

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
 Data File : BM037924.D
 Acq On : 09 Dec 2022 19:35
 Operator : CG/JU
 Sample : N5896-03DL 20X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBXL9DL

Quant Time: Dec 09 21:50:26 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 09 21:34:57 2022
 Response via : Initial Calibration

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

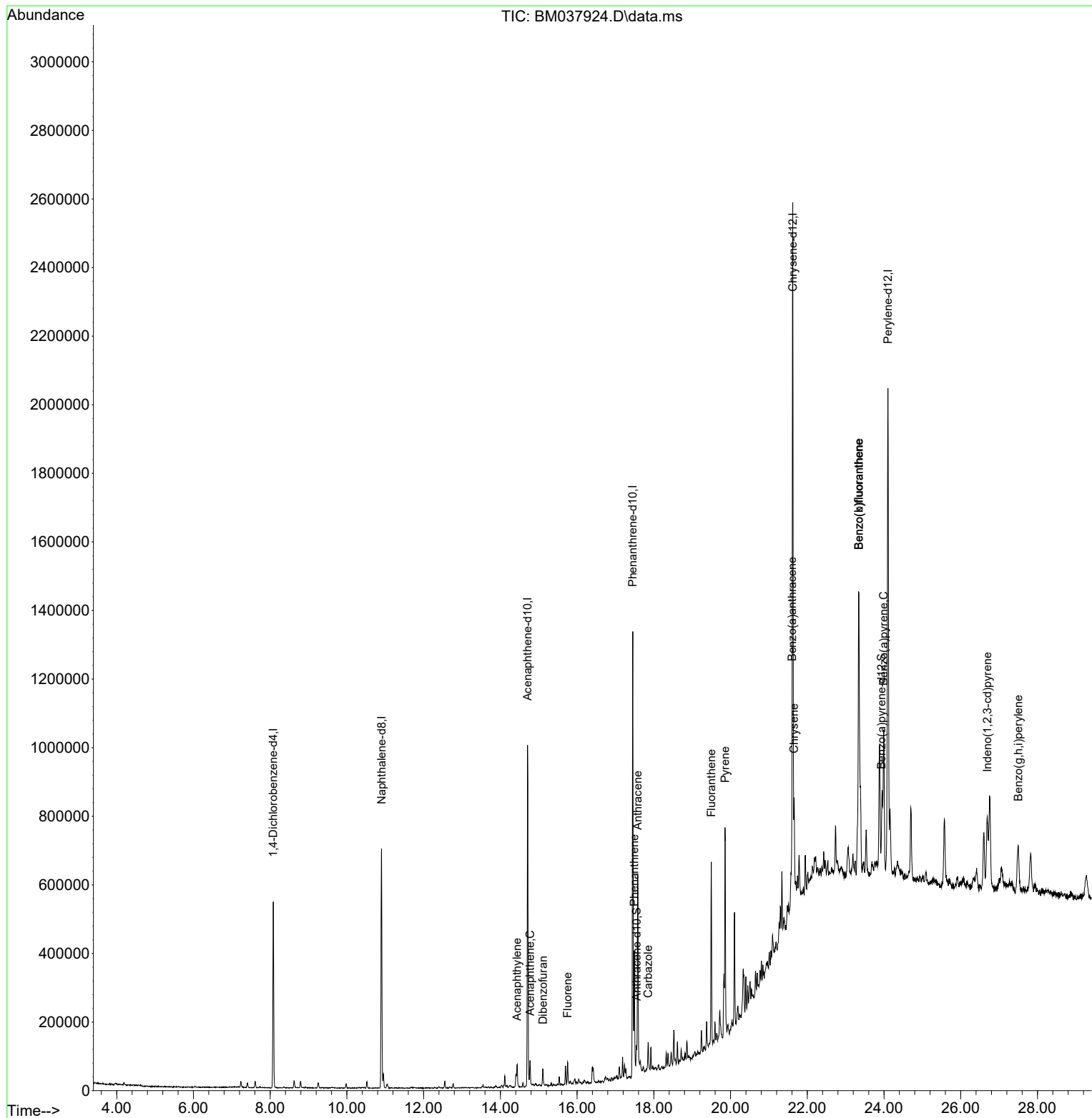
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	144267	20.000	ng/ul	0.00
20) Naphthalene-d8	10.904	136	583383	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.710	164	346694	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.451	188	813551	20.000	ng/ul	0.00
79) Chrysene-d12	21.621	240	963733	20.000	ng/ul	0.00
88) Perylene-d12	24.103	264	1090396	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.416	96	442	0.139	ng/uL	0.00
4) Pyridine-d5	3.857	84	340	0.036	ng/ul	0.00
7) Phenol-d5	7.240	99	9129	0.779	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.404	67	5961	0.835	ng/ul	0.00
11) 2-Chlorophenol-d4	7.610	132	8363	0.870	ng/ul	0.00
15) 4-Methylphenol-d8	8.787	113	7433	0.812	ng/ul	0.00
21) Nitrobenzene-d5	9.257	128	3964	0.858	ng/ul	0.00
24) 2-Nitrophenol-d4	9.981	143	3445	0.712	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.522	165	6525	0.710	ng/ul	0.00
31) 4-Chloroaniline-d4	11.045	131	6794	0.535	ng/ul	0.00
46) Dimethylphthalate-d6	14.116	166	21926	0.887	ng/ul	0.00
49) Acenaphthylene-d8	14.404	160	26908	0.891	ng/ul	0.00
54) 4-Nitrophenol-d4	14.916	143	1764	0.419	ng/ul	0.01
60) Fluorene-d10	15.698	176	21078	0.957	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.821	200	1764	0.406	ng/ul	0.00
73) Anthracene-d10	17.551	188	41686	1.098	ng/ul	0.00
81) Pyrene-d10	19.827	212	52537	0.908	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.939	264	55844	1.025	ng/ul	0.00
Target Compounds						Qvalue
50) Acenaphthylene	14.433	152	50843	1.531	ng/ul	99
52) Acenaphthene	14.774	153	27343	1.190	ng/ul	99
56) Dibenzofuran	15.110	168	33126	1.056	ng/ul	95
61) Fluorene	15.751	166	29313	1.146	ng/ul	97
72) Phenanthrene	17.492	178	196001	4.412	ng/ul	99
74) Anthracene	17.580	178	364137	8.065	ng/ul	98
77) Carbazole	17.851	167	52102	1.332	ng/ul	97
80) Fluoranthene	19.498	202	312335	4.571	ng/ul	96
82) Pyrene	19.856	202	373732	5.256	ng/ul	99
85) Benzo(a)anthracene	21.603	228	129505	1.996	ng/ul	96
87) Chrysene	21.656	228	131794	2.165	ng/ul	97
90) Benzo(b)fluoranthene	23.344	252	752464	11.131	ng/ul	99
91) Benzo(k)fluoranthene	23.344	252	752464	11.485	ng/ul	98
93) Benzo(a)pyrene	23.991	252	316332	5.321	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.691	276	237356	3.100	ng/ul#	94
96) Benzo(g,h,i)perylene	27.497	276	175164	2.866	ng/ul	94

