

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060424\
 Data File : BM045824.D
 Acq On : 04 Jun 2024 19:52
 Operator : MA/JU
 Sample : P2589-13
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BH6C7

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/05/2024
 Supervised By :mohammad ahmed 06/07/2024

Quant Time: Jun 04 23:00:17 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 31 13:01:11 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.469	152	250944	20.000	ng/u1	0.00
20) Naphthalene-d8	10.233	136	1053263	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.110	164	656363	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.857	188	1330551	20.000	ng/u1	0.00
79) Chrysene-d12	21.062	240	1195217	20.000	ng/u1	0.00
88) Perylene-d12	23.786	264	1148101	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.058	96	17180	2.654	ng/uL	0.00
4) Pyridine-d5	3.475	84	174772	10.487	ng/u1	0.00
7) Phenol-d5	6.722	99	362840	17.020	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.834	67	274269	17.917	ng/u1	0.00
11) 2-Chlorophenol-d4	7.028	132	282889	17.765	ng/u1	0.00
15) 4-Methylphenol-d8	8.234	113	263291	16.347	ng/u1	0.00
21) Nitrobenzene-d5	8.634	128	149364	18.137	ng/u1	0.00
24) 2-Nitrophenol-d4	9.345	143	145838	17.498	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.892	165	280751	17.963	ng/u1	0.00
31) 4-Chloroaniline-d4	10.422	131	378711	17.508	ng/u1	0.00
46) Dimethylphthalate-d6	13.563	166	946341	20.826	ng/u1	0.00
49) Acenaphthylene-d8	13.798	160	1024386	19.414	ng/u1	0.00
54) 4-Nitrophenol-d4	14.404	143	133359	13.599	ng/u1	0.00
60) Fluorene-d10	15.110	176	802997	20.715	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.245	200	104389	15.364	ng/u1	0.00
73) Anthracene-d10	16.951	188	1210162	20.922	ng/u1	0.00
81) Pyrene-d10	19.251	212	1540255	20.722	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.597	264	1185277	22.089	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	16.892	178	195075	2.782	ng/u1	98
80) Fluoranthene	18.915	202	388353	4.310	ng/u1	97
82) Pyrene	19.280	202	346909	3.747	ng/u1	97
85) Benzo(a)anthracene	21.045	228	167064	2.024	ng/u1	98
87) Chrysene	21.103	228	180155	2.360	ng/u1	97
90) Benzo(b)fluoranthene	22.933	252	194335	2.754	ng/u1#	97
91) Benzo(k)fluoranthene	22.980	252	75803m	1.100	ng/u1	
93) Benzo(a)pyrene	23.656	252	117184	1.890	ng/u1#	93
94) Indeno(1,2,3-cd)pyrene	26.779	276	71068	1.050	ng/u1	96
96) Benzo(g,h,i)perylene	27.703	276	71501	1.199	ng/u1	95

