

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100324\
 Data File : BM047823.D
 Acq On : 04 Oct 2024 01:13
 Operator : RC/JU
 Sample : P4084-12
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCYN0

Quant Time: Oct 04 01:56:34 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	283282	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.592	136	1126651	20.000	ng/u1	-0.02
38) Acenaphthene-d10	14.433	164	681905	20.000	ng/u1	-0.02
64) Phenanthrene-d10	17.174	188	1387937	20.000	ng/u1	-0.01
79) Chrysene-d12	21.397	240	1302073	20.000	ng/u1	-0.01
88) Perylene-d12	24.397	264	1491190	20.000	ng/u1	-0.02

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.251	96	19457	2.220	ng/uL	0.00
4) Pyridine-d5	3.675	84	78768	3.069	ng/u1	0.00
7) Phenol-d5	6.969	99	354531	13.235	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.128	67	214349	11.277	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.334	132	283735	14.559	ng/u1	-0.01
15) 4-Methylphenol-d8	8.504	113	293692	14.746	ng/u1	-0.01
21) Nitrobenzene-d5	8.951	128	134601	15.005	ng/u1	-0.02
24) 2-Nitrophenol-d4	9.675	143	143614	16.706	ng/u1	-0.02
28) 2,4-Dichlorophenol-d3	10.216	165	282358	16.442	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.727	131	316187	11.910	ng/u1	-0.01
46) Dimethylphthalate-d6	13.845	166	874244	17.683	ng/u1	-0.01
49) Acenaphthylene-d8	14.127	160	1011154	17.250	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.627	143	112259m	11.405	ng/u1	0.00
60) Fluorene-d10	15.427	176	781591	18.252	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.539	200	105844	13.032	ng/u1	-0.01
73) Anthracene-d10	17.274	188	1194936	17.509	ng/u1	-0.01
81) Pyrene-d10	19.562	212	1437553	19.453	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.191	264	1440393	18.617	ng/u1	-0.02

Target Compounds						Qvalue
80) Fluoranthene	19.233	202	306417	3.521	ng/u1	97
82) Pyrene	19.586	202	268013	2.767	ng/u1	97
85) Benzo(a)anthracene	21.380	228	172269	1.890	ng/u1	94
87) Chrysene	21.439	228	396222	4.458	ng/u1	97
90) Benzo(b)fluoranthene	23.450	252	706637	7.599	ng/u1	99
91) Benzo(k)fluoranthene	23.509	252	208505m	2.193	ng/u1	
93) Benzo(a)pyrene	24.256	252	250313	2.834	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	27.773	276	213317	1.885	ng/u1	98
96) Benzo(g,h,i)perylene	28.832	276	173340	1.955	ng/u1	96

