

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112822\
 Data File : BM037757.D
 Acq On : 28 Nov 2022 13:32
 Operator : CG/JU
 Sample : N5658-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ESQS9

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/29/2022
 Supervised By :mohammad ahmed 11/30/2022

Quant Time: Nov 28 22:28:31 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM112322.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 28 22:24:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.110	152	227468	20.000	ng/u1	0.00
20) Naphthalene-d8	10.927	136	1074113	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.733	164	667593	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.468	188	1359078	20.000	ng/u1	0.00
79) Chrysene-d12	21.638	240	1251615	20.000	ng/u1	0.00
88) Perylene-d12	24.127	264	1042394	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.434	96	18545	3.381	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	0.00
7) Phenol-d5	7.257	99	419045	18.465	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.428	67	278698	18.410	ng/u1	0.00
11) 2-Chlorophenol-d4	7.634	132	307597	19.507	ng/u1	0.00
15) 4-Methylphenol-d8	8.816	113	334212	18.507	ng/u1	0.00
21) Nitrobenzene-d5	9.280	128	169425	20.120	ng/u1	0.00
24) 2-Nitrophenol-d4	10.004	143	172105	20.743	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.545	165	303968	20.019	ng/u1	0.00
31) 4-Chloroaniline-d4	11.063	131	165102	6.553	ng/u1	0.00
46) Dimethylphthalate-d6	14.139	166	1039641	21.986	ng/u1	0.00
49) Acenaphthylene-d8	14.427	160	1193882	21.390	ng/u1	0.00
54) 4-Nitrophenol-d4	14.915	143	188350	18.083	ng/u1	0.00
60) Fluorene-d10	15.721	176	932153	22.508	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.827	200	135903	18.589	ng/u1	0.00
73) Anthracene-d10	17.568	188	1523908	23.978	ng/u1	0.00
81) Pyrene-d10	19.850	212	1846955	29.038	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.968	264	1361328	25.372	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.509	178	144900	1.820	ng/u1	99
80) Fluoranthene	19.515	202	557638	6.863	ng/u1	99
82) Pyrene	19.880	202	535906	6.245	ng/u1	97
85) Benzo(a)anthracene	21.621	228	558522	6.670	ng/u1	99
87) Chrysene	21.674	228	719101	9.126	ng/u1	99
90) Benzo(b)fluoranthene	23.368	252	1562469	22.049	ng/u1	99
91) Benzo(k)fluoranthene	23.409	252	483612m	6.998	ng/u1	
93) Benzo(a)pyrene	24.015	252	759503	12.331	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	26.732	276	847657	11.997	ng/u1#	91
95) Dibenzo(a,h)anthracene	26.738	278	220358m	3.473	ng/u1	
96) Benzo(g,h,i)perylene	27.538	276	782985	12.725	ng/u1	95

