

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121423\
 Data File : BM043345.D
 Acq On : 14 Dec 2023 20:44
 Operator : MA/JU
 Sample : 05626-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCLF2

Quant Time: Dec 14 23:28:02 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)

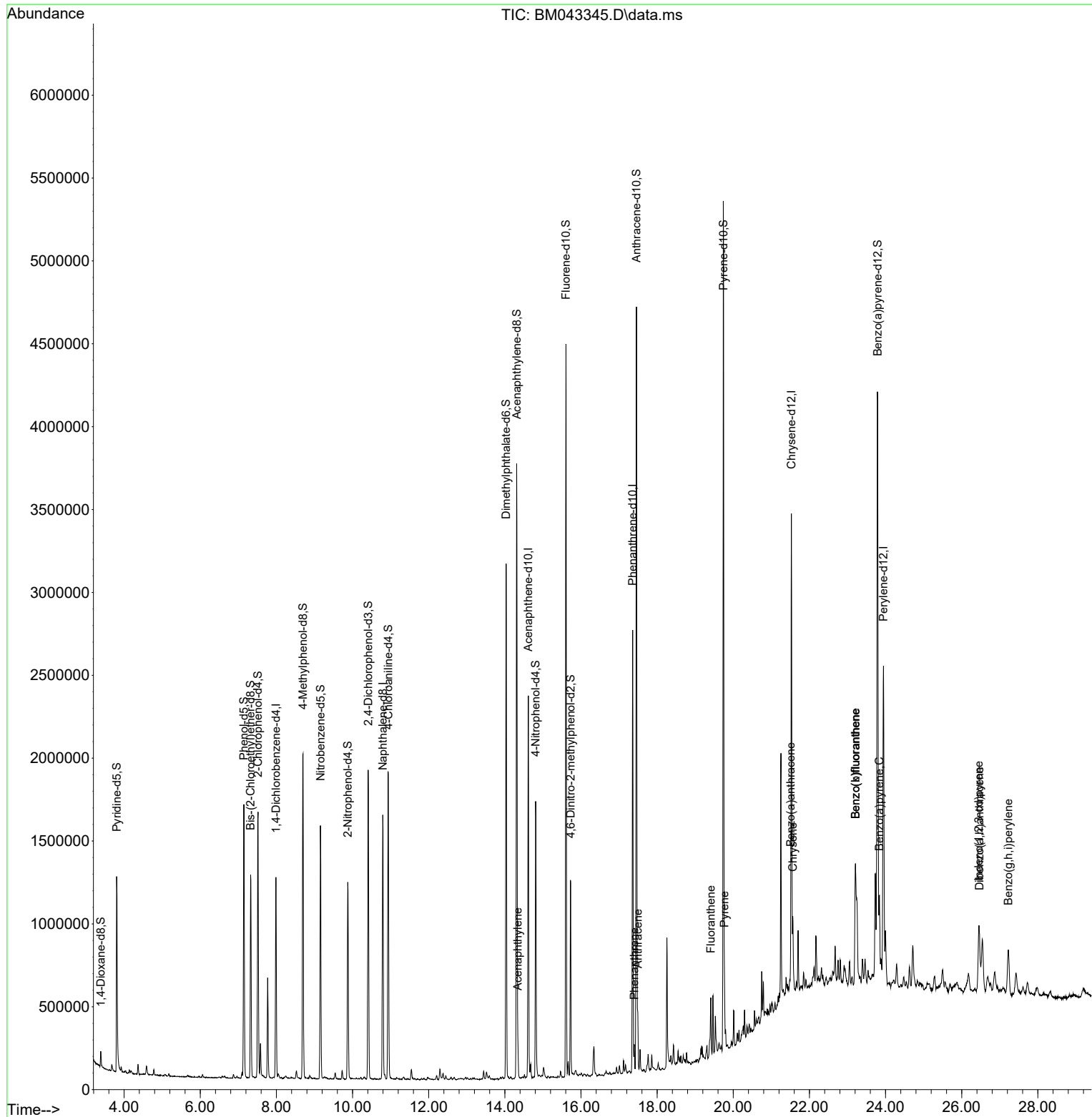
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.986	152	305472	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.792	136	1308156	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.615	164	731389	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.356	188	1407679	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.527	240	1180032	20.000	ng/ul	# 0.00
88) Perylene-d12	23.944	264	1349055	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	43522	5.592	ng/uL	0.00
4) Pyridine-d5	3.804	84	637875	27.621	ng/ul	-0.01
7) Phenol-d5	7.145	99	904488	29.825	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.322	67	565140	30.103	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.510	132	686612	29.699	ng/ul	-0.02
15) 4-Methylphenol-d8	8.698	113	729674	30.413	ng/ul	-0.01
21) Nitrobenzene-d5	9.157	128	346143	31.044	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.875	143	366534	34.090	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.410	165	648565	27.063	ng/ul	-0.02
31) 4-Chloroaniline-d4	10.939	131	985935	28.593	ng/ul	-0.01
46) Dimethylphthalate-d6	14.033	166	1935726	30.192	ng/ul	-0.01
49) Acenaphthylene-d8	14.310	160	2338273	31.524	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.810	143	353575	30.777	ng/ul	-0.01
60) Fluorene-d10	15.604	176	1644164	29.419	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.727	200	194164	25.061	ng/ul	0.00
73) Anthracene-d10	17.456	188	2379521	31.245	ng/ul	0.00
81) Pyrene-d10	19.739	212	2519721	33.372	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.791	264	2499065	31.746	ng/ul	0.00
Target Compounds					Qvalue	
50) Acenaphthylene	14.339	152	144167	1.720	ng/ul	98
72) Phenanthrene	17.398	178	93839	1.069	ng/ul	99
74) Anthracene	17.492	178	201478	2.279	ng/ul	98
80) Fluoranthene	19.409	202	172481	1.991	ng/ul#	91
82) Pyrene	19.768	202	200619	2.227	ng/ul#	90
85) Benzo(a)anthracene	21.509	228	152390	1.684	ng/ul	95
87) Chrysene	21.562	228	283283	3.506	ng/ul	99
90) Benzo(b)fluoranthene	23.209	252	642075	6.671	ng/ul#	93
91) Benzo(k)fluoranthene	23.209	252	642075	6.698	ng/ul#	95
93) Benzo(a)pyrene	23.838	252	366589	4.120	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.450	276	383803	3.787	ng/ul#	96
95) Dibenzo(a,h)anthracene	26.468	278	91235	1.077	ng/ul#	84
96) Benzo(g,h,i)perylene	27.221	276	337394	4.419	ng/ul#	90

