

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121323\
 Data File : BM043315.D
 Acq On : 13 Dec 2023 23:25
 Operator : MA/JU
 Sample : 05690-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCLH6

Quant Time: Dec 13 23:56:25 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 13 22:33:14 2023
 Response via : Initial Calibration

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

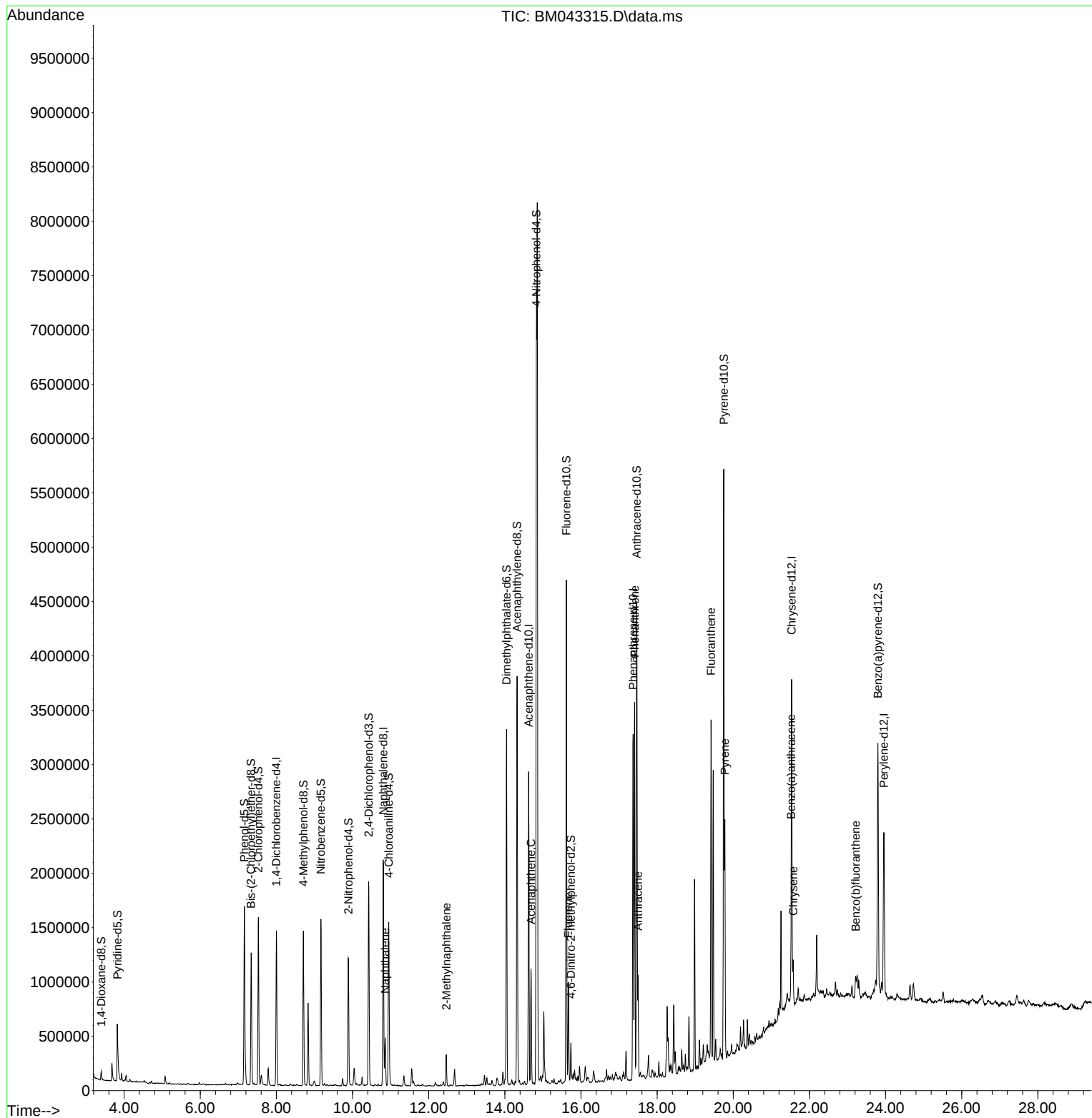
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.998	152	367887	20.000	ng/u1	0.00
20) Naphthalene-d8	10.804	136	1693032	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.627	164	968162	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.368	188	1826151	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.533	240	1172139	20.000	ng/u1	# 0.00
88) Perylene-d12	23.956	264	1097323	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	41132	4.388	ng/uL	0.00
4) Pyridine-d5	3.822	84	296494	10.660	ng/u1	0.00
7) Phenol-d5	7.157	99	886298	24.267	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.334	67	570887	25.250	ng/u1	0.00
11) 2-Chlorophenol-d4	7.528	132	681751	24.485	ng/u1	0.00
15) 4-Methylphenol-d8	8.710	113	533424	18.461	ng/u1	0.00
21) Nitrobenzene-d5	9.169	128	362135	25.095	ng/u1	0.00
24) 2-Nitrophenol-d4	9.892	143	368131	26.455	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.422	165	653497	21.070	ng/u1	0.00
31) 4-Chloroaniline-d4	10.951	131	826759	18.526	ng/u1	0.00
46) Dimethylphthalate-d6	14.045	166	2009188	23.674	ng/u1	0.00
49) Acenaphthylene-d8	14.321	160	2361020	24.046	ng/u1	0.00
54) 4-Nitrophenol-d4	14.827	143	323300	21.259	ng/u1	0.00
60) Fluorene-d10	15.616	176	1698813	22.963	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.733	200	56989	5.670	ng/u1	0.00
73) Anthracene-d10	17.462	188	2384656	24.137	ng/u1	0.00
81) Pyrene-d10	19.751	212	2476879	33.025	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.797	264	1650271	25.773	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.857	128	352088	3.388	ng/u1	99
36) 2-Methylnaphthalene	12.463	142	134189	1.795	ng/u1	98
52) Acenaphthene	14.686	153	397522	5.431	ng/u1	99
61) Fluorene	15.668	166	398674	4.606	ng/u1	99
72) Phenanthrene	17.410	178	1977106	17.362	ng/u1	100
74) Anthracene	17.498	178	540988	4.716	ng/u1	99
80) Fluoranthene	19.415	202	1673226	19.449	ng/u1#	91
82) Pyrene	19.780	202	1224831	13.686	ng/u1#	94
85) Benzo(a)anthracene	21.521	228	207342	2.307	ng/u1	99
87) Chrysene	21.574	228	226513	2.822	ng/u1	98
90) Benzo(b)fluoranthene	23.215	252	165394	2.113	ng/u1#	87