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

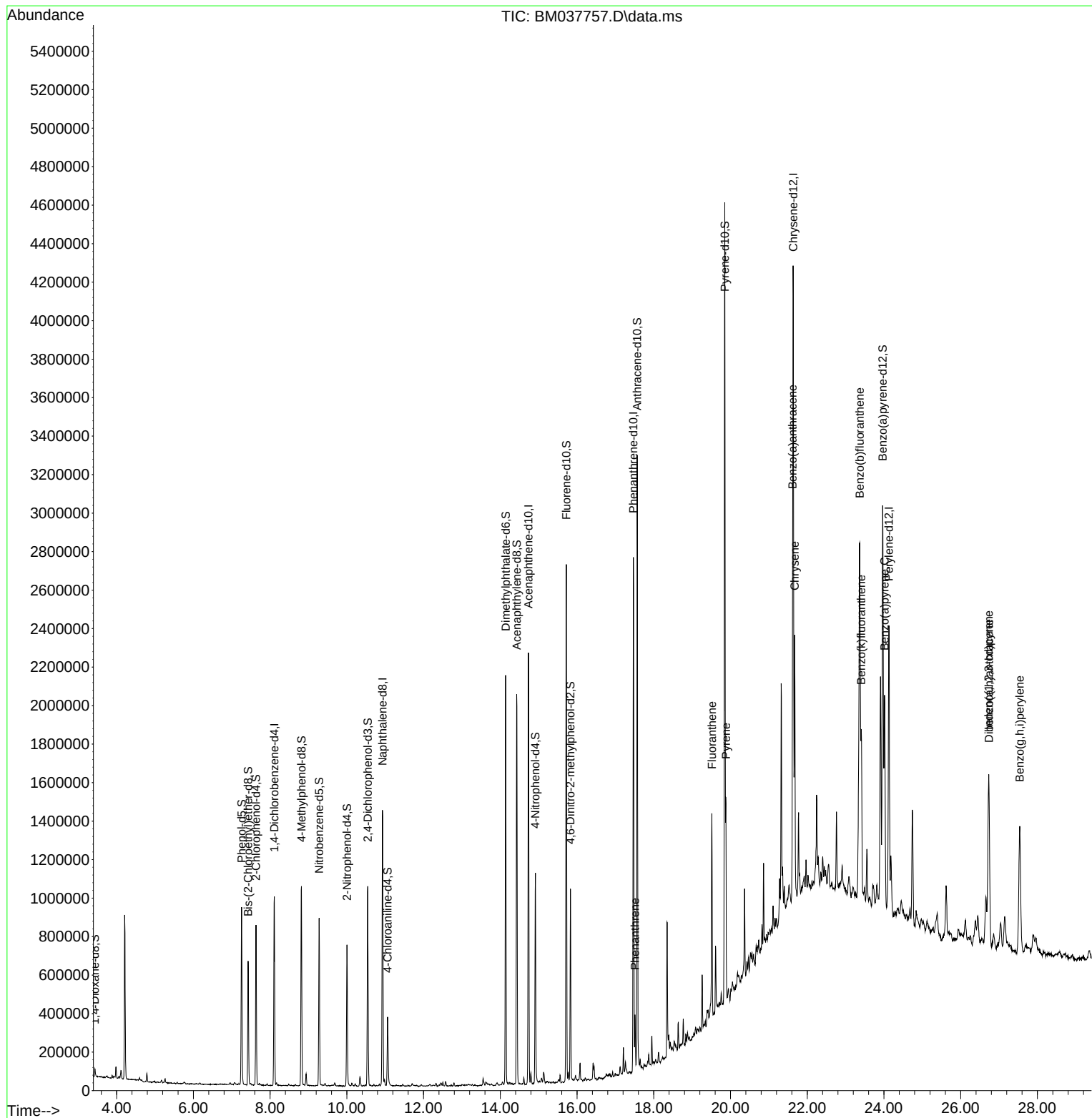
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112822\
 Data File : BM037757.D
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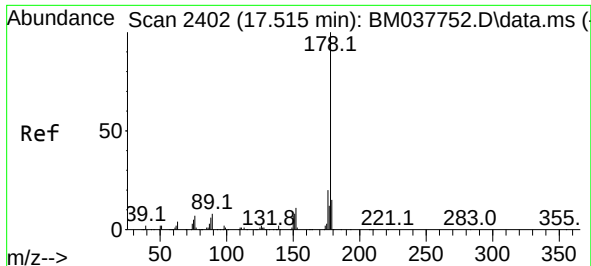
Instrument :
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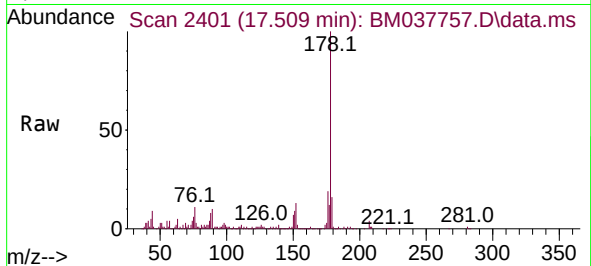
Reviewed By :Jagrut Upadhyay 11/29/2022
 Supervised By :mohammad ahmed 11/30/2022





#72
Phenanthrene
Concen: 1.820 ng/ul
RT: 17.509 min Scan# 2401
Delta R.T. -0.006 min
Lab File: BM037757.D
Acq: 28 Nov 2022 13:32

