

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061424\
 Data File : BM046038.D
 Acq On : 14 Jun 2024 14:22
 Operator : MA/JU
 Sample : P2695-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BK1

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/17/2024
 Supervised By :mohammad ahmed 06/18/2024

Quant Time: Jun 14 23:51:05 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 11 16:01:34 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.434	152	115596	20.000	ng/u1	0.00
20) Naphthalene-d8	10.198	136	477283	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.080	164	287958	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.827	188	579394	20.000	ng/u1	0.00
79) Chrysene-d12	21.039	240	550599	20.000	ng/u1	0.00
88) Perylene-d12	23.744	264	673288	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.040	96	12266	4.114	ng/uL	0.00
4) Pyridine-d5	3.510	84	15259m	1.988	ng/u1	0.06
7) Phenol-d5	6.692	99	241276	24.569	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.798	67	179825	25.501	ng/u1	0.00
11) 2-Chlorophenol-d4	6.992	132	193411	26.367	ng/u1	0.00
15) 4-Methylphenol-d8	8.204	113	169993	22.913	ng/u1	0.00
21) Nitrobenzene-d5	8.604	128	94624	25.357	ng/u1	0.00
24) 2-Nitrophenol-d4	9.310	143	99518	26.350	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.869	165	186544	26.339	ng/u1	0.00
31) 4-Chloroaniline-d4	10.392	131	172794m	17.628	ng/u1	0.00
46) Dimethylphthalate-d6	13.527	166	582787	29.234	ng/u1	0.00
49) Acenaphthylene-d8	13.768	160	649786	28.069	ng/u1	0.00
54) 4-Nitrophenol-d4	14.386	143	78839m	18.325	ng/u1	0.00
60) Fluorene-d10	15.080	176	493604	29.024	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.227	200	58331	19.715	ng/u1	0.00
73) Anthracene-d10	16.927	188	735150	29.187	ng/u1	0.00
81) Pyrene-d10	19.227	212	783638	22.886	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.562	264	643349	20.445	ng/u1	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.286	105	14893	1.204	ng/u1	93
72) Phenanthrene	16.868	178	66996	2.195	ng/u1	97
80) Fluoranthene	18.892	202	172476	4.155	ng/u1	99
82) Pyrene	19.256	202	120355	2.822	ng/u1	98
85) Benzo(a)anthracene	21.027	228	73036	1.921	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	20.974	149	49695	1.924	ng/u1	99
87) Chrysene	21.080	228	89286	2.539	ng/u1	96
90) Benzo(b)fluoranthene	22.903	252	129915	3.140	ng/u1	99
91) Benzo(k)fluoranthene	22.956	252	44539m	1.102	ng/u1	
93) Benzo(a)pyrene	23.615	252	43739	1.203	ng/u1#	91
94) Indeno(1,2,3-cd)pyrene	26.726	276	45211	1.139	ng/u1#	93