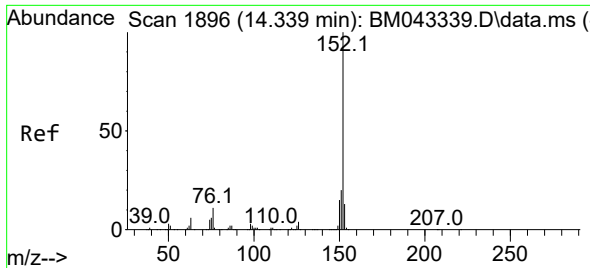
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121423\
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Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 13 22:33:14 2023
Response via : Initial Calibration

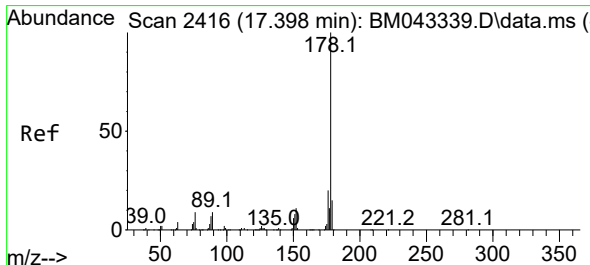
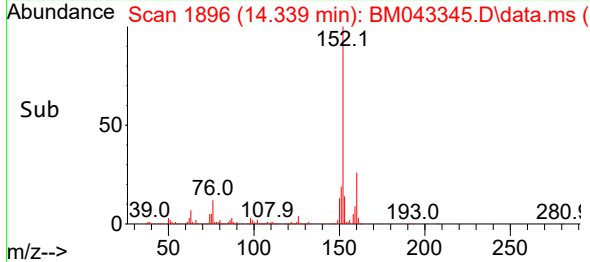
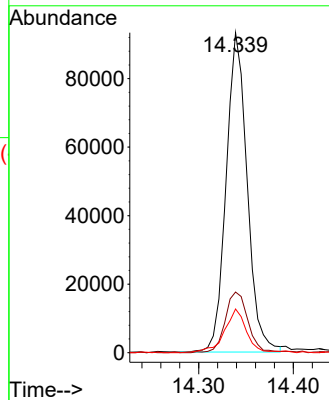
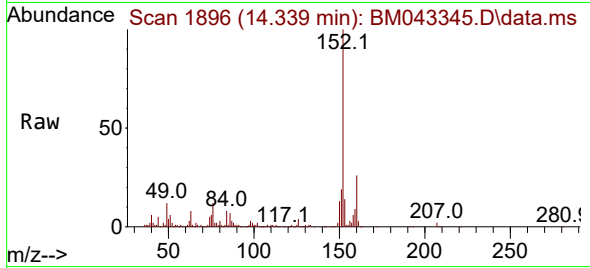




#50
Acenaphthylene
Concen: 1.720 ng/ul
RT: 14.339 min Scan# 1896
Delta R.T. -0.012 min
Lab File: BM043345.D
Acq: 14 Dec 2023 20:44