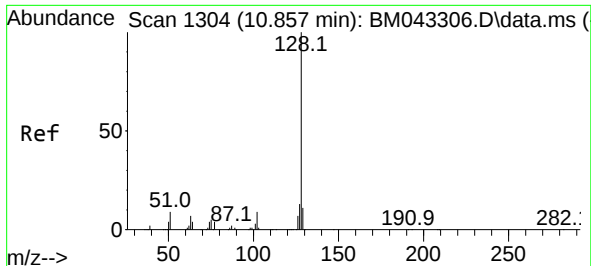
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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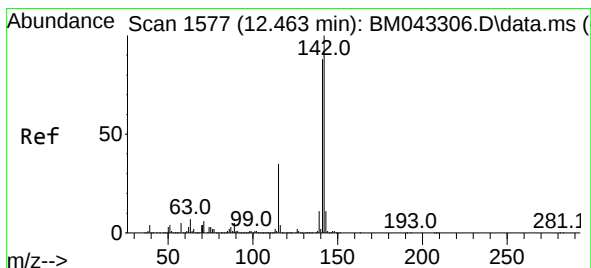
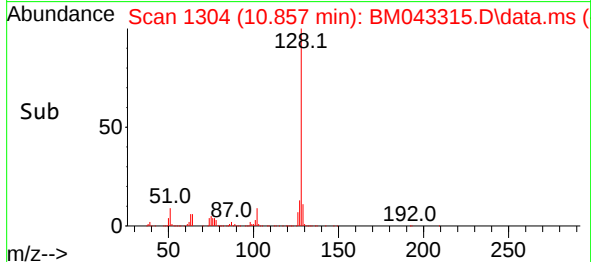
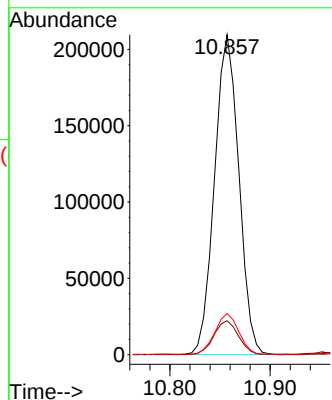
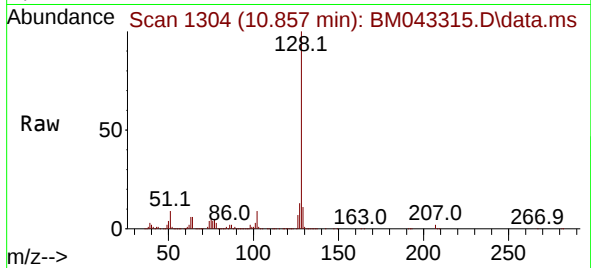




