

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100324\
 Data File : BM047875.D
 Acq On : 05 Oct 2024 13:26
 Operator : RC/JU
 Sample : P4083-18
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 05 23:06:16 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)

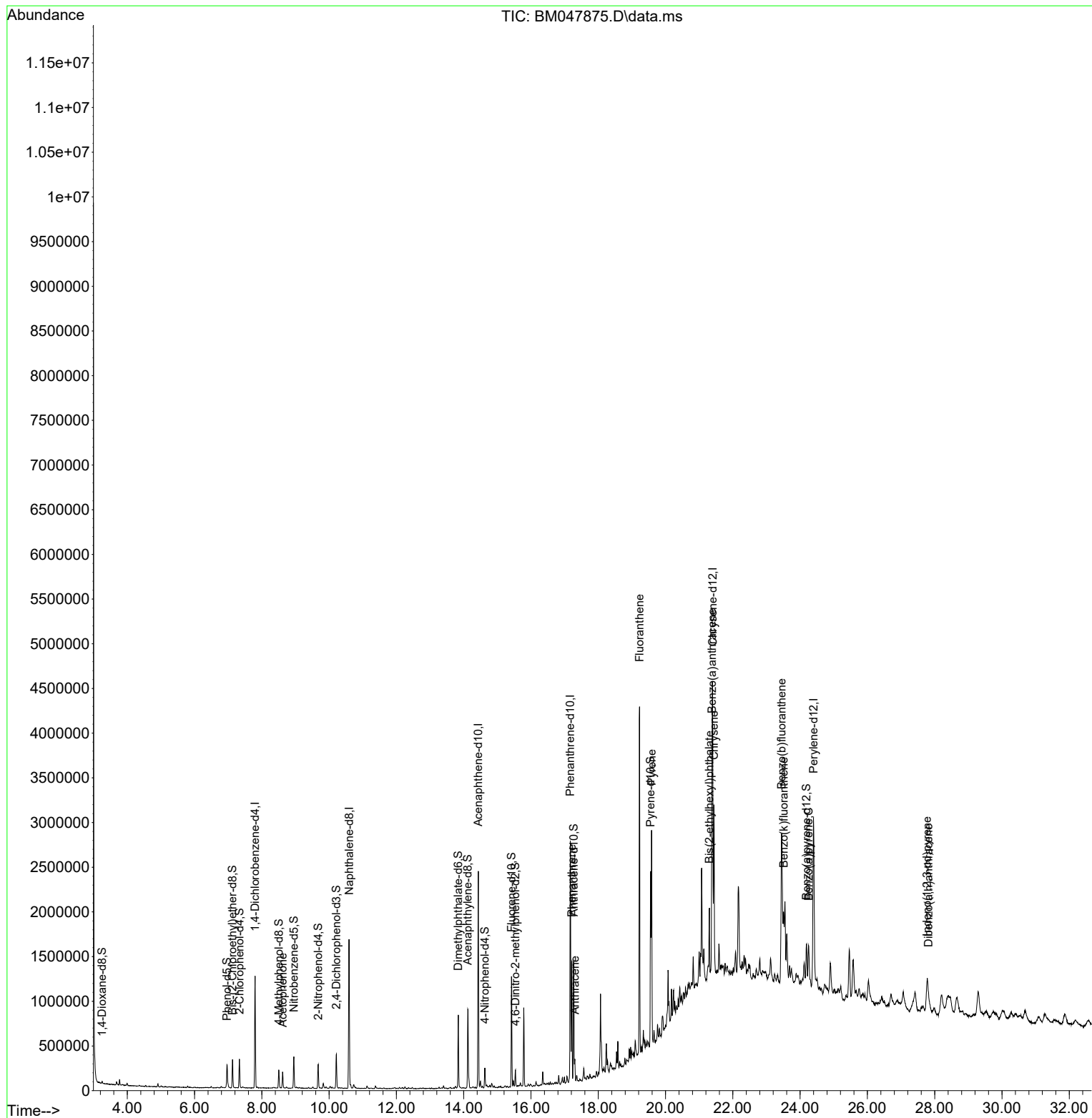
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	344338	20.000	ng/ul	0.00
20) Naphthalene-d8	10.592	136	1369192	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.433	164	831141	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.168	188	1690620	20.000	ng/ul	0.00
79) Chrysene-d12	21.398	240	1522058	20.000	ng/ul	0.00
88) Perylene-d12	24.397	264	1762616	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	12785	1.200	ng/uL	0.00
4) Pyridine-d5	3.681	84	21595	0.692	ng/ul	0.02
7) Phenol-d5	6.963	99	152312	4.678	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.128	67	137382	5.946	ng/ul	0.00
11) 2-Chlorophenol-d4	7.334	132	153590	6.483	ng/ul	0.00
15) 4-Methylphenol-d8	8.504	113	79164	3.270	ng/ul	0.00
21) Nitrobenzene-d5	8.951	128	86852	7.967	ng/ul	0.00
24) 2-Nitrophenol-d4	9.675	143	91339	8.743	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.216	165	149127	7.146	ng/ul	0.00
31) 4-Chloroaniline-d4	10.728	131	31429	0.974	ng/ul	0.00
46) Dimethylphthalate-d6	13.839	166	530167	8.798	ng/ul	0.00
49) Acenaphthylene-d8	14.122	160	609367	8.529	ng/ul	0.00
54) 4-Nitrophenol-d4	14.627	143	54758	4.564	ng/ul	0.00
60) Fluorene-d10	15.421	176	484647	9.285	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.539	200	36632	3.703	ng/ul	0.00
73) Anthracene-d10	17.268	188	739244	8.893	ng/ul	0.00
81) Pyrene-d10	19.556	212	720932	8.346	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.186	264	484094	5.293	ng/ul	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.616	105	97464	2.353	ng/ul	95
72) Phenanthrene	17.215	178	826670	8.338	ng/ul	99
74) Anthracene	17.304	178	156450	1.547	ng/ul	99
80) Fluoranthene	19.227	202	2395332	23.544	ng/ul	97
82) Pyrene	19.586	202	1481879	13.087	ng/ul	96
85) Benzo(a)anthracene	21.380	228	994755	9.334	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.303	149	323100	5.376	ng/ul#	96
87) Chrysene	21.439	228	1226361	11.804	ng/ul	97
90) Benzo(b)fluoranthene	23.450	252	1797312	16.351	ng/ul	99
91) Benzo(k)fluoranthene	23.509	252	583400	5.191	ng/ul	96
93) Benzo(a)pyrene	24.250	252	475909	4.559	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	27.774	276	544278	4.068	ng/ul	98
95) Dibenzo(a,h)anthracene	27.815	278	213870	1.951	ng/ul#	92

