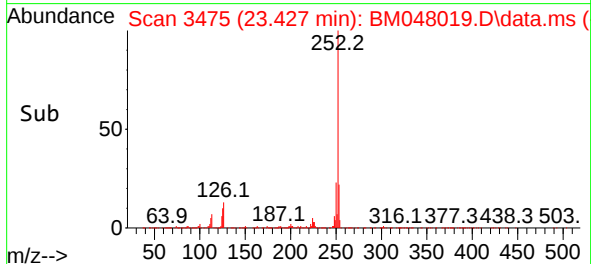
Instrument :
BNA_M
ClientSampleId :
A4F24



Tgt Ion:252 Resp: 66840
Ion Ratio Lower Upper
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253 22.8 17.4 26.2
125 12.0 9.0 13.4

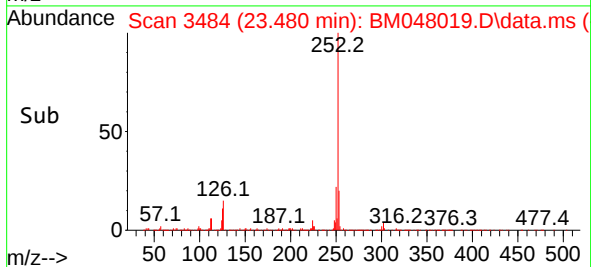
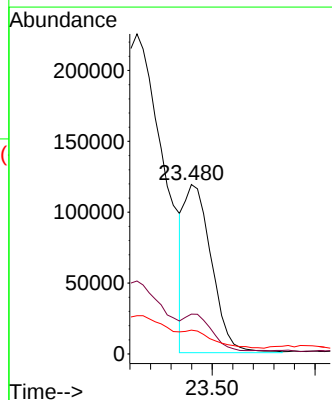
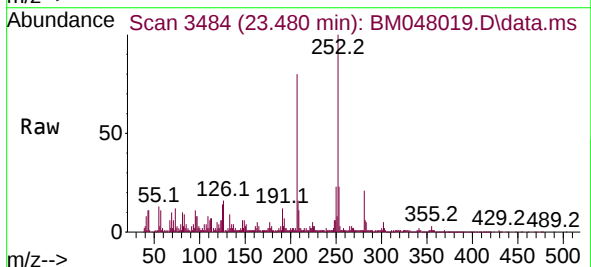
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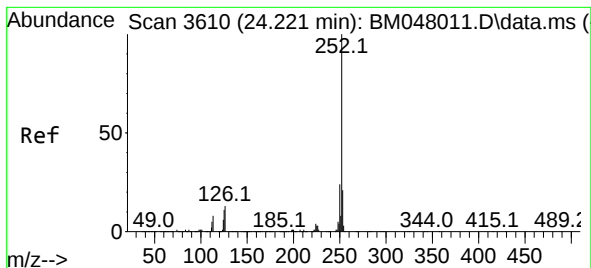
Reviewed By :Jagrut Upadhyay 10/14/2024
Supervised By :mohammad ahmed 10/15/2024



#91
Benzo(k)fluoranthene
Concen: 2.636 ng/ul m
RT: 23.480 min Scan# 3484
Delta R.T. -0.006 min
Lab File: BM048019.D
Acq: 11 Oct 2024 20:34

Tgt Ion:252 Resp: 218892
Ion Ratio Lower Upper
252 100
253 23.5 17.5 26.3
125 14.0 8.9 13.3#





#93

Benzo(a)pyrene

Concen: 3.528 ng/ul

RT: 24.227 min Scan# 30

Delta R.T. -0.006 min

Lab File: BM048019.D

Acq: 11 Oct 2024 20:34

Instrument :

BNA_M

ClientSampleId :

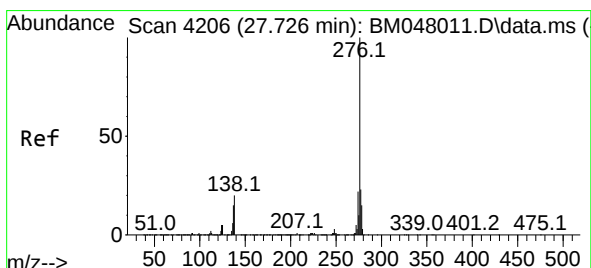
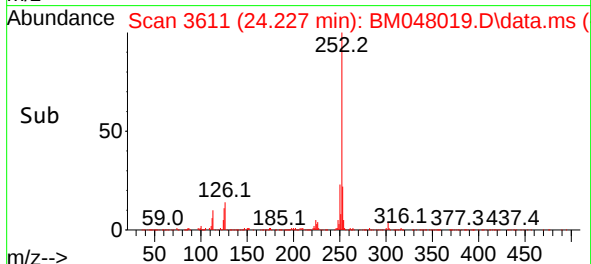
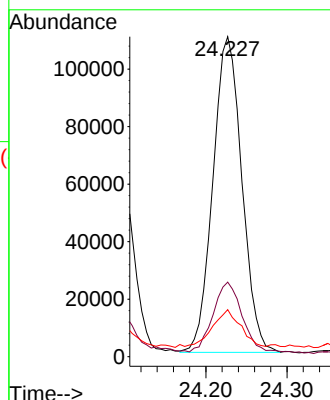
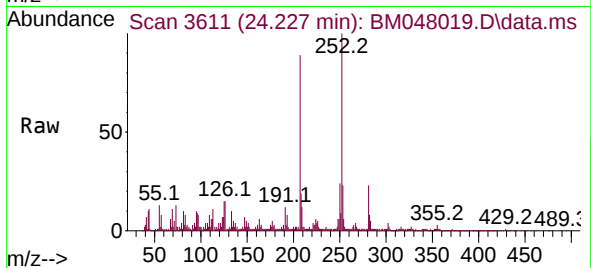
A4F24