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

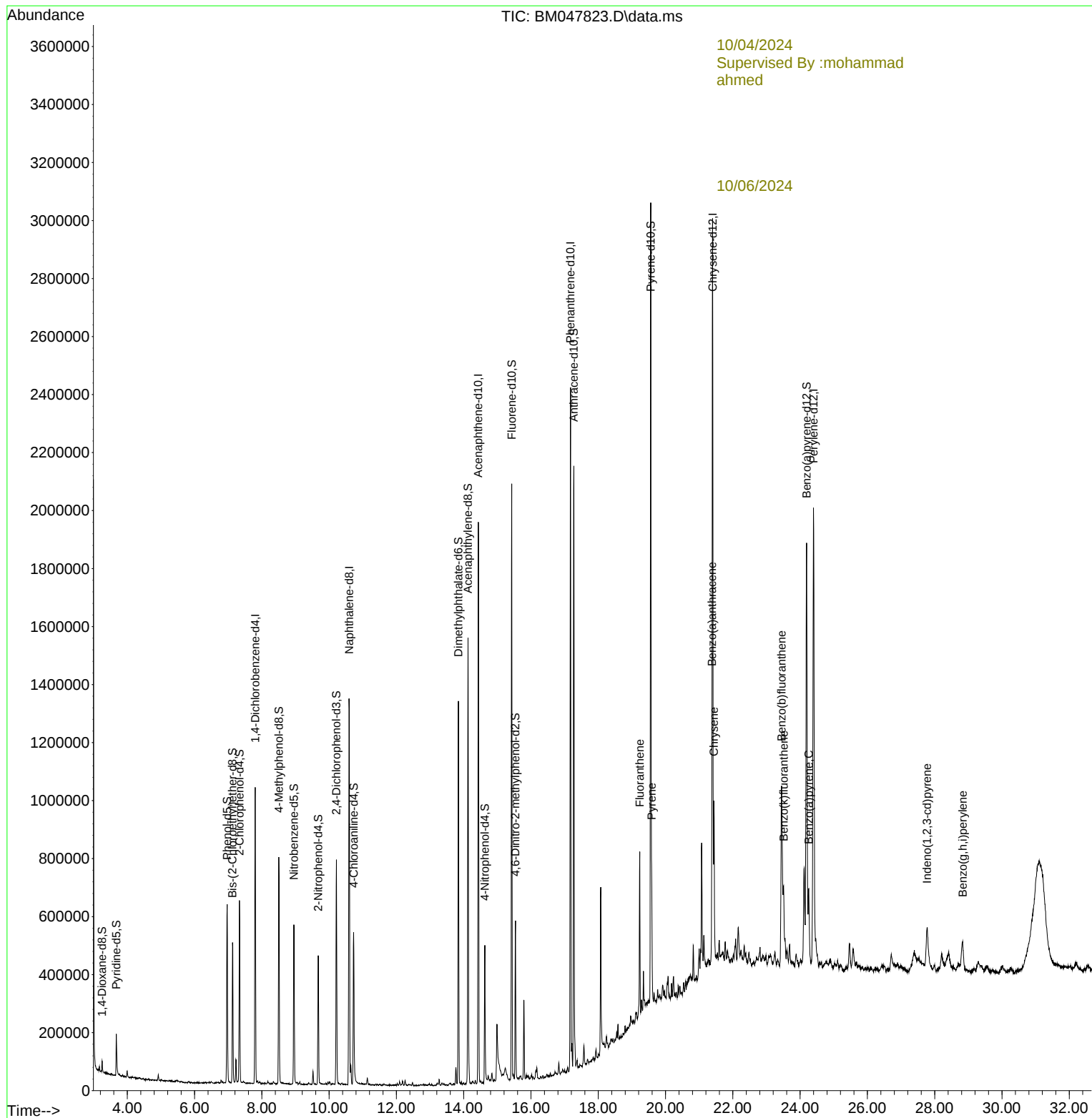
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100324\
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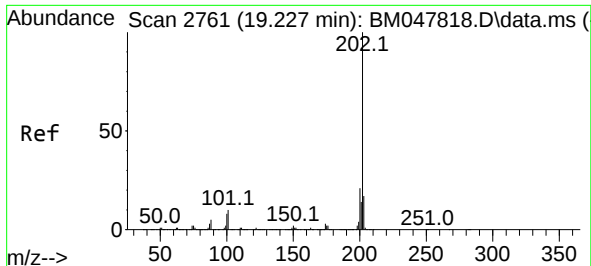
Instrument :
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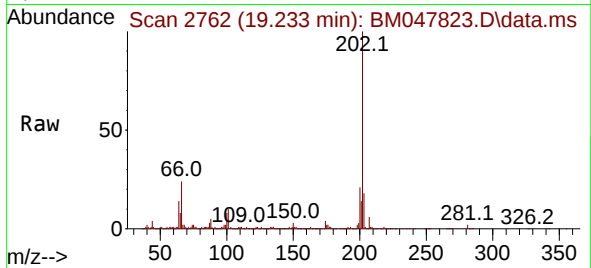
Reviewed By :Jagrut Upadhyay 10/04/2024
 Supervised By :mohammad ahmed 10/06/2024





#80
Fluoranthene
Concen: 3.521 ng/ul
RT: 19.233 min Scan# 2761
Delta R.T. -0.006 min
Lab File: BM047823.D
Acq: 04 Oct 2024 01:13