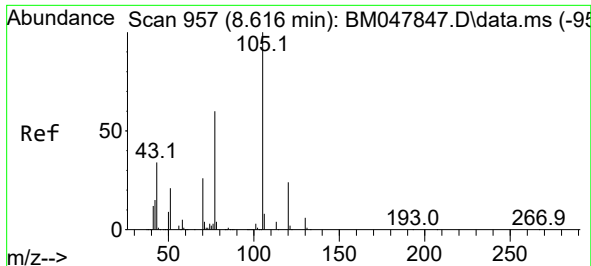
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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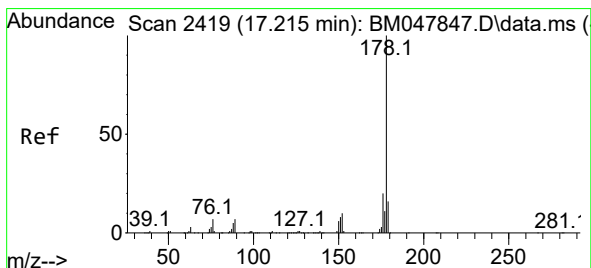
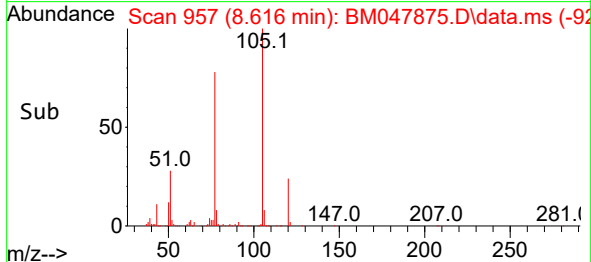
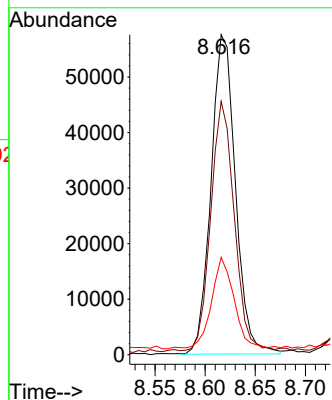
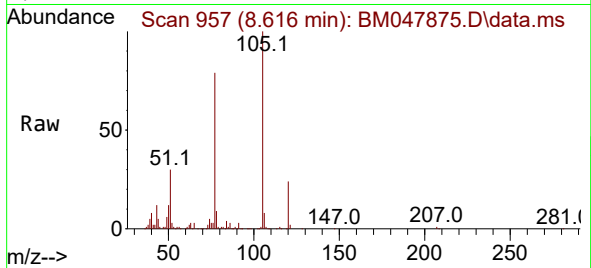




#16
Acetophenone
Concen: 2.353 ng/ul
RT: 8.616 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM047875.D
Acq: 05 Oct 2024 13:26