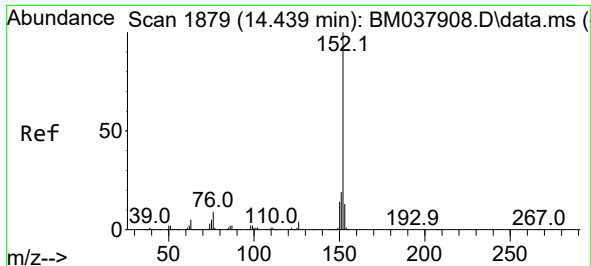
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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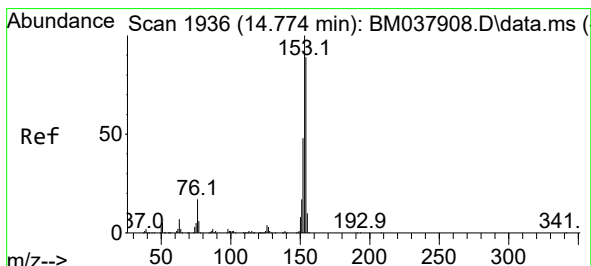
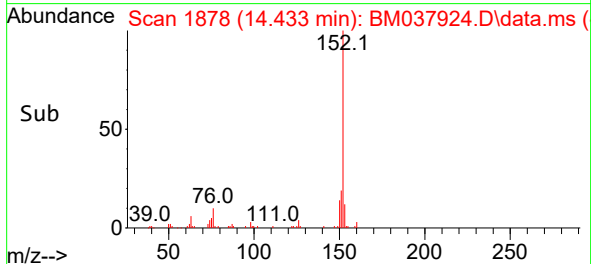
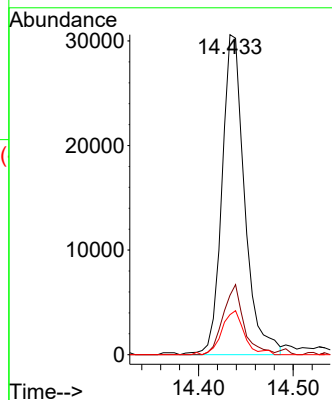
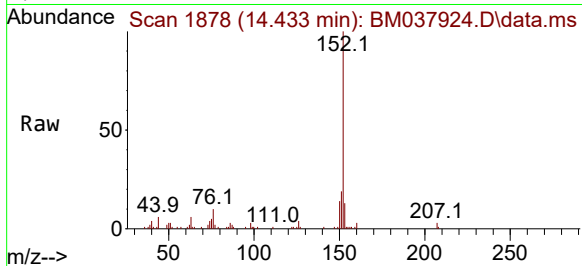




#50
Acenaphthylene
Concen: 1.531 ng/ul
RT: 14.433 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM037924.D
Acq: 09 Dec 2022 19:35

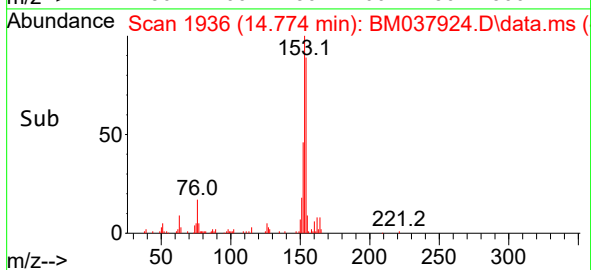
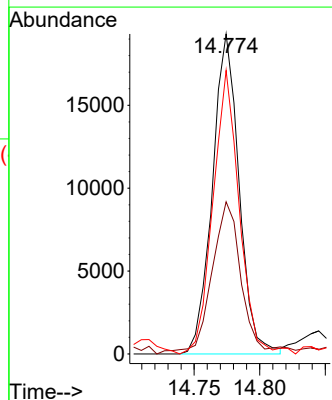
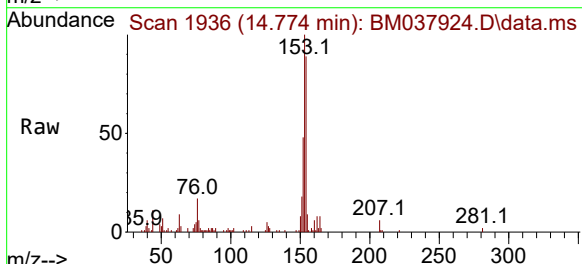
Instrument :
BNA_M
ClientSampleId :
DBXL9DL