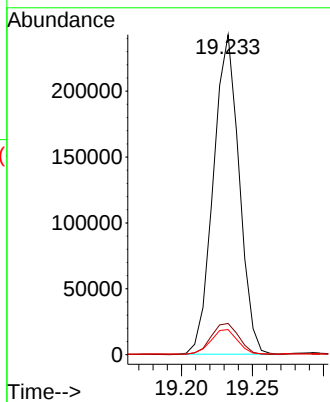
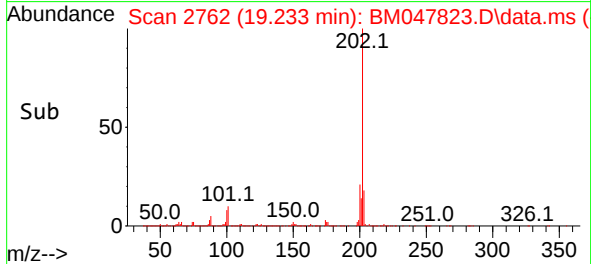
Instrument :
BNA_M
ClientSampleId :
DCYN0



Tgt Ion:202 Resp: 30641
Ion Ratio Lower Upper
202 100
101 9.7 9.0 13.4
100 7.9 6.8 10.2

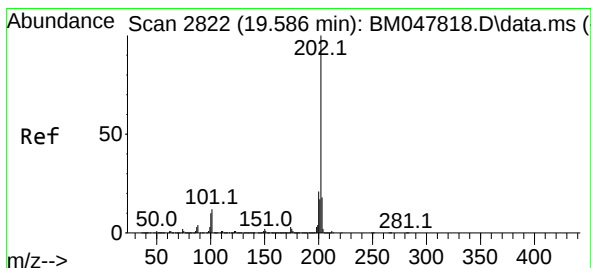
Manual Integrations
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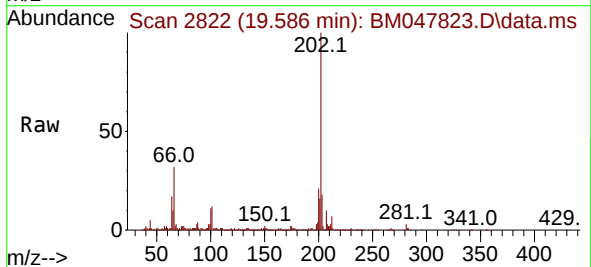


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ahmed

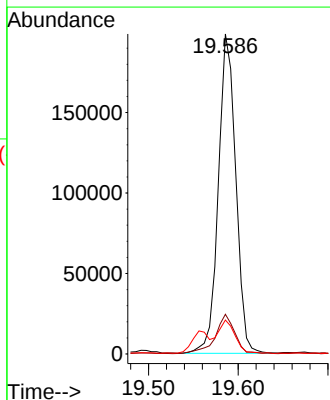
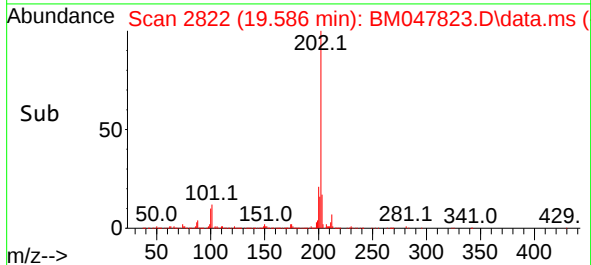
10/06/2024

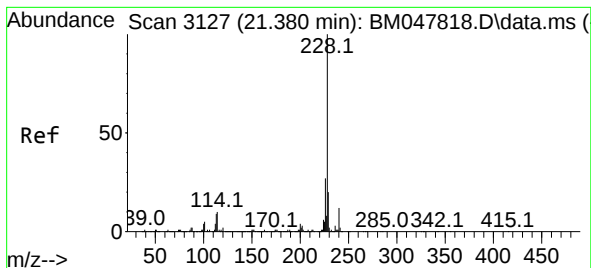


#82
Pyrene
Concen: 2.767 ng/ul
RT: 19.586 min Scan# 2822
Delta R.T. -0.012 min
Lab File: BM047823.D
Acq: 04 Oct 2024 01:13



Tgt Ion:202 Resp: 268013
Ion Ratio Lower Upper
202 100
101 12.4 10.9 16.3
100 10.6 9.4 14.2





#85

Benzo(a)anthracene

Concen: 1.890 ng/u1

RT: 21.380 min Scan# 3127

Delta R.T. -0.012 min

Lab File: BM047823.D

Acq: 04 Oct 2024 01:13

Instrument :