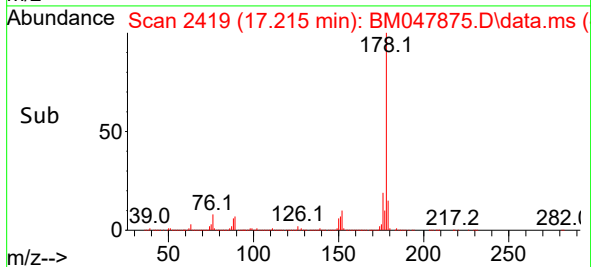
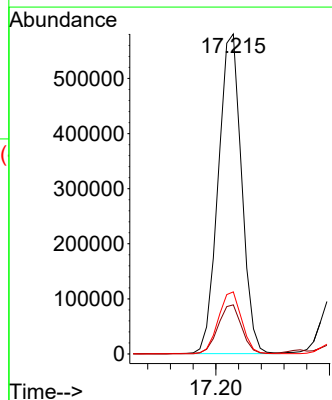
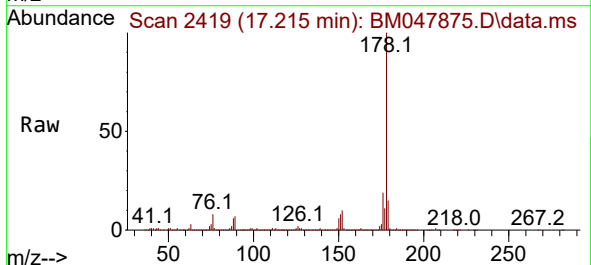
Instrument :
BNA_M
ClientSampleId :

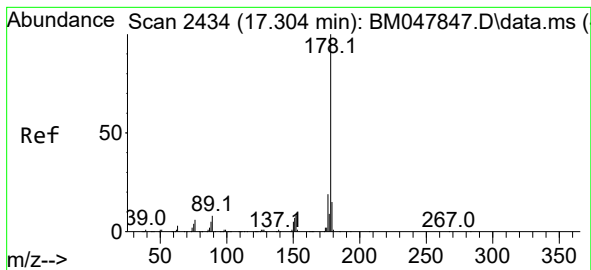
Tgt Ion:105 Resp: 97464
Ion Ratio Lower Upper
105 100
77 79.1 66.6 100.0
51 30.4 27.0 40.4



#72
Phenanthrene
Concen: 8.338 ng/ul
RT: 17.215 min Scan# 2419
Delta R.T. 0.000 min
Lab File: BM047875.D
Acq: 05 Oct 2024 13:26

Tgt Ion:178 Resp: 826670
Ion Ratio Lower Upper
178 100
179 15.4 12.0 18.0
176 19.4 15.4 23.0





#74

Anthracene

Concen: 1.547 ng/ul

RT: 17.304 min Scan# 2434

Delta R.T. 0.000 min

Lab File: BM047875.D

Acq: 05 Oct 2024 13:26

Instrument :

BNA_M

ClientSampleId :

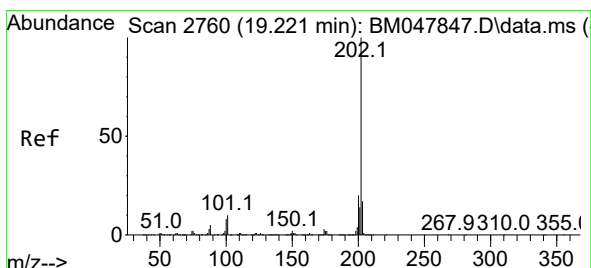
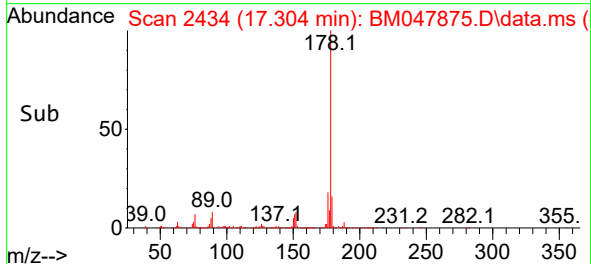
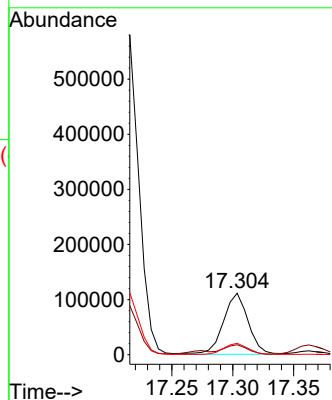
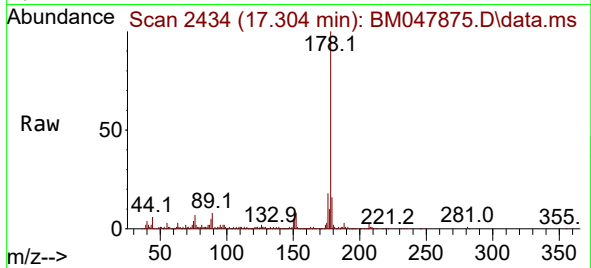
Tgt Ion:178 Resp: 156450

