

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100324\
 Data File : BM047876.D
 Acq On : 05 Oct 2024 14:05
 Operator : RC/JU
 Sample : P4083-19
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 05 23:06:30 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 04 08:32:31 2024
 Response via : Initial Calibration

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

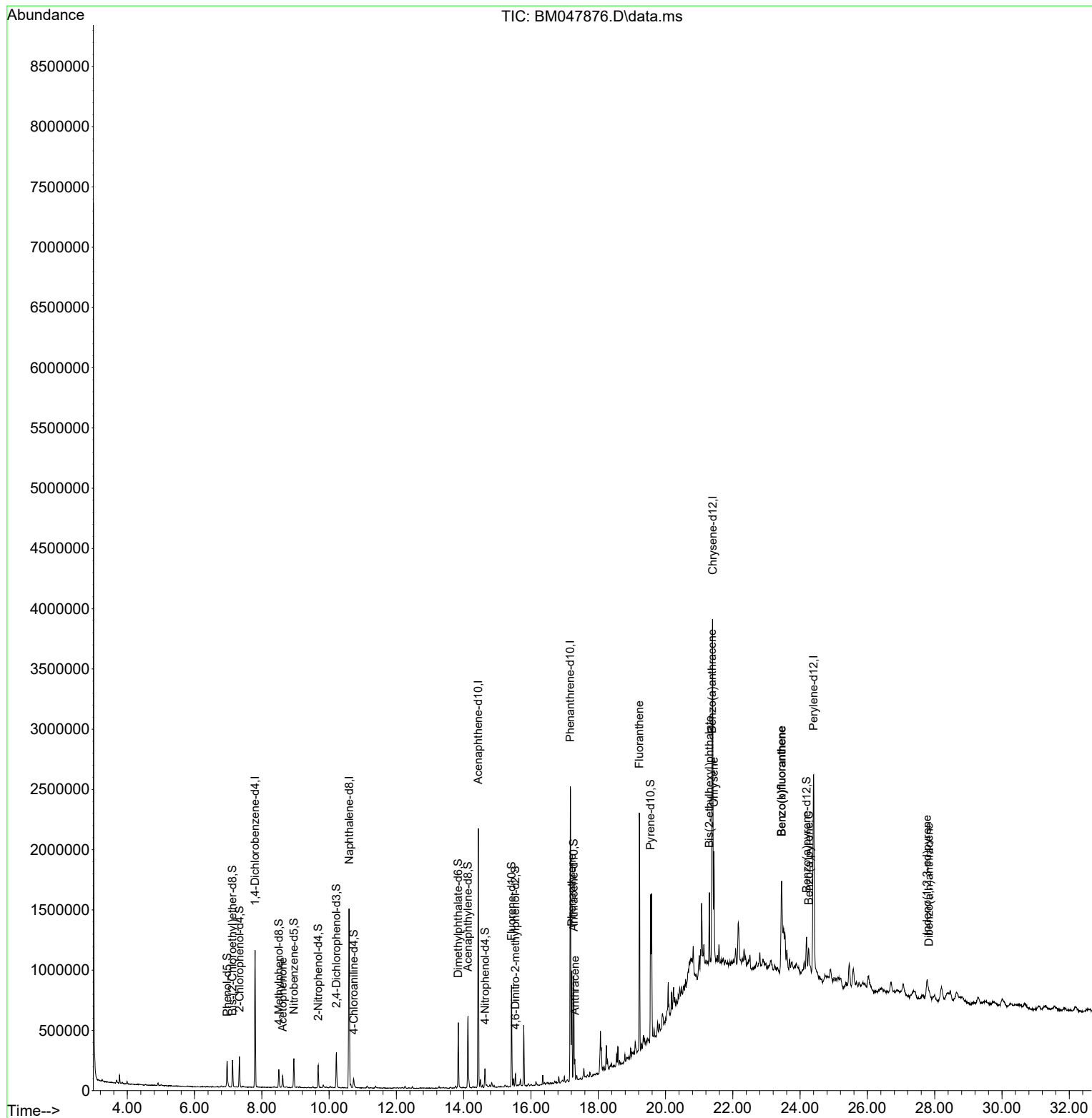
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	310370	20.000	ng/ul	0.00
20) Naphthalene-d8	10.592	136	1233523	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.433	164	744959	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.168	188	1526938	20.000	ng/ul	0.00
79) Chrysene-d12	21.398	240	1408747	20.000	ng/ul	0.00
88) Perylene-d12	24.397	264	1601381	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	7565	0.788	ng/uL	0.00
4) Pyridine-d5	3.658	84	661	0.024	ng/ul	0.00
7) Phenol-d5	6.969	99	125920	4.291	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.128	67	96418	4.630	ng/ul	0.00
11) 2-Chlorophenol-d4	7.334	132	120175	5.628	ng/ul	0.00
15) 4-Methylphenol-d8	8.504	113	58341	2.674	ng/ul	0.00
21) Nitrobenzene-d5	8.951	128	60191	6.129	ng/ul	0.00
24) 2-Nitrophenol-d4	9.675	143	62498	6.640	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.216	165	112995	6.010	ng/ul	0.00
31) 4-Chloroaniline-d4	10.728	131	50939	1.752	ng/ul	0.00
46) Dimethylphthalate-d6	13.839	166	352926	6.534	ng/ul	0.00
49) Acenaphthylene-d8	14.128	160	405412	6.331	ng/ul	0.00
54) 4-Nitrophenol-d4	14.633	143	39603	3.683	ng/ul	0.00
60) Fluorene-d10	15.422	176	322082	6.885	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.539	200	19793	2.215	ng/ul	0.00
73) Anthracene-d10	17.268	188	487076	6.487	ng/ul	0.00
81) Pyrene-d10	19.557	212	481627	6.024	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.192	264	327040	3.936	ng/ul	0.00
Target Compounds					Qvalue	
16) Acetophenone	8.616	105	53982	1.446	ng/ul	91
72) Phenanthrene	17.216	178	561527	6.271	ng/ul	99
74) Anthracene	17.304	178	104558	1.145	ng/ul	99
80) Fluoranthene	19.221	202	1234106	13.106	ng/ul	99
85) Benzo(a)anthracene	21.380	228	532389	5.398	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.304	149	258674	4.650	ng/ul#	98
87) Chrysene	21.439	228	589007	6.125	ng/ul	96
90) Benzo(b)fluoranthene	23.450	252	812348	8.134	ng/ul	98
91) Benzo(k)fluoranthene	23.450	252	812348	7.955	ng/ul	98
93) Benzo(a)pyrene	24.256	252	224667	2.369	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	27.774	276	239117	1.967	ng/ul	97
95) Dibenzo(a,h)anthracene	27.827	278	100245	1.006	ng/ul#	90