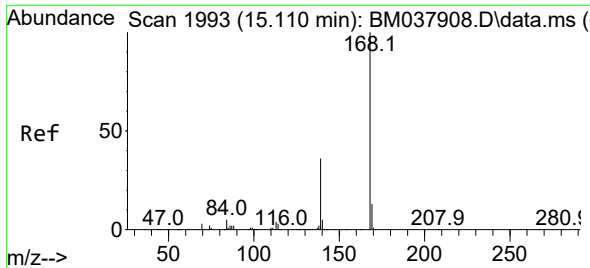
Tgt Ion:152 Resp: 50843
Ion Ratio Lower Upper
152 100
151 18.6 15.3 22.9
153 12.5 10.2 15.4



#52
Acenaphthene
Concen: 1.190 ng/ul
RT: 14.774 min Scan# 1936
Delta R.T. -0.000 min
Lab File: BM037924.D
Acq: 09 Dec 2022 19:35

Tgt Ion:153 Resp: 27343
Ion Ratio Lower Upper
153 100
152 47.5 38.2 57.4
154 88.6 71.4 107.0

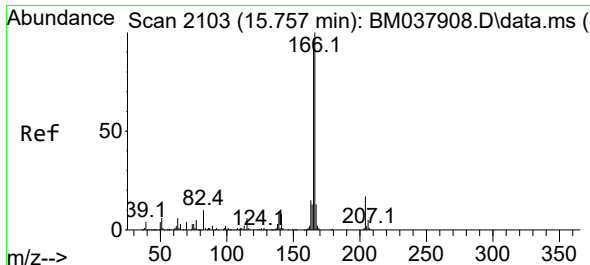
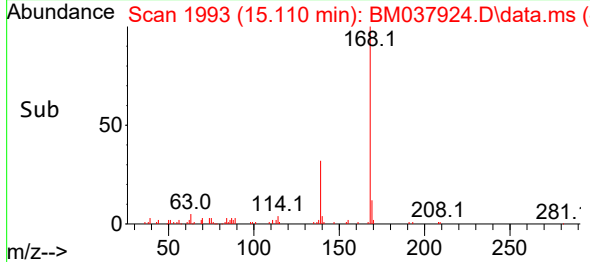
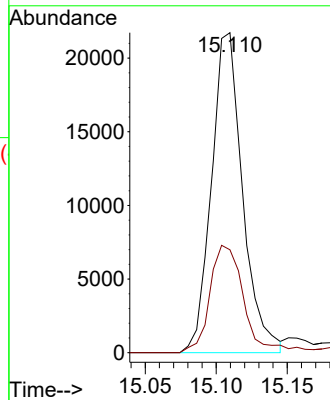
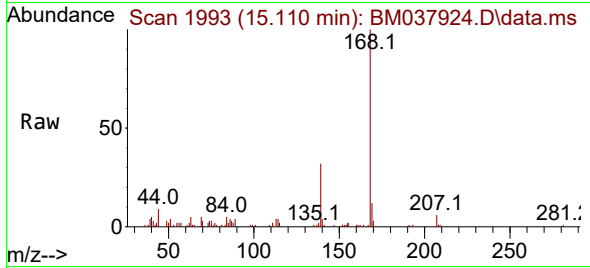




#56
Dibenzenofuran
Concen: 1.056 ng/ul
RT: 15.110 min Scan# 1993
Delta R.T. -0.000 min
Lab File: BM037924.D
Acq: 09 Dec 2022 19:35

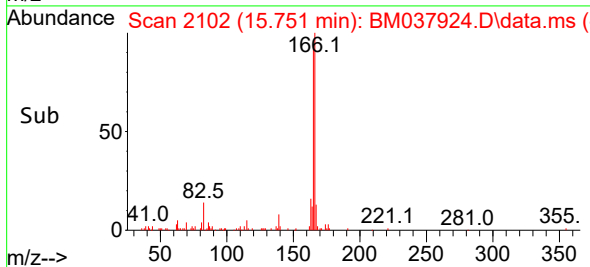
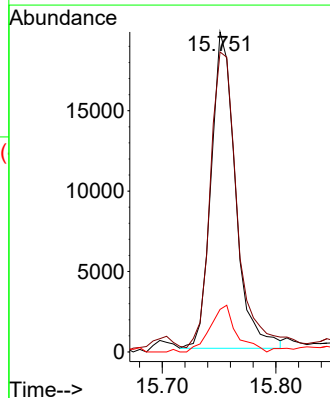
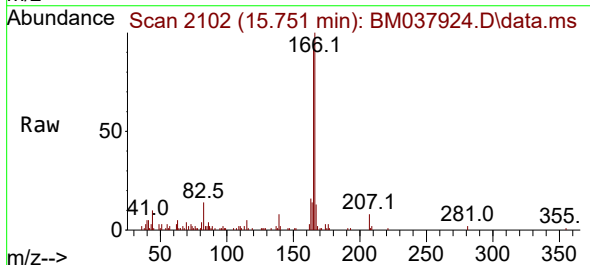
Instrument :
BNA_M
ClientSampleId :
DBXL9DL

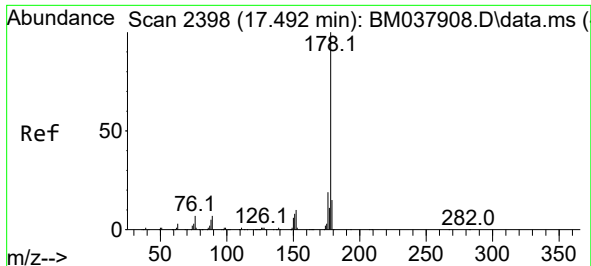
Tgt Ion:168 Resp: 33126
Ion Ratio Lower Upper
168 100
139 32.1 28.1 42.1