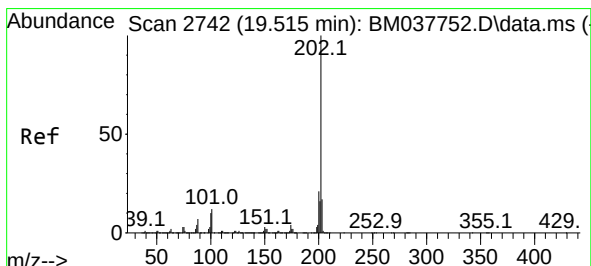
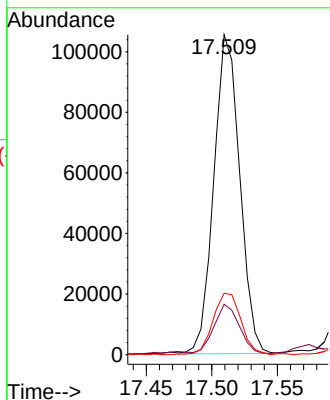
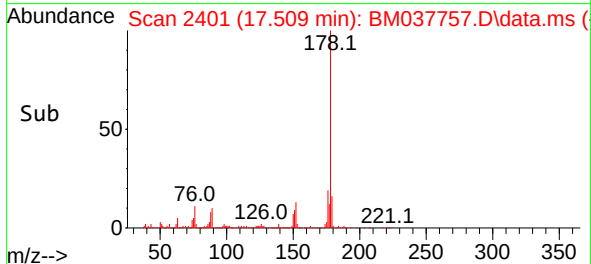
Instrument :
BNA_M
ClientSampleId :
ESQS9



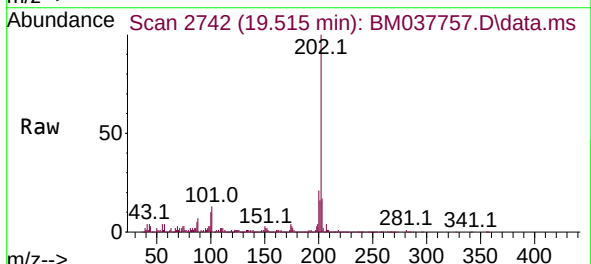
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Ion Ratio Lower Upper
178 100
179 15.7 12.0 18.0
176 19.2 15.4 23.2

Manual Integrations
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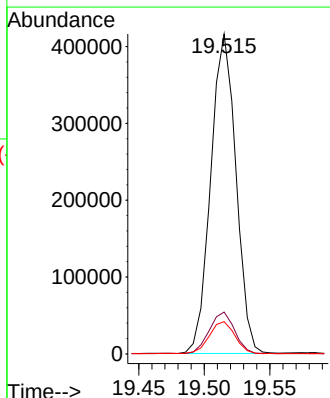
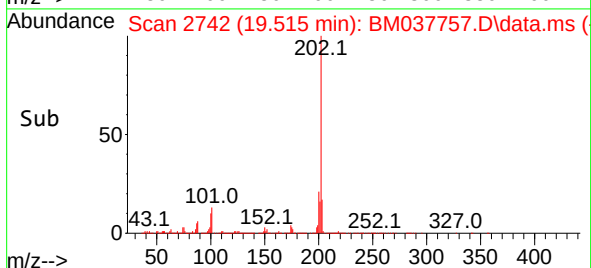
Reviewed By :Jagrut Upadhyay 11/29/2022
Supervised By :mohammad ahmed 11/30/2022

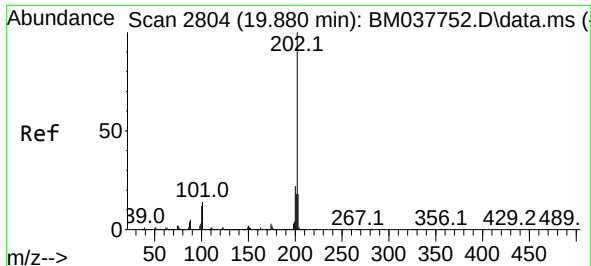


#80
Fluoranthene
Concen: 6.863 ng/ul
RT: 19.515 min Scan# 2742
Delta R.T. -0.000 min
Lab File: BM037757.D
Acq: 28 Nov 2022 13:32



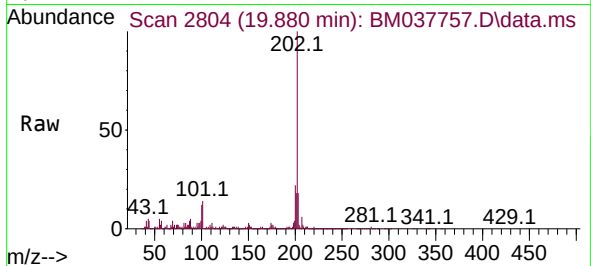
Tgt Ion:202 Resp: 557638
Ion Ratio Lower Upper
202 100
101 13.1 10.6 16.0
100 10.1 8.2 12.4