#30
Naphthalene
Concen: 3.388 ng/ul
RT: 10.857 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM043315.D
Acq: 13 Dec 2023 23:25

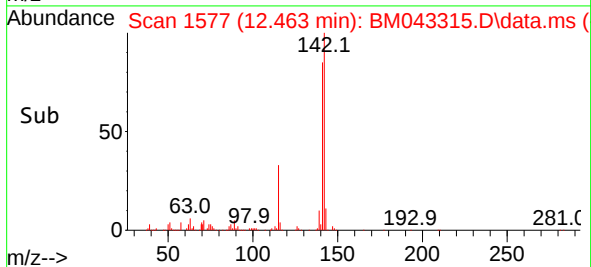
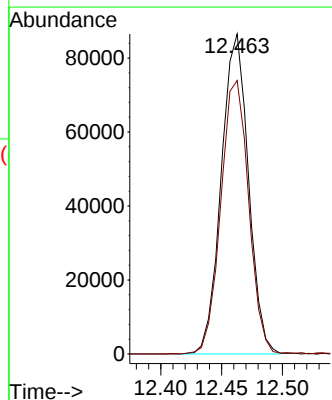
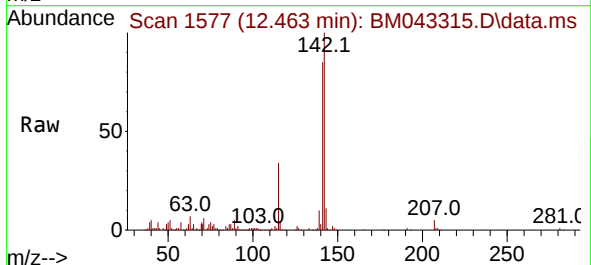
Instrument :
BNA_M
ClientSampleId :
DCLH6

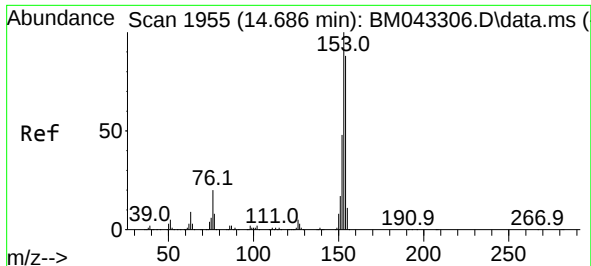
Tgt Ion:128 Resp: 352088
Ion Ratio Lower Upper
128 100
129 10.6 9.0 13.4
127 12.8 10.4 15.6



#36
2-Methylnaphthalene
Concen: 1.795 ng/ul
RT: 12.463 min Scan# 1577
Delta R.T. -0.000 min
Lab File: BM043315.D
Acq: 13 Dec 2023 23:25