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

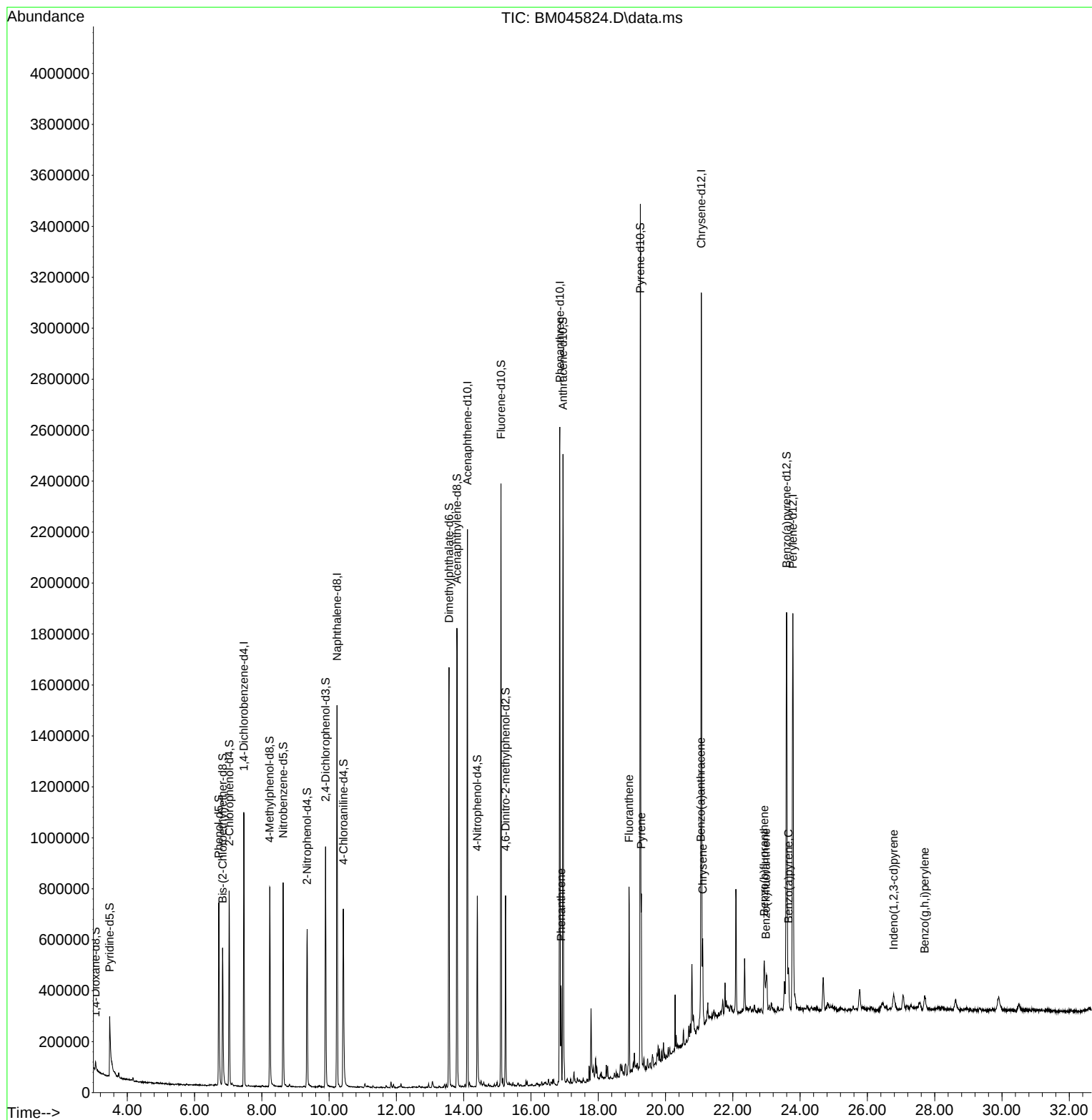
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060424\
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 ALS Vial : 14 Sample Multiplier: 1

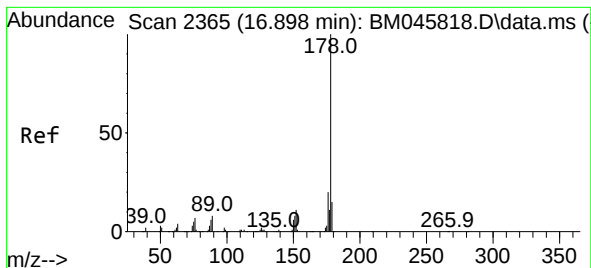
Instrument :
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#72

Phenanthrene

Concen: 2.782 ng/ul

RT: 16.892 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM045824.D

Acq: 04 Jun 2024 19:52

Instrument :

BNA_M

ClientSampleId :

