

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
 Data File : BM048044.D
 Acq On : 15 Oct 2024 01:29
 Operator : RC/JU
 Sample : P4238-20
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4F07

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/15/2024
 Supervised By :mohammad ahmed 10/17/2024

Quant Time: Oct 15 02:14:06 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	284611	20.000	ng/u1	0.00
20) Naphthalene-d8	10.575	136	1085781	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.421	164	637831	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.157	188	1261418	20.000	ng/u1	0.00
79) Chrysene-d12	21.386	240	1253064	20.000	ng/u1	0.00
88) Perylene-d12	24.380	264	1499262	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	10528	1.195	ng/uL	0.00
4) Pyridine-d5	3.669	84	13714	0.532	ng/u1	0.01
7) Phenol-d5	6.957	99	134727	5.006	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.110	67	85805	4.493	ng/u1	0.00
11) 2-Chlorophenol-d4	7.316	132	120018	6.129	ng/u1	0.00
15) 4-Methylphenol-d8	8.492	113	63178	3.157	ng/u1	0.00
21) Nitrobenzene-d5	8.939	128	54506	6.305	ng/u1	0.00
24) 2-Nitrophenol-d4	9.657	143	59529	7.186	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.204	165	102288	6.181	ng/u1	0.00
31) 4-Chloroaniline-d4	10.722	131	35782	1.399	ng/u1	0.00
46) Dimethylphthalate-d6	13.827	166	330647	7.150	ng/u1	0.00
49) Acenaphthylene-d8	14.110	160	385653	7.034	ng/u1	0.00
54) 4-Nitrophenol-d4	14.633	143	39153	4.253	ng/u1	0.01
60) Fluorene-d10	15.410	176	300801	7.510	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.533	200	27010	3.659	ng/u1	0.00
73) Anthracene-d10	17.257	188	469409	7.568	ng/u1	0.00
81) Pyrene-d10	19.545	212	513332	7.218	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.174	264	416316	5.352	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.198	178	339496	4.589	ng/u1	99
80) Fluoranthene	19.215	202	962566	11.492	ng/u1	99
82) Pyrene	19.574	202	686040	7.359	ng/u1	97
85) Benzo(a)anthracene	21.368	228	424899	4.843	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.286	149	178337	3.604	ng/u1	98
87) Chrysene	21.427	228	525854	6.148	ng/u1	97
90) Benzo(b)fluoranthene	23.438	252	772781	8.265	ng/u1	98
91) Benzo(k)fluoranthene	23.491	252	267248m	2.795	ng/u1	
93) Benzo(a)pyrene	24.233	252	253403	2.854	ng/u1#	94
94) Indeno(1,2,3-cd)pyrene	27.756	276	273946	2.407	ng/u1	96