#82
Pyrene
Concen: 6.245 ng/ul
RT: 19.880 min Scan# 2804
Delta R.T. -0.000 min
Lab File: BM037757.D
Acq: 28 Nov 2022 13:32

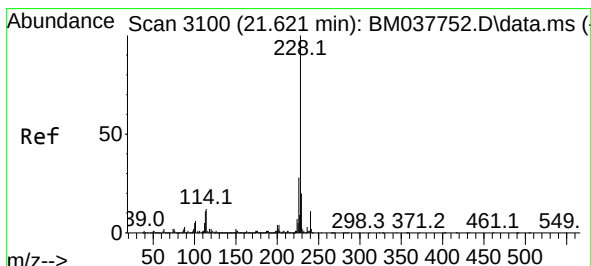
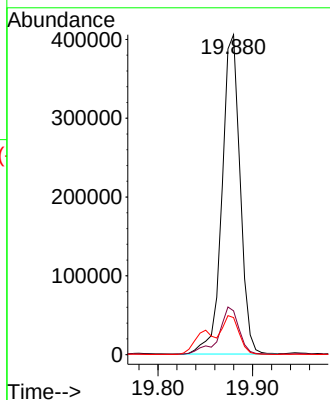
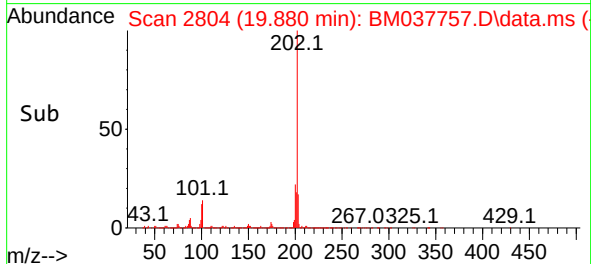
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:202 Resp: 535906
Ion Ratio Lower Upper
202 100
101 13.7 12.2 18.4
100 11.6 10.2 15.2

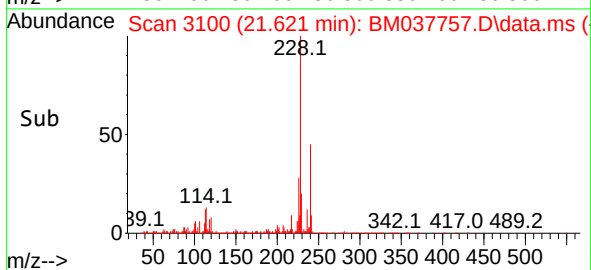
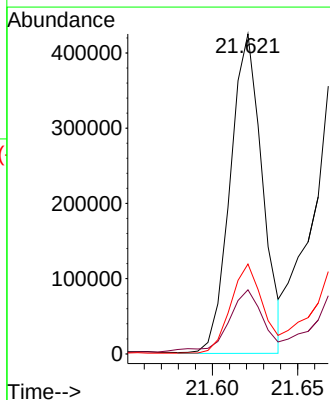
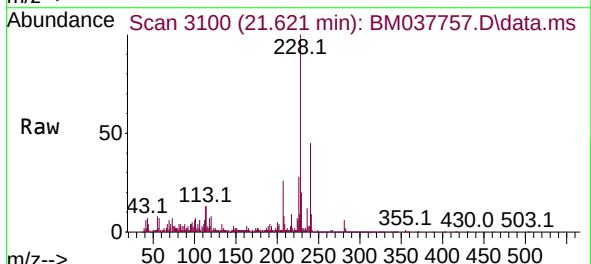
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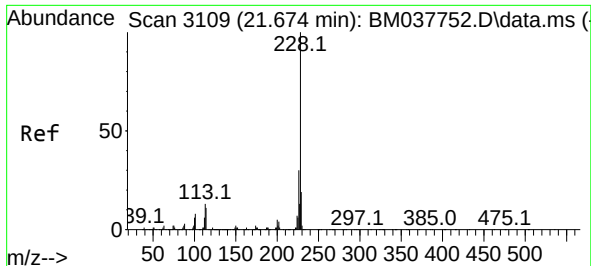
Reviewed By :Jagrut Upadhyay 11/29/2022
Supervised By :mohammad ahmed 11/30/2022