BH6C7

Tgt Ion:178 Resp: 195079

Ion Ratio Lower Upper

178 100

179 15.6 12.4 18.6

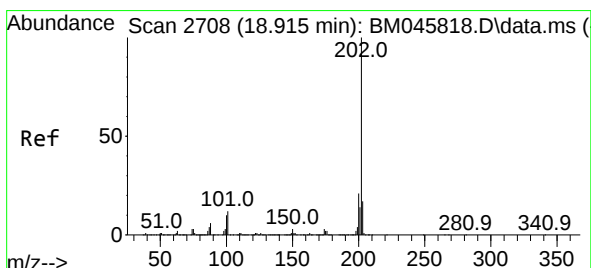
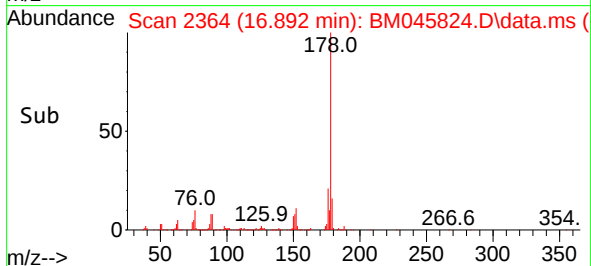
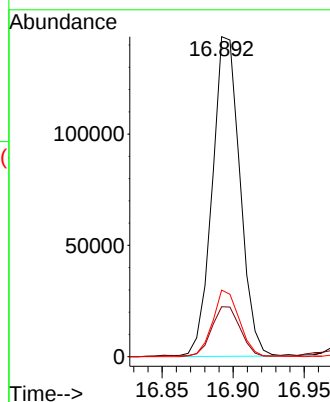
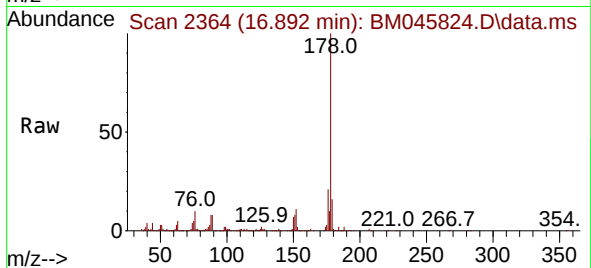
176 20.8 15.3 22.9

Manual Integrations

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#80

Fluoranthene

Concen: 4.310 ng/ul

RT: 18.915 min Scan# 2708

Delta R.T. -0.006 min

Lab File: BM045824.D

Acq: 04 Jun 2024 19:52

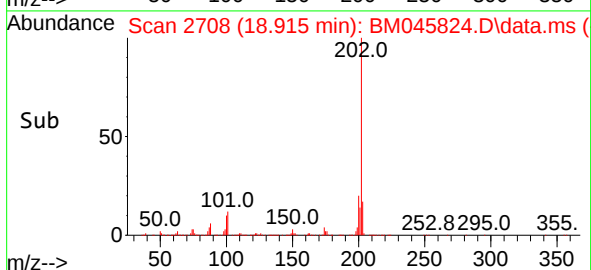
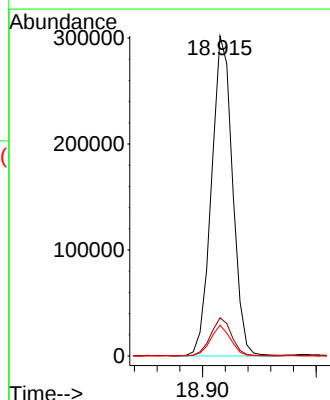
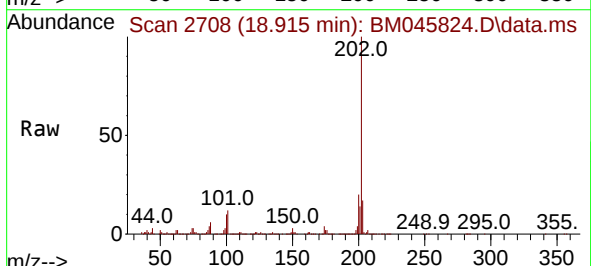
Tgt Ion:202 Resp: 388353