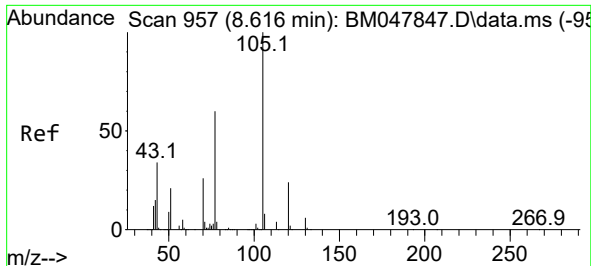
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 04 08:32:31 2024
Response via : Initial Calibration

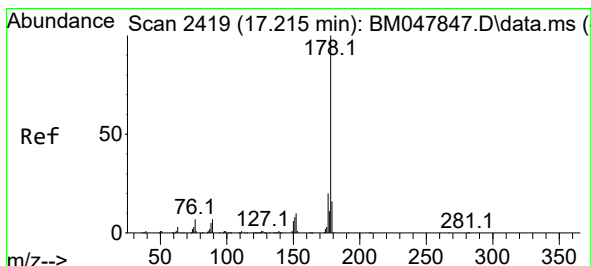
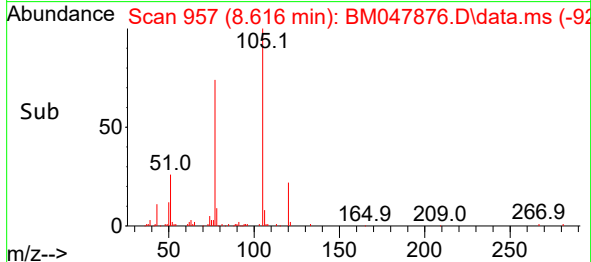
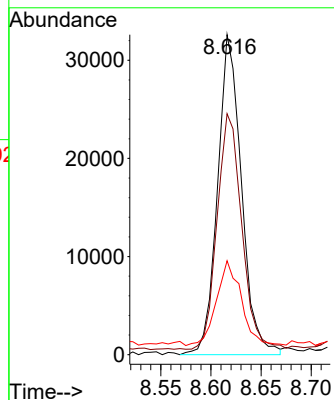
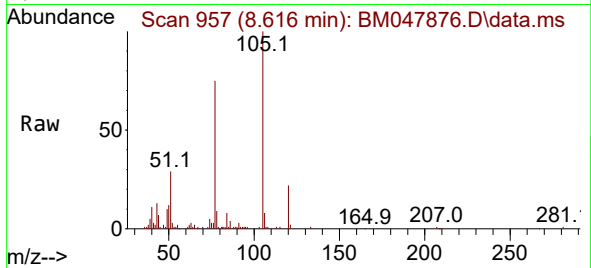