Tgt Ion:	252	Resp:	272110
Ion Ratio	Lower	Upper	
252	100		
253	23.3	17.2	25.8
125	14.7	10.1	15.1

Manual Integrations

APPROVED

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Supervised By :mohammad ahmed 10/15/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 2.693 ng/ul

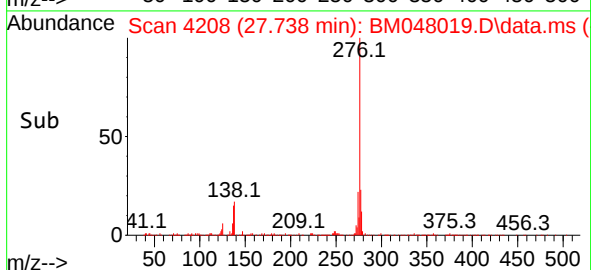
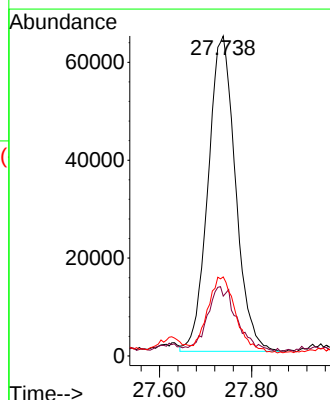
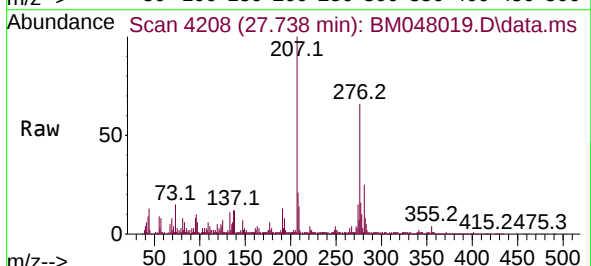
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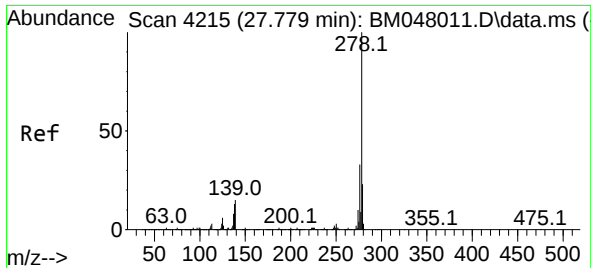
Delta R.T. -0.006 min

Lab File: BM048019.D

Acq: 11 Oct 2024 20:34

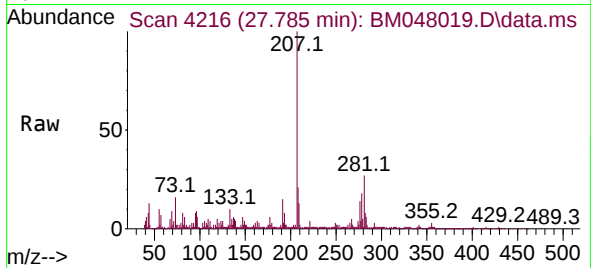
Tgt Ion:	276	Resp:	266199
Ion Ratio	Lower	Upper	
276	100		
138	18.7	16.9	25.3
277	24.7	18.9	28.3





#95
 Dibenzo(a,h)anthracene
 Concen: 1.027 ng/ul
 RT: 27.785 min Scan# 41
 Delta R.T. -0.012 min
 Lab File: BM048019.D
 Acq: 11 Oct 2024 20:34

Instrument :
 BNA_M
 ClientSampleId :
 A4F24



Tgt Ion:278 Resp: 8315
 Ion Ratio Lower Upper
 278 100
 139 23.2 13.4 20.2
 279 29.2 18.4 27.6

Manual Integrations
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 Supervised By :mohammad ahmed 10/15/2024

