

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080624\
 Data File : BM047033.D
 Acq On : 06 Aug 2024 21:57
 Operator : RC/JU
 Sample : P3328-14
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E20L7

Quant Time: Aug 07 01:46:06 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 07 01:21:15 2024
 Response via : Initial Calibration

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

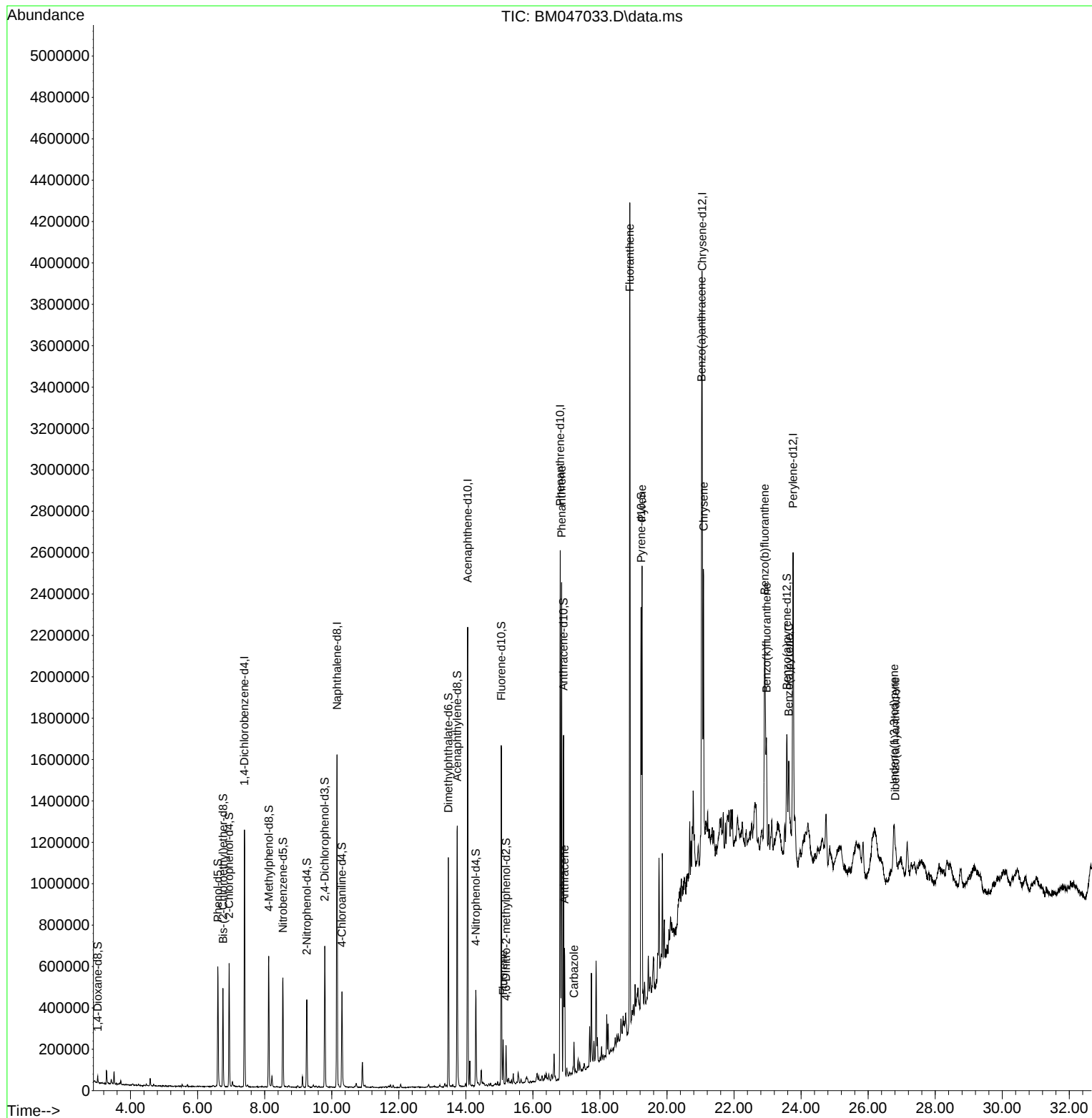
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.398	152	338751	20.000	ng/ul	0.00
20) Naphthalene-d8	10.157	136	1281551	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.057	164	767534	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.815	188	1466764	20.000	ng/ul	0.00
79) Chrysene-d12	21.050	240	1088884	20.000	ng/ul	0.00
88) Perylene-d12	23.762	264	1257653	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.022	96	14379	1.682	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	6.604	99	314862	12.236	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.757	67	202424	11.955	ng/ul	0.00
11) 2-Chlorophenol-d4	6.939	132	259976	11.927	ng/ul	0.00
15) 4-Methylphenol-d8	8.122	113	230271	11.296	ng/ul	0.00
21) Nitrobenzene-d5	8.545	128	123413	12.001	ng/ul	0.00
24) 2-Nitrophenol-d4	9.257	143	133321	11.872	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.792	165	258813	12.003	ng/ul	0.00
31) 4-Chloroaniline-d4	10.304	131	251798	8.886	ng/ul	0.00
46) Dimethylphthalate-d6	13.480	166	716437	12.208	ng/ul	0.00
49) Acenaphthylene-d8	13.745	160	833782	12.728	ng/ul	0.00
54) 4-Nitrophenol-d4	14.298	143	98341	8.667	ng/ul	0.00
60) Fluorene-d10	15.057	176	628054	12.510	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.198	200	37058	3.999	ng/ul	0.00
73) Anthracene-d10	16.915	188	911876	13.114	ng/ul	0.00
81) Pyrene-d10	19.227	212	753658	12.091	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.574	264	485263	7.328	ng/ul	0.00
Target Compounds						
					Qvalue	
61) Fluorene	15.115	166	87290	1.512	ng/ul	98
72) Phenanthrene	16.856	178	1356915	16.503	ng/ul	99
74) Anthracene	16.945	178	386341	4.659	ng/ul	100
77) Carbazole	17.227	167	86303	1.123	ng/ul	99
80) Fluoranthene	18.892	202	2393554	32.131	ng/ul	99
82) Pyrene	19.256	202	1283966	16.176	ng/ul	97
85) Benzo(a)anthracene	21.033	228	898155	11.294	ng/ul	97
87) Chrysene	21.092	228	806615	10.635	ng/ul	97
90) Benzo(b)fluoranthene	22.915	252	1021273	13.128	ng/ul#	98
91) Benzo(k)fluoranthene	22.968	252	373533	4.859	ng/ul#	92
93) Benzo(a)pyrene	23.633	252	314311	4.337	ng/ul#	92
94) Indeno(1,2,3-cd)pyrene	26.773	276	302274	3.255	ng/ul	96
95) Dibenzo(a,h)anthracene	26.809	278	123605	1.657	ng/ul#	81

