

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080624\
 Data File : BM047031.D
 Acq On : 06 Aug 2024 20:35
 Operator : RC/JU
 Sample : P3329-08DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F7E13DL

Quant Time: Aug 07 01:41:57 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)

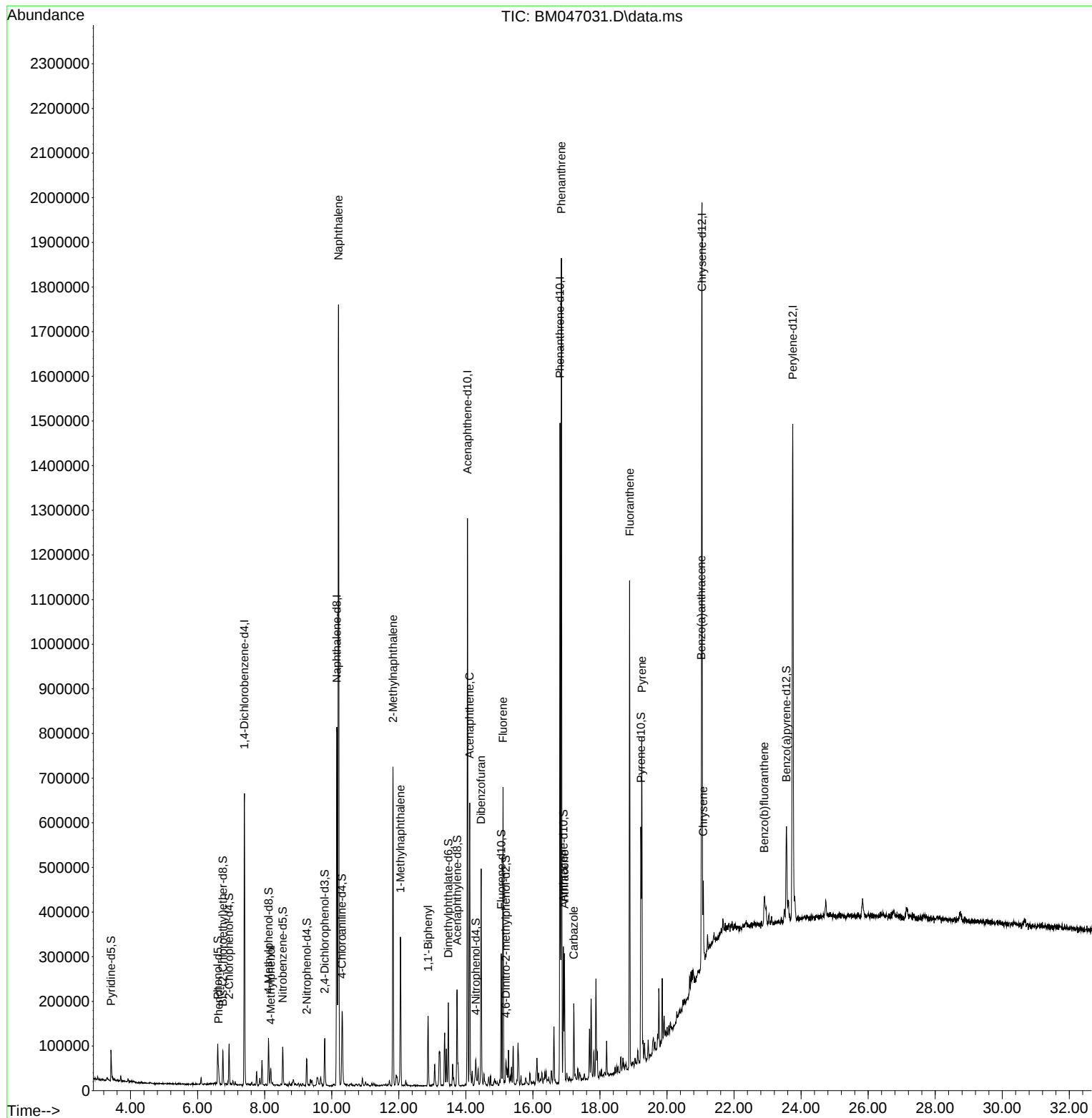
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.398	152	169499	20.000	ng/u1	0.00
20) Naphthalene-d8	10.151	136	651632	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.051	164	402851	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.809	188	810634	20.000	ng/u1	0.00
79) Chrysene-d12	21.044	240	776791	20.000	ng/u1	0.00
88) Perylene-d12	23.750	264	932328	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.022	96	2506	0.586	ng/uL	0.00
4) Pyridine-d5	3.416	84	39488	3.384	ng/u1	0.01
7) Phenol-d5	6.604	99	46771	3.632	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.751	67	34056	4.020	ng/u1	0.00
11) 2-Chlorophenol-d4	6.939	132	38165	3.499	ng/u1	0.00
15) 4-Methylphenol-d8	8.116	113	37140	3.641	ng/u1	0.00
21) Nitrobenzene-d5	8.539	128	18879	3.610	ng/u1	0.00
24) 2-Nitrophenol-d4	9.257	143	17615	3.085	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.792	165	35288	3.219	ng/u1	0.00
31) 4-Chloroaniline-d4	10.304	131	53672	3.725	ng/u1	0.00
46) Dimethylphthalate-d6	13.480	166	117366	3.810	ng/u1	0.00
49) Acenaphthylene-d8	13.739	160	133623	3.886	ng/u1	0.00
54) 4-Nitrophenol-d4	14.298	143	11961	2.008	ng/u1	0.00
60) Fluorene-d10	15.057	176	102900	3.905	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.192	200	8489	1.658	ng/u1	0.00
73) Anthracene-d10	16.909	188	154165	4.012	ng/u1	0.00
81) Pyrene-d10	19.221	212	176277	3.964	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.562	264	186409	3.797	ng/u1	0.00
Target Compounds						
					Qvalue	
8) Phenol	6.628	94	14538	1.121	ng/u1	93
18) 4-Methylphenol	8.181	108	14170	1.328	ng/u1	90
30) Naphthalene	10.204	128	1368500	39.665	ng/u1	100
36) 2-Methylnaphthalene	11.827	142	321701	13.354	ng/u1	99
37) 1-Methylnaphthalene	12.051	142	149406	6.126	ng/u1	98
43) 1,1'-Biphenyl	12.874	154	81294	2.697	ng/u1	98
52) Acenaphthene	14.116	153	242422	9.260	ng/u1	99
56) Dibenzofuran	14.457	168	273876	7.454	ng/u1	97
61) Fluorene	15.110	166	269046	8.878	ng/u1	96
72) Phenanthrene	16.851	178	1055256	23.222	ng/u1	99
74) Anthracene	16.945	178	168828	3.684	ng/u1	99
77) Carbazole	17.221	167	98373	2.316	ng/u1	99
80) Fluoranthene	18.886	202	608608	11.452	ng/u1	97
82) Pyrene	19.250	202	419071	7.401	ng/u1#	96
85) Benzo(a)anthracene	21.027	228	126538	2.230	ng/u1	99
87) Chrysene	21.080	228	102933	1.902	ng/u1	99
90) Benzo(b)fluoranthene	22.903	252	67646	1.173	ng/u1#	98