#16
Acetophenone
Concen: 1.446 ng/ul
RT: 8.616 min Scan# 957
Delta R.T. -0.006 min
Lab File: BM047876.D
Acq: 05 Oct 2024 14:05

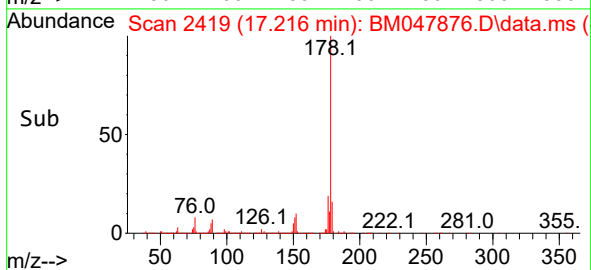
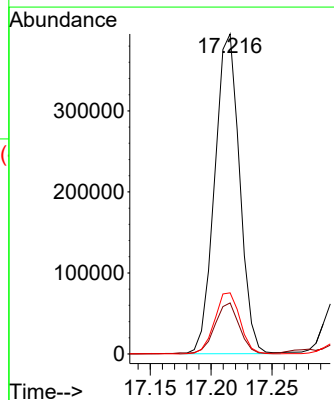
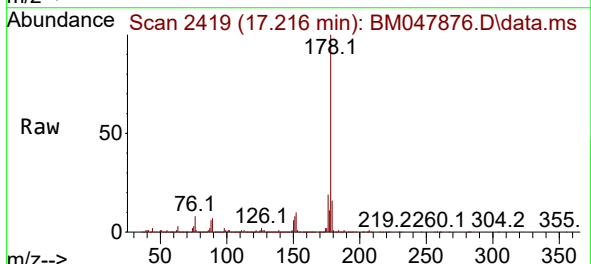
Instrument :
BNA_M
ClientSampleId :

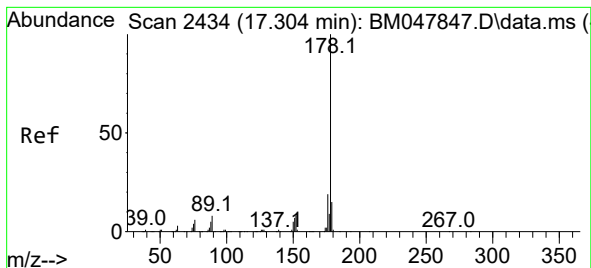
Tgt Ion:105 Resp: 53982
Ion Ratio Lower Upper
105 100
77 75.3 66.6 100.0
51 29.3 27.0 40.4



#72
Phenanthrene
Concen: 6.271 ng/ul
RT: 17.216 min Scan# 2419
Delta R.T. 0.000 min
Lab File: BM047876.D
Acq: 05 Oct 2024 14:05

Tgt Ion:178 Resp: 561527
Ion Ratio Lower Upper
178 100
179 16.0 12.0 18.0
176 19.1 15.4 23.0





#74

Anthracene

Concen: 1.145 ng/ul

RT: 17.304 min Scan# 2434

Delta R.T. 0.000 min

Lab File: BM047876.D

Acq: 05 Oct 2024 14:05

Instrument :

BNA_M

ClientSampleId :