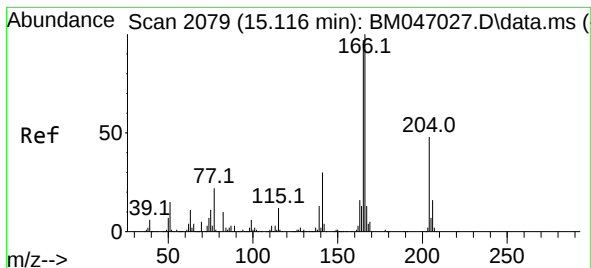
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080624\
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Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 07 01:21:15 2024
Response via : Initial Calibration





#61

Fluorene

Concen: 1.512 ng/ul

RT: 15.115 min Scan# 2079

Delta R.T. -0.000 min

Lab File: BM047033.D

Acq: 06 Aug 2024 21:57

Instrument :

BNA_M

ClientSampleId :

E20L7

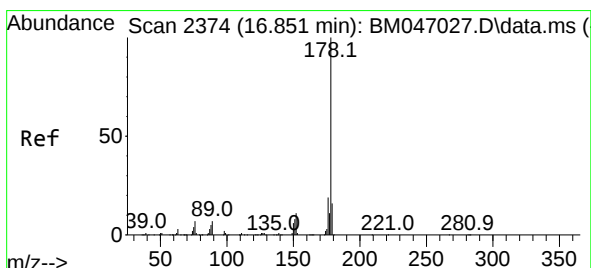
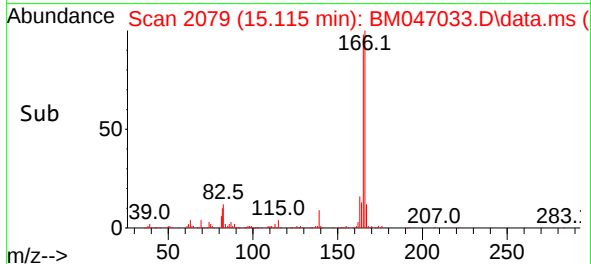
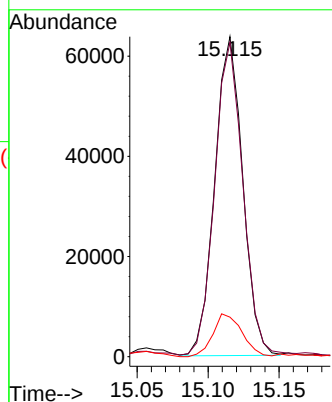
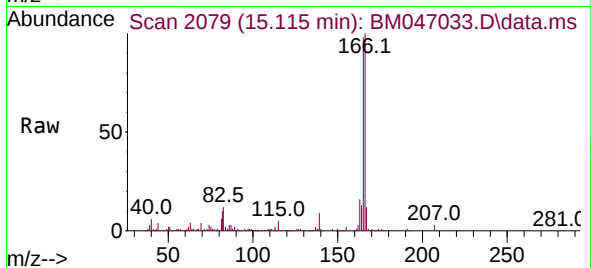
Tgt Ion:166 Resp: 87290