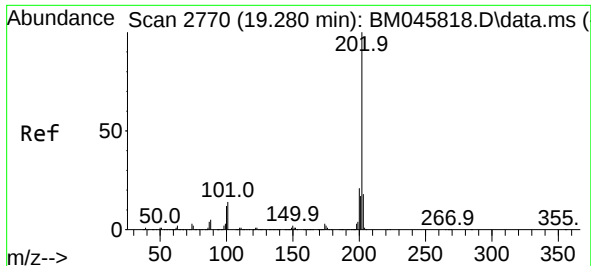
Ion Ratio Lower Upper

202 100

101 12.0 8.9 13.3

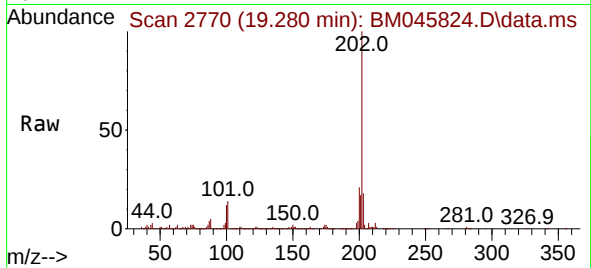
100 9.6 6.6 10.0





#82
Pyrene
Concen: 3.747 ng/ul
RT: 19.280 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM045824.D
Acq: 04 Jun 2024 19:52

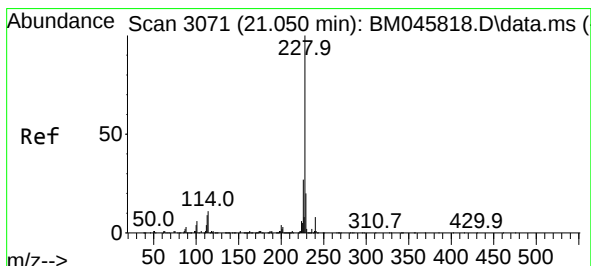
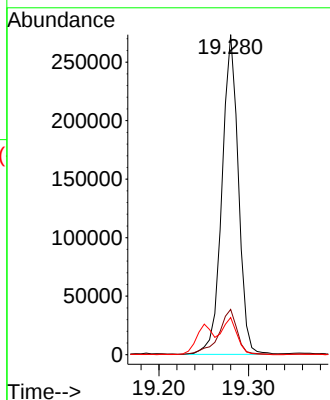
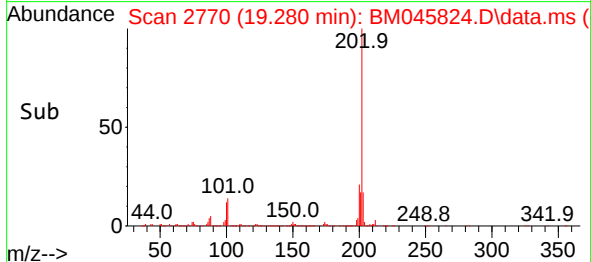
Instrument :
BNA_M
ClientSampleId :
BH6C7



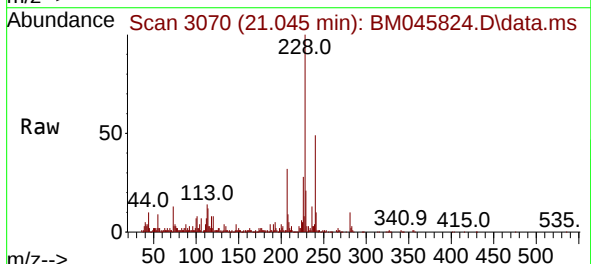
Tgt Ion:202 Resp: 346909
Ion Ratio Lower Upper
202 100
101 14.2 10.5 15.7
100 11.6 8.6 12.8