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

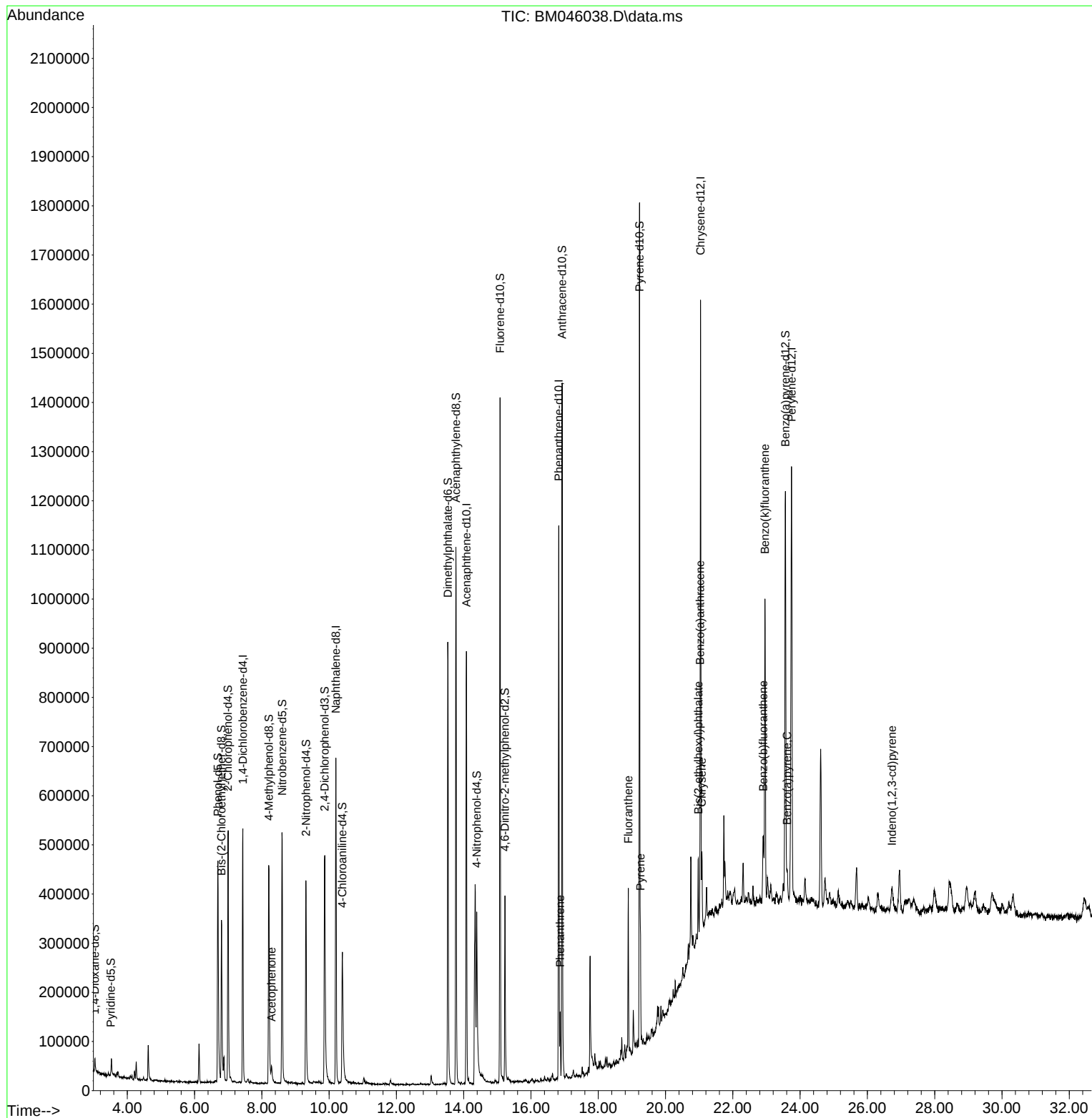
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061424\
Data File : BM046038.D
Acq On : 14 Jun 2024 14:22
Operator : MA/JU
Sample : P2695-08
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ALS Vial : 8 Sample Multiplier: 1

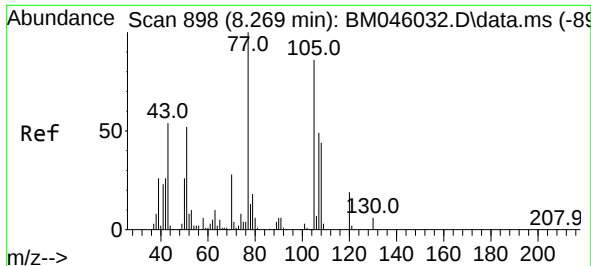
Instrument :
BNA_M
ClientSampleId :
A4BK1