Ion Ratio Lower Upper

166 100

165 98.2 79.5 119.3

167 12.4 11.5 17.3



#72

Phenanthrene

Concen: 16.503 ng/ul

RT: 16.856 min Scan# 2375

Delta R.T. 0.006 min

Lab File: BM047033.D

Acq: 06 Aug 2024 21:57

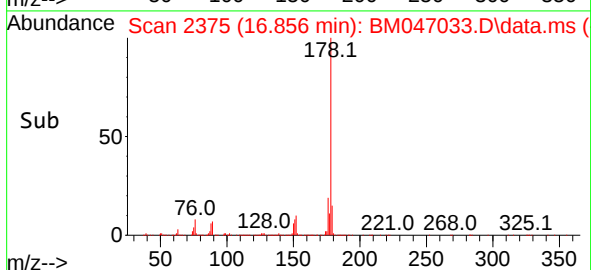
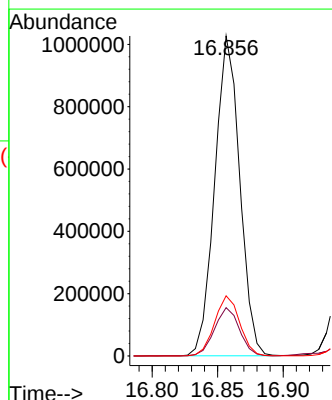
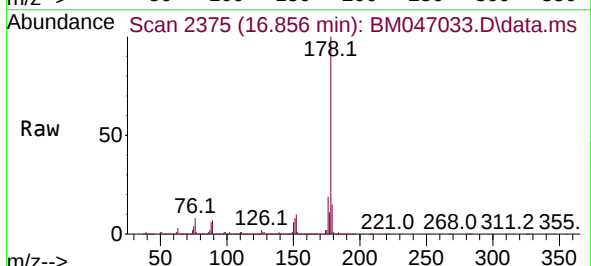
Tgt Ion:178 Resp: 1356915

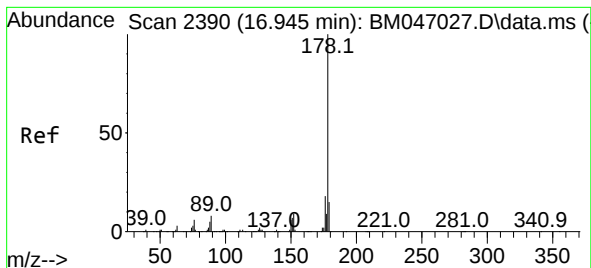
Ion Ratio Lower Upper

178 100

179 15.1 12.3 18.5

176 18.8 15.3 22.9





#74

Anthracene

Concen: 4.659 ng/ul

RT: 16.945 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM047033.D

Acq: 06 Aug 2024 21:57

Instrument :

BNA_M

ClientSampleId :

E20L7

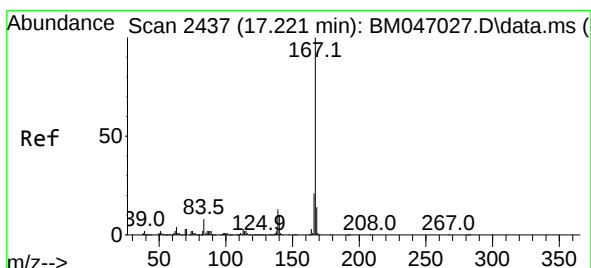
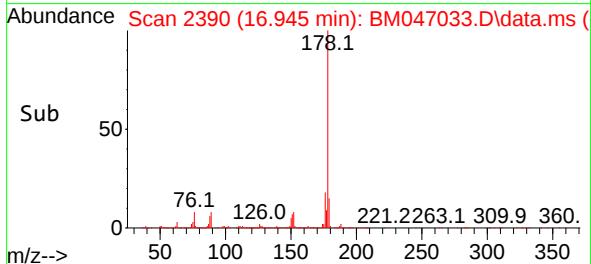
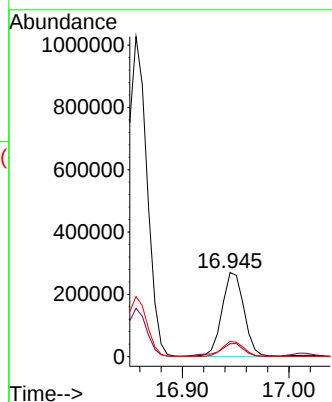
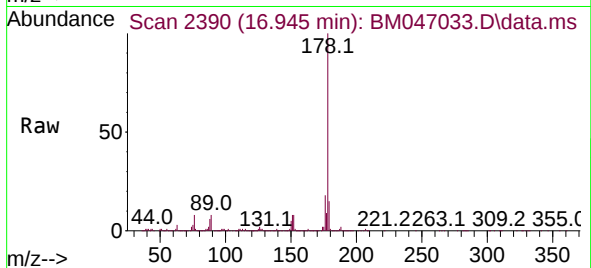
Tgt Ion:178 Resp: 386341