Ion Ratio Lower Upper

178 100

179 16.3 12.4 18.6

176 18.4 14.7 22.1



#80

Fluoranthene

Concen: 23.544 ng/ul

RT: 19.227 min Scan# 2761

Delta R.T. 0.000 min

Lab File: BM047875.D

Acq: 05 Oct 2024 13:26

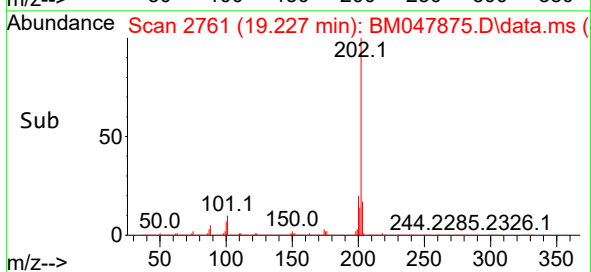
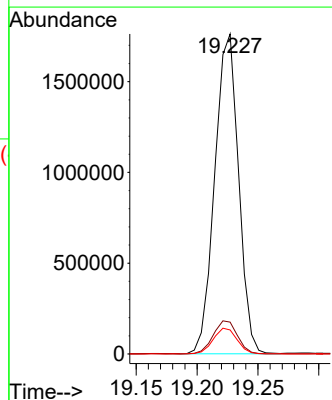
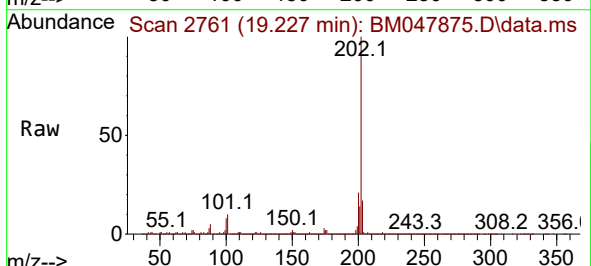
Tgt Ion:202 Resp: 2395332

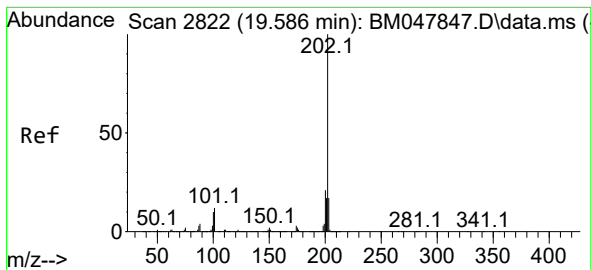
Ion Ratio Lower Upper

202 100

101 10.0 9.0 13.4

100 7.5 6.8 10.2





#82

Pyrene

Concen: 13.087 ng/ul

RT: 19.586 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM047875.D

Acq: 05 Oct 2024 13:26

Instrument :

BNA_M

ClientSampleId :

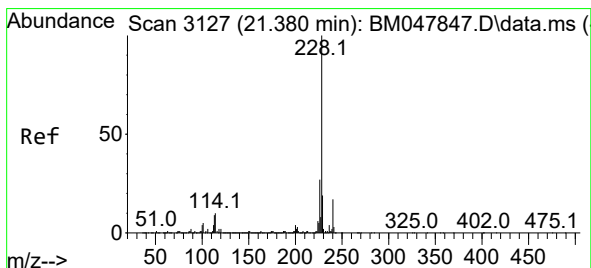
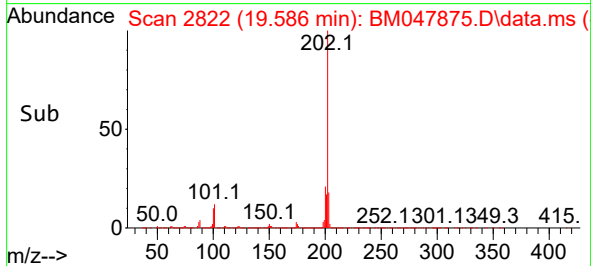
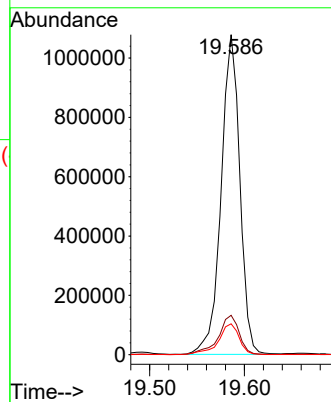
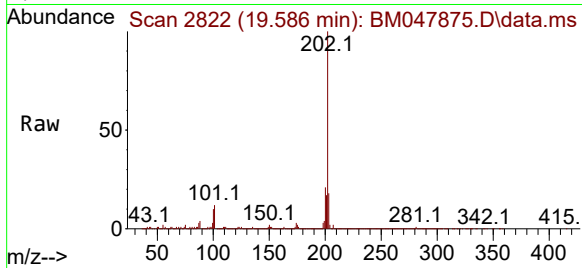
Tgt Ion:202 Resp: 1481879