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Quant Title : SVOA CALIBRATION
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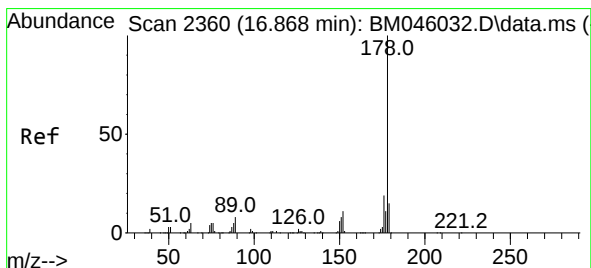
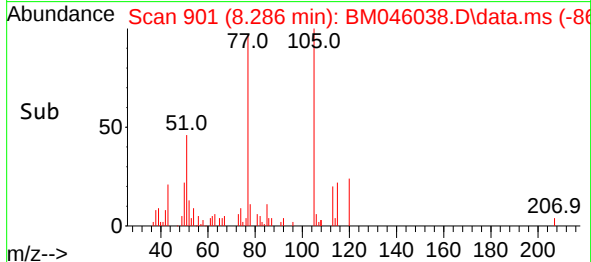
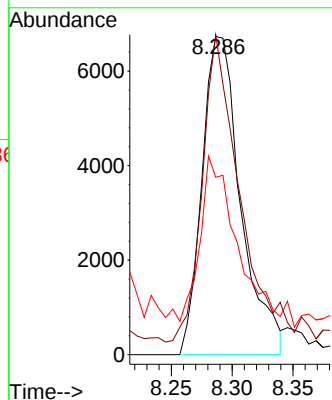
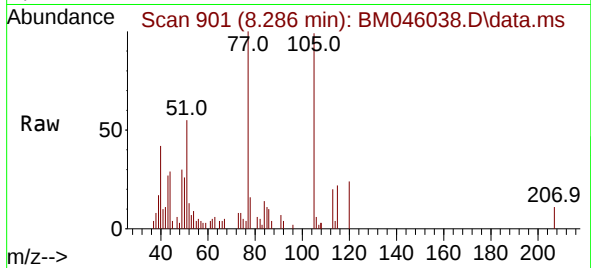
#16
Acetophenone
Concen: 1.204 ng/ul
RT: 8.286 min Scan# 901
Delta R.T. 0.012 min
Lab File: BM046038.D
Acq: 14 Jun 2024 14:22

Instrument :
BNA_M
ClientSampleId :
A4BK1

Tgt Ion:105 Resp: 1489
Ion Ratio Lower Upper
105 100
77 100.5 84.7 127.1
51 55.8 39.4 59.0

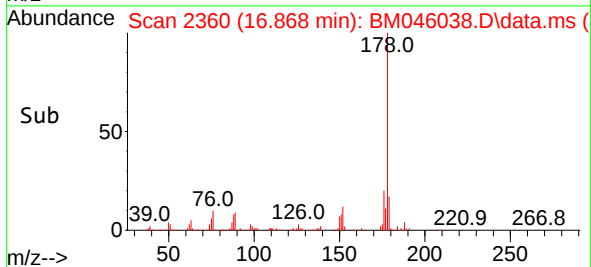
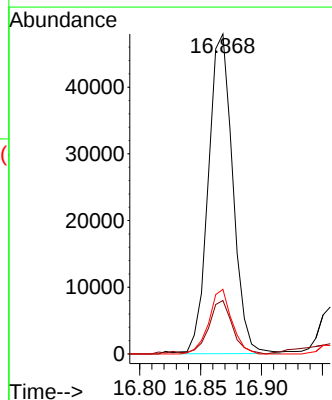
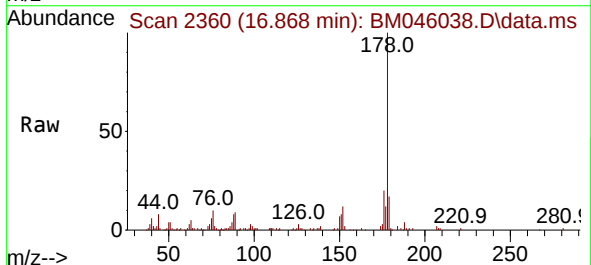
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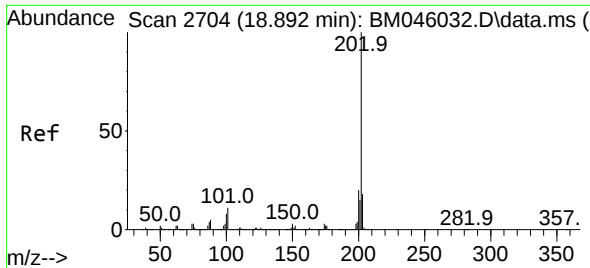
Reviewed By :Jagrut Upadhyay 06/17/2024
Supervised By :mohammad ahmed 06/18/2024



#72
Phenanthrene
Concen: 2.195 ng/ul
RT: 16.868 min Scan# 2360
Delta R.T. -0.000 min
Lab File: BM046038.D
Acq: 14 Jun 2024 14:22