BNA_M

ClientSampleId :

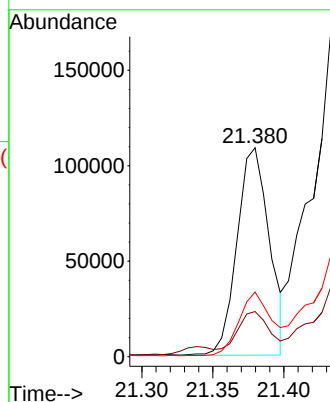
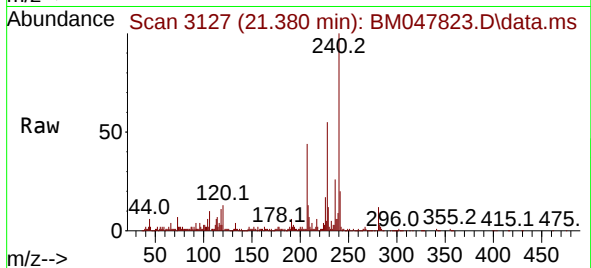
DCYN0

Tgt Ion:	228	Resp:	172269
Ion Ratio	Lower	Upper	
228	100		
229	21.6	15.6	23.4
226	31.0	21.9	32.9

Manual Integrations

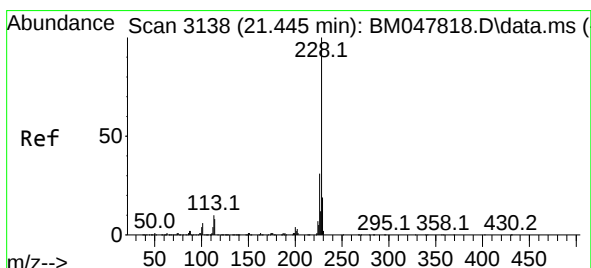
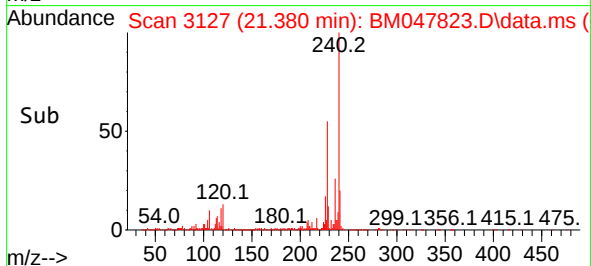
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#87

Chrysene

Concen: 4.458 ng/u1

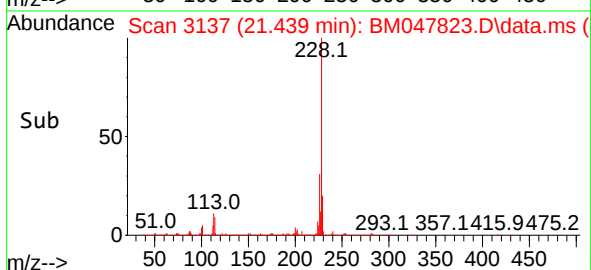
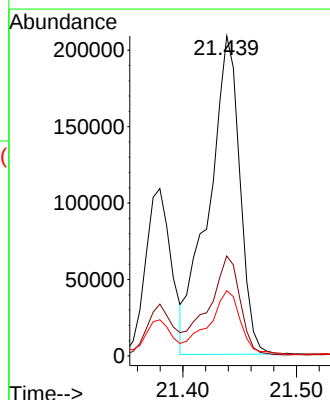
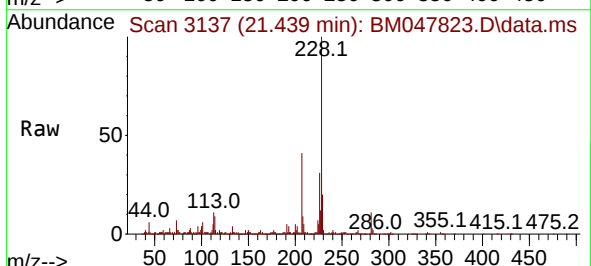
RT: 21.439 min Scan# 3137