#61
Fluorene
Concen: 1.146 ng/ul
RT: 15.751 min Scan# 2102
Delta R.T. -0.006 min
Lab File: BM037924.D
Acq: 09 Dec 2022 19:35

Tgt Ion:166 Resp: 29313
Ion Ratio Lower Upper
166 100
165 93.8 77.2 115.8
167 13.3 10.4 15.6

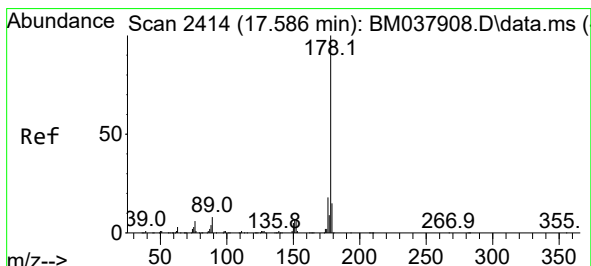
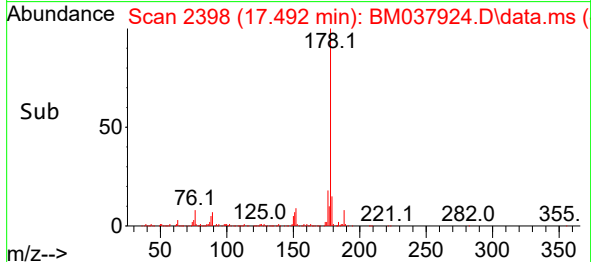
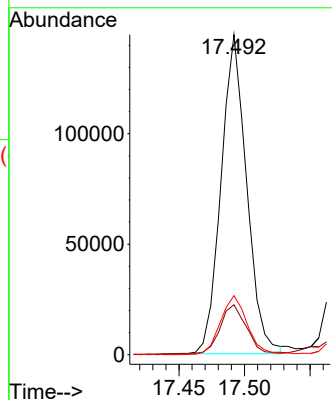
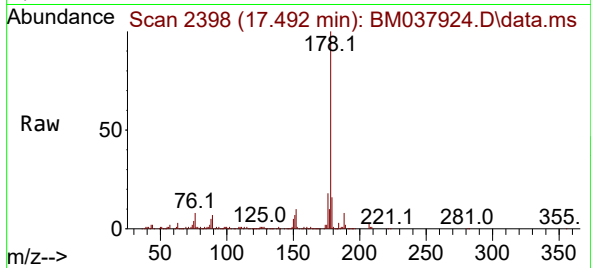




#72
Phenanthrene
Concen: 4.412 ng/ul
RT: 17.492 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM037924.D
Acq: 09 Dec 2022 19:35

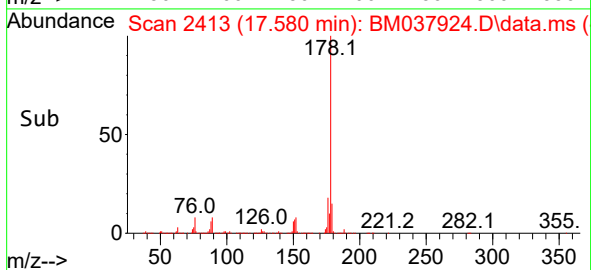
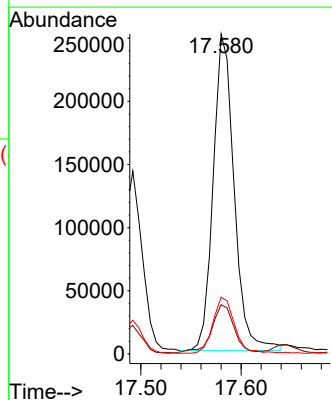
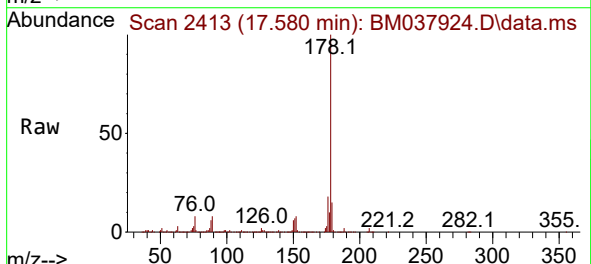
Instrument :
BNA_M
ClientSampleId :
DBXL9DL

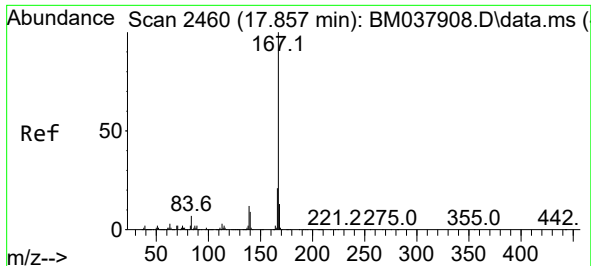
Tgt Ion:178 Resp: 196001
Ion Ratio Lower Upper
178 100
179 15.6 12.2 18.2
176 18.5 15.4 23.0



#74
Anthracene
Concen: 8.065 ng/ul
RT: 17.580 min Scan# 2413
Delta R.T. -0.006 min
Lab File: BM037924.D
Acq: 09 Dec 2022 19:35

Tgt Ion:178 Resp: 364137
Ion Ratio Lower Upper
178 100
179 15.4 11.8 17.8
176 17.8 15.0 22.6