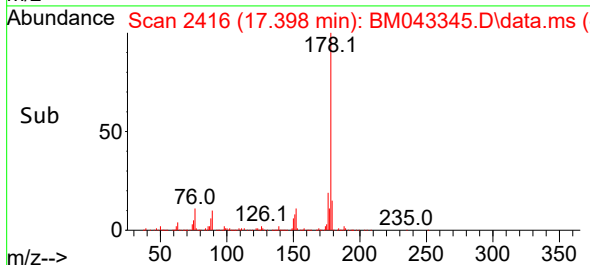
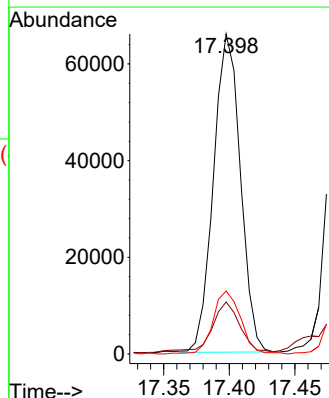
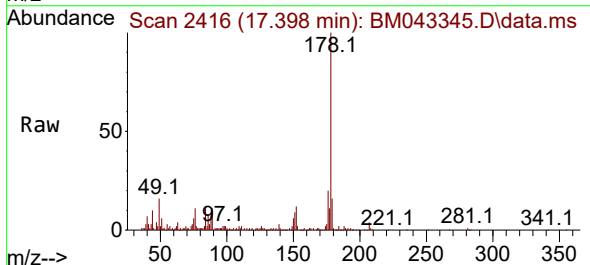
Instrument :
BNA_P
ClientSampleId :
DCLF2

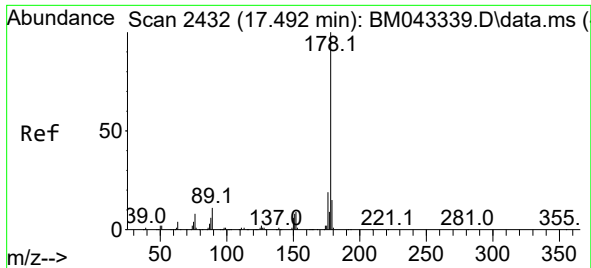
Tgt Ion:152 Resp: 144167
Ion Ratio Lower Upper
152 100
151 18.9 16.0 24.0
153 13.7 10.3 15.5



#72
Phenanthrene
Concen: 1.069 ng/ul
RT: 17.398 min Scan# 2416
Delta R.T. -0.012 min
Lab File: BM043345.D
Acq: 14 Dec 2023 20:44

Tgt Ion:178 Resp: 93839
Ion Ratio Lower Upper
178 100
179 16.2 12.2 18.2
176 19.7 15.7 23.5

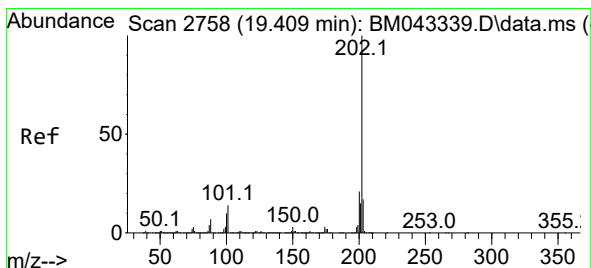
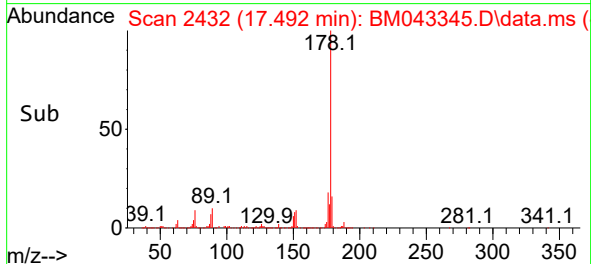
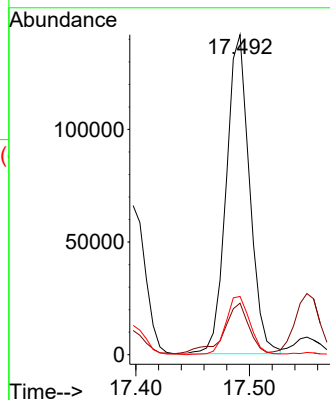
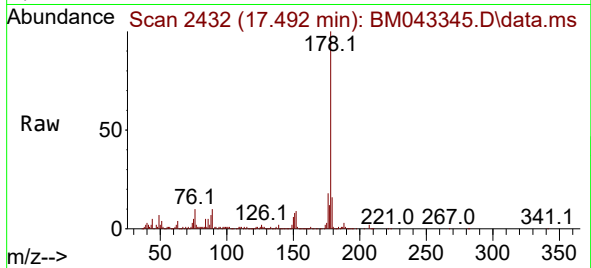