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

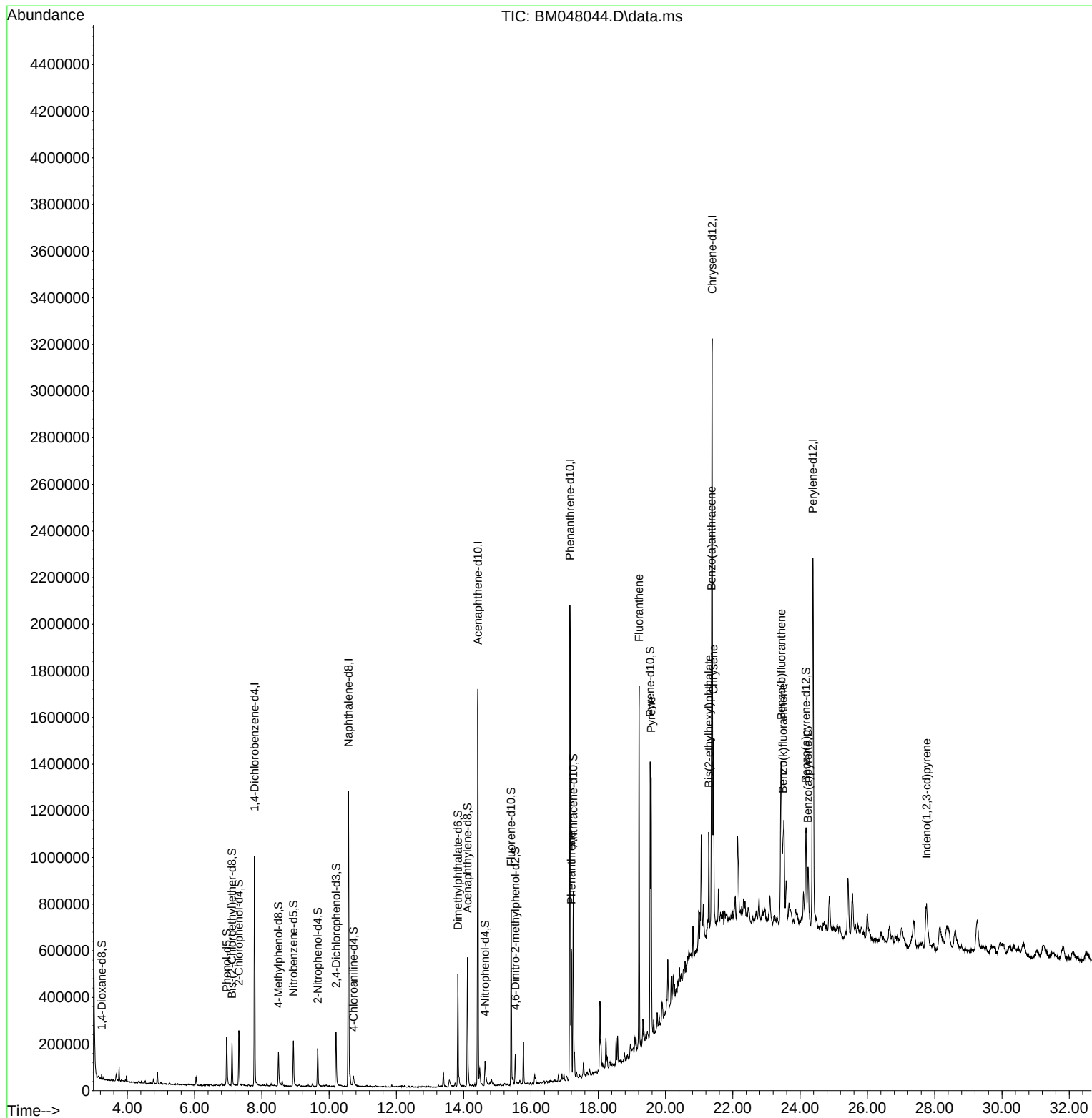
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
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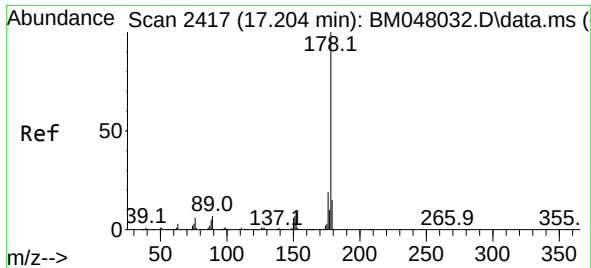
Instrument :
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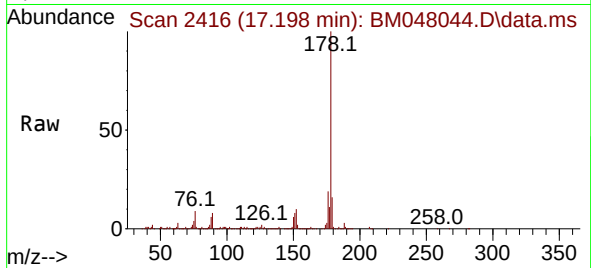
Reviewed By :Yogesh Patel 10/15/2024
Supervised By :mohammad ahmed 10/17/2024