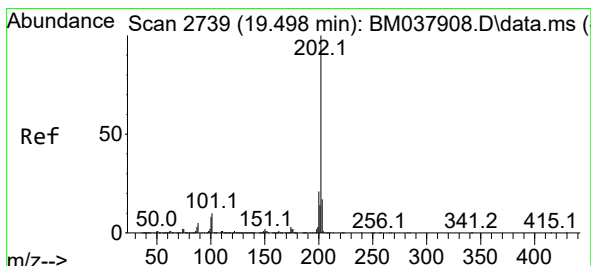
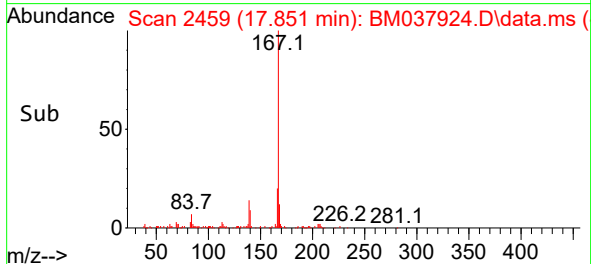
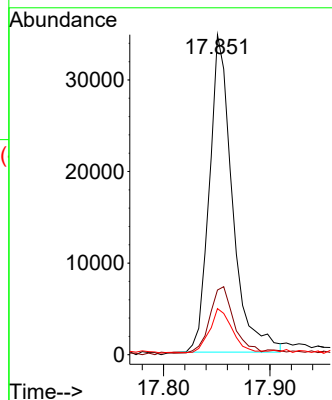
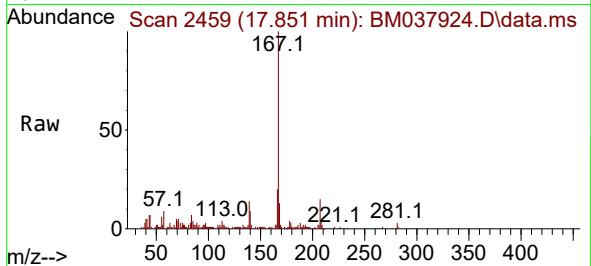




#77
 Carbazole
 Concen: 1.332 ng/ul
 RT: 17.851 min Scan# 2460
 Delta R.T. -0.006 min
 Lab File: BM037924.D
 Acq: 09 Dec 2022 19:35

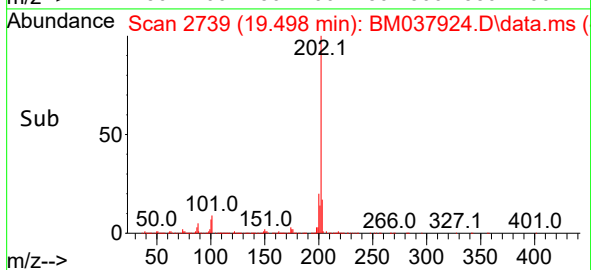
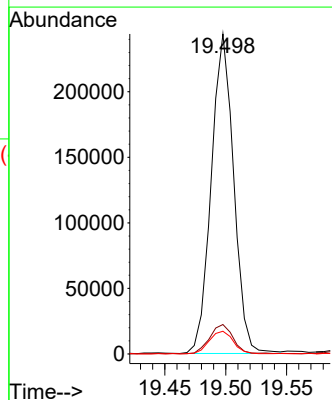
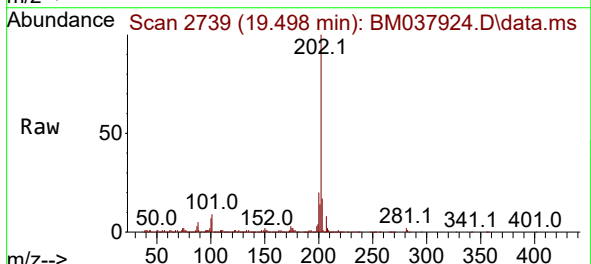
Instrument :
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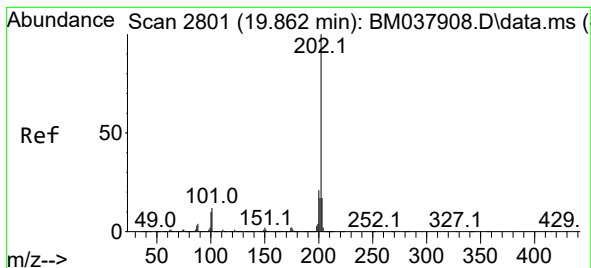
Tgt Ion:167 Resp: 52102
 Ion Ratio Lower Upper
 167 100
 166 20.2 16.7 25.1
 139 14.4 9.8 14.6



#80
 Fluoranthene
 Concen: 4.571 ng/ul
 RT: 19.498 min Scan# 2739
 Delta R.T. -0.000 min
 Lab File: BM037924.D
 Acq: 09 Dec 2022 19:35

Tgt Ion:202 Resp: 312335
 Ion Ratio Lower Upper
 202 100
 101 9.2 8.6 13.0
 100 7.1 6.6 10.0





#82

Pyrene

Concen: 5.256 ng/ul

RT: 19.856 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM037924.D

Acq: 09 Dec 2022 19:35

Instrument :

BNA_M

ClientSampleId :