Ion Ratio Lower Upper

178 100

179 15.3 12.2 18.2

176 18.3 14.6 22.0



#77

Carbazole

Concen: 1.123 ng/ul

RT: 17.227 min Scan# 2438

Delta R.T. 0.006 min

Lab File: BM047033.D

Acq: 06 Aug 2024 21:57

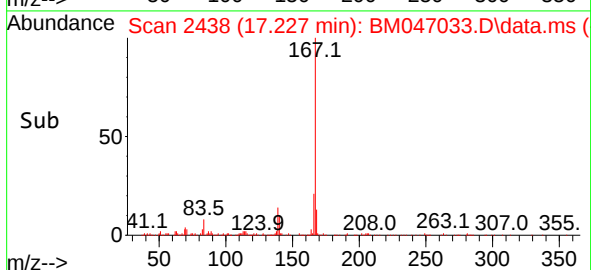
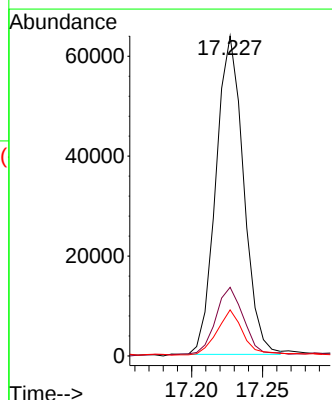
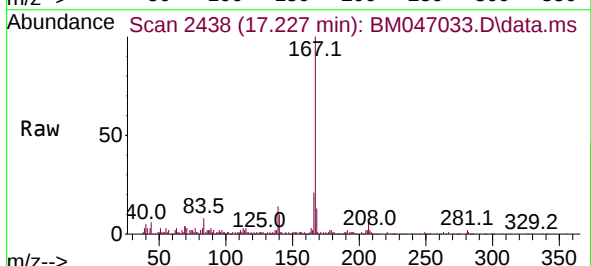
Tgt Ion:167 Resp: 86303

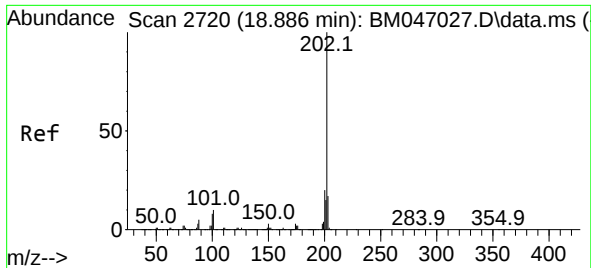
Ion Ratio Lower Upper

167 100

166 21.5 17.0 25.4

139 14.4 10.6 16.0

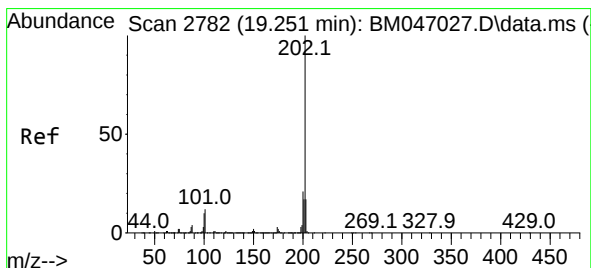
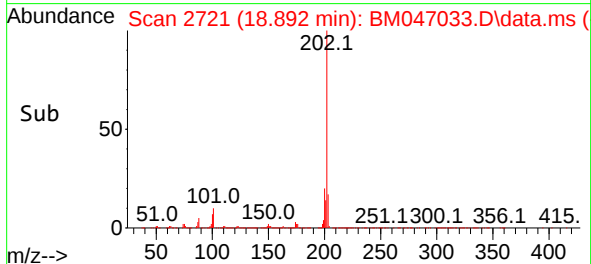
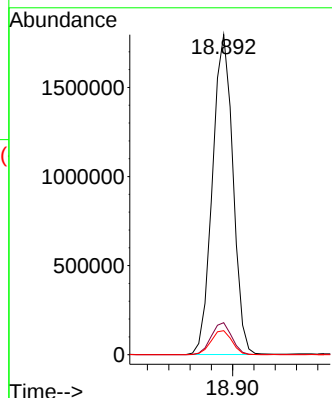
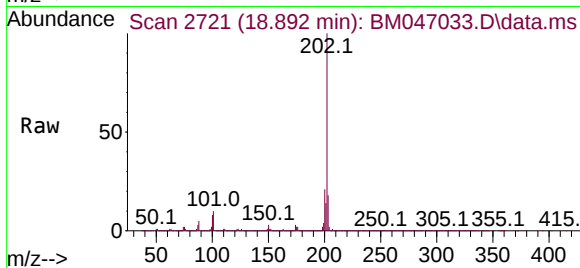