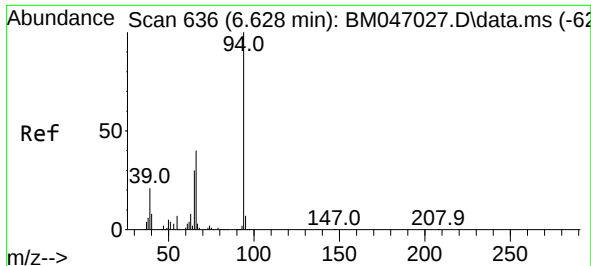
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080624\
Data File : BM047031.D
Acq On : 06 Aug 2024 20:35
Operator : RC/JU
Sample : P3329-08DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F7E13DL

Quant Time: Aug 07 01:41:57 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

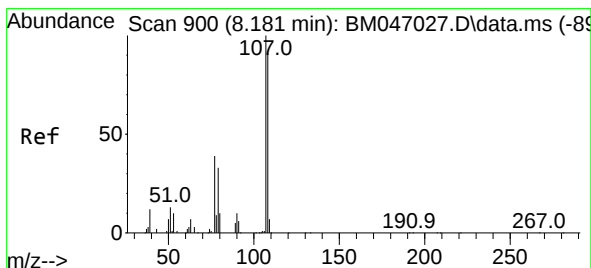
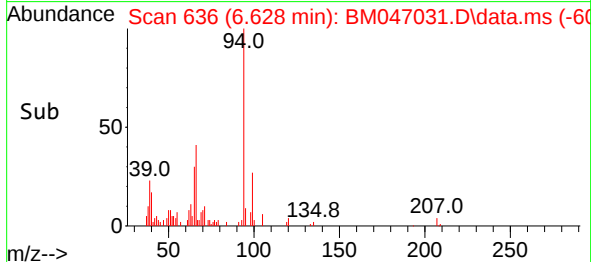
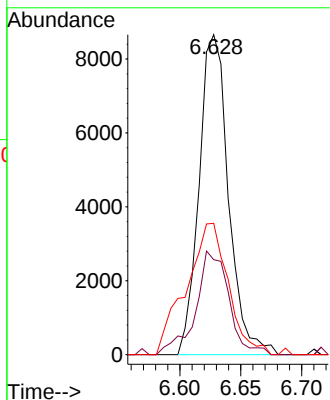
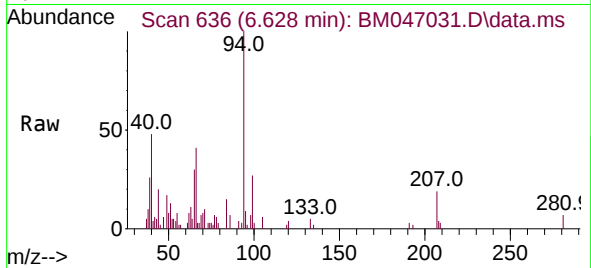




#8
Phenol
Concen: 1.121 ng/ul
RT: 6.628 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM047031.D
Acq: 06 Aug 2024 20:35

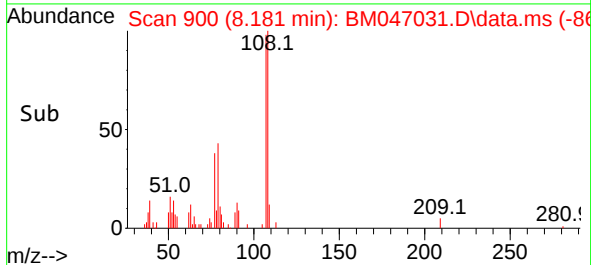
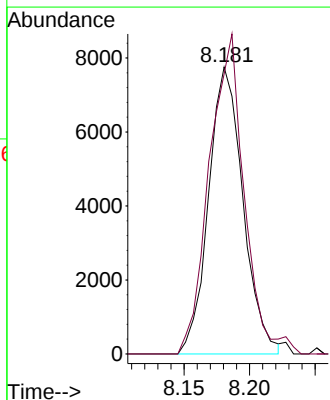
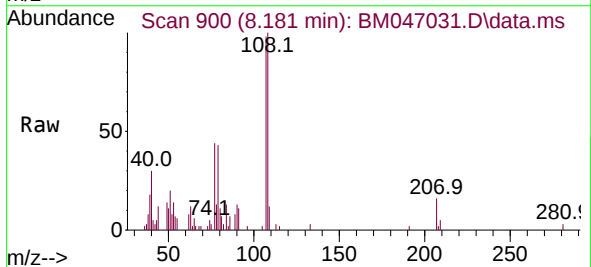
Instrument :
BNA_M
ClientSampleId :
F7E13DL