#72
Phenanthrene
Concen: 4.589 ng/u1
RT: 17.198 min Scan# 2417
Delta R.T. -0.006 min
Lab File: BM048044.D
Acq: 15 Oct 2024 01:29

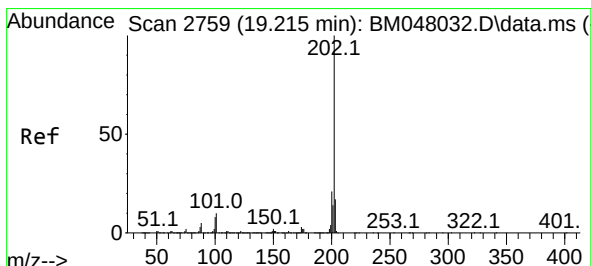
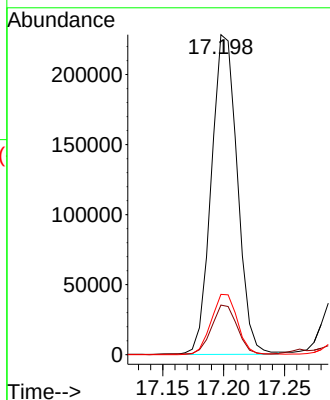
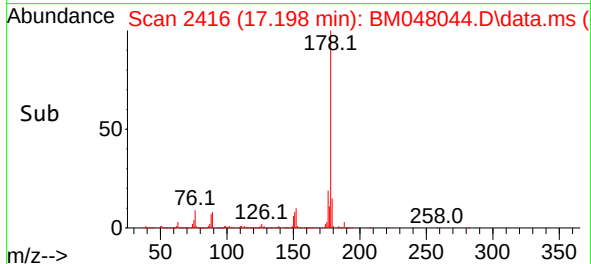
Instrument :
BNA_M
ClientSampleId :
A4F07



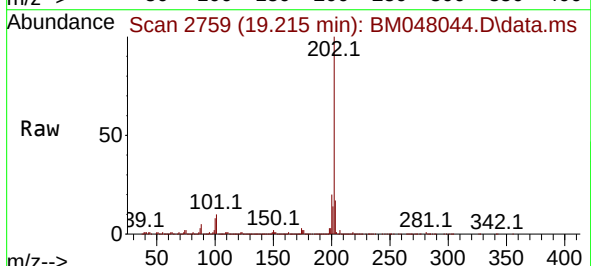
Tgt Ion:178 Resp: 339490
Ion Ratio Lower Upper
178 100
179 15.5 12.0 18.0
176 18.9 15.4 23.0

Manual Integrations
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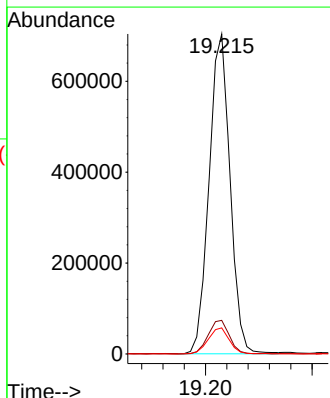
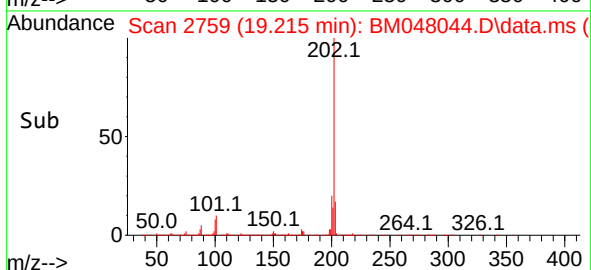
Reviewed By :Yogesh Patel 10/15/2024
Supervised By :mohammad ahmed 10/17/2024