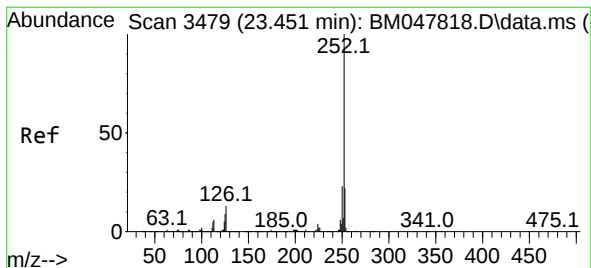
Delta R.T. -0.012 min

Lab File: BM047823.D

Acq: 04 Oct 2024 01:13

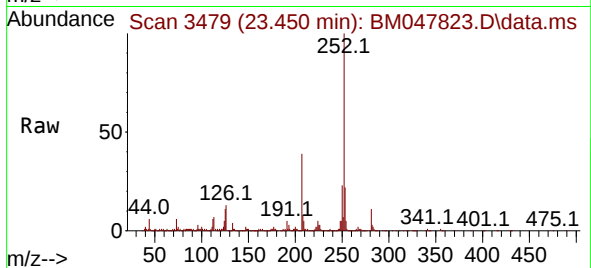
Tgt Ion:	228	Resp:	396222
Ion Ratio	Lower	Upper	
228	100		
226	31.2	23.6	35.4
229	20.4	15.3	22.9





#90
Benzo(b)fluoranthene
Concen: 7.599 ng/ul
RT: 23.450 min Scan# 3479
Delta R.T. -0.012 min
Lab File: BM047823.D
Acq: 04 Oct 2024 01:13

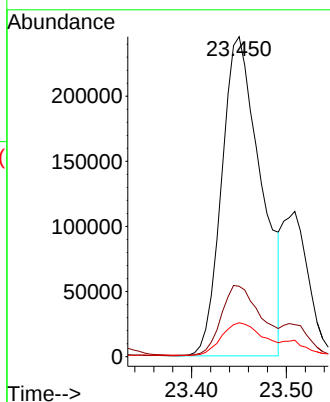
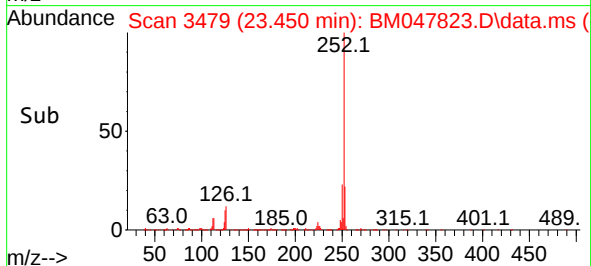
Instrument :
BNA_M
ClientSampleId :
DCYN0



Tgt Ion:252 Resp: 70663
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 10.6 9.0 13.4

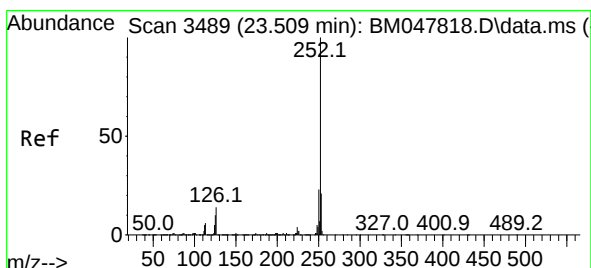
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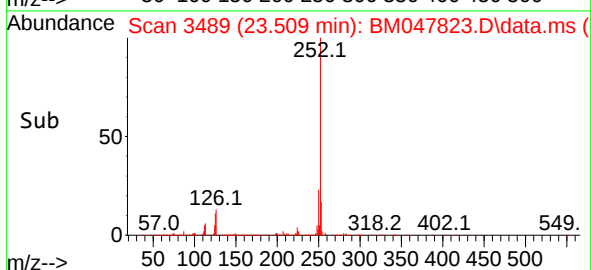
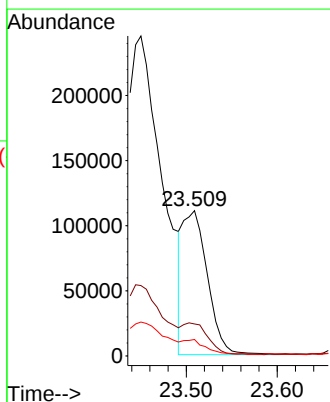
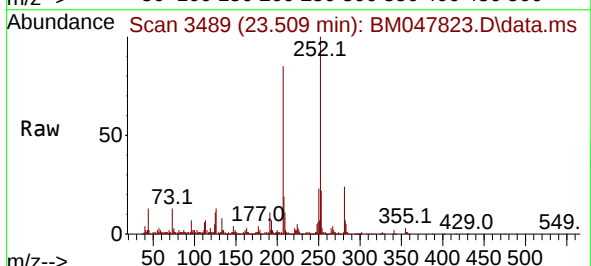
10/04/2024
Supervised By :mohammad
ahmed