Tgt Ion:142 Resp: 134189
Ion Ratio Lower Upper
142 100
141 85.4 70.0 105.0

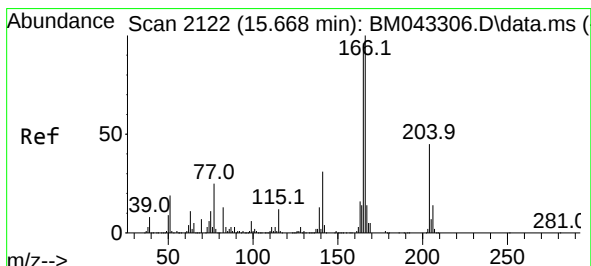
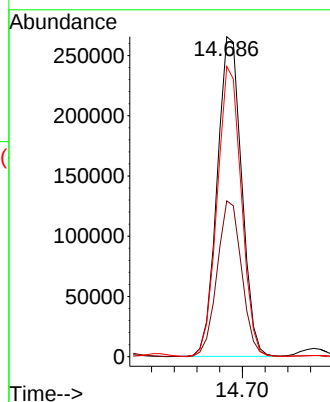
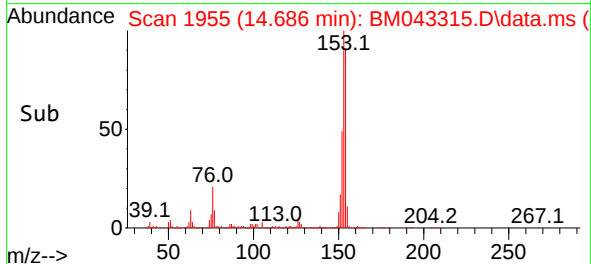
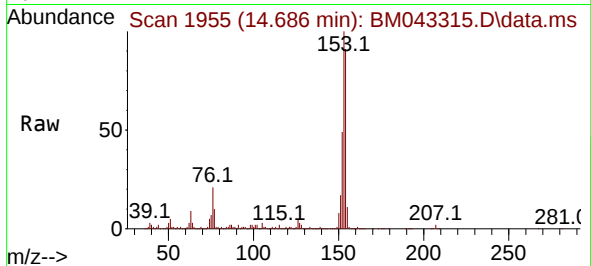




#52
Acenaphthene
Concen: 5.431 ng/ul
RT: 14.686 min Scan# 1955
Delta R.T. -0.000 min
Lab File: BM043315.D
Acq: 13 Dec 2023 23:25

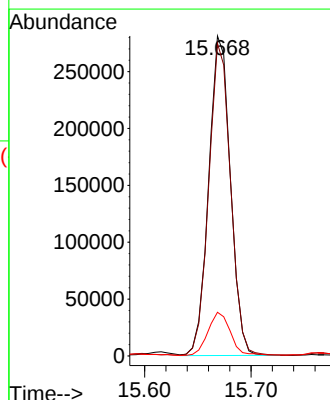
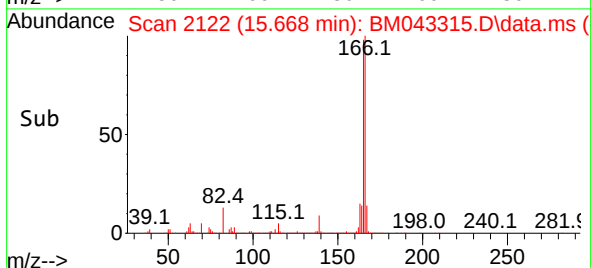
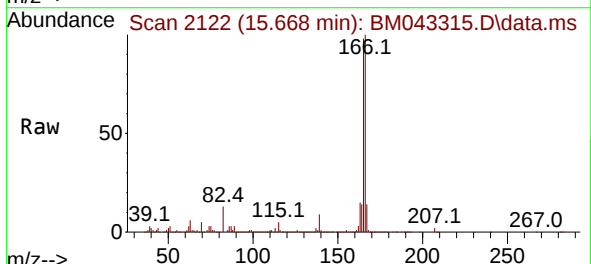
Instrument :
BNA_M
ClientSampleId :
DCLH6

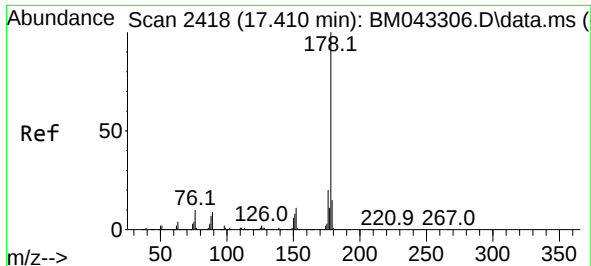
Tgt Ion:153 Resp: 397522
Ion Ratio Lower Upper
153 100
152 48.7 38.6 58.0
154 90.7 71.6 107.4