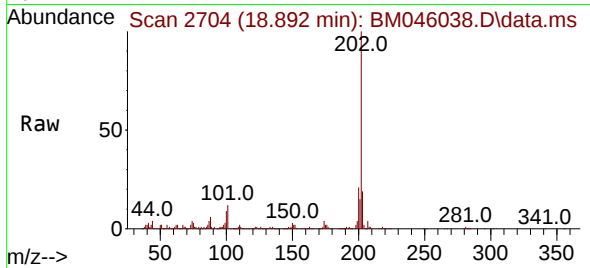
Tgt Ion:178 Resp: 66996
Ion Ratio Lower Upper
178 100
179 16.7 12.4 18.6
176 20.2 15.3 22.9





#80
Fluoranthene
Concen: 4.155 ng/u1
RT: 18.892 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM046038.D
Acq: 14 Jun 2024 14:22

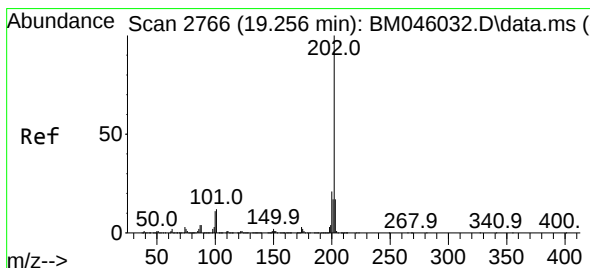
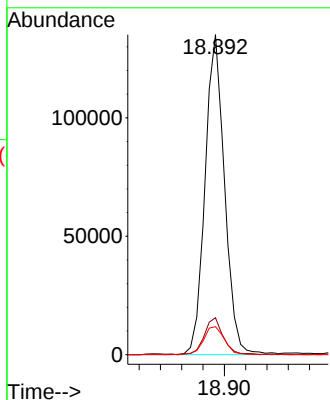
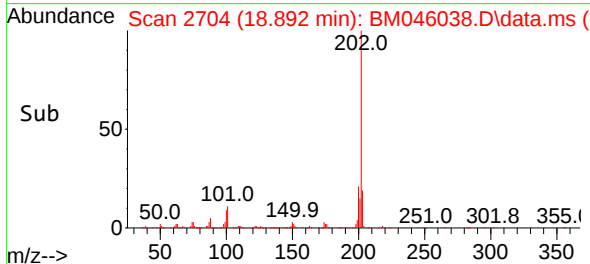
Instrument :
BNA_M
ClientSampleId :
A4BK1



Tgt Ion:202 Resp: 172470
Ion Ratio Lower Upper
202 100
101 11.5 8.9 13.3
100 8.7 6.6 10.0

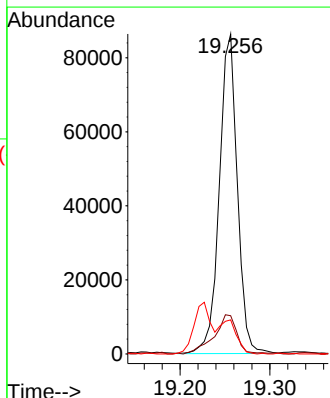
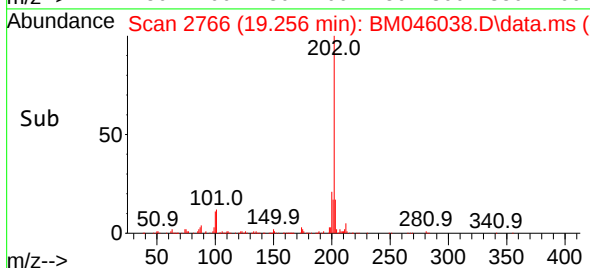
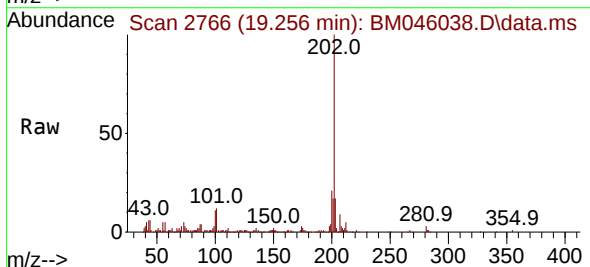
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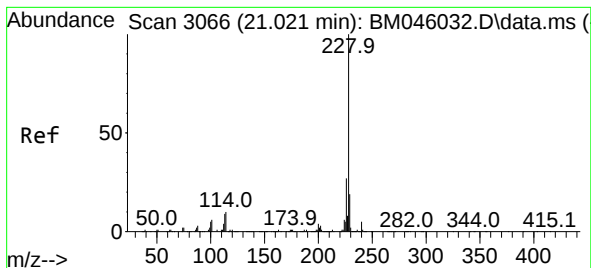
Reviewed By :Jagrut Upadhyay 06/17/2024
Supervised By :mohammad ahmed 06/18/2024