#74
 Anthracene
 Concen: 2.279 ng/ul
 RT: 17.492 min Scan# 2432
 Delta R.T. -0.006 min
 Lab File: BM043345.D
 Acq: 14 Dec 2023 20:44

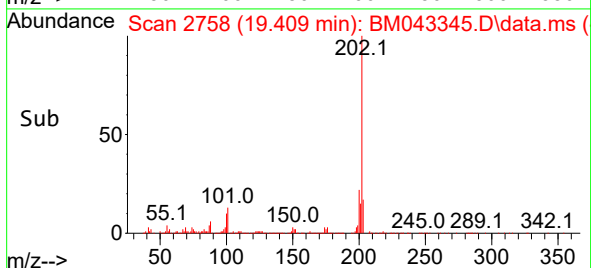
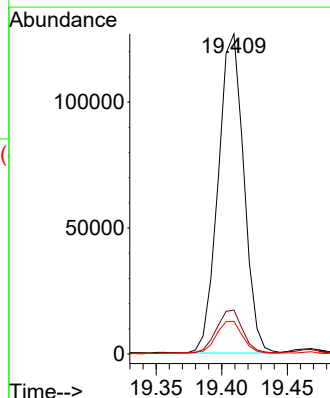
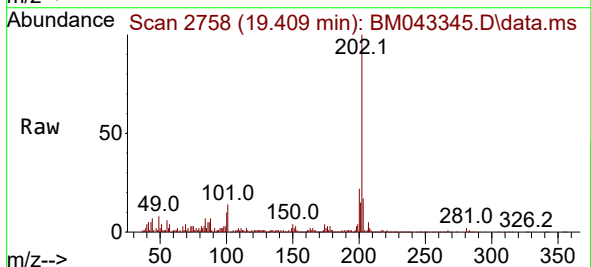
Instrument :
 BNA_P
 ClientSampleId :
 DCLF2

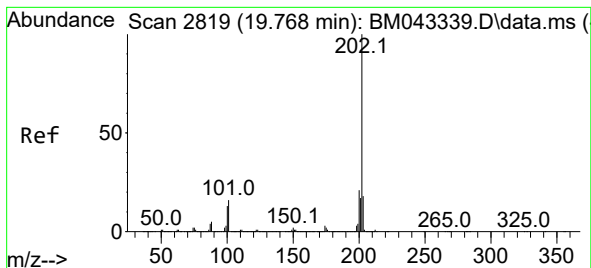
Tgt Ion:178 Resp: 201478
 Ion Ratio Lower Upper
 178 100
 179 16.1 12.1 18.1
 176 18.2 15.1 22.7



#80
 Fluoranthene
 Concen: 1.991 ng/ul
 RT: 19.409 min Scan# 2758
 Delta R.T. -0.006 min
 Lab File: BM043345.D
 Acq: 14 Dec 2023 20:44

Tgt Ion:202 Resp: 172481
 Ion Ratio Lower Upper
 202 100
 101 13.8 8.2 12.2#
 100 10.2 6.1 9.1#





#82

Pyrene

Concen: 2.227 ng/ul

RT: 19.768 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM043345.D

Acq: 14 Dec 2023 20:44

Instrument :

BNA_P

ClientSampleId :

DCLF2

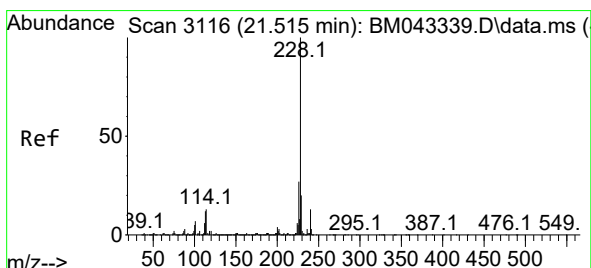
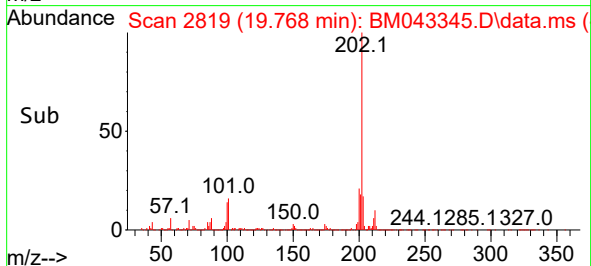
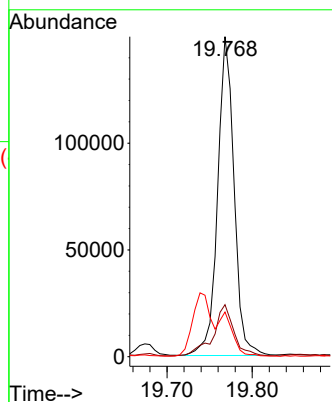
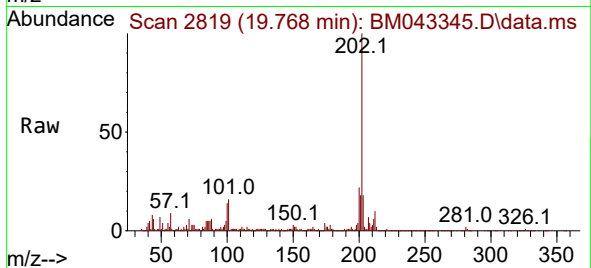
Tgt Ion:202 Resp: 200619