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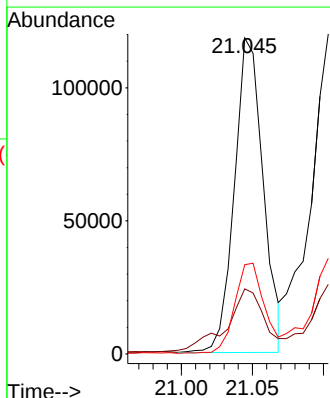
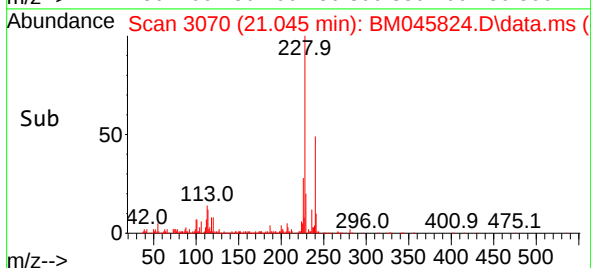
Reviewed By :Jagrut Upadhyay 06/05/2024
Supervised By :mohammad ahmed 06/07/2024

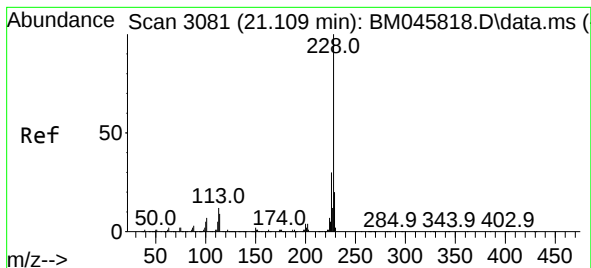


#85
Benzo(a)anthracene
Concen: 2.024 ng/ul
RT: 21.045 min Scan# 3070
Delta R.T. -0.006 min
Lab File: BM045824.D
Acq: 04 Jun 2024 19:52



Tgt Ion:228 Resp: 167064
Ion Ratio Lower Upper
228 100
229 20.6 15.8 23.8
226 28.2 21.4 32.0





#87

Chrysene

Concen: 2.360 ng/ul

RT: 21.103 min Scan# 3081

Delta R.T. -0.006 min

Lab File: BM045824.D

Acq: 04 Jun 2024 19:52

Instrument :

BNA_M

ClientSampleId :

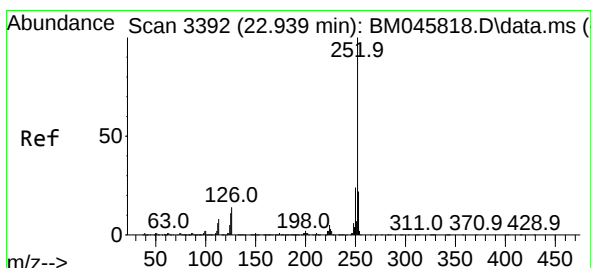
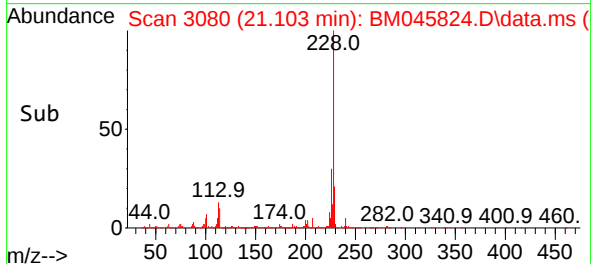
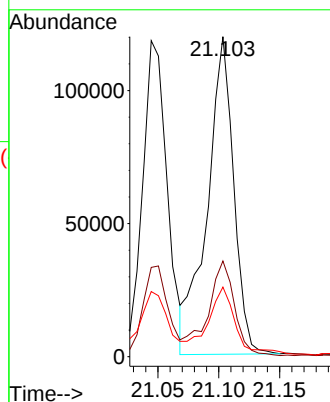
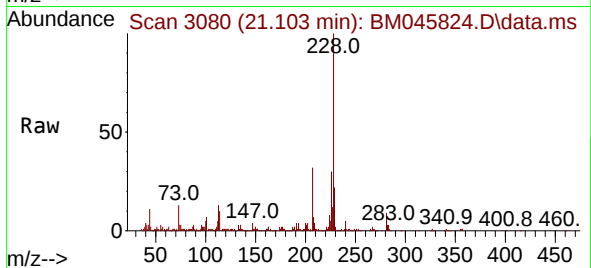
BH6C7