#82
Pyrene
Concen: 2.822 ng/u1
RT: 19.256 min Scan# 2766
Delta R.T. -0.000 min
Lab File: BM046038.D
Acq: 14 Jun 2024 14:22

Tgt Ion:202 Resp: 120355
Ion Ratio Lower Upper
202 100
101 11.9 10.5 15.7
100 10.7 8.6 12.8





#85

Benzo(a)anthracene

Concen: 1.921 ng/ul

RT: 21.027 min Scan# 3066

Delta R.T. -0.000 min

Lab File: BM046038.D

Acq: 14 Jun 2024 14:22

Instrument :

BNA_M

ClientSampleId :

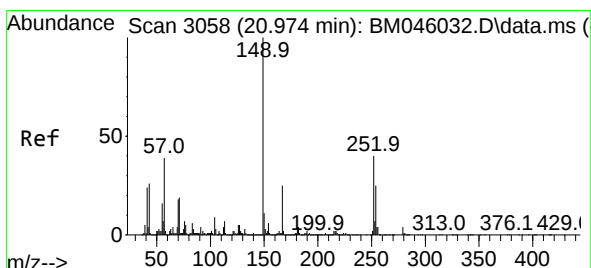
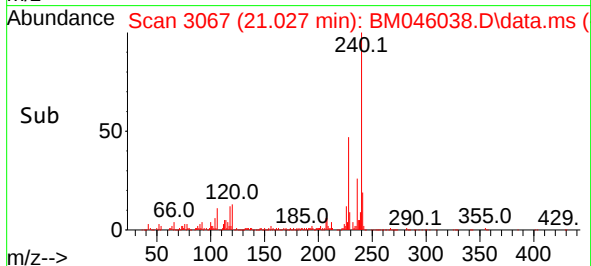
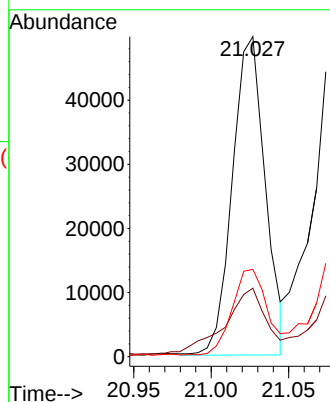
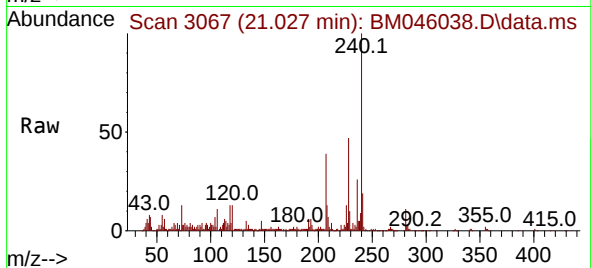
A4BK1

Tgt Ion:228	Resp:	73030
Ion Ratio	Lower	Upper
228	100	
229	21.4	15.8 23.8
226	27.3	21.4 32.0