Ion Ratio Lower Upper

202 100

101 16.3 10.2 15.2#

100 14.0 8.2 12.2#



#85

Benzo(a)anthracene

Concen: 1.684 ng/ul

RT: 21.509 min Scan# 3115

Delta R.T. -0.012 min

Lab File: BM043345.D

Acq: 14 Dec 2023 20:44

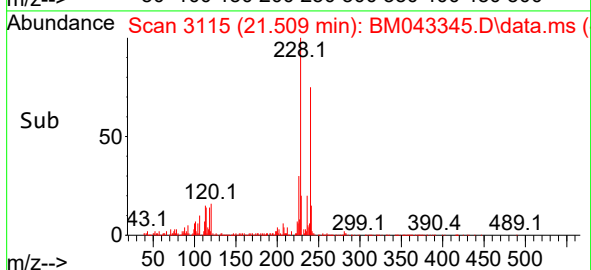
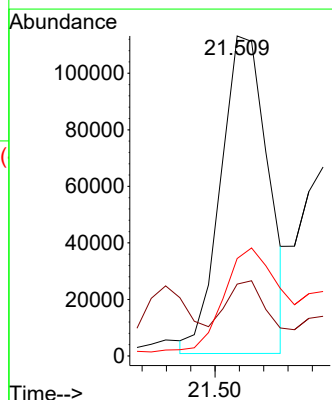
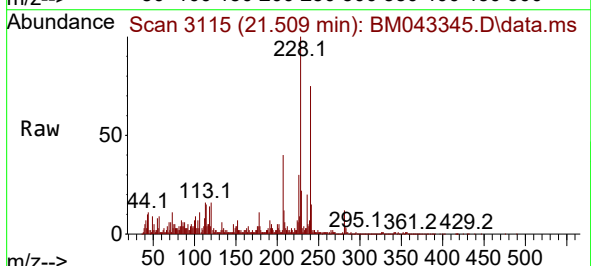
Tgt Ion:228 Resp: 152390

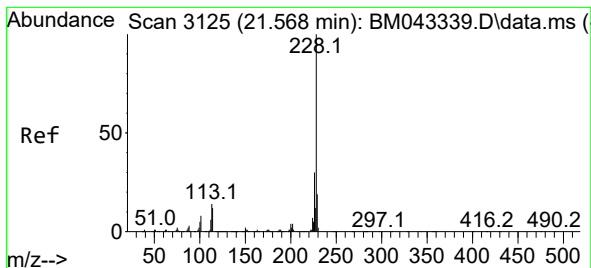
Ion Ratio Lower Upper

228 100

229 22.5 15.8 23.8

226 30.5 22.2 33.4





#87

Chrysene

Concen: 3.506 ng/ul

RT: 21.562 min Scan# 3125

Delta R.T. -0.012 min

Lab File: BM043345.D

Acq: 14 Dec 2023 20:44

Instrument :

BNA_P

ClientSampleId :

DCLF2

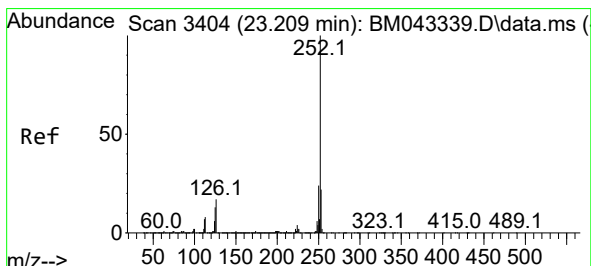
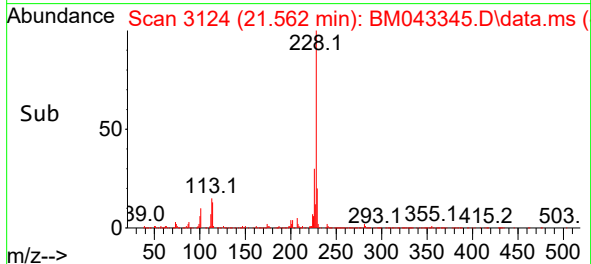
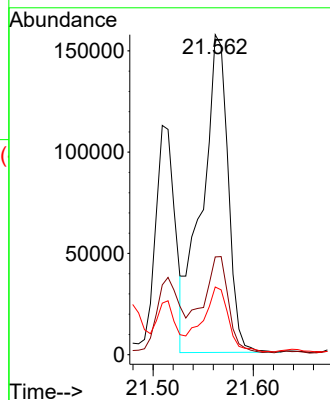
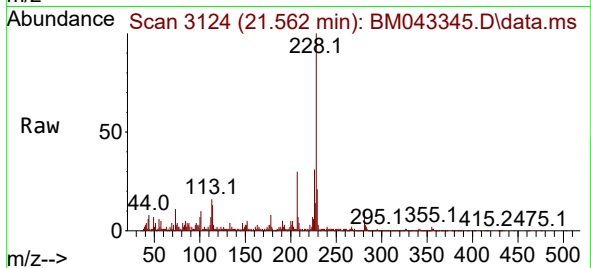
Tgt Ion:228 Resp: 283283