#80
Fluoranthene
Concen: 32.131 ng/u1
RT: 18.892 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM047033.D
Acq: 06 Aug 2024 21:57

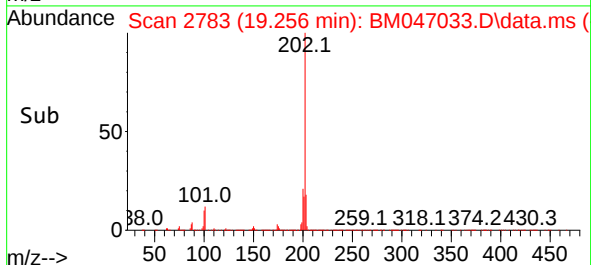
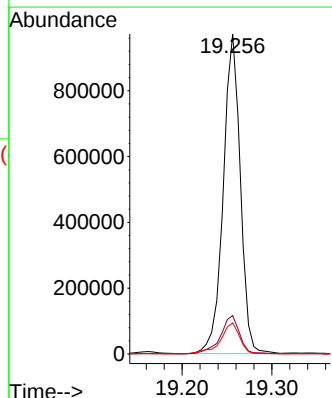
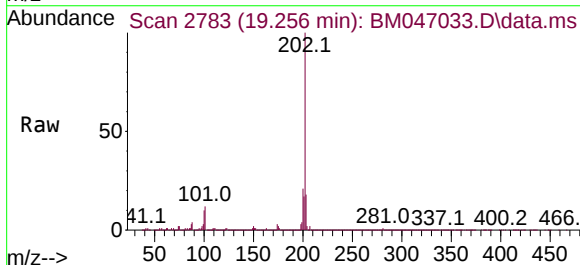
Instrument :
BNA_M
ClientSampleId :
E20L7

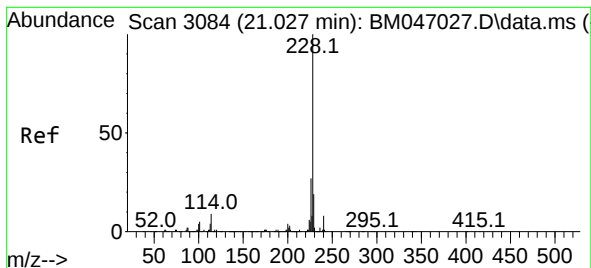
Tgt Ion:202 Resp: 2393554
Ion Ratio Lower Upper
202 100
101 10.0 7.8 11.6
100 7.5 5.9 8.9



#82
Pyrene
Concen: 16.176 ng/u1
RT: 19.256 min Scan# 2783
Delta R.T. 0.006 min
Lab File: BM047033.D
Acq: 06 Aug 2024 21:57

Tgt Ion:202 Resp: 1283966
Ion Ratio Lower Upper
202 100
101 12.0 8.7 13.1
100 9.7 6.8 10.2





#85

Benzo(a)anthracene

Concen: 11.294 ng/u1

RT: 21.033 min Scan# 3085

Delta R.T. 0.006 min

Lab File: BM047033.D

Acq: 06 Aug 2024 21:57

Instrument :

BNA_M

ClientSampleId :

E20L7

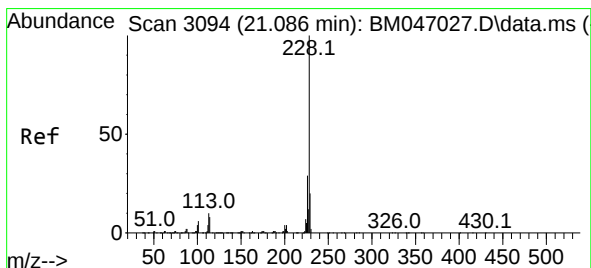
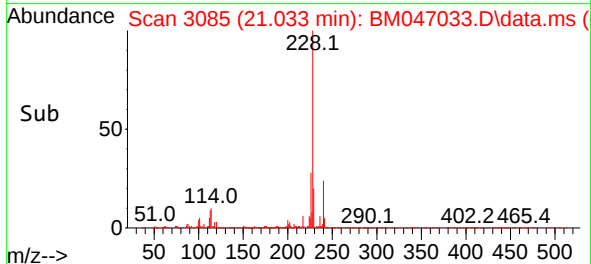
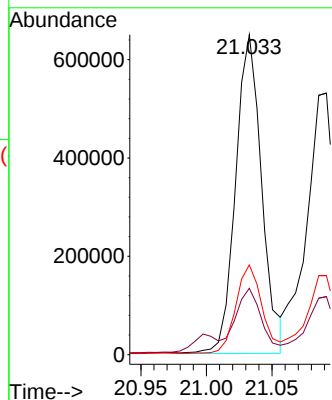
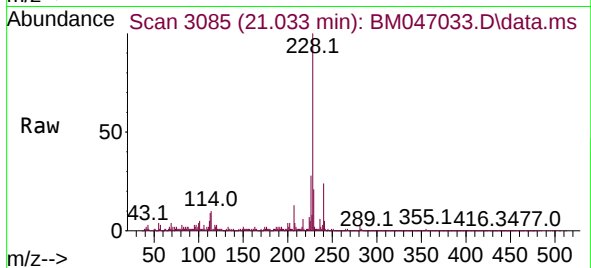
Tgt Ion:228 Resp: 898155