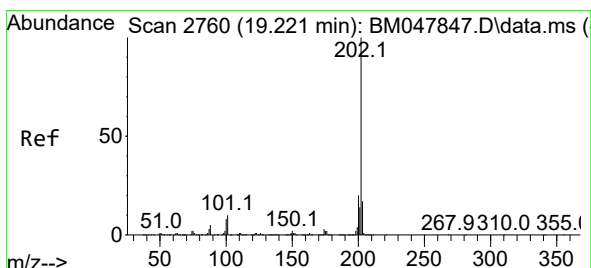
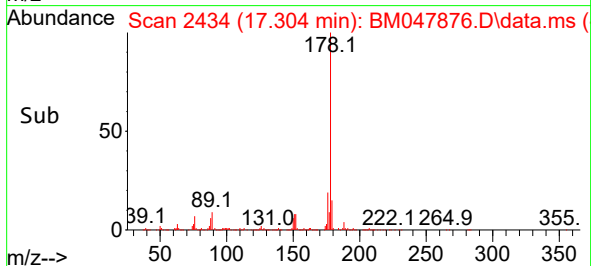
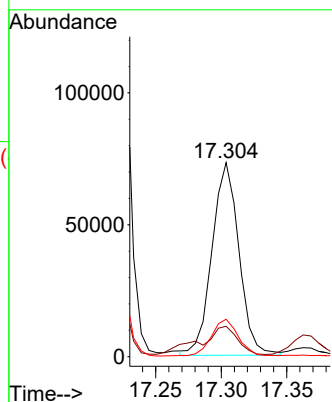
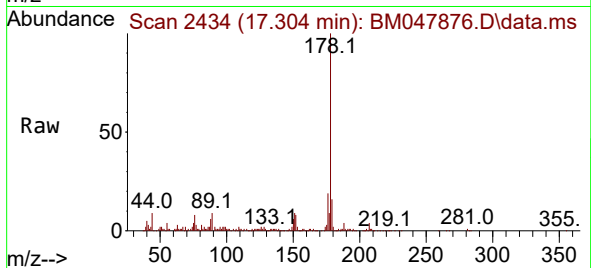
Tgt Ion:178 Resp: 104558

Ion Ratio Lower Upper

178 100

179 15.7 12.4 18.6

176 19.3 14.7 22.1



#80

Fluoranthene

Concen: 13.106 ng/ul

RT: 19.221 min Scan# 2760

Delta R.T. -0.006 min

Lab File: BM047876.D

Acq: 05 Oct 2024 14:05

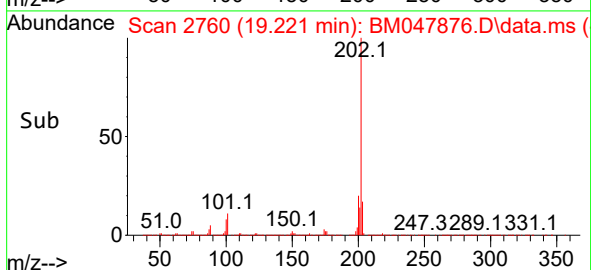
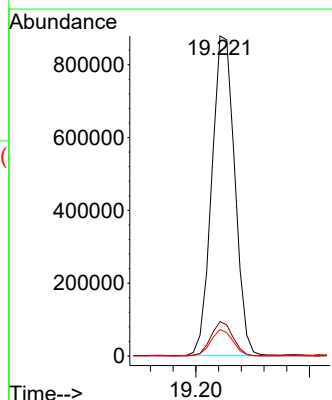
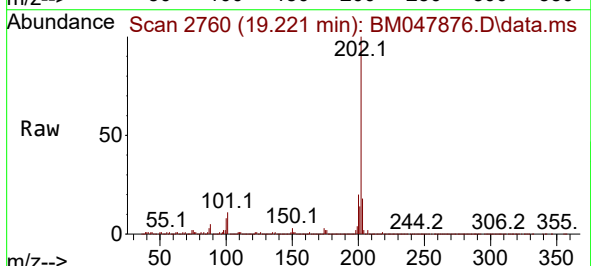
Tgt Ion:202 Resp: 1234106

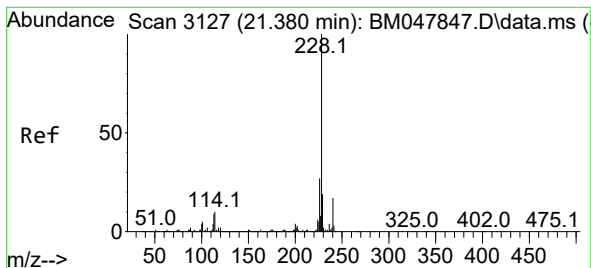
Ion Ratio Lower Upper

202 100

101 10.7 9.0 13.4

100 8.3 6.8 10.2





#85

Benzo(a)anthracene

Concen: 5.398 ng/ul

RT: 21.380 min Scan# 3127

Delta R.T. 0.000 min

Lab File: BM047876.D

Acq: 05 Oct 2024 14:05

Instrument :

BNA_M

ClientSampleId :