Ion Ratio Lower Upper

228 100

226 30.5 24.8 37.2

229 21.1 16.2 24.2



#90

Benzo(b)fluoranthene

Concen: 6.671 ng/ul

RT: 23.209 min Scan# 3404

Delta R.T. -0.006 min

Lab File: BM043345.D

Acq: 14 Dec 2023 20:44

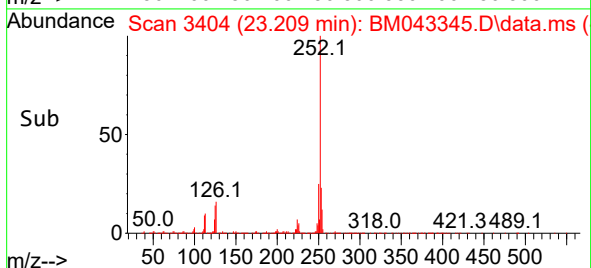
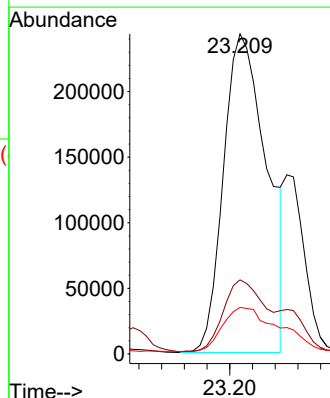
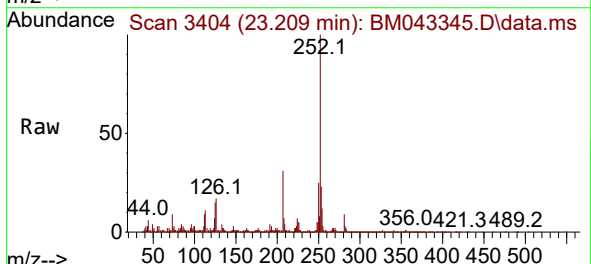
Tgt Ion:252 Resp: 642075

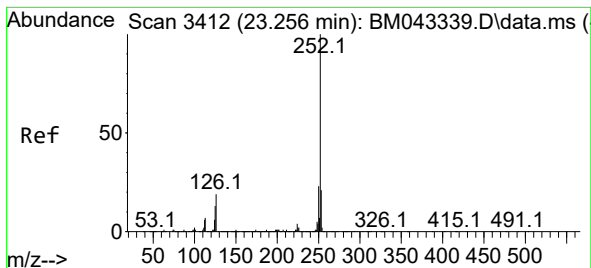
Ion Ratio Lower Upper

252 100

253 23.2 17.4 26.2

125 14.6 7.2 10.8#





#91

Benzo(k)fluoranthene

Concen: 6.698 ng/ul

RT: 23.209 min Scan# 3412

Delta R.T. -0.059 min

Lab File: BM043345.D

Acq: 14 Dec 2023 20:44

Instrument :

BNA_P

ClientSampleId :

DCLF2

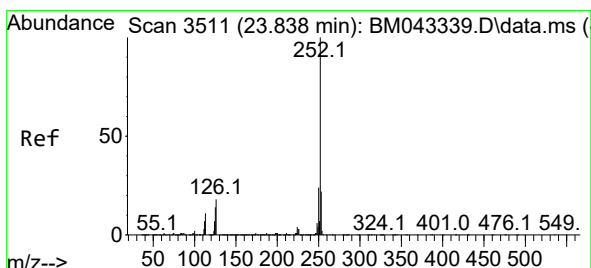
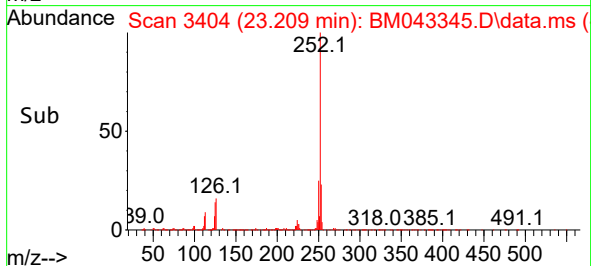
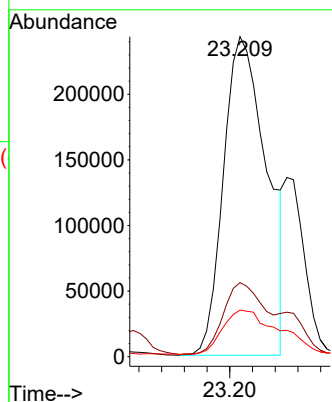
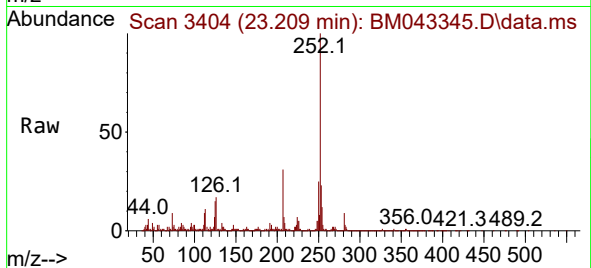
Tgt Ion:252 Resp: 642075