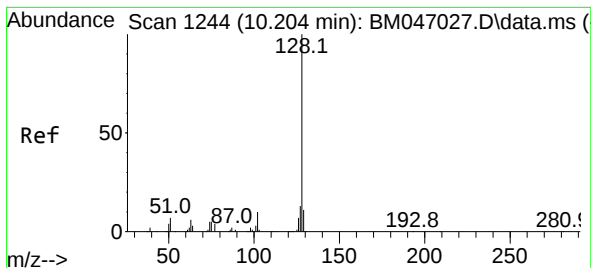
Tgt Ion: 94 Resp: 14538
Ion Ratio Lower Upper
94 100
65 29.7 25.1 37.7
66 41.1 37.7 56.5



#18
4-Methylphenol
Concen: 1.328 ng/ul
RT: 8.181 min Scan# 900
Delta R.T. -0.000 min
Lab File: BM047031.D
Acq: 06 Aug 2024 20:35

Tgt Ion: 108 Resp: 14170
Ion Ratio Lower Upper
108 100
107 97.6 86.4 129.6

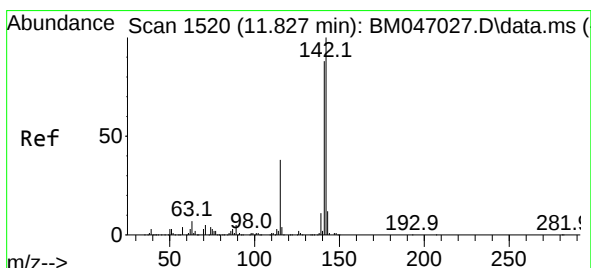
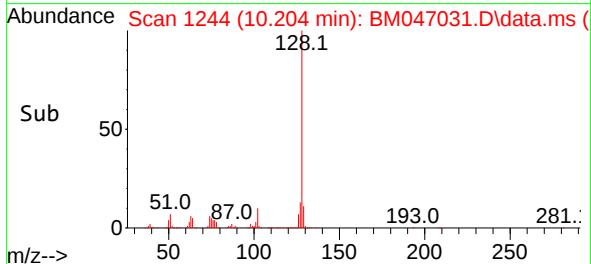
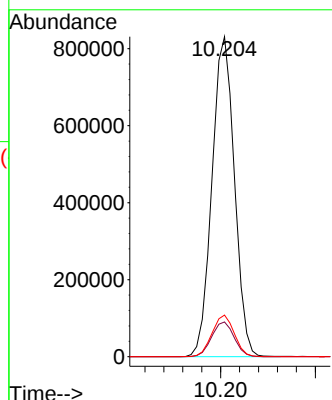
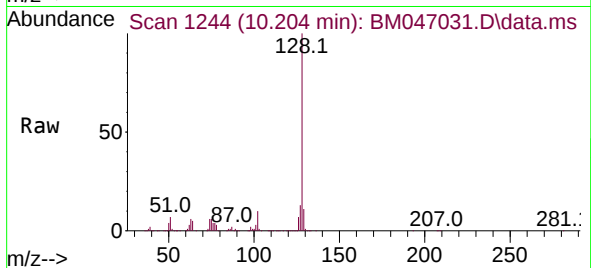




#30
Naphthalene
Concen: 39.665 ng/ul
RT: 10.204 min Scan# 1244
Delta R.T. -0.000 min
Lab File: BM047031.D
Acq: 06 Aug 2024 20:35

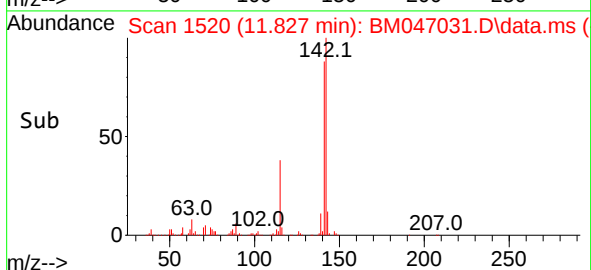
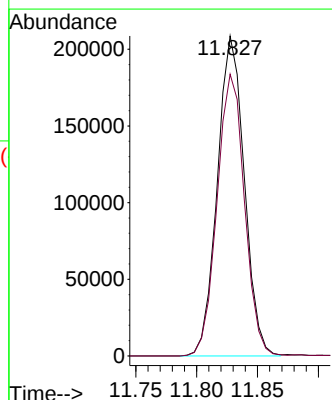
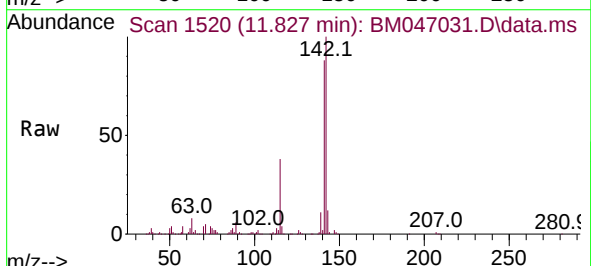
Instrument :
BNA_M
ClientSampleId :
F7E13DL

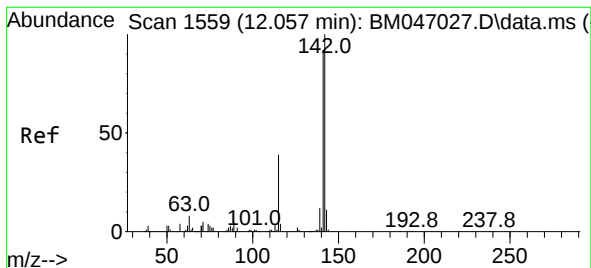
Tgt Ion:128 Resp: 1368500
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 13.0 10.4 15.6



#36
2-Methylnaphthalene
Concen: 13.354 ng/ul
RT: 11.827 min Scan# 1520
Delta R.T. -0.000 min
Lab File: BM047031.D
Acq: 06 Aug 2024 20:35

Tgt Ion:142 Resp: 321701
Ion Ratio Lower Upper
142 100
141 88.0 69.9 104.9





#37

1-Methylnaphthalene

Concen: 6.126 ng/ul

RT: 12.051 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM047031.D

Acq: 06 Aug 2024 20:35

Instrument :

BNA_M

ClientSampleId :