Tgt Ion:228 Resp: 18015
 Ion Ratio Lower Upper
 228 100
 226 29.9 24.2 36.2
 229 21.8 15.2 22.8

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#90

Benzo(b)fluoranthene

Concen: 2.754 ng/ul

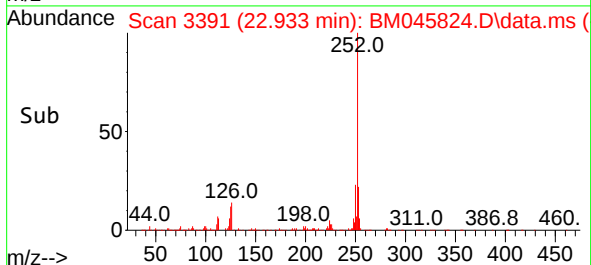
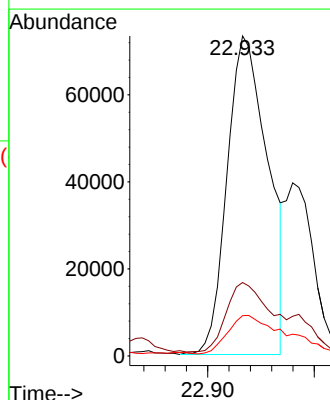
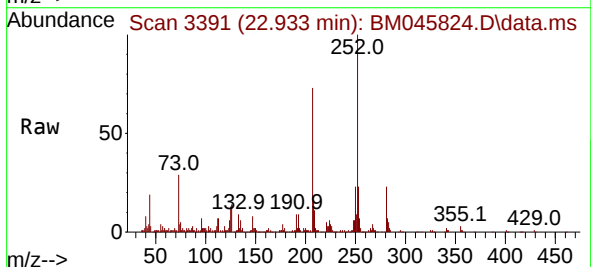
RT: 22.933 min Scan# 3391

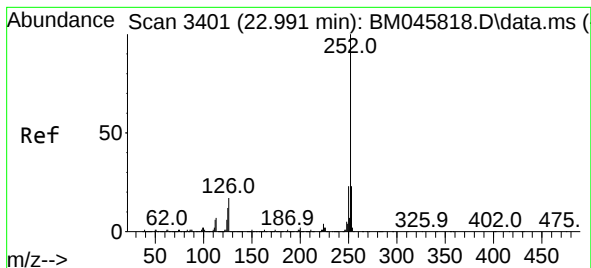
Delta R.T. -0.006 min

Lab File: BM045824.D

Acq: 04 Jun 2024 19:52

Tgt Ion:252 Resp: 194335
 Ion Ratio Lower Upper
 252 100
 253 23.0 17.8 26.6
 125 12.6 8.4 12.6#





#91

Benzo(k)fluoranthene

Concen: 1.100 ng/ul m

RT: 22.980 min Scan# 31

Delta R.T. -0.018 min

Lab File: BM045824.D

Acq: 04 Jun 2024 19:52

Instrument :

BNA_M

ClientSampleId :