#85
Benzo(a)anthracene
Concen: 6.670 ng/ul
RT: 21.621 min Scan# 3100
Delta R.T. -0.000 min
Lab File: BM037757.D
Acq: 28 Nov 2022 13:32

Tgt Ion:228 Resp: 558522
Ion Ratio Lower Upper
228 100
229 20.0 15.6 23.4
226 28.1 22.2 33.2





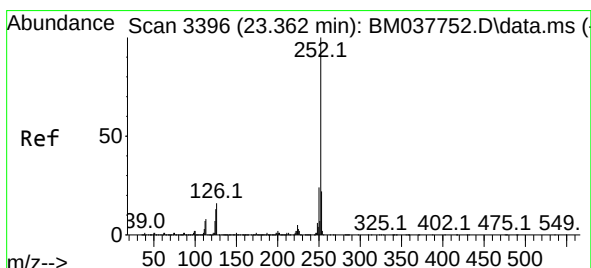
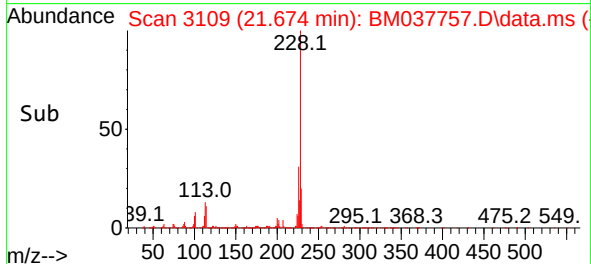
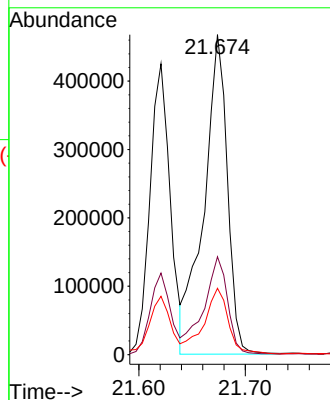
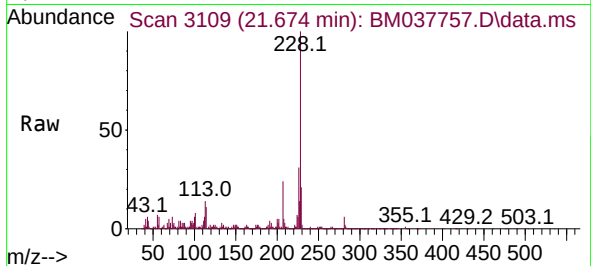
#87
Chrysene
Concen: 9.126 ng/u1
RT: 21.674 min Scan# 3109
Delta R.T. -0.000 min
Lab File: BM037757.D
Acq: 28 Nov 2022 13:32

Instrument :
BNA_M
ClientSampleId :
ESQS9

Tgt Ion:228 Resp: 719101
Ion Ratio Lower Upper
228 100
226 30.6 24.2 36.4
229 20.7 16.1 24.1