#61
Fluorene
Concen: 4.606 ng/ul
RT: 15.668 min Scan# 2122
Delta R.T. -0.000 min
Lab File: BM043315.D
Acq: 13 Dec 2023 23:25

Tgt Ion:166 Resp: 398674
Ion Ratio Lower Upper
166 100
165 97.7 77.5 116.3
167 13.6 10.7 16.1

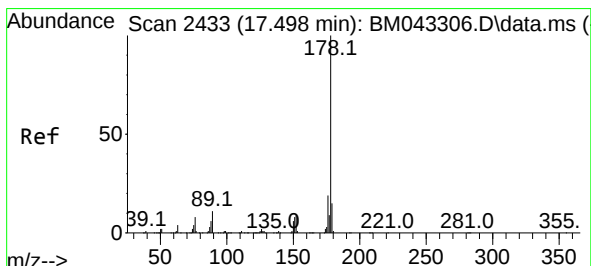
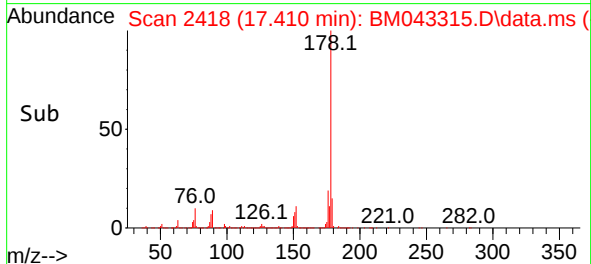
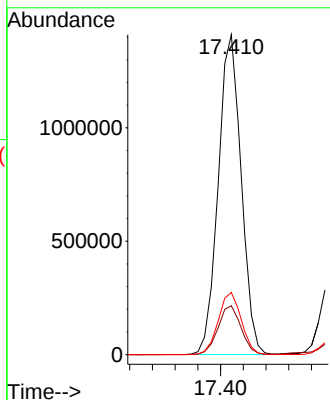
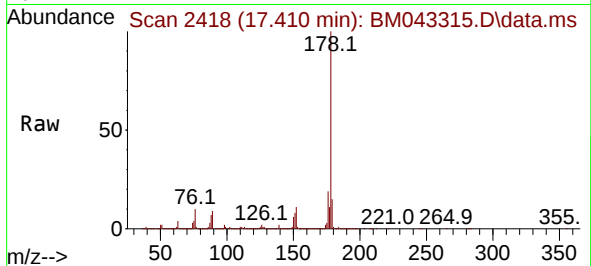




#72
Phenanthrene
Concen: 17.362 ng/ul
RT: 17.410 min Scan# 2418
Delta R.T. -0.000 min
Lab File: BM043315.D
Acq: 13 Dec 2023 23:25

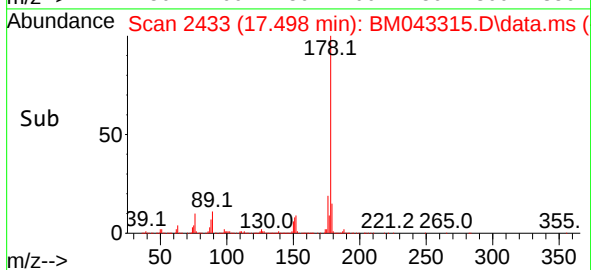
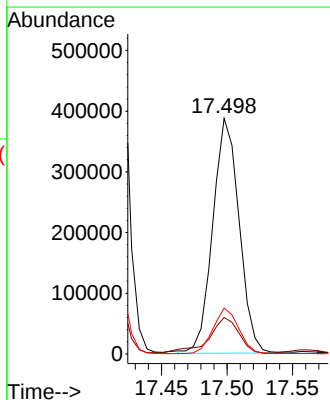
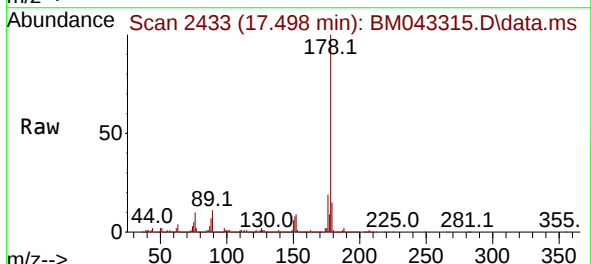
Instrument :
BNA_M
ClientSampleId :
DCLH6