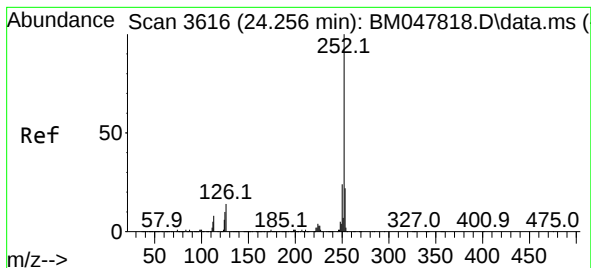
10/06/2024



#91
Benzo(k)fluoranthene
Concen: 2.193 ng/ul m
RT: 23.509 min Scan# 3489
Delta R.T. -0.018 min
Lab File: BM047823.D
Acq: 04 Oct 2024 01:13

Tgt Ion:252 Resp: 208505
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 11.4 8.9 13.3





#93

Benzo(a)pyrene

Concen: 2.834 ng/ul

RT: 24.256 min Scan# 3616

Delta R.T. -0.018 min

Lab File: BM047823.D

Acq: 04 Oct 2024 01:13

Instrument :

BNA_M

ClientSampleId :

DCYN0

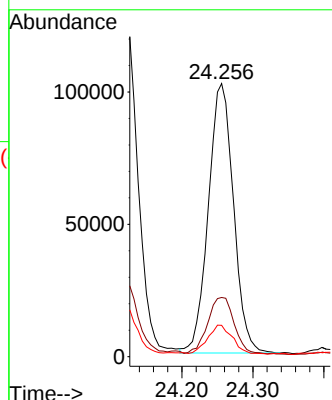
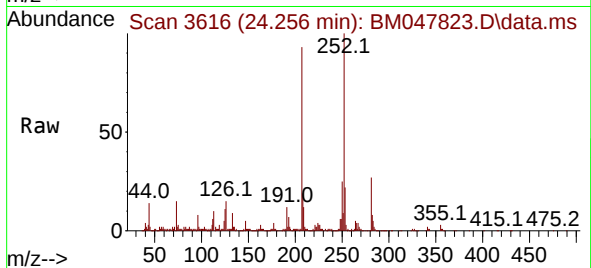
Tgt Ion:252 Resp: 25031

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.2	25.8
125	11.5	10.1	15.1

Manual Integrations

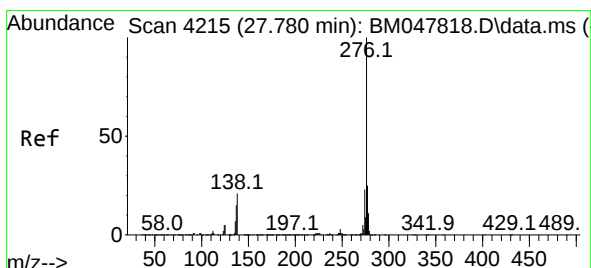
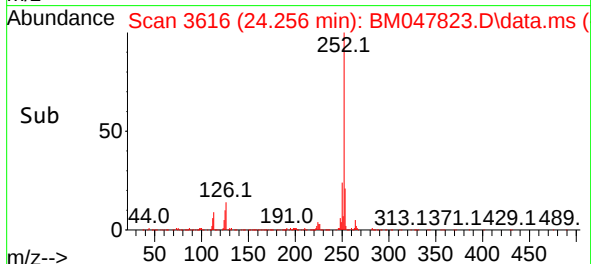
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ahmed