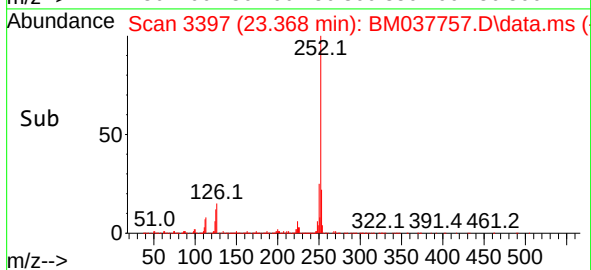
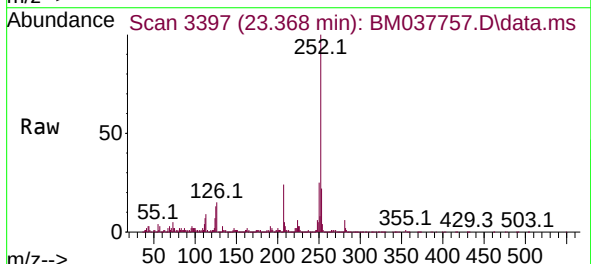
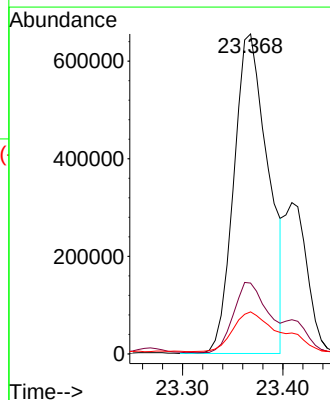
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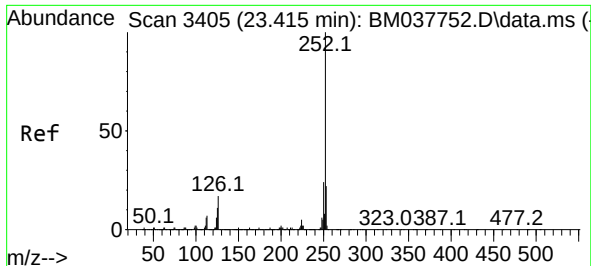
Reviewed By :Jagrut Upadhyay 11/29/2022
Supervised By :mohammad ahmed 11/30/2022



#90
Benzo(b)fluoranthene
Concen: 22.049 ng/u1
RT: 23.368 min Scan# 3397
Delta R.T. 0.006 min
Lab File: BM037757.D
Acq: 28 Nov 2022 13:32

Tgt Ion:252 Resp: 1562469
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.6
125 13.1 11.0 16.4





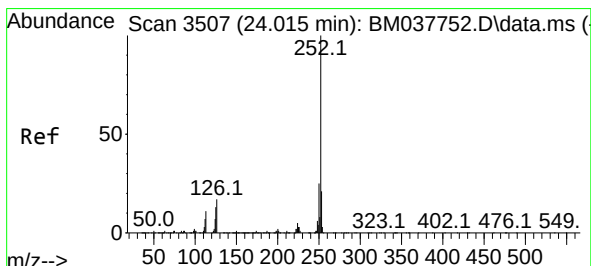
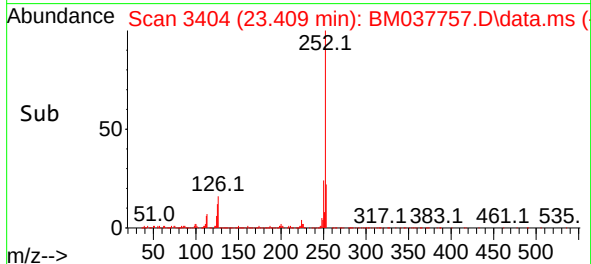
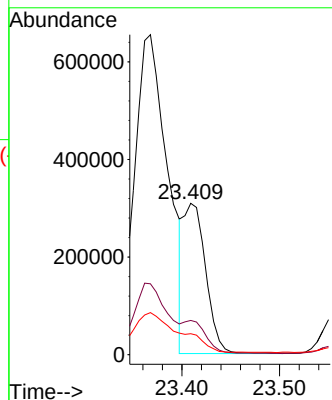
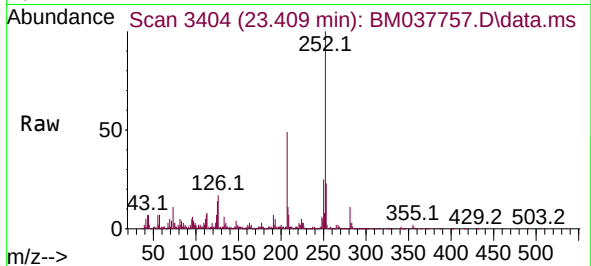
#91
Benzo(k)fluoranthene
Concen: 6.998 ng/ul m
RT: 23.409 min Scan# 3405
Delta R.T. -0.006 min
Lab File: BM037757.D
Acq: 28 Nov 2022 13:32

Instrument :
BNA_M
ClientSampleId :
ESQS9

Tgt Ion:252 Resp: 483612
Ion Ratio Lower Upper
252 100
253 22.5 17.5 26.3
125 13.8 10.6 16.0