F7E13DL

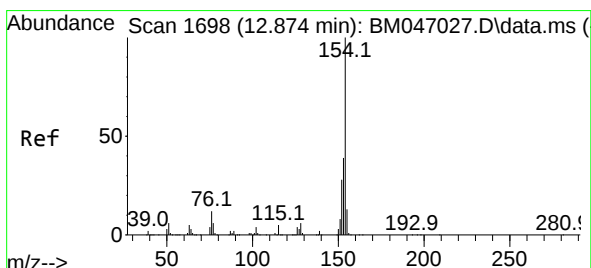
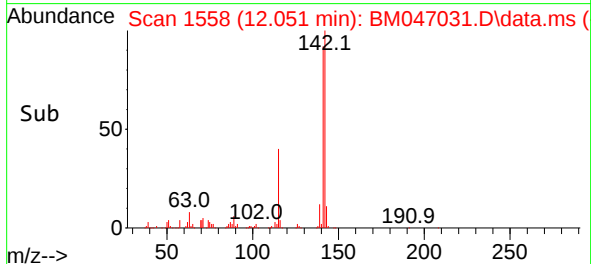
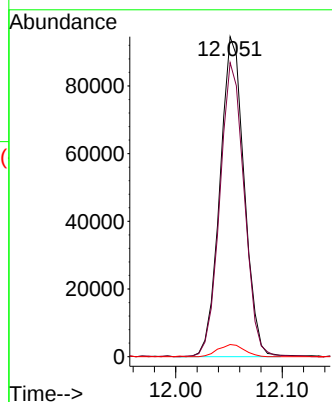
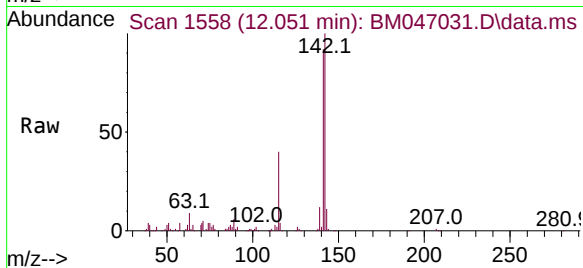
Tgt Ion:142 Resp: 149406

Ion Ratio Lower Upper

142 100

141 91.9 72.0 108.0

116 3.8 3.6 5.4



#43

1,1'-Biphenyl

Concen: 2.697 ng/ul

RT: 12.874 min Scan# 1698

Delta R.T. -0.000 min

Lab File: BM047031.D

Acq: 06 Aug 2024 20:35

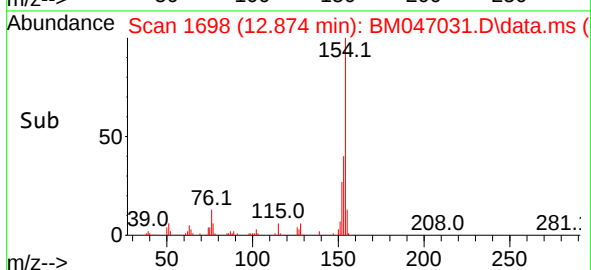
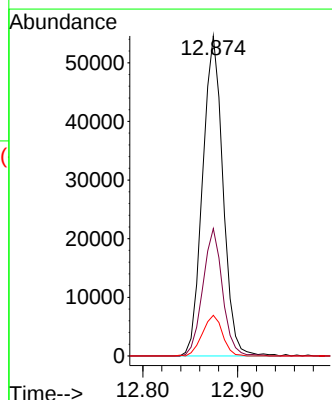
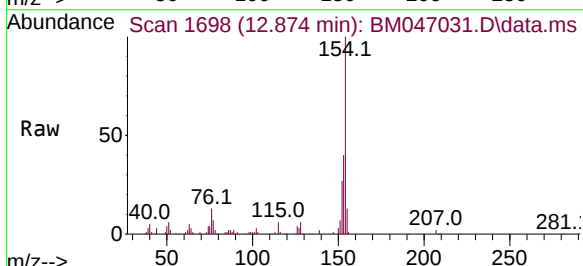
Tgt Ion:154 Resp: 81294

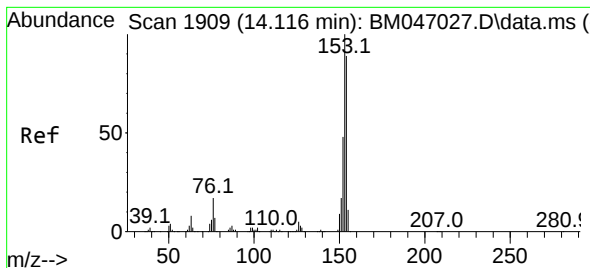
Ion Ratio Lower Upper

154 100

153 39.8 30.7 46.1

76 12.7 9.3 13.9





#52

Acenaphthene

Concen: 9.260 ng/ul

RT: 14.116 min Scan# 1909

Delta R.T. -0.000 min

Lab File: BM047031.D

Acq: 06 Aug 2024 20:35

Instrument :

BNA_M

ClientSampleId :