Ion Ratio Lower Upper

202 100

101 12.3 10.9 16.3

100 9.6 9.4 14.2



#85

Benzo(a)anthracene

Concen: 9.334 ng/ul

RT: 21.380 min Scan# 3127

Delta R.T. 0.000 min

Lab File: BM047875.D

Acq: 05 Oct 2024 13:26

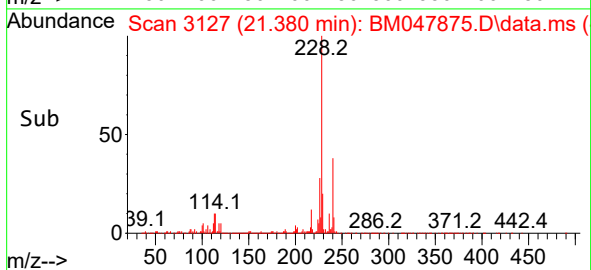
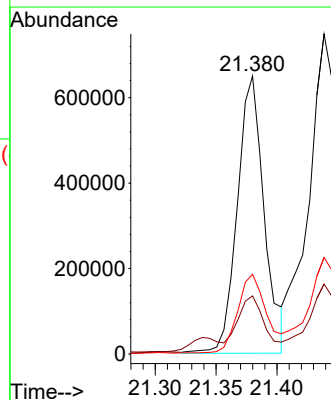
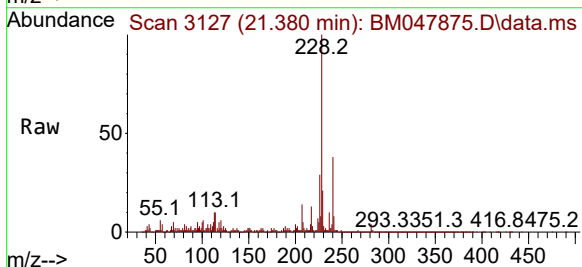
Tgt Ion:228 Resp: 994755

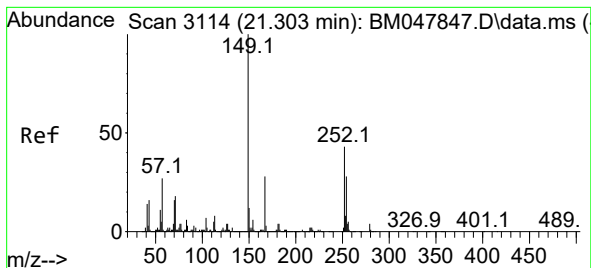
Ion Ratio Lower Upper

228 100

229 20.9 15.6 23.4

226 28.7 21.9 32.9

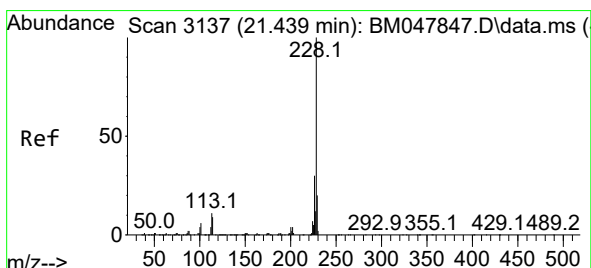
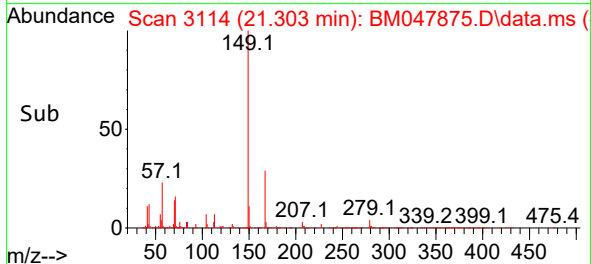
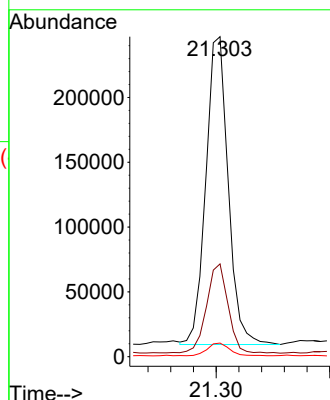
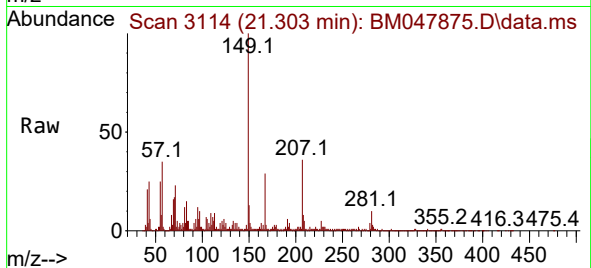