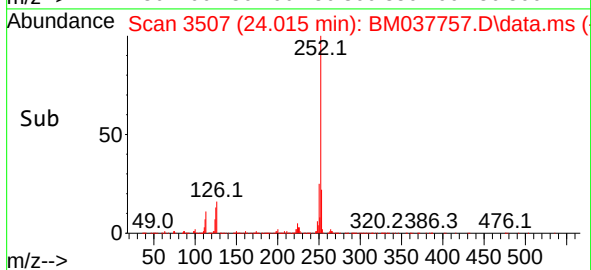
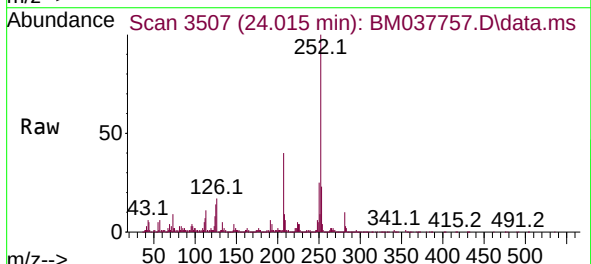
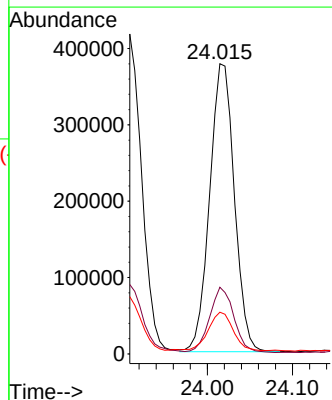
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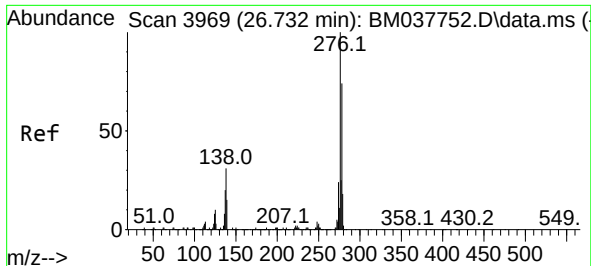
Reviewed By :Jagrut Upadhyay 11/29/2022
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#93
Benzo(a)pyrene
Concen: 12.331 ng/ul
RT: 24.015 min Scan# 3507
Delta R.T. -0.000 min
Lab File: BM037757.D
Acq: 28 Nov 2022 13:32

Tgt Ion:252 Resp: 759503
Ion Ratio Lower Upper
252 100
253 22.9 17.3 25.9
125 14.3 12.0 18.0





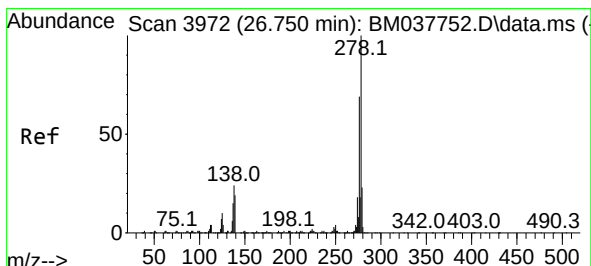
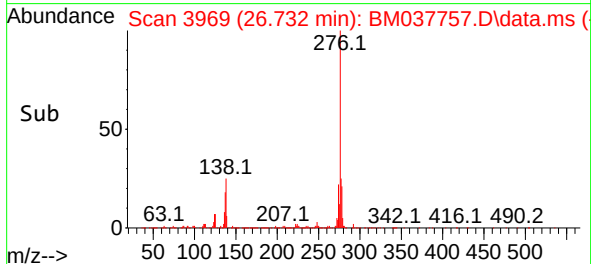
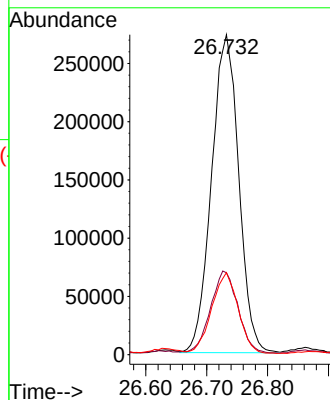
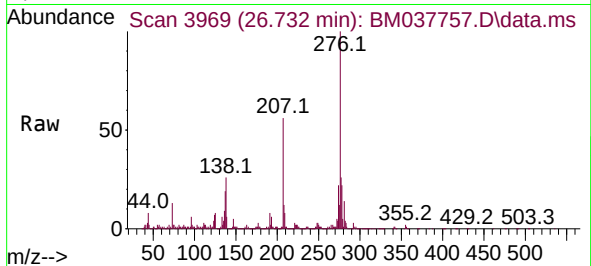
#94
Indeno(1,2,3-cd)pyrene
Concen: 11.997 ng/ul
RT: 26.732 min Scan# 3969
Delta R.T. -0.000 min
Lab File: BM037757.D
Acq: 28 Nov 2022 13:32