Ion Ratio Lower Upper

252 100

253 23.2 17.9 26.9

125 14.6 7.7 11.5#



#93

Benzo(a)pyrene

Concen: 4.120 ng/ul

RT: 23.838 min Scan# 3511

Delta R.T. -0.006 min

Lab File: BM043345.D

Acq: 14 Dec 2023 20:44

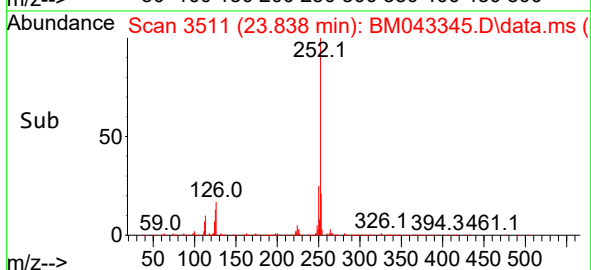
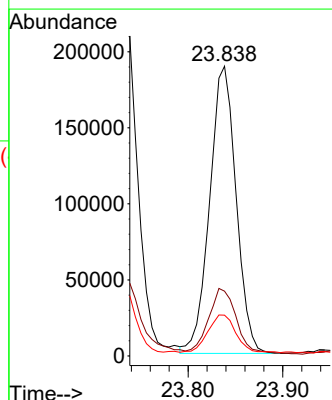
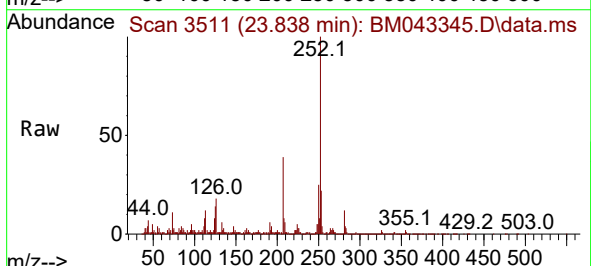
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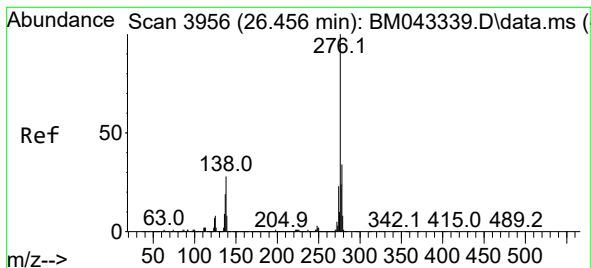
Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.6

125 14.1 8.4 12.6#





#94

Indeno(1,2,3-cd)pyrene

Concen: 3.787 ng/ul

RT: 26.450 min Scan# 3956

Delta R.T. -0.024 min

Lab File: BM043345.D

Acq: 14 Dec 2023 20:44

Instrument :