10/06/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 1.885 ng/ul

RT: 27.773 min Scan# 4214

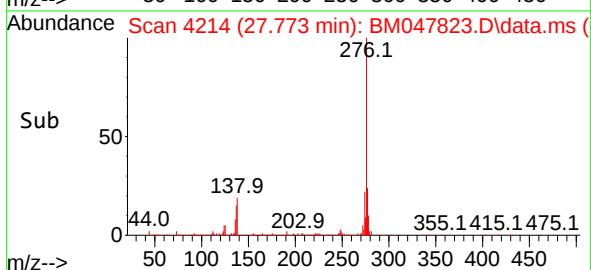
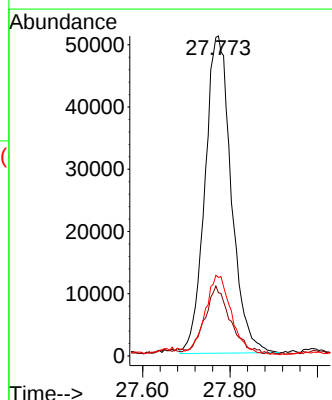
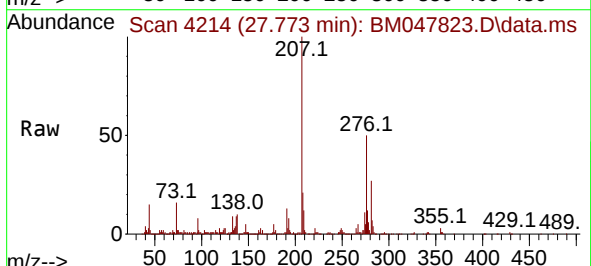
Delta R.T. -0.036 min

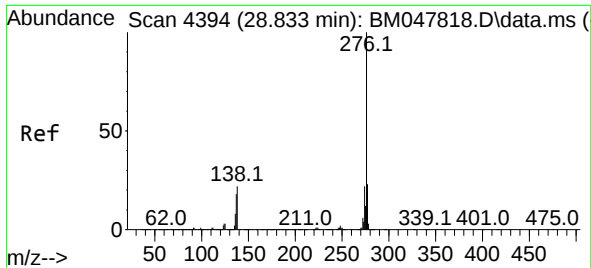
Lab File: BM047823.D

Acq: 04 Oct 2024 01:13

Tgt Ion:276 Resp: 213317

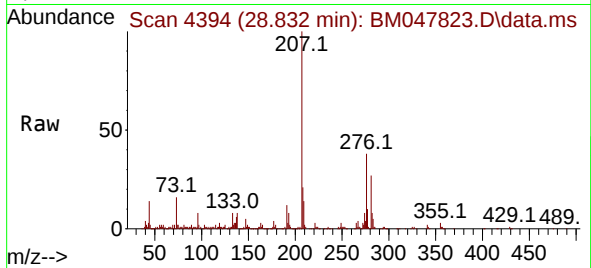
Ion	Ratio	Lower	Upper
276	100		
138	19.8	16.9	25.3
277	24.6	18.9	28.3





#96
 Benzo(g,h,i)perylene
 Concen: 1.955 ng/ul
 RT: 28.832 min Scan# 41
 Delta R.T. -0.030 min
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Instrument :
 BNA_M
 ClientSampleId :
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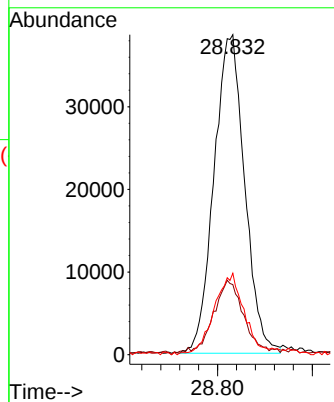
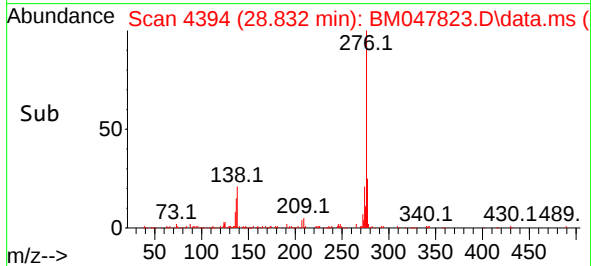


Tgt Ion: 276 Resp: 173340

Ion	Ratio	Lower	Upper
276	100		
138	21.9	18.7	28.1
277	25.4	18.3	27.5

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