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 5.376 ng/ul
 RT: 21.303 min Scan# 3114
 Delta R.T. 0.000 min
 Lab File: BM047875.D
 Acq: 05 Oct 2024 13:26

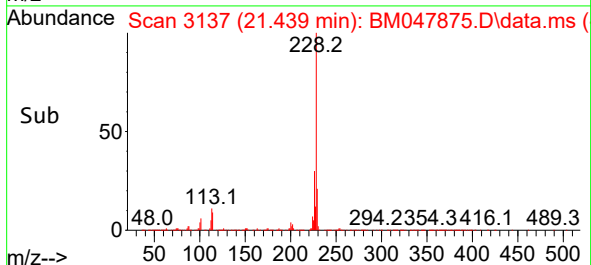
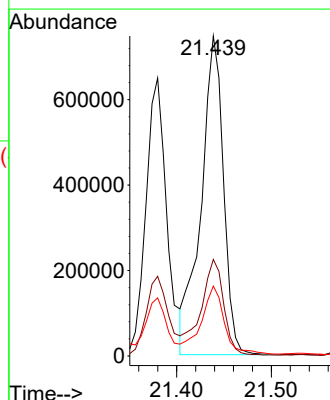
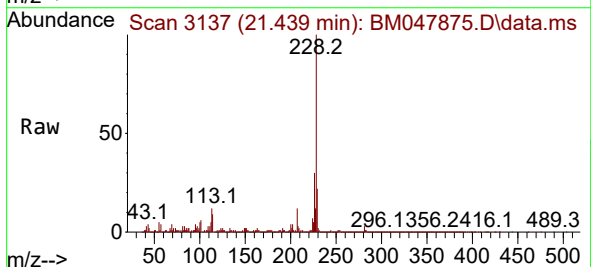
Instrument :
 BNA_M
 ClientSampleId :

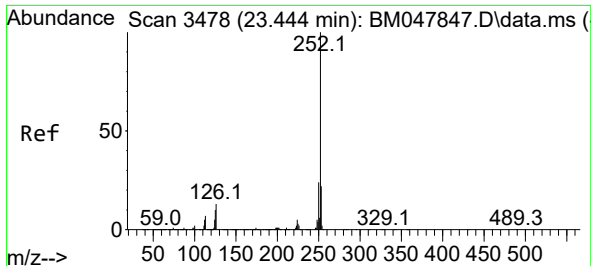
Tgt Ion:149 Resp: 323100
 Ion Ratio Lower Upper
 149 100
 167 29.0 21.3 31.9
 279 4.2 2.7 4.1#



#87
 Chrysene
 Concen: 11.804 ng/ul
 RT: 21.439 min Scan# 3137
 Delta R.T. 0.000 min
 Lab File: BM047875.D
 Acq: 05 Oct 2024 13:26

Tgt Ion:228 Resp: 1226361
 Ion Ratio Lower Upper
 228 100
 226 30.2 23.6 35.4
 229 21.9 15.3 22.9

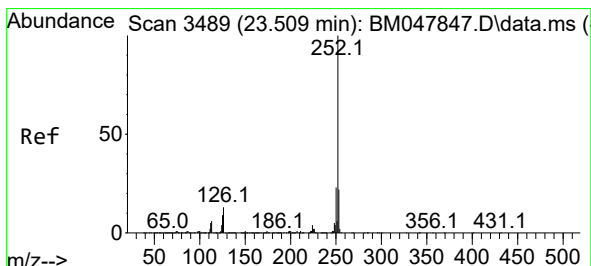
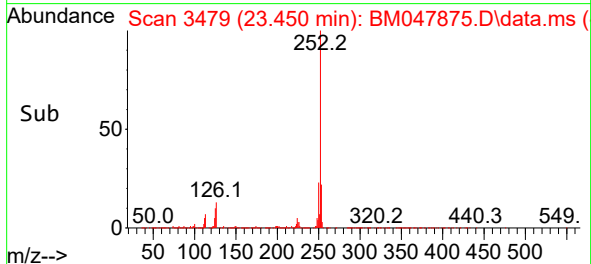
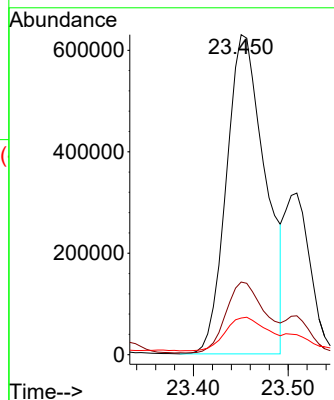
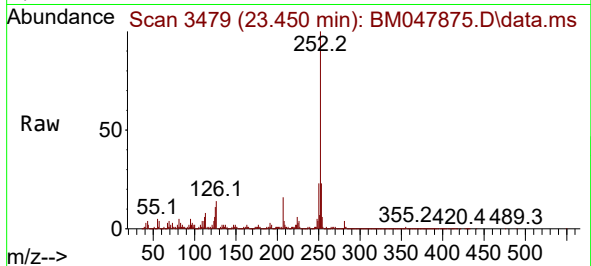