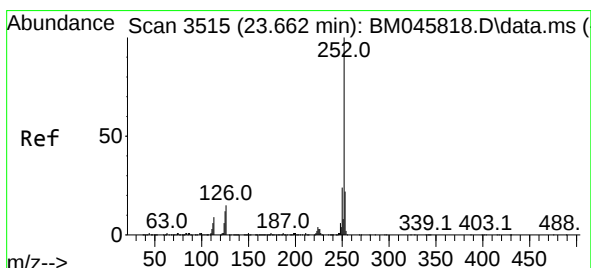
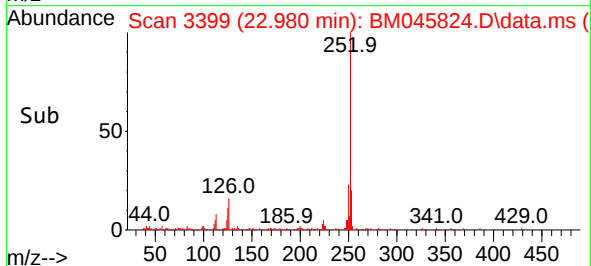
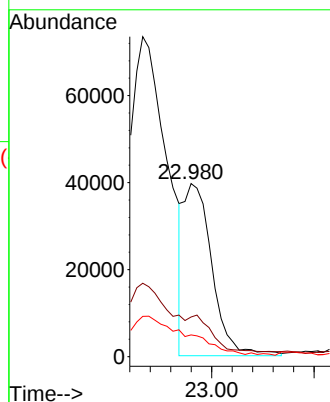
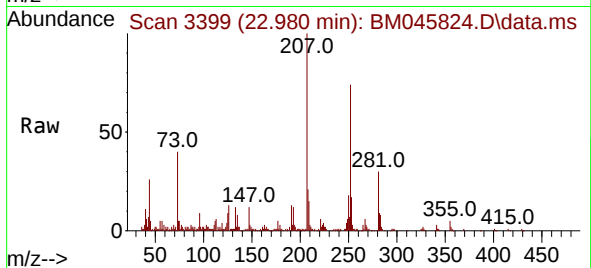
BH6C7

Tgt Ion:	252	Resp:	7580
Ion Ratio	Lower	Upper	
252	100		
253	22.9	16.8	25.2
125	12.5	8.2	12.4

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#93

Benzo(a)pyrene

Concen: 1.890 ng/ul

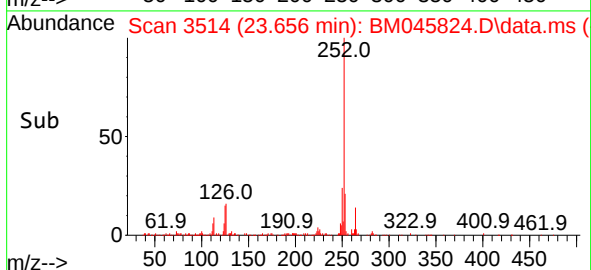
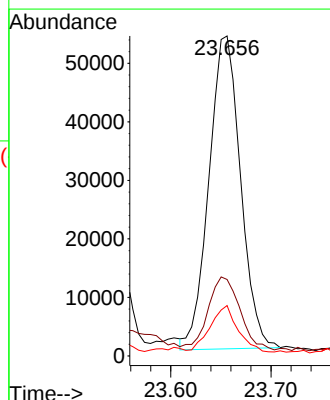
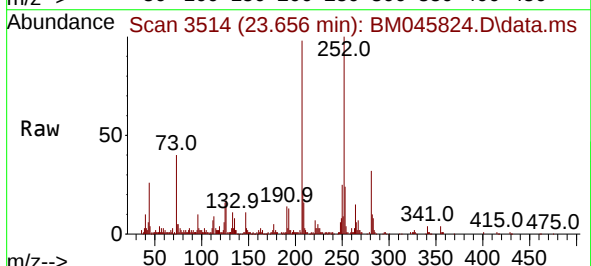
RT: 23.656 min Scan# 3514