Ion Ratio Lower Upper

228 100

229 20.8 15.5 23.3

226 28.1 21.2 31.8



#87

Chrysene

Concen: 10.635 ng/u1

RT: 21.092 min Scan# 3095

Delta R.T. 0.006 min

Lab File: BM047033.D

Acq: 06 Aug 2024 21:57

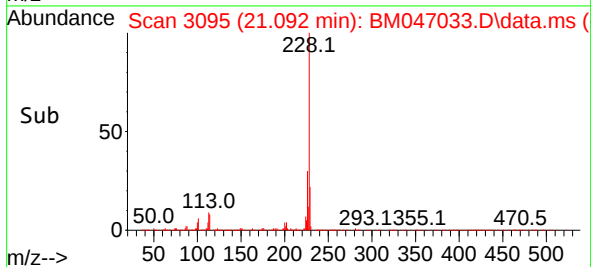
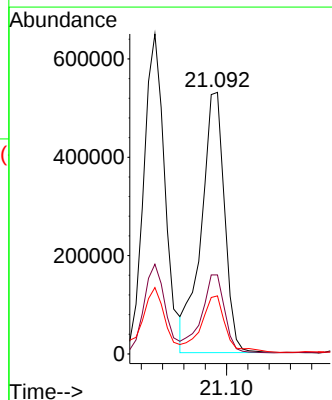
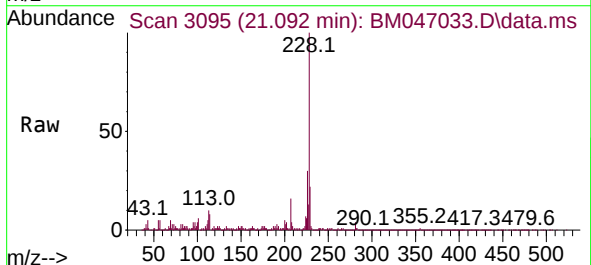
Tgt Ion:228 Resp: 806615

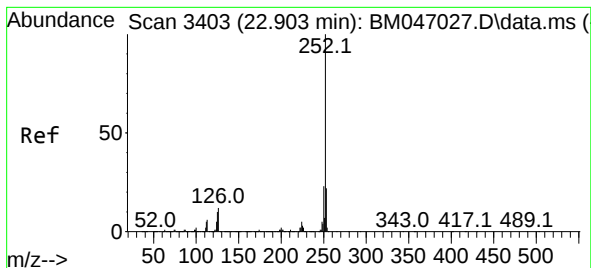
Ion Ratio Lower Upper

228 100

226 30.2 24.0 36.0

229 22.2 15.5 23.3





#90

Benzo(b)fluoranthene

Concen: 13.128 ng/ul

RT: 22.915 min Scan# 3405

Delta R.T. 0.012 min

Lab File: BM047033.D

Acq: 06 Aug 2024 21:57

Instrument :

BNA_M

ClientSampleId :