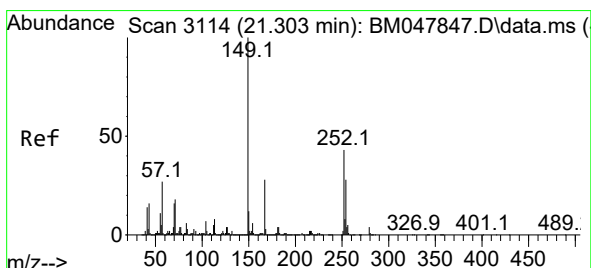
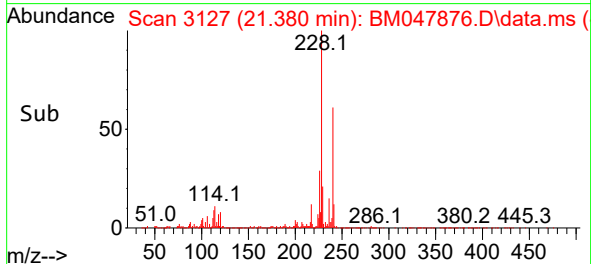
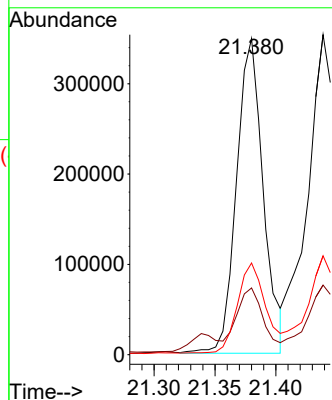
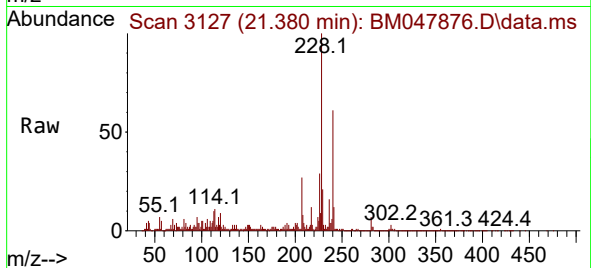
Tgt Ion:228 Resp: 532389

Ion Ratio Lower Upper

228 100

229 21.1 15.6 23.4

226 29.0 21.9 32.9



#86

Bis(2-ethylhexyl)phthalate

Concen: 4.650 ng/ul

RT: 21.304 min Scan# 3114

Delta R.T. 0.000 min

Lab File: BM047876.D

Acq: 05 Oct 2024 14:05

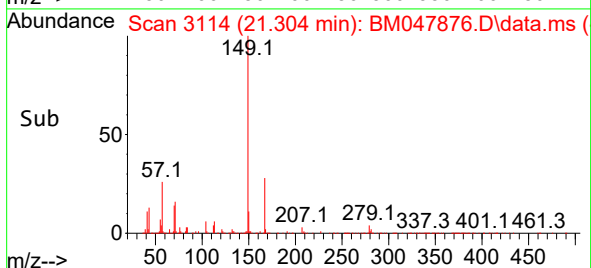
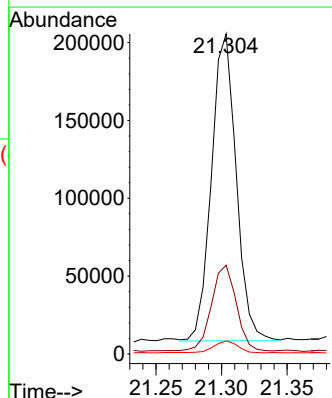
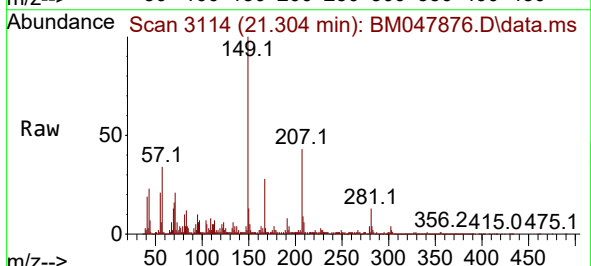
Tgt Ion:149 Resp: 258674