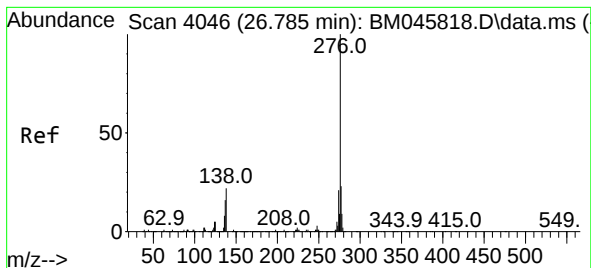
Delta R.T. -0.006 min

Lab File: BM045824.D

Acq: 04 Jun 2024 19:52

Tgt Ion:	252	Resp:	117184
Ion Ratio	Lower	Upper	
252	100		
253	23.9	17.5	26.3
125	15.7	9.3	13.9





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.050 ng/ul

RT: 26.779 min Scan# 4046

Delta R.T. -0.012 min

Lab File: BM045824.D

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BNA_M

ClientSampleId :

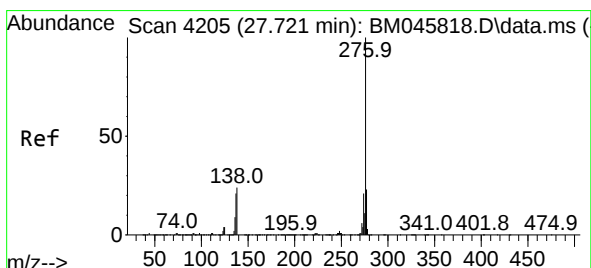
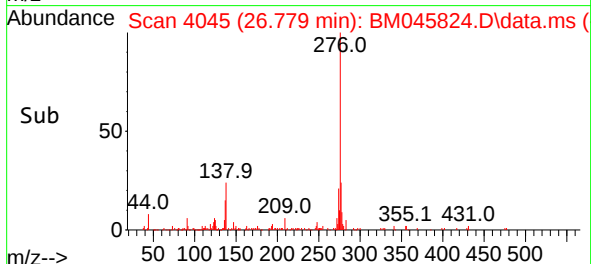
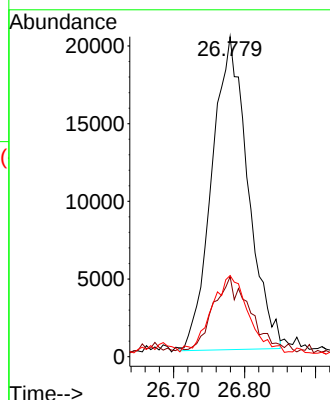
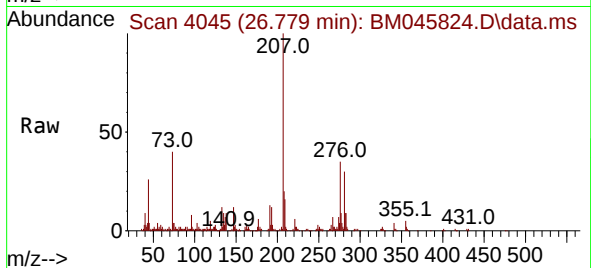
BH6C7

Tgt Ion:	276	Resp:	71068
Ion Ratio	Lower	Upper	
276	100		
138	25.0	17.9	26.9
277	25.3	19.0	28.6

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#96

Benzo(g,h,i)perylene

Concen: 1.199 ng/ul

RT: 27.703 min Scan# 4202

Delta R.T. -0.024 min

Lab File: BM045824.D

Acq: 04 Jun 2024 19:52

Tgt Ion:	276	Resp:	71501
Ion Ratio	Lower	Upper	
276	100		
138	21.9	18.6	27.8
277	19.7	18.7	28.1