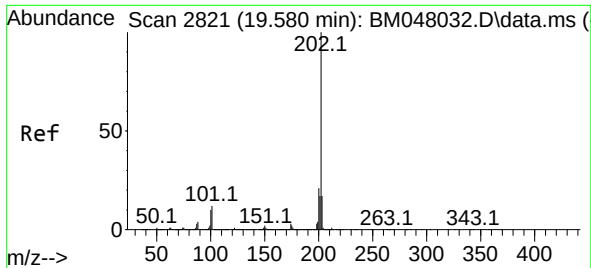


#80
Fluoranthene
Concen: 11.492 ng/u1
RT: 19.215 min Scan# 2759
Delta R.T. 0.000 min
Lab File: BM048044.D
Acq: 15 Oct 2024 01:29



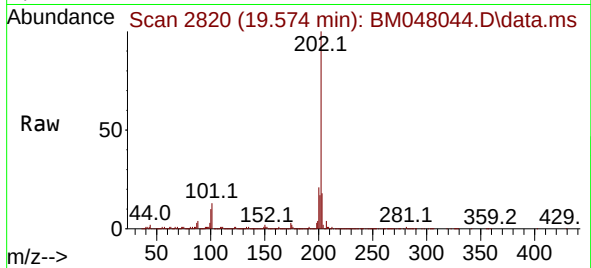
Tgt Ion:202 Resp: 962566
Ion Ratio Lower Upper
202 100
101 10.5 9.0 13.4
100 8.2 6.8 10.2





#82
Pyrene
Concen: 7.359 ng/ul
RT: 19.574 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM048044.D
Acq: 15 Oct 2024 01:29

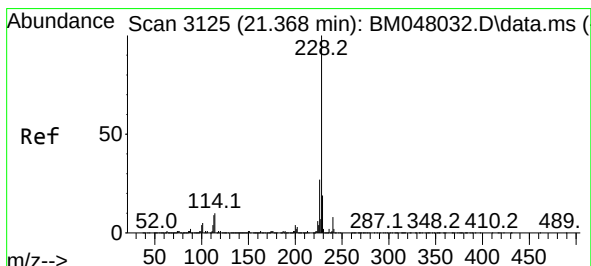
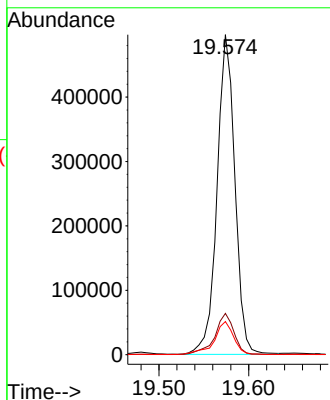
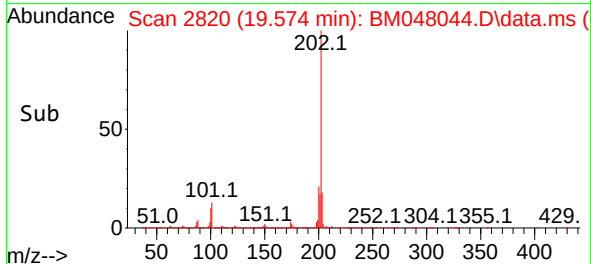
Instrument :
BNA_M
ClientSampleId :
A4F07



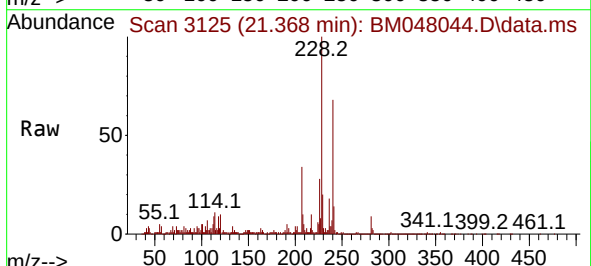
Tgt Ion:202 Resp: 686040
Ion Ratio Lower Upper
202 100
101 12.9 10.9 16.3
100 10.3 9.4 14.2