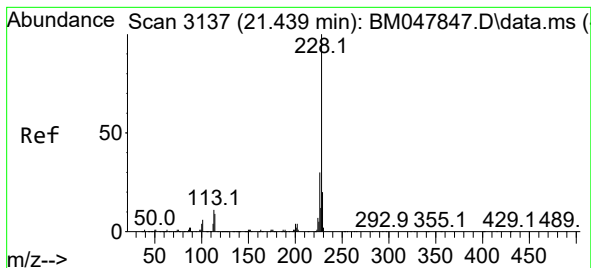
Ion Ratio Lower Upper

149 100

167 27.7 21.3 31.9

279 4.1 2.7 4.1#





#87

Chrysene

Concen: 6.125 ng/ul

RT: 21.439 min Scan# 31

Delta R.T. 0.000 min

Lab File: BM047876.D

Acq: 05 Oct 2024 14:05

Instrument :

BNA_M

ClientSampleId :

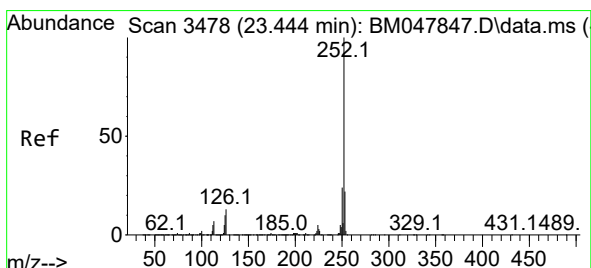
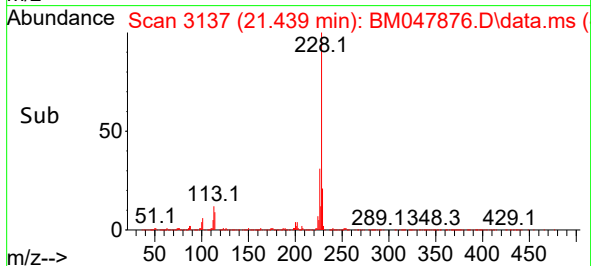
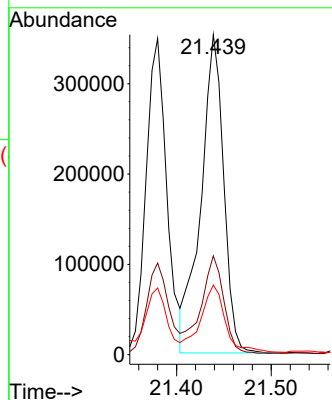
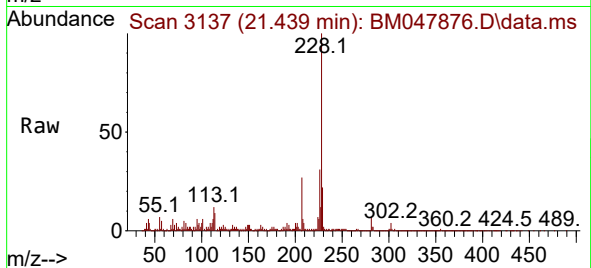
Tgt Ion:228 Resp: 589007

Ion Ratio Lower Upper

228 100

226 30.9 23.6 35.4

229 21.8 15.3 22.9



#90

Benzo(b)fluoranthene

Concen: 8.134 ng/ul

RT: 23.450 min Scan# 3479

Delta R.T. 0.000 min

Lab File: BM047876.D

Acq: 05 Oct 2024 14:05

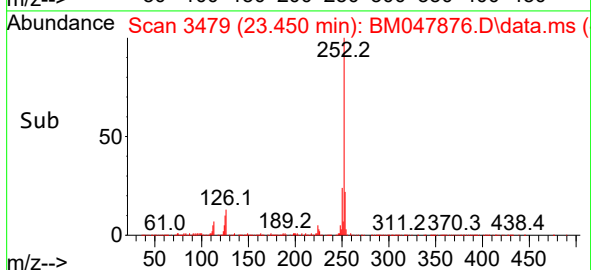
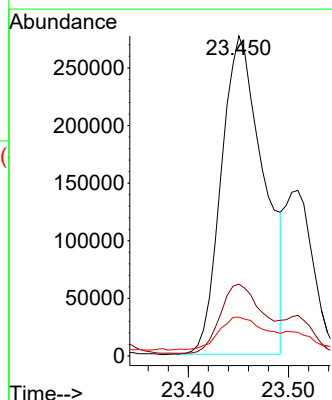
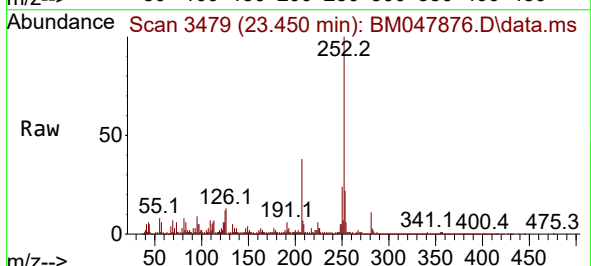
Tgt Ion:252 Resp: 812348