DBXL9DL

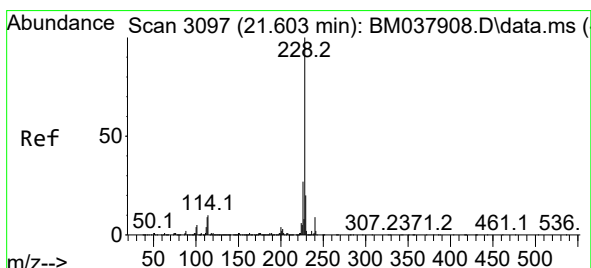
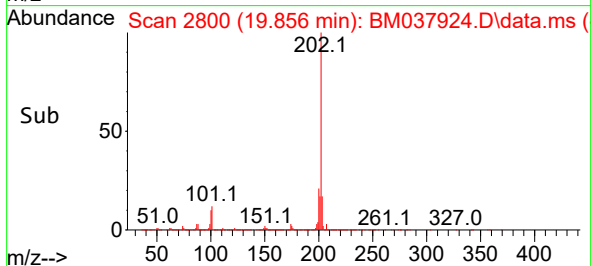
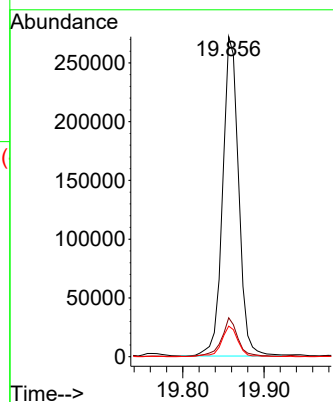
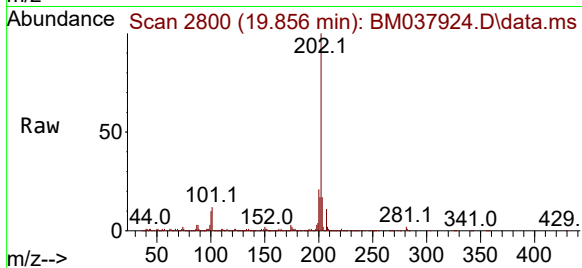
Tgt Ion:202 Resp: 373732

Ion Ratio Lower Upper

202 100

101 12.1 10.0 15.0

100 9.6 7.9 11.9



#85

Benzo(a)anthracene

Concen: 1.996 ng/ul

RT: 21.603 min Scan# 3097

Delta R.T. -0.000 min

Lab File: BM037924.D

Acq: 09 Dec 2022 19:35

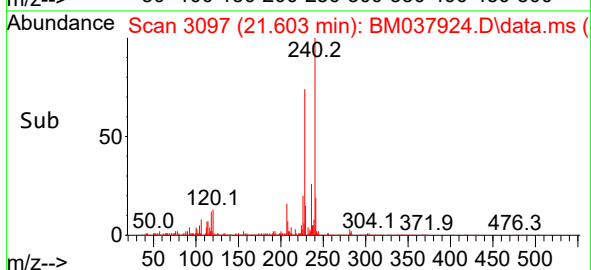
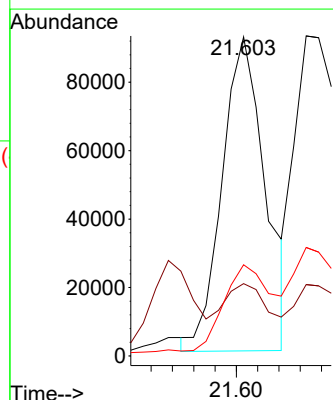
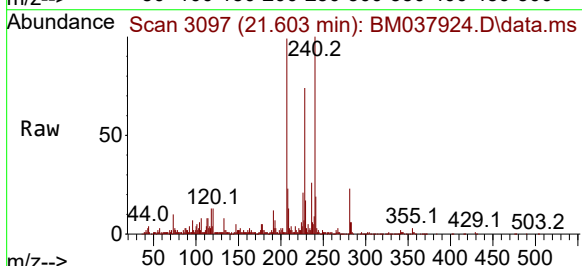
Tgt Ion:228 Resp: 129505

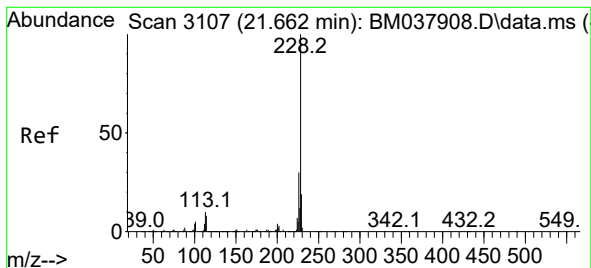
Ion Ratio Lower Upper

228 100

229 22.6 15.5 23.3

226 28.6 21.8 32.8





#87

Chrysene

Concen: 2.165 ng/ul

RT: 21.656 min Scan# 3106

Delta R.T. -0.006 min

Lab File: BM037924.D

Acq: 09 Dec 2022 19:35

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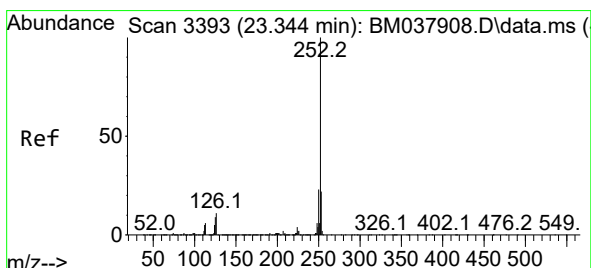
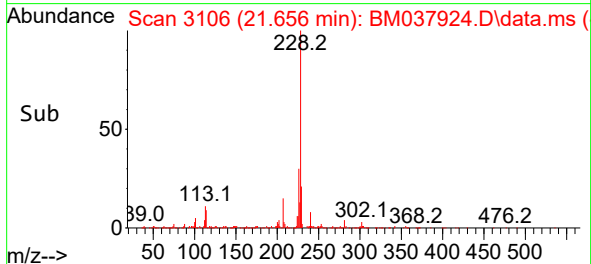
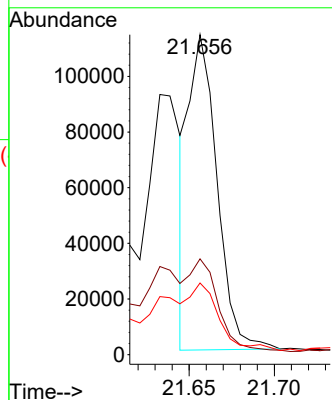
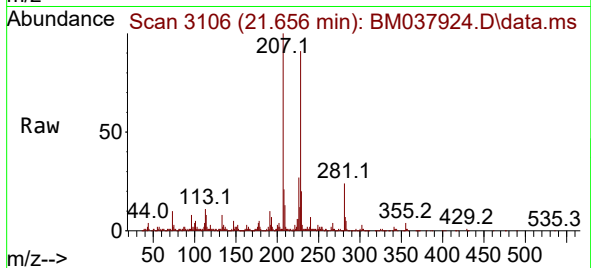
Tgt Ion:228 Resp: 131794