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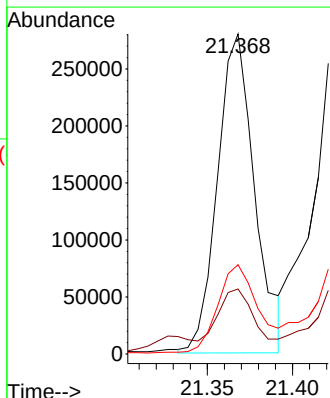
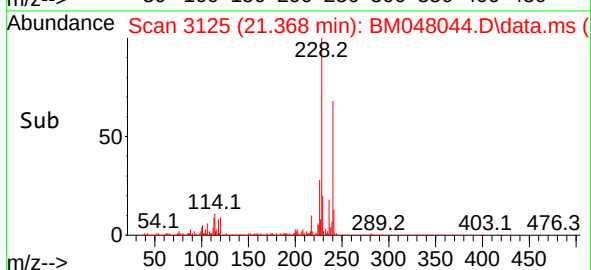
Reviewed By :Yogesh Patel 10/15/2024
Supervised By :mohammad ahmed 10/17/2024

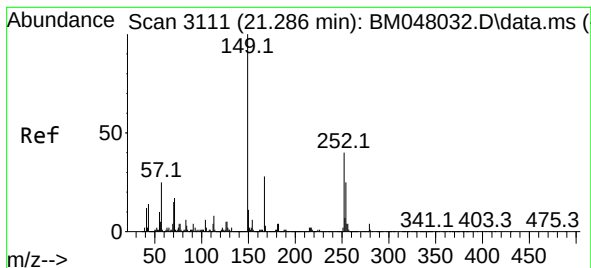


#85
Benzo(a)anthracene
Concen: 4.843 ng/ul
RT: 21.368 min Scan# 3125
Delta R.T. 0.000 min
Lab File: BM048044.D
Acq: 15 Oct 2024 01:29



Tgt Ion:228 Resp: 424899
Ion Ratio Lower Upper
228 100
229 20.3 15.6 23.4
226 27.9 21.9 32.9





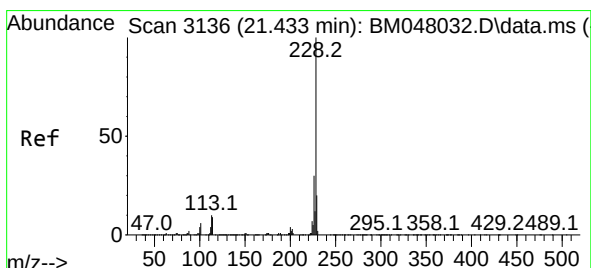
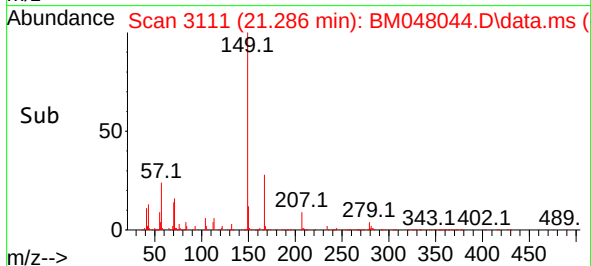
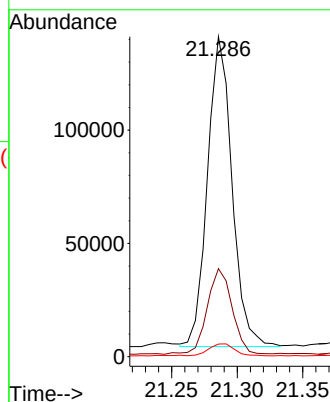
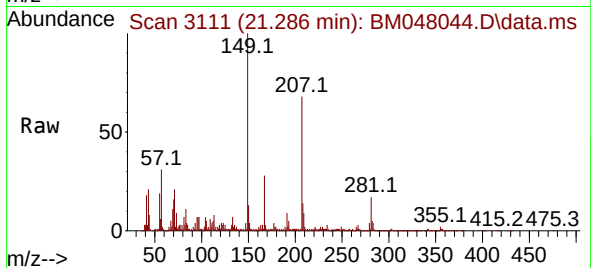
#86
Bis(2-ethylhexyl)phthalate
Concen: 3.604 ng/ul
RT: 21.286 min Scan# 3111
Delta R.T. 0.000 min
Lab File: BM048044.D
Acq: 15 Oct 2024 01:29