Manual Integrations

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#86

Bis(2-ethylhexyl)phthalate

Concen: 1.924 ng/ul

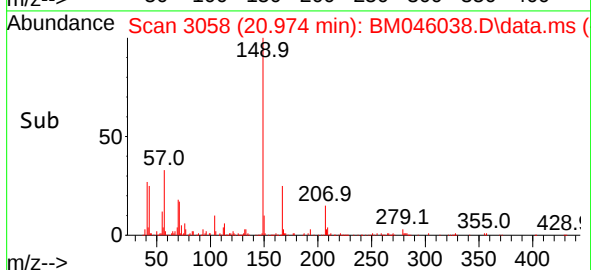
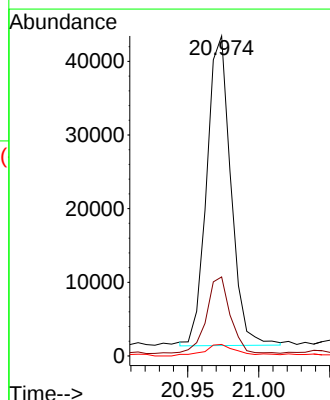
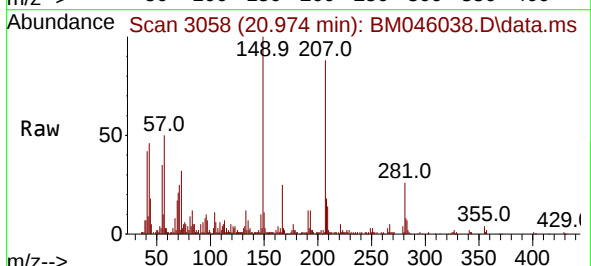
RT: 20.974 min Scan# 3058

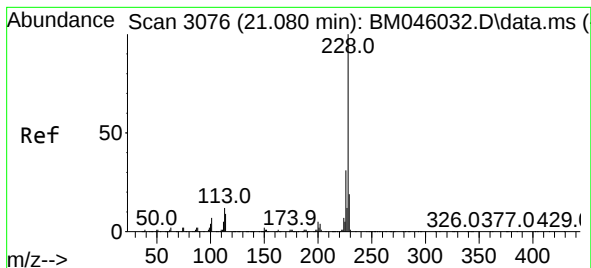
Delta R.T. -0.006 min

Lab File: BM046038.D

Acq: 14 Jun 2024 14:22

Tgt Ion:149	Resp:	49695
Ion Ratio	Lower	Upper
149	100	
167	24.7	20.4 30.6
279	3.6	3.1 4.7





#87

Chrysene

Concen: 2.539 ng/ul

RT: 21.080 min Scan# 3076

Delta R.T. -0.006 min

Lab File: BM046038.D

Acq: 14 Jun 2024 14:22

Instrument :

BNA_M

ClientSampleId :

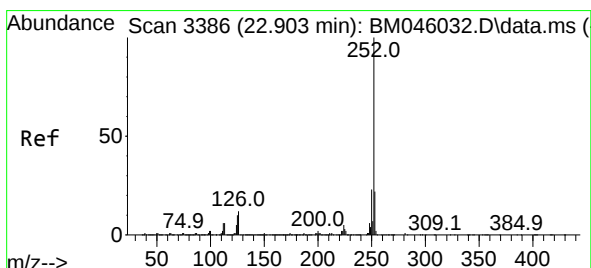
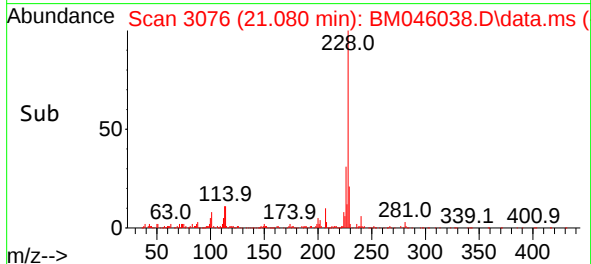
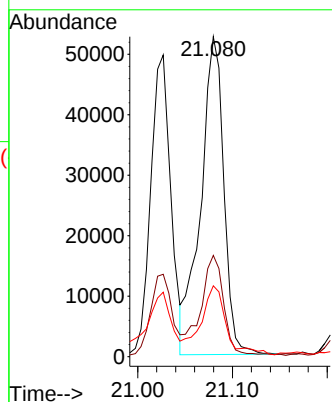
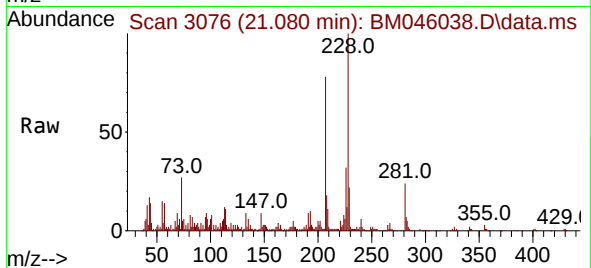
A4BK1

Tgt Ion:	228	Resp:	89280
Ion Ratio	Lower	Upper	
228	100		
226	31.7	24.2	36.2
229	22.1	15.2	22.8