F7E13DL

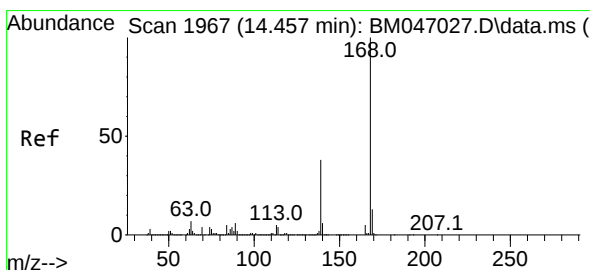
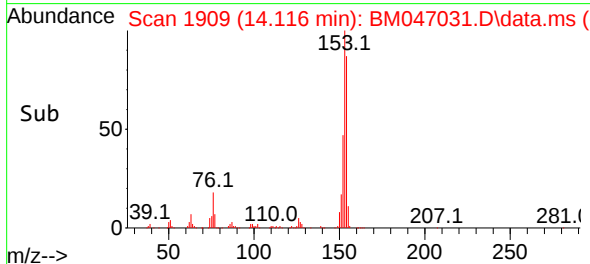
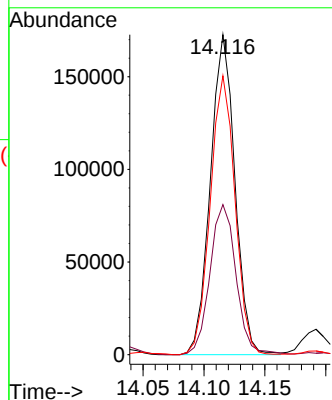
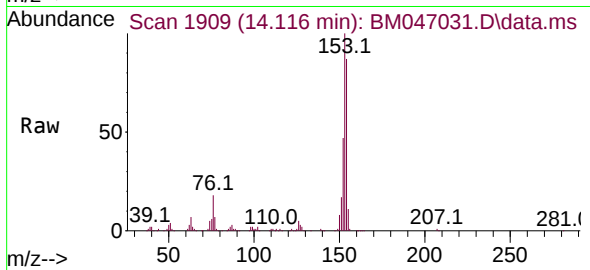
Tgt Ion:153 Resp: 242422

Ion Ratio Lower Upper

153 100

152 46.9 38.2 57.2

154 87.2 70.1 105.1



#56

Dibenzofuran

Concen: 7.454 ng/ul

RT: 14.457 min Scan# 1967

Delta R.T. -0.000 min

Lab File: BM047031.D

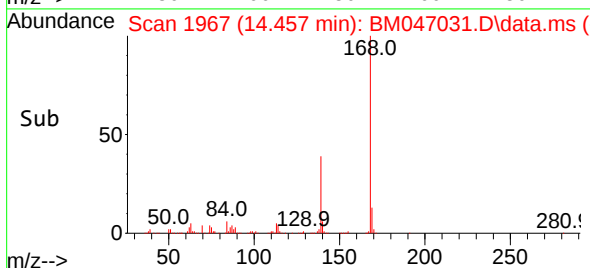
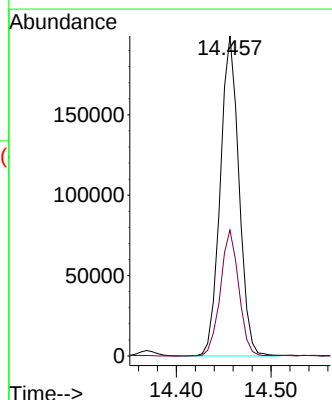
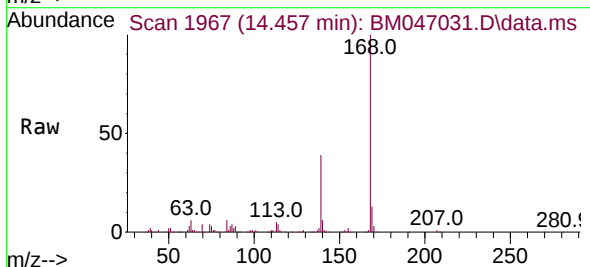
Acq: 06 Aug 2024 20:35

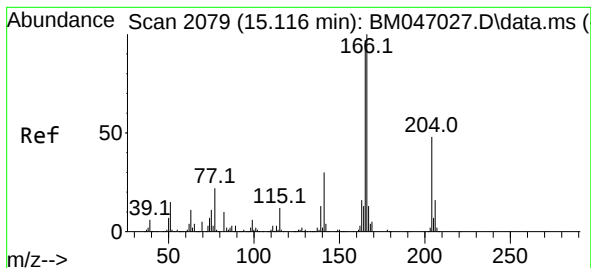
Tgt Ion:168 Resp: 273876

Ion Ratio Lower Upper

168 100

139 39.4 33.0 49.4





#61

Fluorene

Concen: 8.878 ng/ul

RT: 15.110 min Scan# 2079

Delta R.T. -0.006 min

Lab File: BM047031.D

Acq: 06 Aug 2024 20:35

Instrument :

BNA_M

ClientSampleId :

F7E13DL

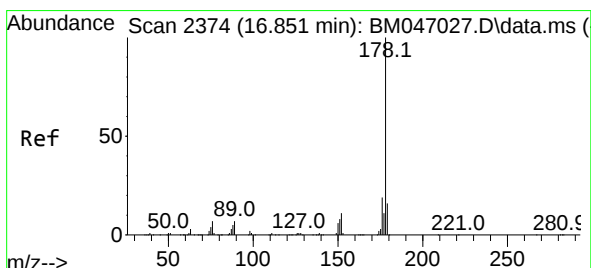
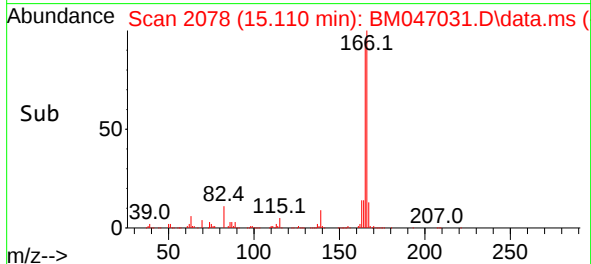
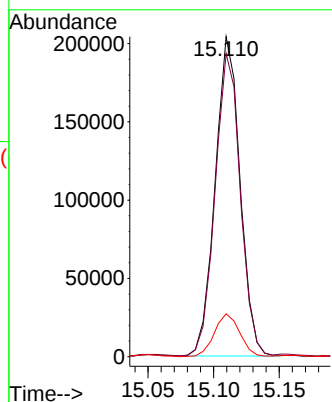
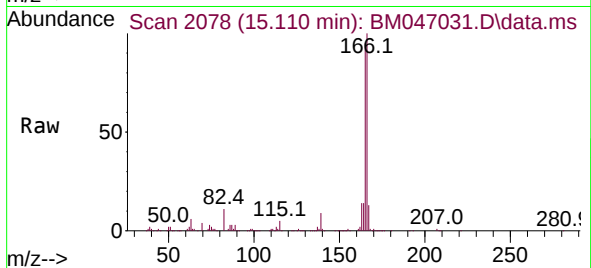
Tgt Ion:166 Resp: 269046