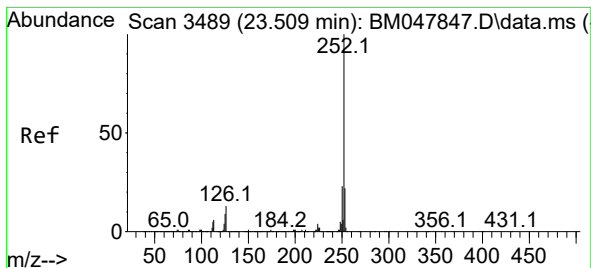
Ion Ratio Lower Upper

252 100

253 22.5 17.4 26.2

125 12.2 9.0 13.4





#91

Benzo(k)fluoranthene

Concen: 7.955 ng/ul

RT: 23.450 min Scan# 3489

Delta R.T. -0.059 min

Lab File: BM047876.D

Acq: 05 Oct 2024 14:05

Instrument :

BNA_M

ClientSampleId :

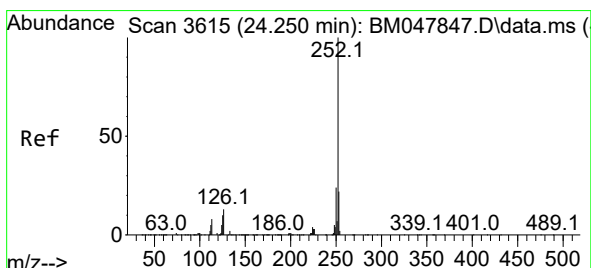
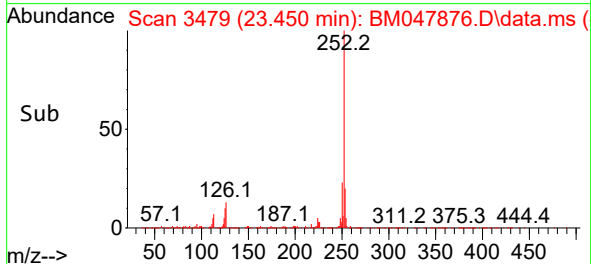
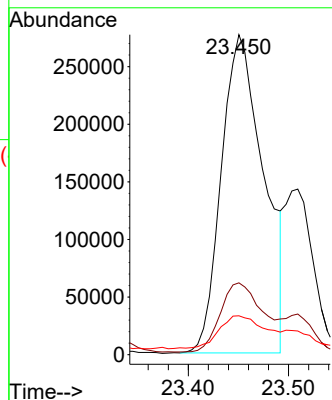
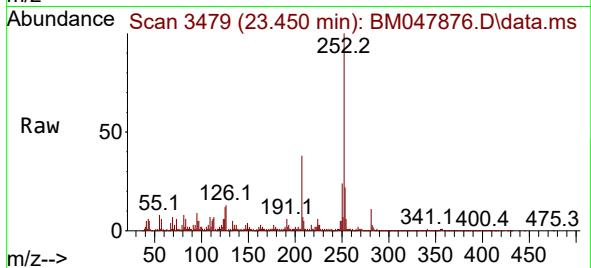
Tgt Ion:252 Resp: 812348