Manual Integrations

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#90

Benzo(b)fluoranthene

Concen: 3.140 ng/ul

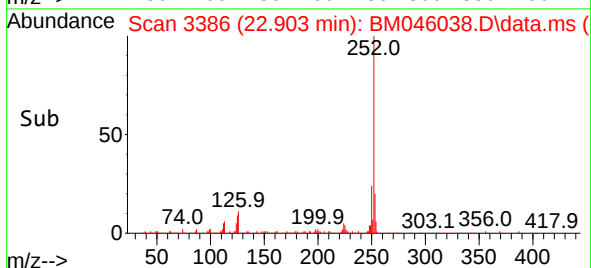
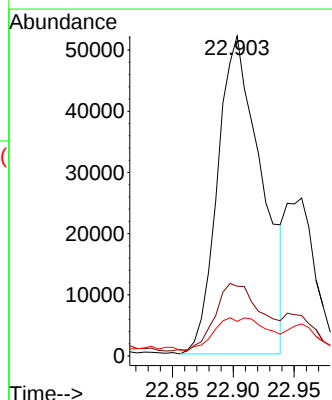
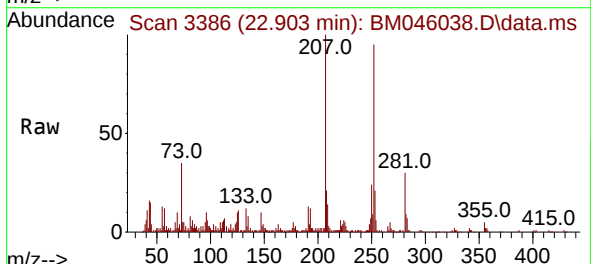
RT: 22.903 min Scan# 3386

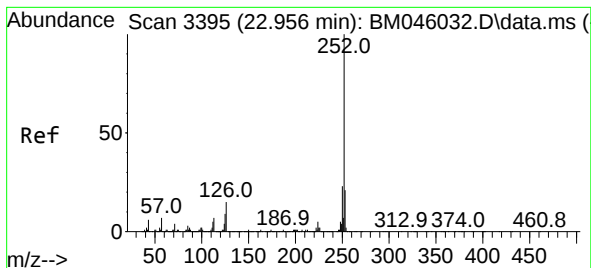
Delta R.T. -0.000 min

Lab File: BM046038.D

Acq: 14 Jun 2024 14:22

Tgt Ion:	252	Resp:	129915
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.8	26.6
125	10.8	8.4	12.6





#91

Benzo(k)fluoranthene

Concen: 1.102 ng/ul m

RT: 22.956 min Scan# 3

Delta R.T. -0.000 min

Lab File: BM046038.D

Acq: 14 Jun 2024 14:22

Instrument :

BNA_M

ClientSampleId :

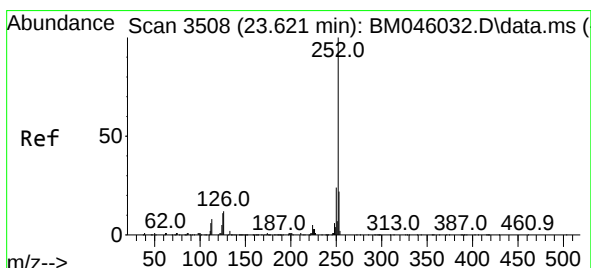
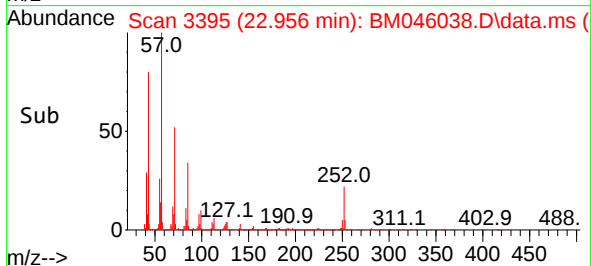
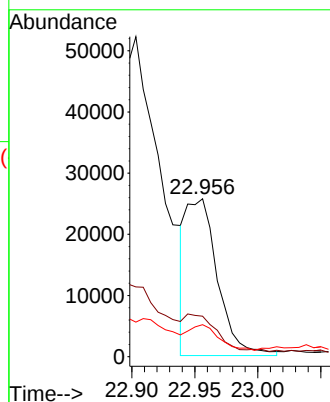
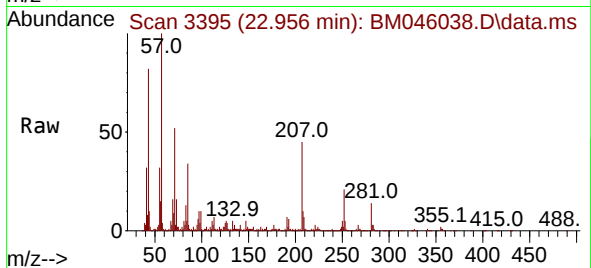
A4BK1