Ion Ratio Lower Upper

228 100

226 29.9 24.3 36.5

229 22.4 15.6 23.4



#90

Benzo(b)fluoranthene

Concen: 11.131 ng/ul

RT: 23.344 min Scan# 3393

Delta R.T. -0.000 min

Lab File: BM037924.D

Acq: 09 Dec 2022 19:35

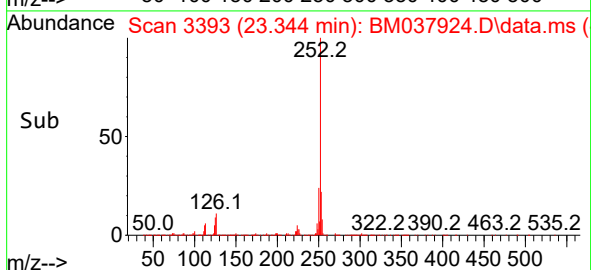
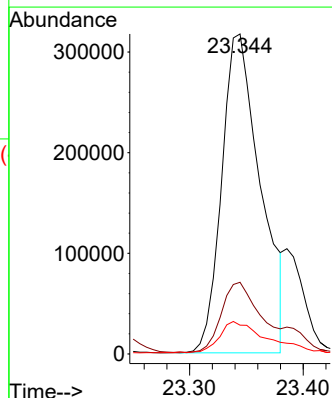
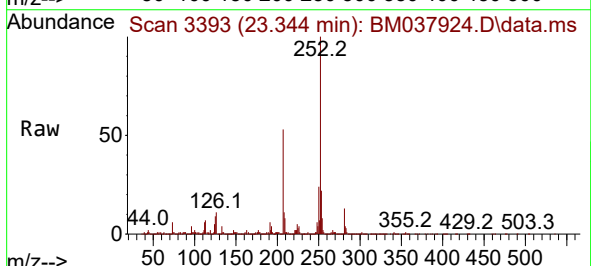
Tgt Ion:252 Resp: 752464

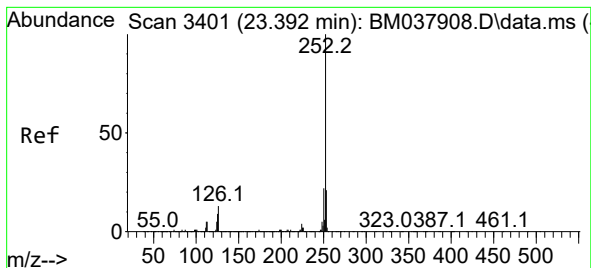
Ion Ratio Lower Upper

252 100

253 22.4 17.6 26.4

125 9.0 8.0 12.0





#91

Benzo(k)fluoranthene

Concen: 11.485 ng/ul

RT: 23.344 min Scan# 31

Delta R.T. -0.047 min

Lab File: BM037924.D

Acq: 09 Dec 2022 19:35

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BNA_M

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DBXL9DL

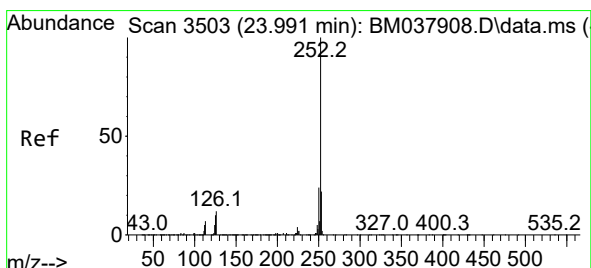
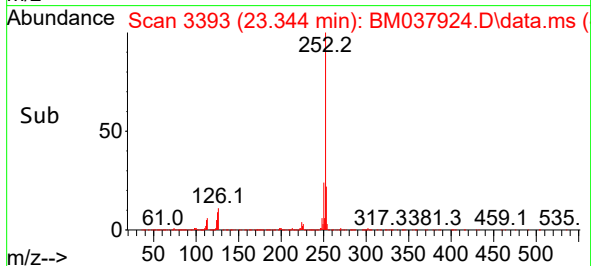
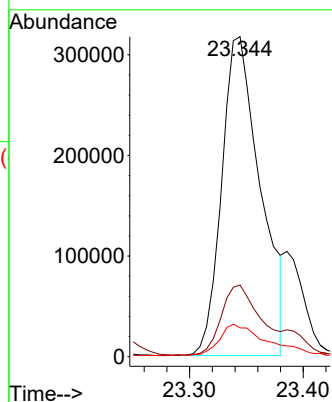
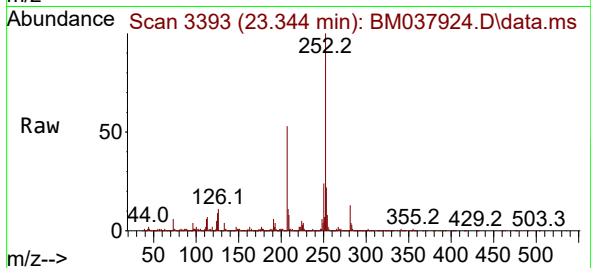
Tgt Ion:252 Resp: 752464