Ion Ratio Lower Upper

252 100

253 22.5 17.5 26.3

125 12.2 8.9 13.3



#93

Benzo(a)pyrene

Concen: 2.369 ng/ul

RT: 24.256 min Scan# 3616

Delta R.T. 0.000 min

Lab File: BM047876.D

Acq: 05 Oct 2024 14:05

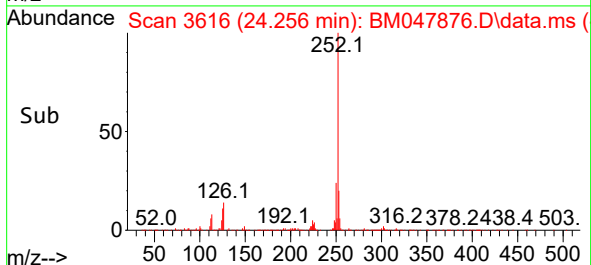
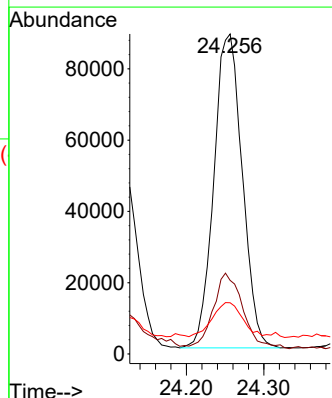
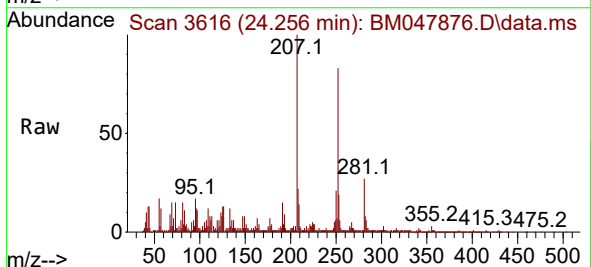
Tgt Ion:252 Resp: 224667

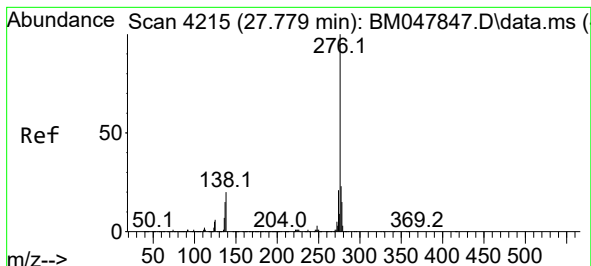
Ion Ratio Lower Upper

252 100

253 23.0 17.2 25.8

125 16.0 10.1 15.1#





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.967 ng/ul

RT: 27.774 min Scan# 41

Delta R.T. -0.006 min

Lab File: BM047876.D

Acq: 05 Oct 2024 14:05

Instrument :

BNA_M

ClientSampleId :

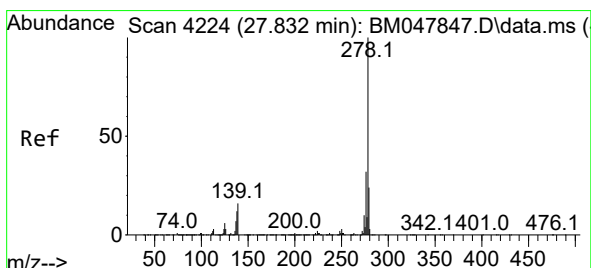
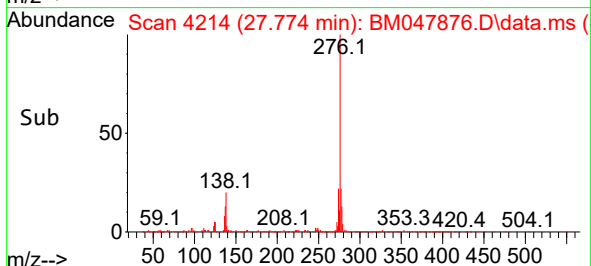
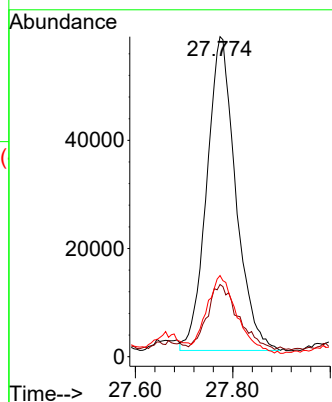
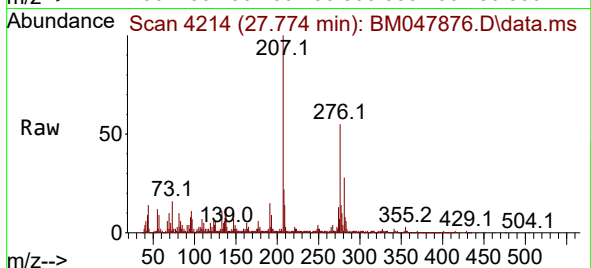
Tgt Ion:276 Resp: 239117

Ion Ratio Lower Upper

276 100

138 22.5 16.9 25.3

277 25.3 18.9 28.3



#95

Dibenzo(a,h)anthracene

Concen: 1.006 ng/ul

RT: 27.827 min Scan# 4223

Delta R.T. -0.012 min

Lab File: BM047876.D

Acq: 05 Oct 2024 14:05

Tgt Ion:278 Resp: 100245

Ion Ratio Lower Upper

278 100

139 21.8 13.4 20.2#

279 27.7 18.4 27.6#