Instrument :
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ClientSampleId :
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Tgt Ion:149 Resp: 17833
Ion Ratio Lower Upper
149 100
167 27.5 21.3 31.9
279 3.9 2.7 4.1

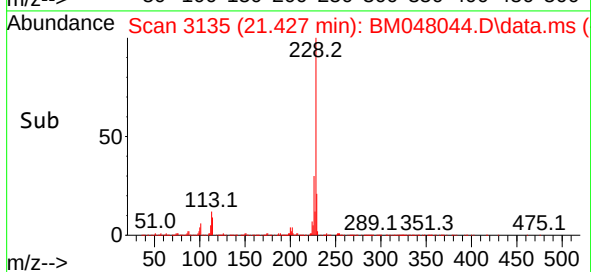
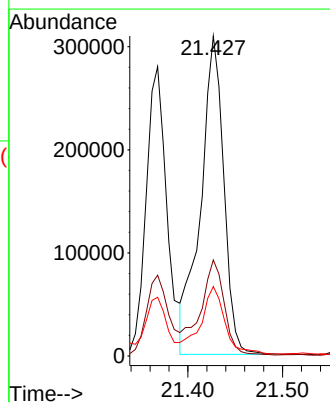
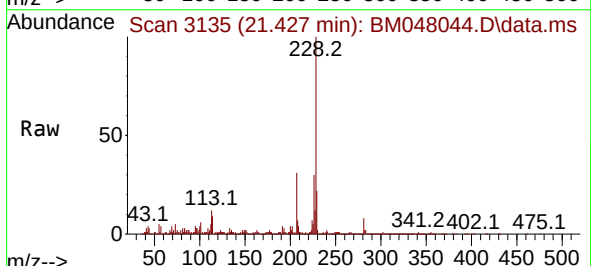
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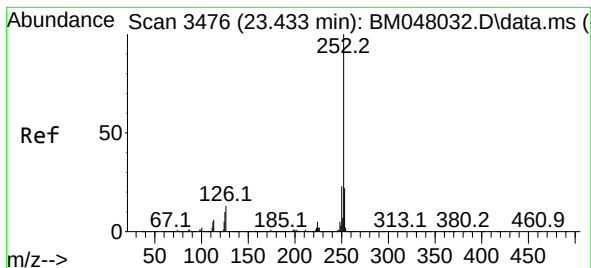
Reviewed By :Yogesh Patel 10/15/2024
Supervised By :mohammad ahmed 10/17/2024



#87
Chrysene
Concen: 6.148 ng/ul
RT: 21.427 min Scan# 3135
Delta R.T. 0.000 min
Lab File: BM048044.D
Acq: 15 Oct 2024 01:29

Tgt Ion:228 Resp: 525854
Ion Ratio Lower Upper
228 100
226 30.0 23.6 35.4
229 21.7 15.3 22.9





#90

Benzo(b)fluoranthene

Concen: 8.265 ng/ul

RT: 23.438 min Scan# 3476

Delta R.T. 0.012 min

Lab File: BM048044.D

Acq: 15 Oct 2024 01:29

Instrument :

BNA_M

ClientSampleId :