#90
Benzo(b)fluoranthene
Concen: 16.351 ng/ul
RT: 23.450 min Scan# 3478
Delta R.T. 0.000 min
Lab File: BM047875.D
Acq: 05 Oct 2024 13:26

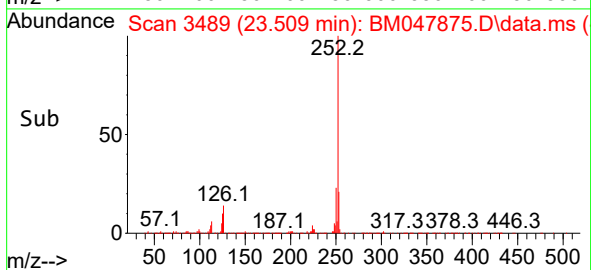
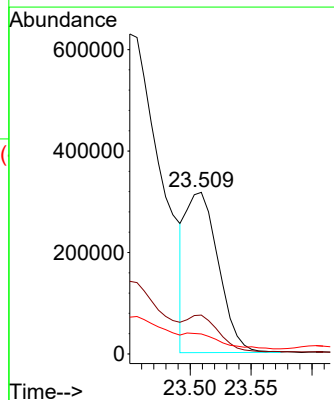
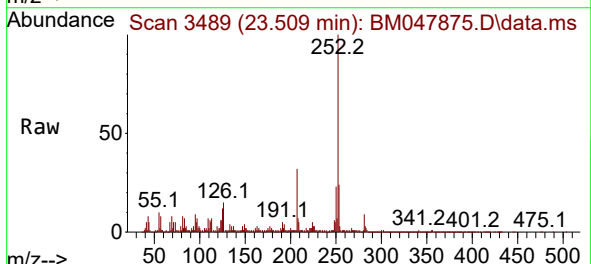
Instrument :
BNA_M
ClientSampleId :

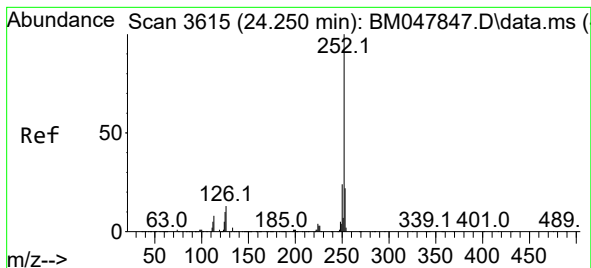
Tgt Ion:252 Resp: 1797312
Ion Ratio Lower Upper
252 100
253 22.7 17.4 26.2
125 11.5 9.0 13.4



#91
Benzo(k)fluoranthene
Concen: 5.191 ng/ul
RT: 23.509 min Scan# 3489
Delta R.T. 0.000 min
Lab File: BM047875.D
Acq: 05 Oct 2024 13:26

Tgt Ion:252 Resp: 583400
Ion Ratio Lower Upper
252 100
253 24.1 17.5 26.3
125 12.4 8.9 13.3





#93

Benzo(a)pyrene

Concen: 4.559 ng/ul

RT: 24.250 min Scan# 3615

Delta R.T. -0.006 min

Lab File: BM047875.D

Acq: 05 Oct 2024 13:26

Instrument :

BNA_M

ClientSampleId :