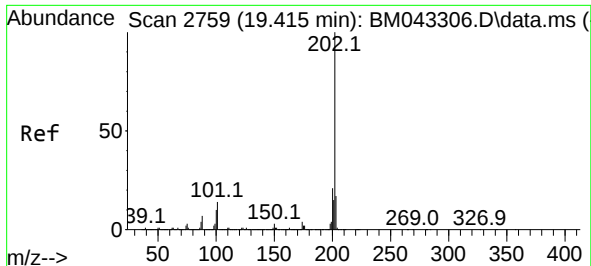
Tgt Ion:178 Resp: 1977106
Ion Ratio Lower Upper
178 100
179 15.3 12.2 18.2
176 19.5 15.7 23.5



#74
Anthracene
Concen: 4.716 ng/ul
RT: 17.498 min Scan# 2433
Delta R.T. -0.000 min
Lab File: BM043315.D
Acq: 13 Dec 2023 23:25

Tgt Ion:178 Resp: 540988
Ion Ratio Lower Upper
178 100
179 15.5 12.1 18.1
176 19.5 15.1 22.7

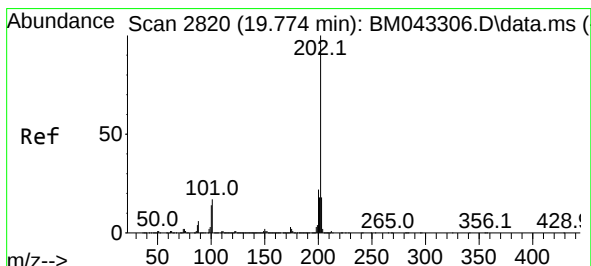
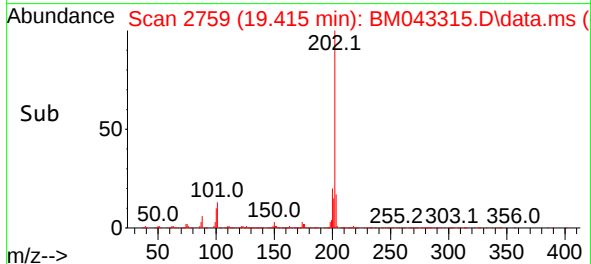
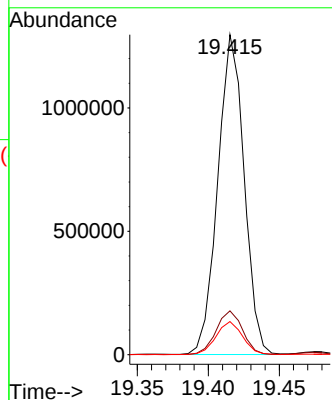
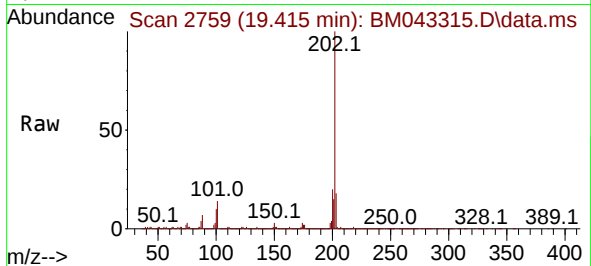




#80
Fluoranthene
Concen: 19.449 ng/ul
RT: 19.415 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM043315.D
Acq: 13 Dec 2023 23:25