Ion Ratio Lower Upper

166 100

165 94.8 79.5 119.3

167 13.4 11.5 17.3



#72

Phenanthrene

Concen: 23.222 ng/ul

RT: 16.851 min Scan# 2374

Delta R.T. -0.000 min

Lab File: BM047031.D

Acq: 06 Aug 2024 20:35

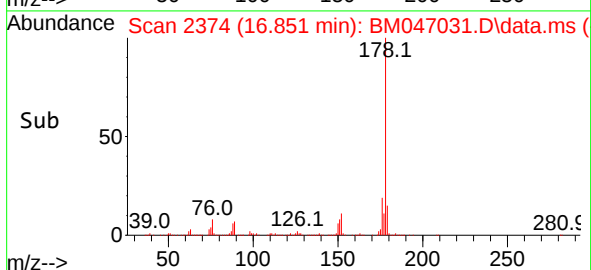
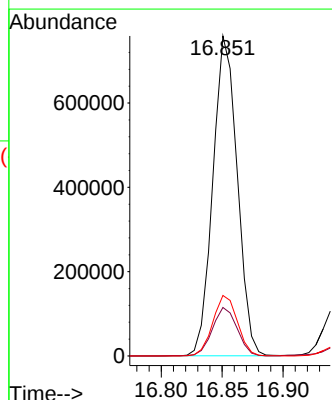
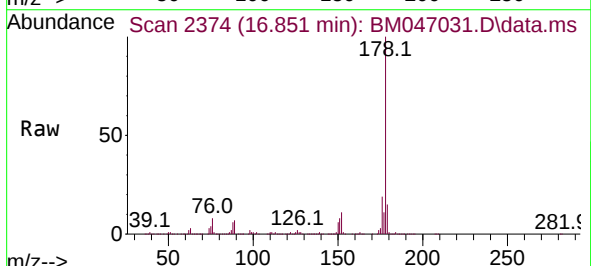
Tgt Ion:178 Resp: 1055256

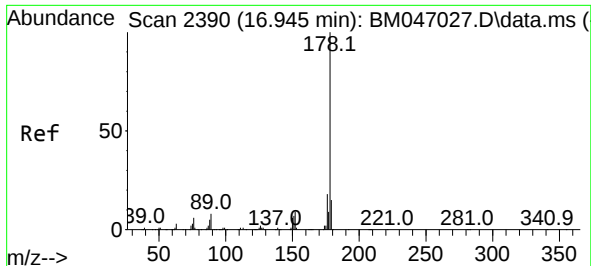
Ion Ratio Lower Upper

178 100

179 15.2 12.3 18.5

176 18.9 15.3 22.9

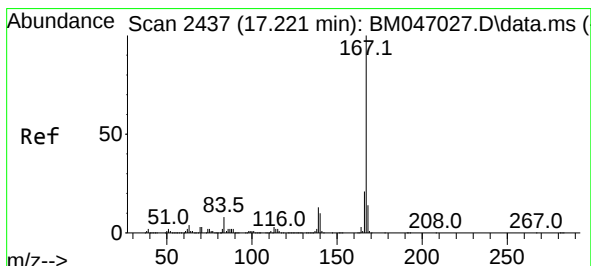
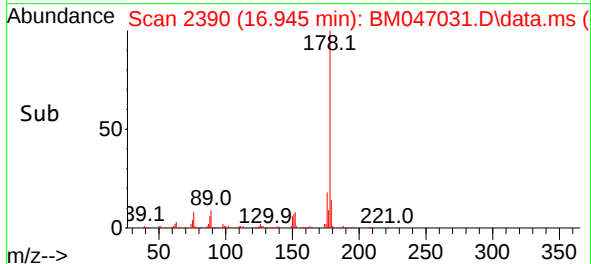
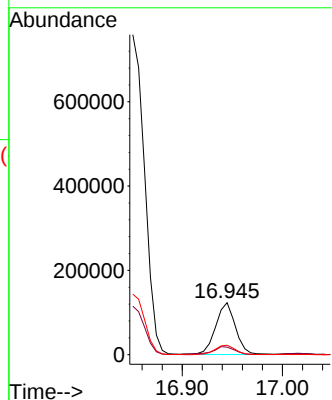
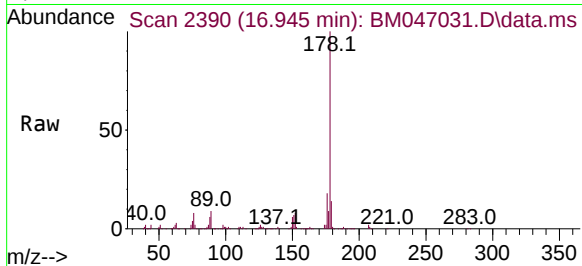




#74
 Anthracene
 Concen: 3.684 ng/ul
 RT: 16.945 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM047031.D
 Acq: 06 Aug 2024 20:35

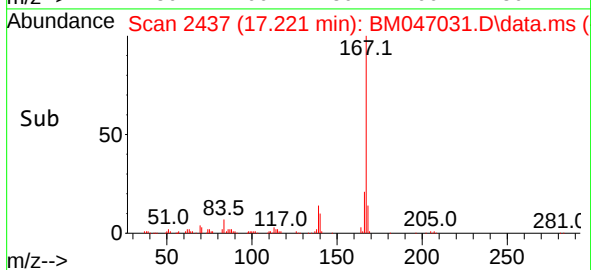
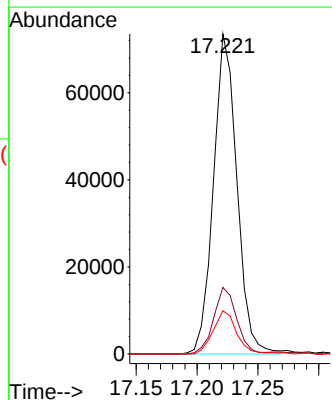
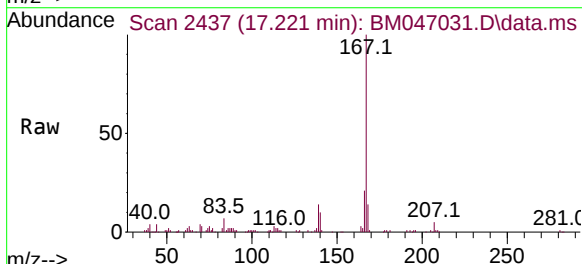
Instrument :
 BNA_M
 ClientSampleId :
 F7E13DL