Ion Ratio Lower Upper

252 100

253 22.4 17.4 26.2

125 9.0 8.1 12.1



#93

Benzo(a)pyrene

Concen: 5.321 ng/ul

RT: 23.991 min Scan# 3503

Delta R.T. -0.000 min

Lab File: BM037924.D

Acq: 09 Dec 2022 19:35

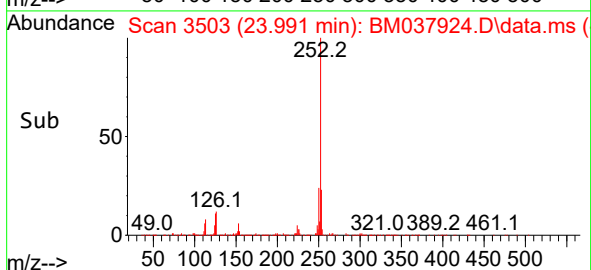
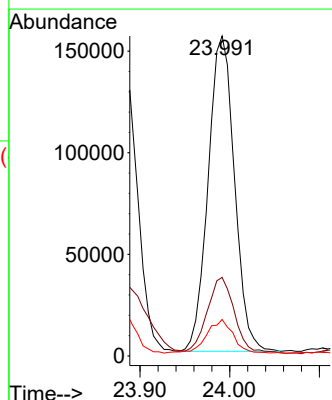
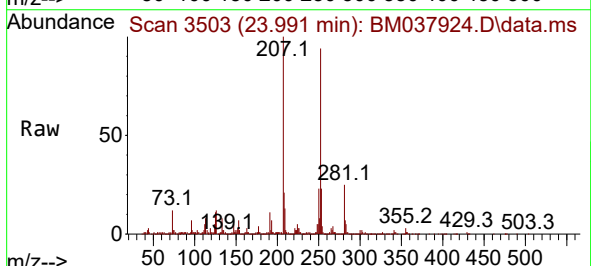
Tgt Ion:252 Resp: 316332

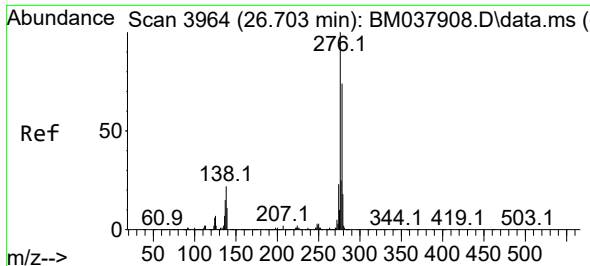
Ion Ratio Lower Upper

252 100

253 24.5 17.4 26.0

125 11.4 9.4 14.0

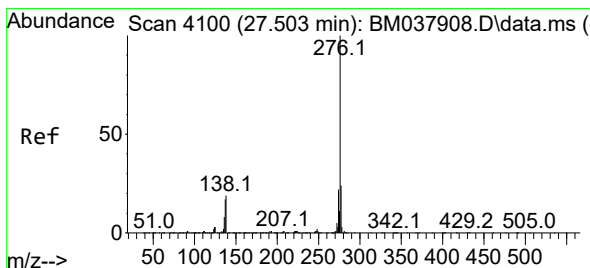
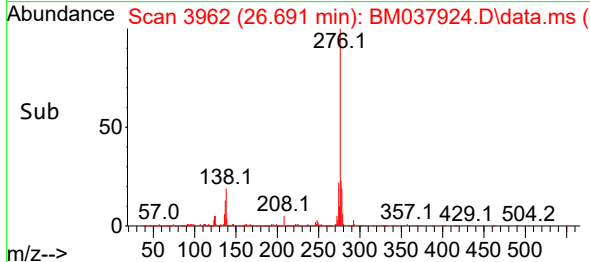
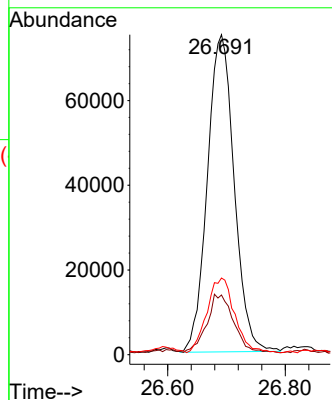
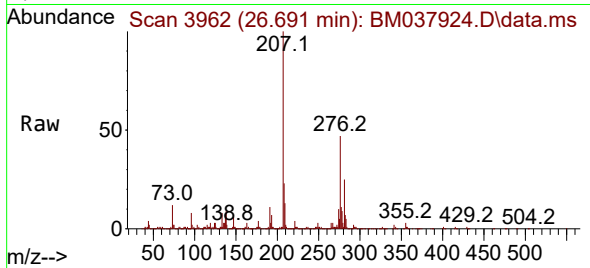




#94
Indeno(1,2,3-cd)pyrene
Concen: 3.100 ng/ul
RT: 26.691 min Scan# 3962
Delta R.T. -0.012 min
Lab File: BM037924.D
Acq: 09 Dec 2022 19:35

Instrument :
BNA_M
ClientSampleId :
DBXL9DL

Tgt Ion:276 Resp: 237356
Ion Ratio Lower Upper
276 100
138 18.6 19.3 28.9#
277 24.0 19.8 29.8



#96
Benzo(g,h,i)perylene
Concen: 2.866 ng/ul
RT: 27.497 min Scan# 4099
Delta R.T. -0.006 min
Lab File: BM037924.D
Acq: 09 Dec 2022 19:35

Tgt Ion:276 Resp: 175164
Ion Ratio Lower Upper
276 100
138 18.5 17.1 25.7
277 25.4 18.2 27.4