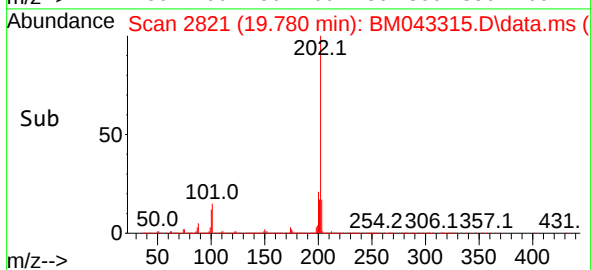
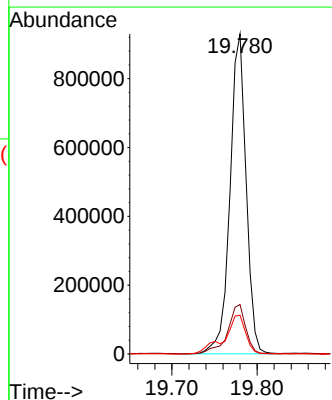
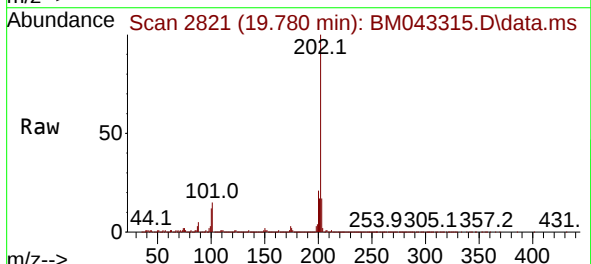
Instrument :
BNA_M
ClientSampleId :
DCLH6

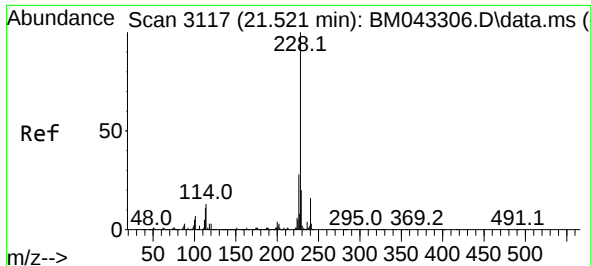
Tgt Ion:202 Resp: 1673226
Ion Ratio Lower Upper
202 100
101 13.7 8.2 12.2#
100 10.4 6.1 9.1#



#82
Pyrene
Concen: 13.686 ng/ul
RT: 19.780 min Scan# 2821
Delta R.T. 0.006 min
Lab File: BM043315.D
Acq: 13 Dec 2023 23:25

Tgt Ion:202 Resp: 1224831
Ion Ratio Lower Upper
202 100
101 15.5 10.2 15.2#
100 12.1 8.2 12.2

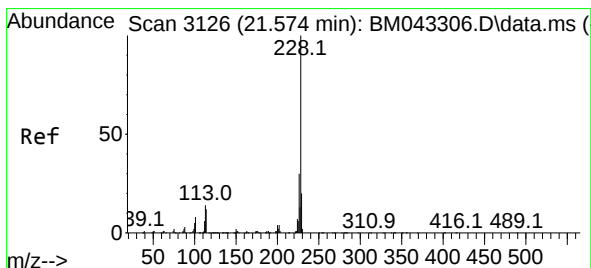
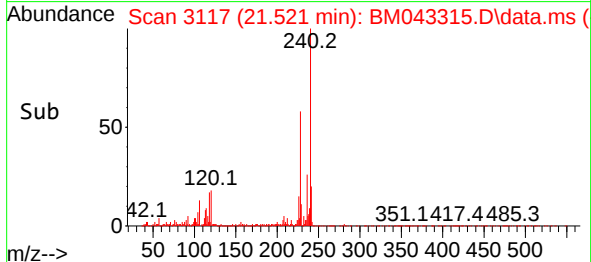
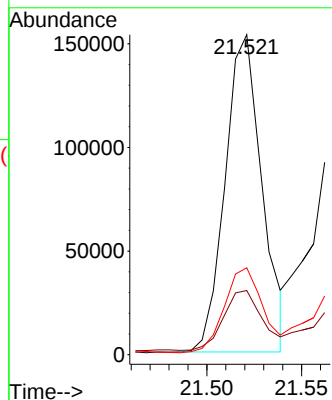
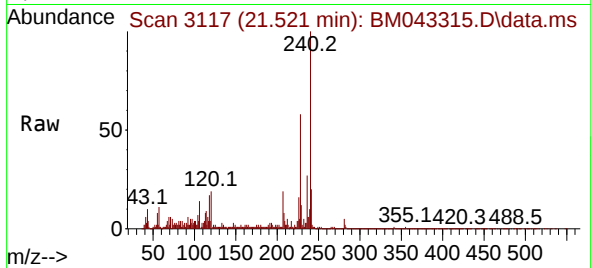