A4F07

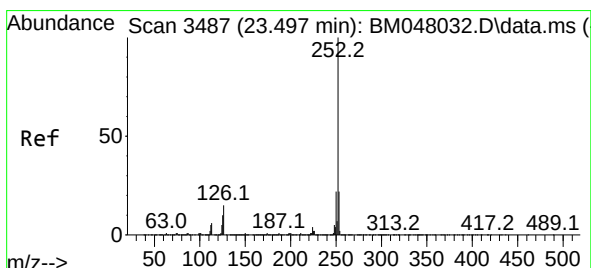
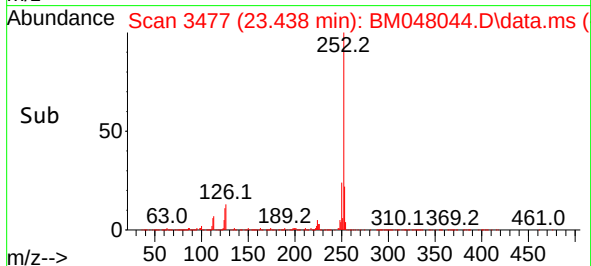
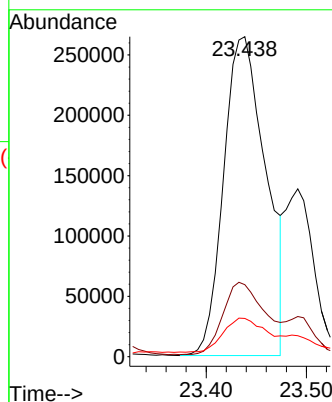
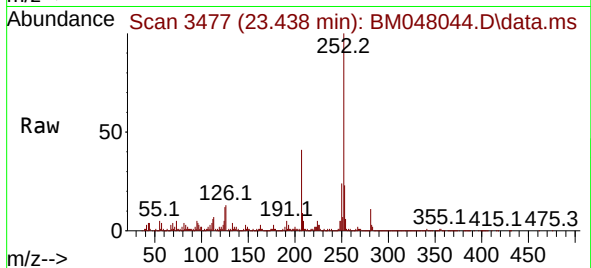
Tgt Ion:252 Resp: 77278
 Ion Ratio Lower Upper
 252 100
 253 22.5 17.4 26.2
 125 11.9 9.0 13.4

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#91

Benzo(k)fluoranthene

Concen: 2.795 ng/ul m

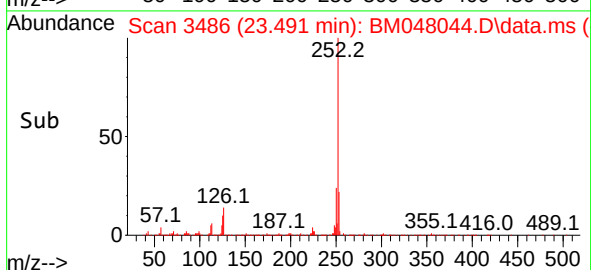
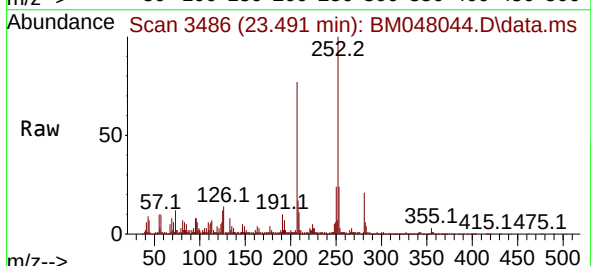
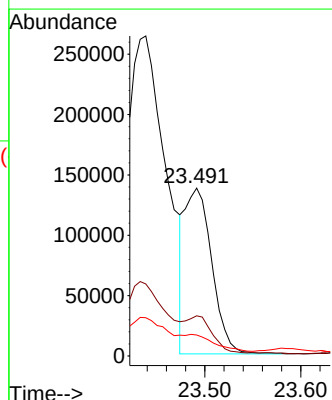
RT: 23.491 min Scan# 3486