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:276 Resp: 847652
Ion Ratio Lower Upper
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138 25.6 26.9 40.3
277 25.6 19.9 29.9

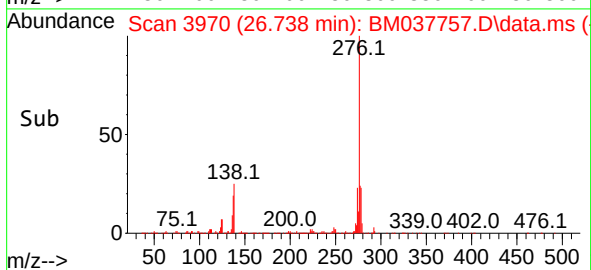
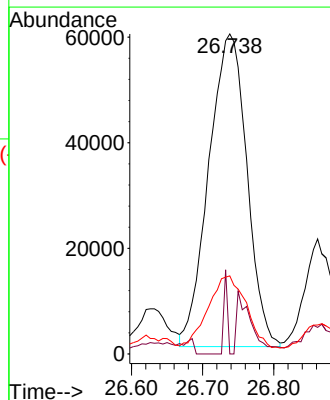
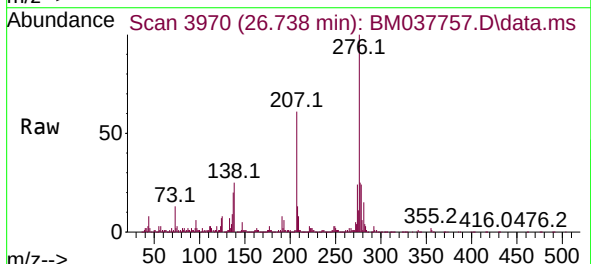
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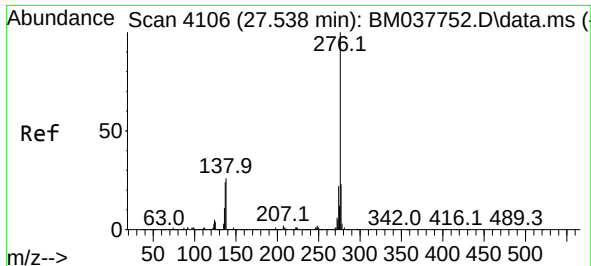
Reviewed By :Jagrut Upadhyay 11/29/2022
Supervised By :mohammad ahmed 11/30/2022



#95
Dibenzo(a,h)anthracene
Concen: 3.473 ng/ul m
RT: 26.738 min Scan# 3970
Delta R.T. -0.012 min
Lab File: BM037757.D
Acq: 28 Nov 2022 13:32

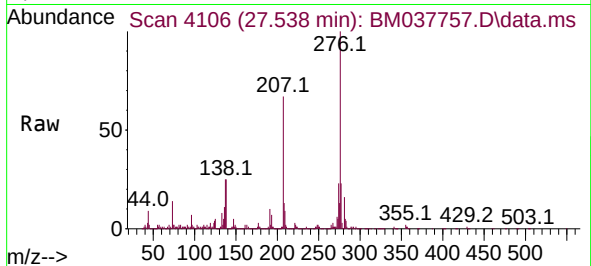
Tgt Ion:278 Resp: 220358
Ion Ratio Lower Upper
278 100
139 0.0 16.6 25.0
279 24.4 19.3 28.9





#96
 Benzo(g,h,i)perylene
 Concen: 12.725 ng/ul
 RT: 27.538 min Scan# 4106
 Delta R.T. -0.000 min
 Lab File: BM037757.D
 Acq: 28 Nov 2022 13:32

Instrument :
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Tgt Ion: 276 Resp: 782985
 Ion Ratio Lower Upper
 276 100
 138 25.0 23.4 35.2
 277 23.3 19.1 28.7

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