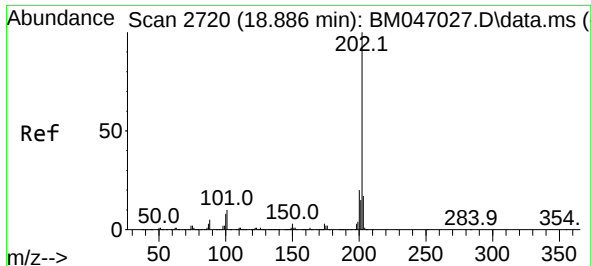
Tgt Ion:178 Resp: 168828
 Ion Ratio Lower Upper
 178 100
 179 14.4 12.2 18.2
 176 18.1 14.6 22.0



#77
 Carbazole
 Concen: 2.316 ng/ul
 RT: 17.221 min Scan# 2437
 Delta R.T. -0.000 min
 Lab File: BM047031.D
 Acq: 06 Aug 2024 20:35

Tgt Ion:167 Resp: 98373
 Ion Ratio Lower Upper
 167 100
 166 20.8 17.0 25.4
 139 13.5 10.6 16.0

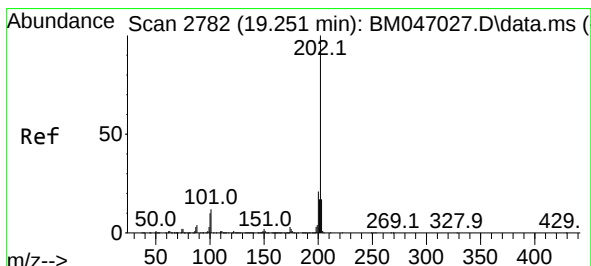
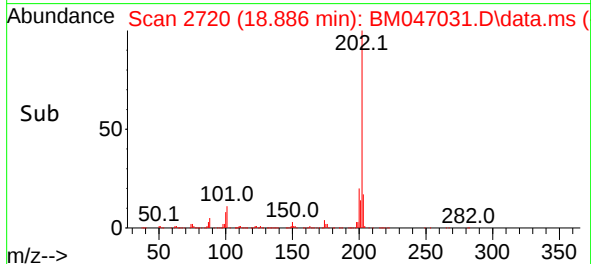
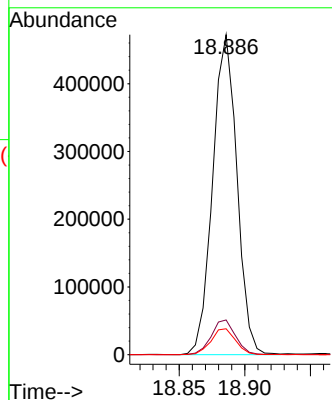
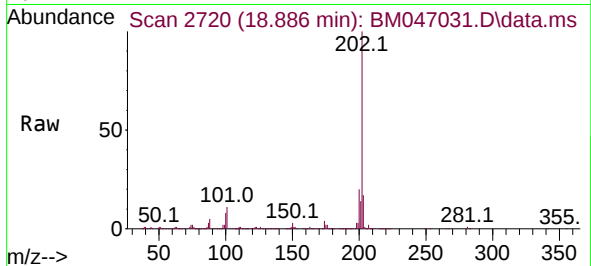




#80
Fluoranthene
Concen: 11.452 ng/u1
RT: 18.886 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM047031.D
Acq: 06 Aug 2024 20:35

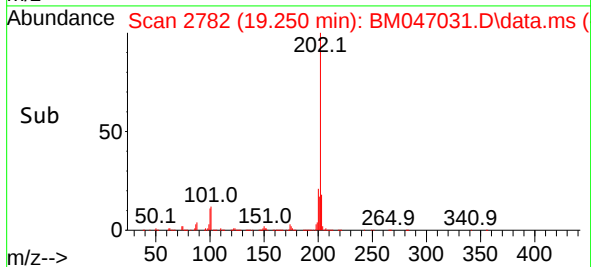
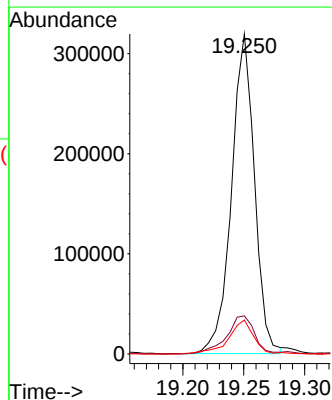
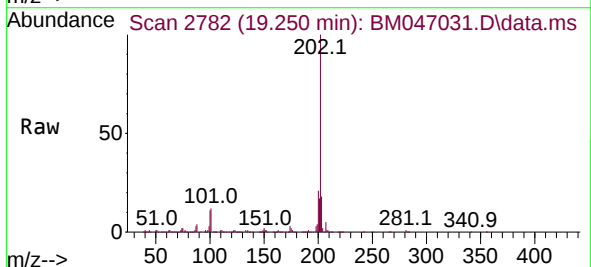
Instrument :
BNA_M
ClientSampleId :
F7E13DL

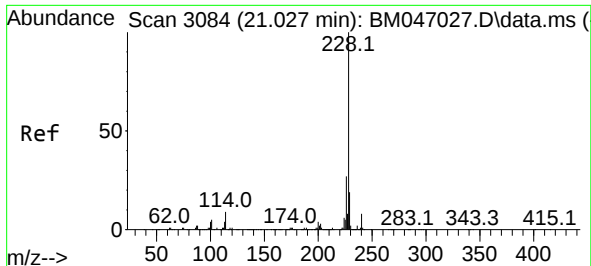
Tgt Ion:202 Resp: 608608
Ion Ratio Lower Upper
202 100
101 10.8 7.8 11.6
100 8.1 5.9 8.9