#85
Benzo(a)anthracene
Concen: 2.307 ng/ul
RT: 21.521 min Scan# 3117
Delta R.T. -0.000 min
Lab File: BM043315.D
Acq: 13 Dec 2023 23:25

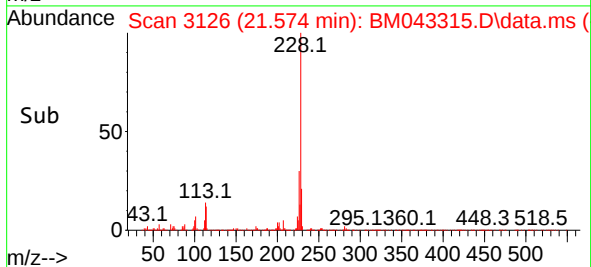
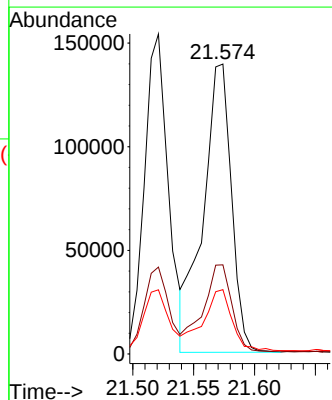
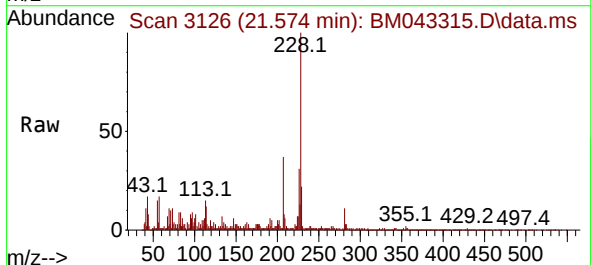
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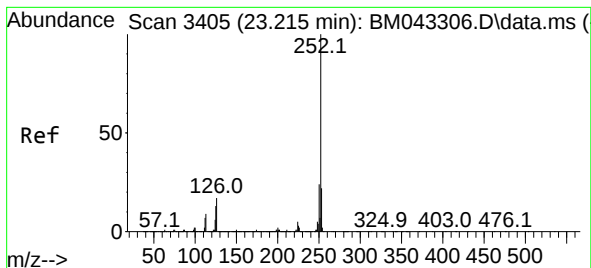
Tgt Ion:228 Resp: 207342
Ion Ratio Lower Upper
228 100
229 20.1 15.8 23.8
226 27.2 22.2 33.4



#87
Chrysene
Concen: 2.822 ng/ul
RT: 21.574 min Scan# 3126
Delta R.T. -0.000 min
Lab File: BM043315.D
Acq: 13 Dec 2023 23:25

Tgt Ion:228 Resp: 226513
Ion Ratio Lower Upper
228 100
226 30.7 24.8 37.2
229 22.2 16.2 24.2





#90

Benzo(b)fluoranthene

Concen: 2.113 ng/ul

RT: 23.215 min Scan# 34

Delta R.T. -0.000 min

Lab File: BM043315.D

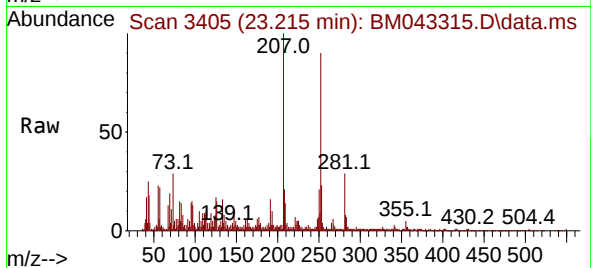
Acq: 13 Dec 2023 23:25

Instrument :

BNA_M

ClientSampleId :

DCLH6



Tgt Ion:252 Resp: 165394

Ion Ratio Lower Upper

252 100

253 25.1 17.4 26.2

125 18.4 7.2 10.8#