Tgt Ion:	252	Resp:	44539
Ion Ratio	Lower	Upper	
252	100		
253	25.7	16.8	25.2
125	20.2	8.2	12.4

Manual Integrations

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#93

Benzo(a)pyrene

Concen: 1.203 ng/ul

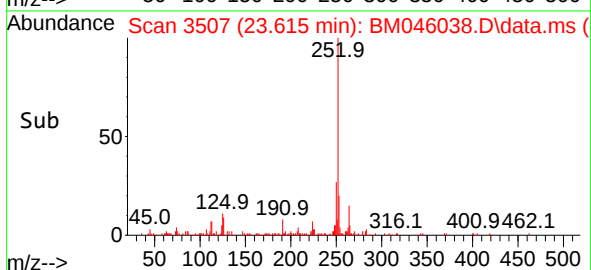
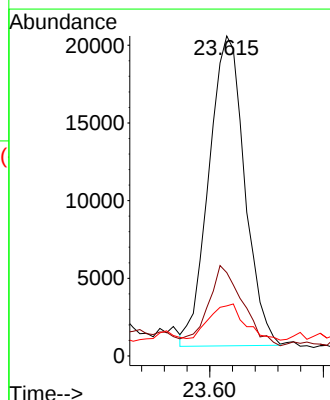
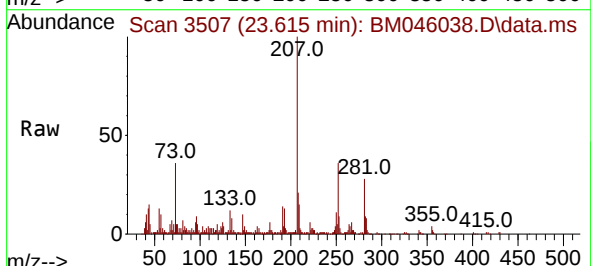
RT: 23.615 min Scan# 3507

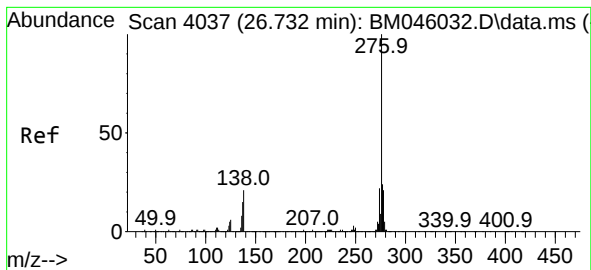
Delta R.T. -0.006 min

Lab File: BM046038.D

Acq: 14 Jun 2024 14:22

Tgt Ion:	252	Resp:	43739
Ion Ratio	Lower	Upper	
252	100		
253	26.1	17.5	26.3
125	15.7	9.3	13.9





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.139 ng/ul

RT: 26.726 min Scan# 4036

Delta R.T. -0.000 min

Lab File: BM046038.D

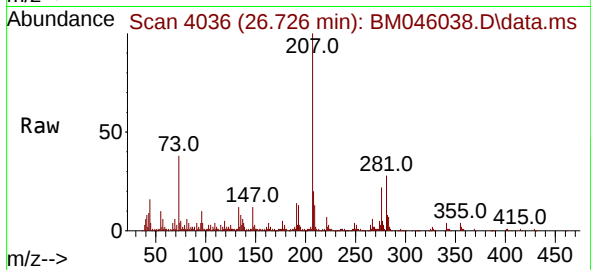
Acq: 14 Jun 2024 14:22

Instrument :

BNA_M

ClientSampleId :

A4BK1



Tgt Ion:276 Resp: 4521

Ion Ratio Lower Upper

276 100

138 27.8 17.9 26.9

277 22.3 19.0 28.6

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