#82
Pyrene
Concen: 7.401 ng/u1
RT: 19.250 min Scan# 2782
Delta R.T. -0.000 min
Lab File: BM047031.D
Acq: 06 Aug 2024 20:35

Tgt Ion:202 Resp: 419071
Ion Ratio Lower Upper
202 100
101 11.9 8.7 13.1
100 10.6 6.8 10.2#

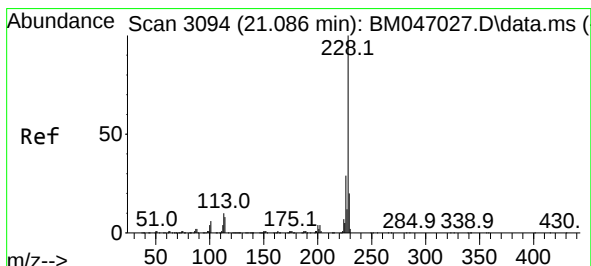
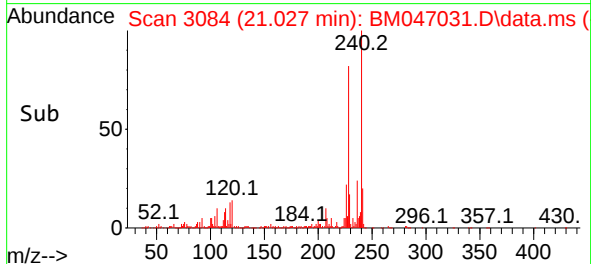
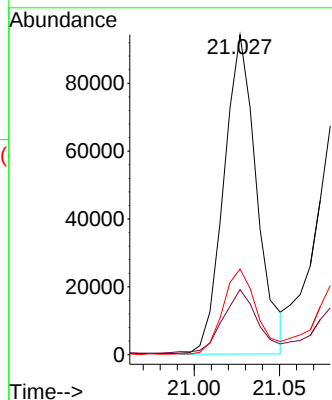
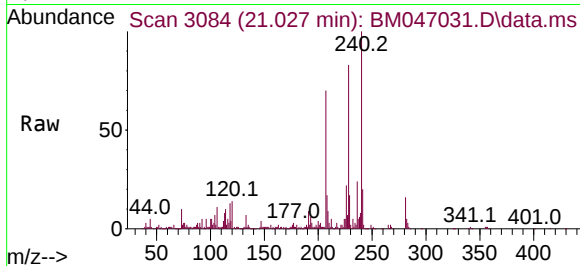




#85
Benzo(a)anthracene
Concen: 2.230 ng/u1
RT: 21.027 min Scan# 3084
Delta R.T. -0.000 min
Lab File: BM047031.D
Acq: 06 Aug 2024 20:35

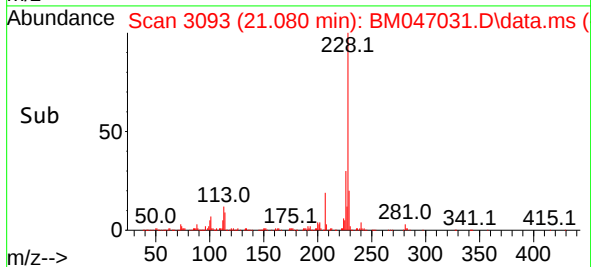
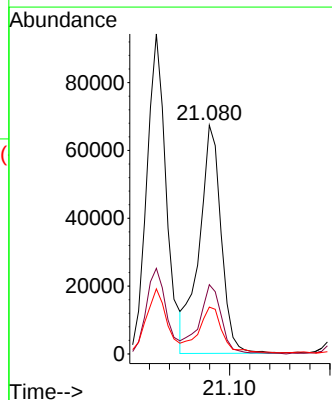
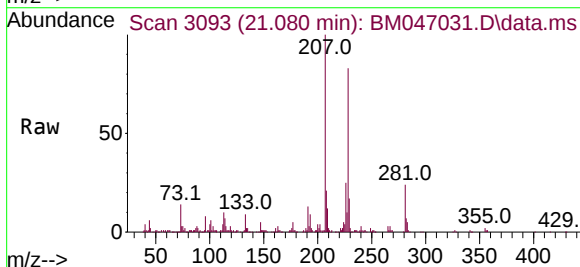
Instrument :
BNA_M
ClientSampleId :
F7E13DL

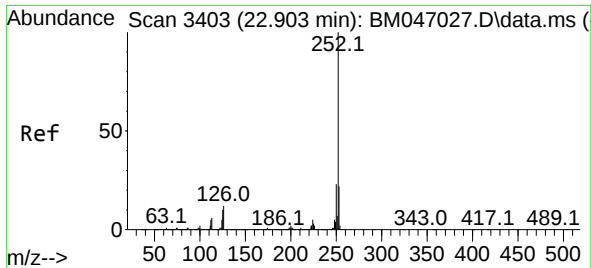
Tgt Ion:228 Resp: 126538
Ion Ratio Lower Upper
228 100
229 20.4 15.5 23.3
226 26.7 21.2 31.8



#87
Chrysene
Concen: 1.902 ng/u1
RT: 21.080 min Scan# 3093
Delta R.T. -0.006 min
Lab File: BM047031.D
Acq: 06 Aug 2024 20:35

Tgt Ion:228 Resp: 102933
Ion Ratio Lower Upper
228 100
226 30.3 24.0 36.0
229 20.5 15.5 23.3





#90
 Benzo(b)fluoranthene
 Concen: 1.173 ng/ul
 RT: 22.903 min Scan# 34
 Delta R.T. -0.000 min
 Lab File: BM047031.D
 Acq: 06 Aug 2024 20:35

Instrument :
 BNA_M
 ClientSampleId :
 F7E13DL

Tgt Ion:252 Resp: 67646
 Ion Ratio Lower Upper
 252 100
 253 21.5 17.4 26.2
 125 11.0 7.0 10.6#