E20L7

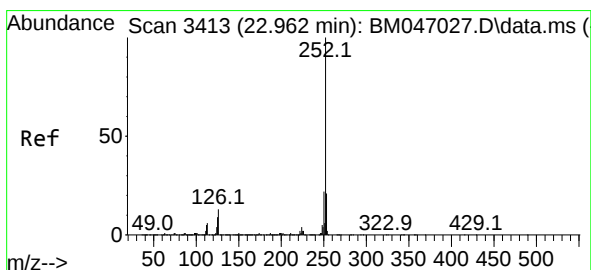
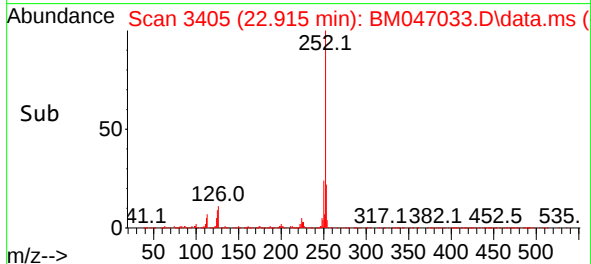
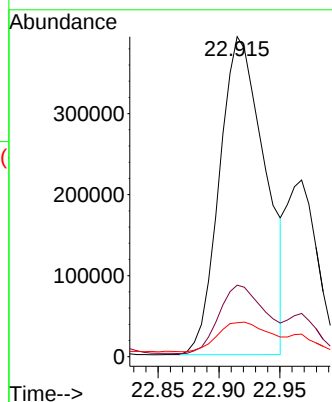
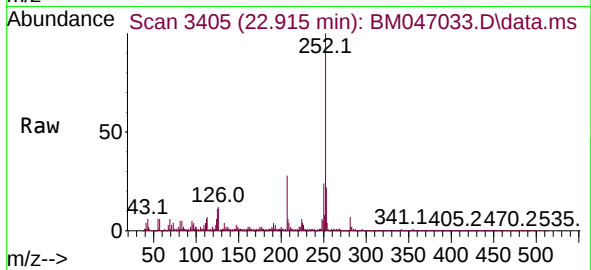
Tgt Ion:252 Resp: 1021273

Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.2

125 10.6 7.0 10.6#



#91

Benzo(k)fluoranthene

Concen: 4.859 ng/ul

RT: 22.968 min Scan# 3414

Delta R.T. 0.006 min

Lab File: BM047033.D

Acq: 06 Aug 2024 21:57

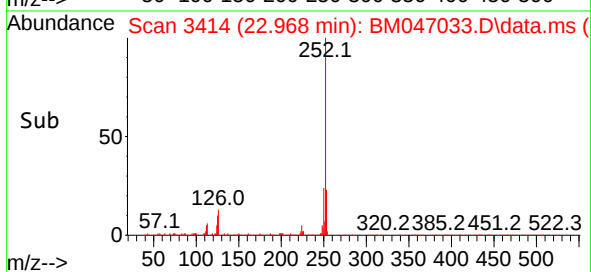
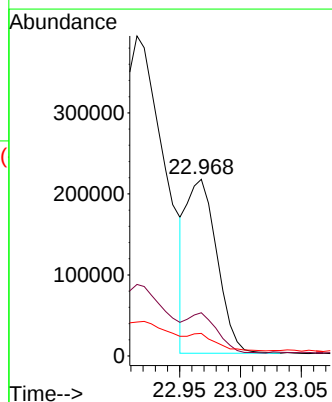
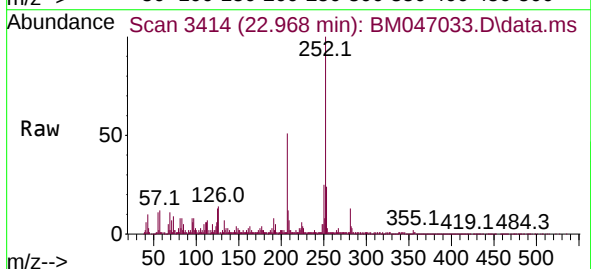
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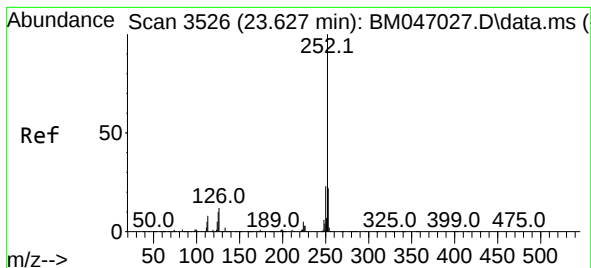
Ion Ratio Lower Upper