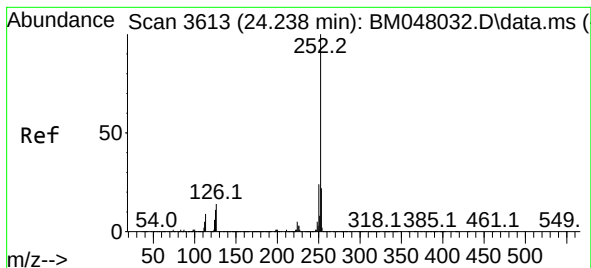
Delta R.T. 0.006 min

Lab File: BM048044.D

Acq: 15 Oct 2024 01:29

Tgt Ion:252 Resp: 267248
 Ion Ratio Lower Upper
 252 100
 253 23.9 17.5 26.3
 125 12.5 8.9 13.3





#93

Benzo(a)pyrene

Concen: 2.854 ng/ul

RT: 24.233 min Scan# 3613

Delta R.T. 0.000 min

Lab File: BM048044.D

Acq: 15 Oct 2024 01:29

Instrument :

BNA_M

ClientSampleId :

A4F07

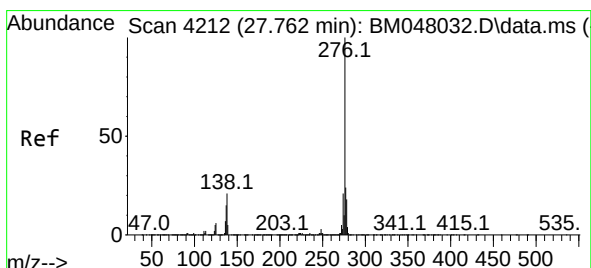
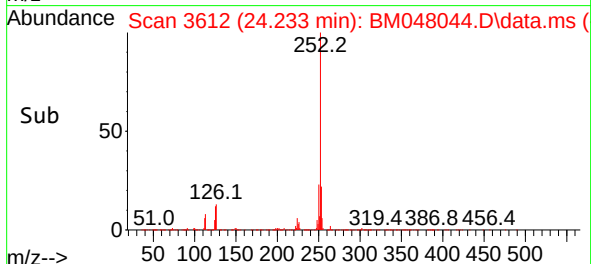
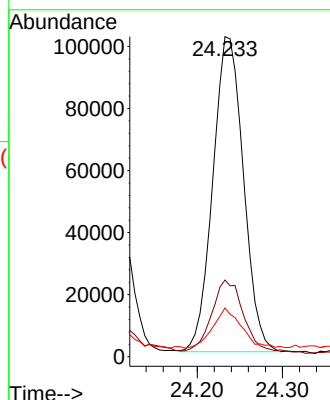
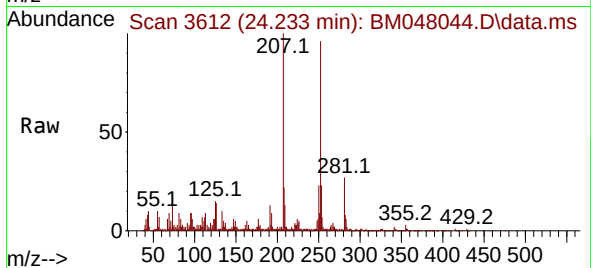
Tgt Ion:	252	Resp:	25340
Ion Ratio	Lower	Upper	
252	100		
253	23.9	17.2	25.8
125	15.2	10.1	15.1

Manual Integrations

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Supervised By :mohammad ahmed 10/17/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 2.407 ng/ul

RT: 27.756 min Scan# 4211

Delta R.T. 0.012 min

Lab File: BM048044.D

Acq: 15 Oct 2024 01:29

Tgt Ion:	276	Resp:	273946
Ion Ratio	Lower	Upper	
276	100		
138	22.8	16.9	25.3
277	25.7	18.9	28.3