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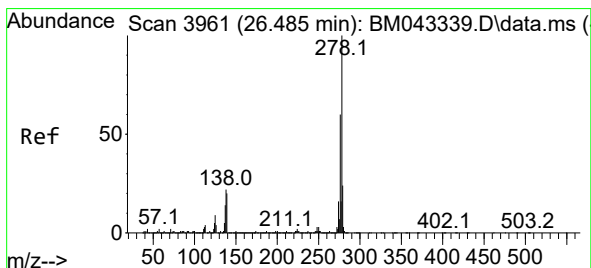
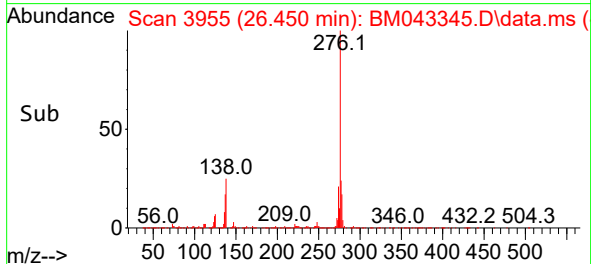
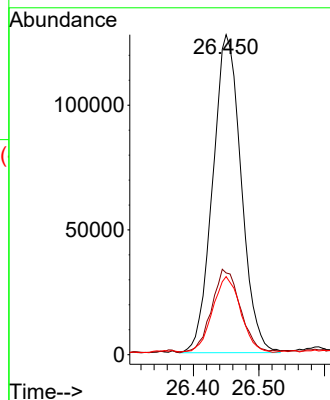
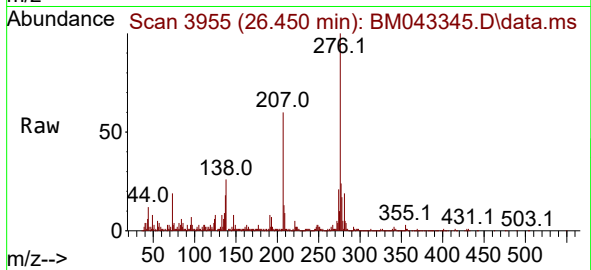
Tgt Ion:276 Resp: 383803

Ion Ratio Lower Upper

276 100

138 25.6 16.9 25.3#

277 24.4 19.5 29.3



#95

Dibenzo(a,h)anthracene

Concen: 1.077 ng/ul

RT: 26.468 min Scan# 3958

Delta R.T. -0.035 min

Lab File: BM043345.D

Acq: 14 Dec 2023 20:44

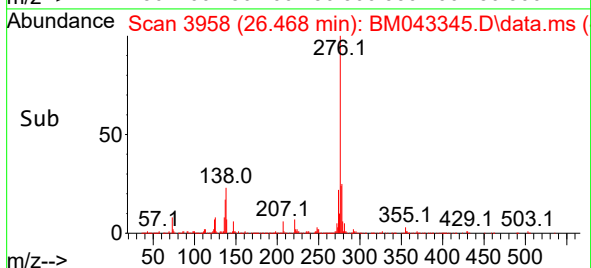
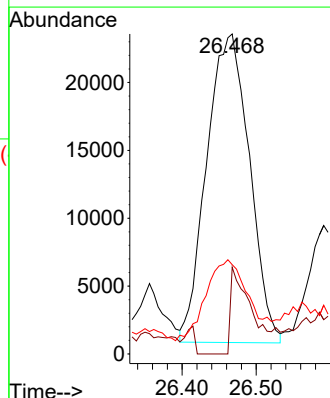
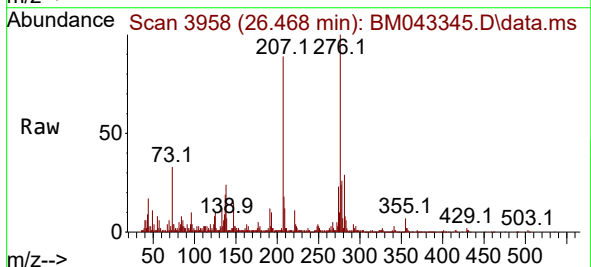
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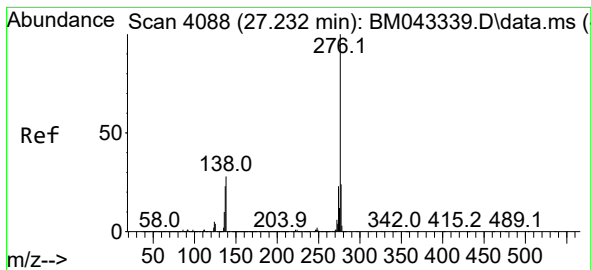
Ion Ratio Lower Upper

278 100

139 27.1 11.9 17.9#

279 27.9 19.4 29.2





#96

Benzo(g,h,i)perylene

Concen: 4.419 ng/ul

RT: 27.221 min Scan# 4086

Delta R.T. -0.024 min

Lab File: BM043345.D

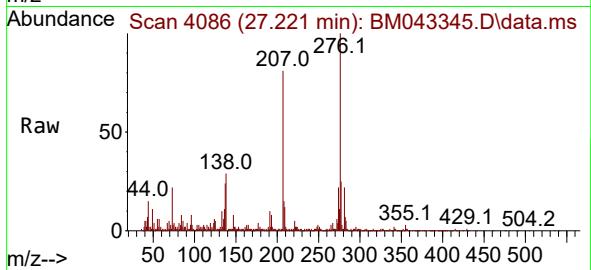
Acq: 14 Dec 2023 20:44

Instrument :

BNA_P

ClientSampleId :

DCLF2



Tgt Ion:276 Resp: 337394

Ion Ratio Lower Upper

276 100

138 28.8 16.2 24.2#

277 24.7 18.7 28.1