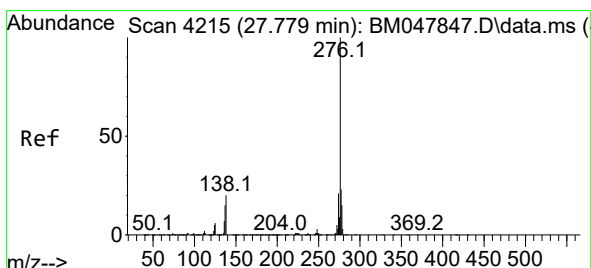
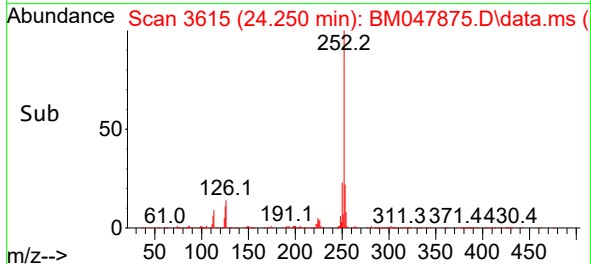
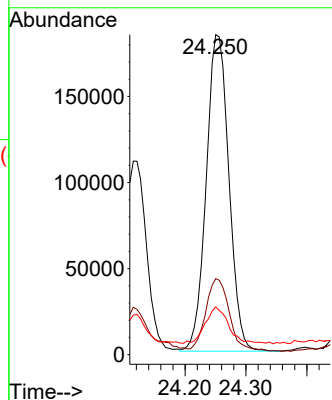
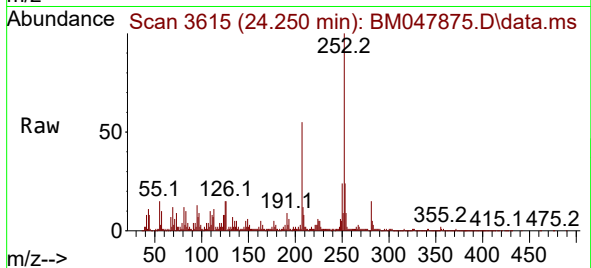
Tgt Ion:252 Resp: 475909

Ion Ratio Lower Upper

252 100

253 23.8 17.2 25.8

125 14.9 10.1 15.1



#94

Indeno(1,2,3-cd)pyrene

Concen: 4.068 ng/ul

RT: 27.774 min Scan# 4214

Delta R.T. -0.006 min

Lab File: BM047875.D

Acq: 05 Oct 2024 13:26

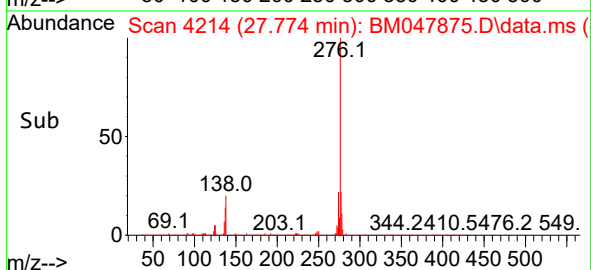
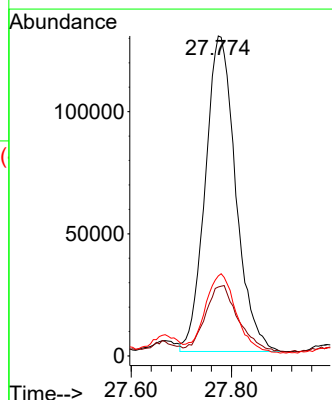
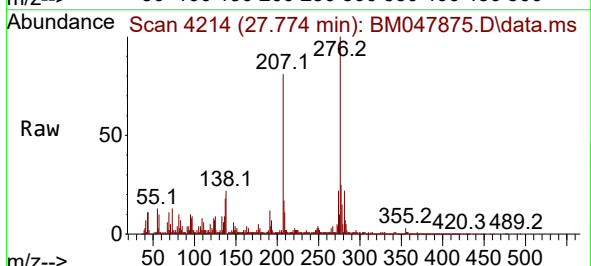
Tgt Ion:276 Resp: 544278

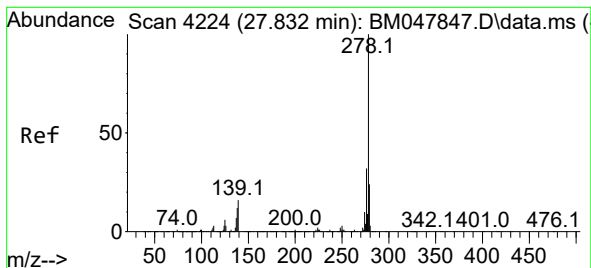
Ion Ratio Lower Upper

276 100

138 21.5 16.9 25.3

277 25.0 18.9 28.3





#95

Dibenzo(a,h)anthracene

Concen: 1.951 ng/ul

RT: 27.815 min Scan# 41

Delta R.T. -0.023 min

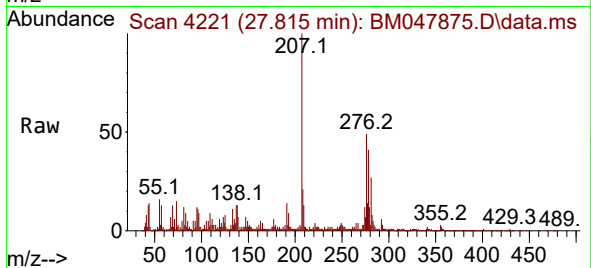
Lab File: BM047875.D

Acq: 05 Oct 2024 13:26

Instrument :

BNA_M

ClientSampleId :



Tgt Ion:278 Resp: 213870

Ion Ratio Lower Upper

278 100

139 17.9 13.4 20.2

279 28.6 18.4 27.6#