252 100

253 24.4 17.0 25.6

125 12.7 6.9 10.3#





#93

Benzo(a)pyrene

Concen: 4.337 ng/ul

RT: 23.633 min Scan# 31

Delta R.T. 0.006 min

Lab File: BM047033.D

Acq: 06 Aug 2024 21:57

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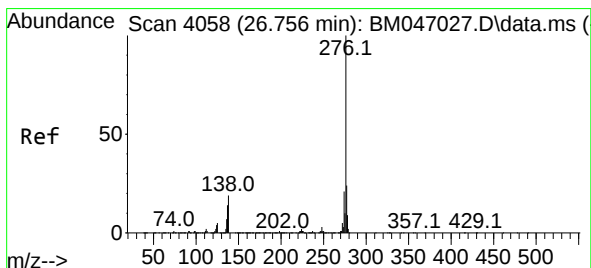
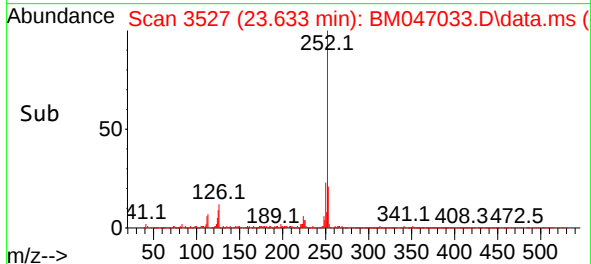
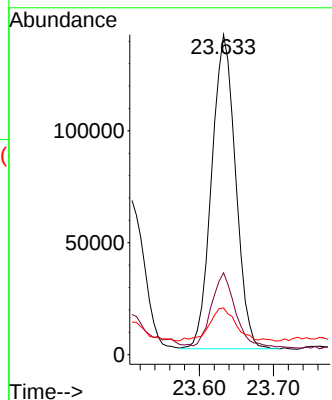
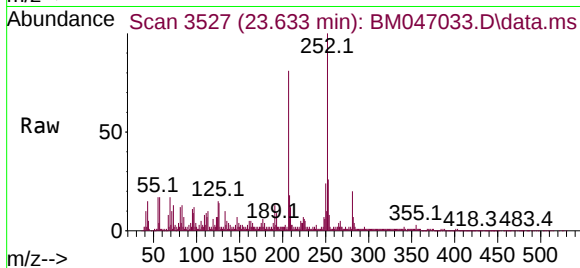
Tgt Ion:252 Resp: 314311

Ion Ratio Lower Upper

252 100

253 25.6 18.2 27.2

125 14.6 8.1 12.1#



#94

Indeno(1,2,3-cd)pyrene

Concen: 3.255 ng/ul

RT: 26.773 min Scan# 4061

Delta R.T. 0.018 min

Lab File: BM047033.D

Acq: 06 Aug 2024 21:57

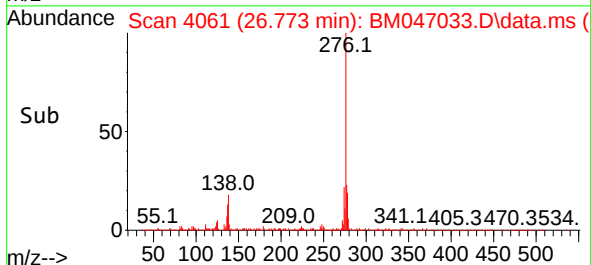
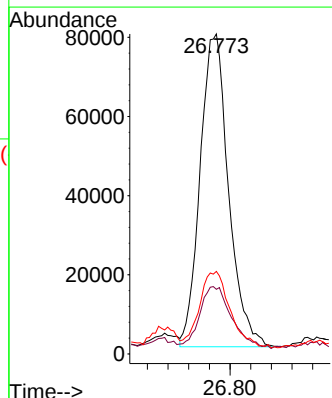
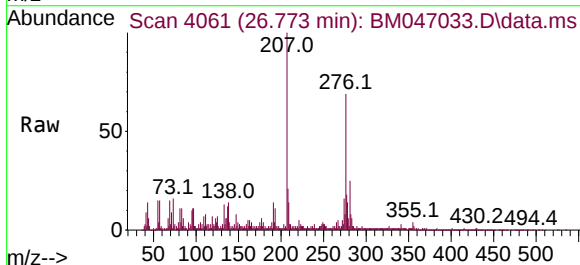
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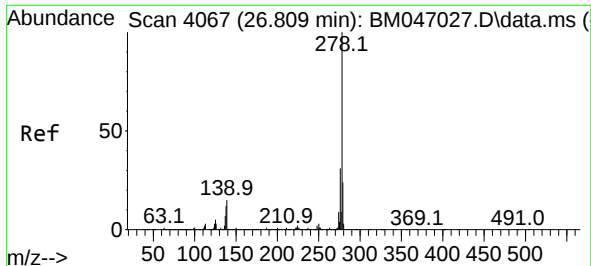
Ion Ratio Lower Upper

276 100

138 20.2 14.7 22.1

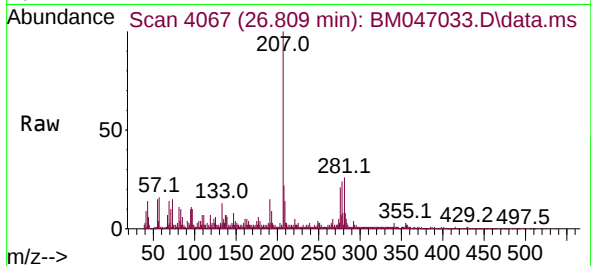
277 25.8 19.3 28.9





#95
 Dibenzo(a,h)anthracene
 Concen: 1.657 ng/ul
 RT: 26.809 min Scan# 4067
 Delta R.T. -0.000 min
 Lab File: BM047033.D
 Acq: 06 Aug 2024 21:57

Instrument :
 BNA_M
 ClientSampleId :
 E20L7



Tgt Ion:278 Resp: 123605
 Ion Ratio Lower Upper
 278 100
 139 24.2 11.4 17.0#
 279 31.9 19.4 29.0#

