

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121022\
 Data File : BM037934.D
 Acq On : 10 Dec 2022 14:33
 Operator : CG/JU
 Sample : N5832-20MEDL 10X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBXL5MEDL

Quant Time: Dec 11 21:26:52 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)

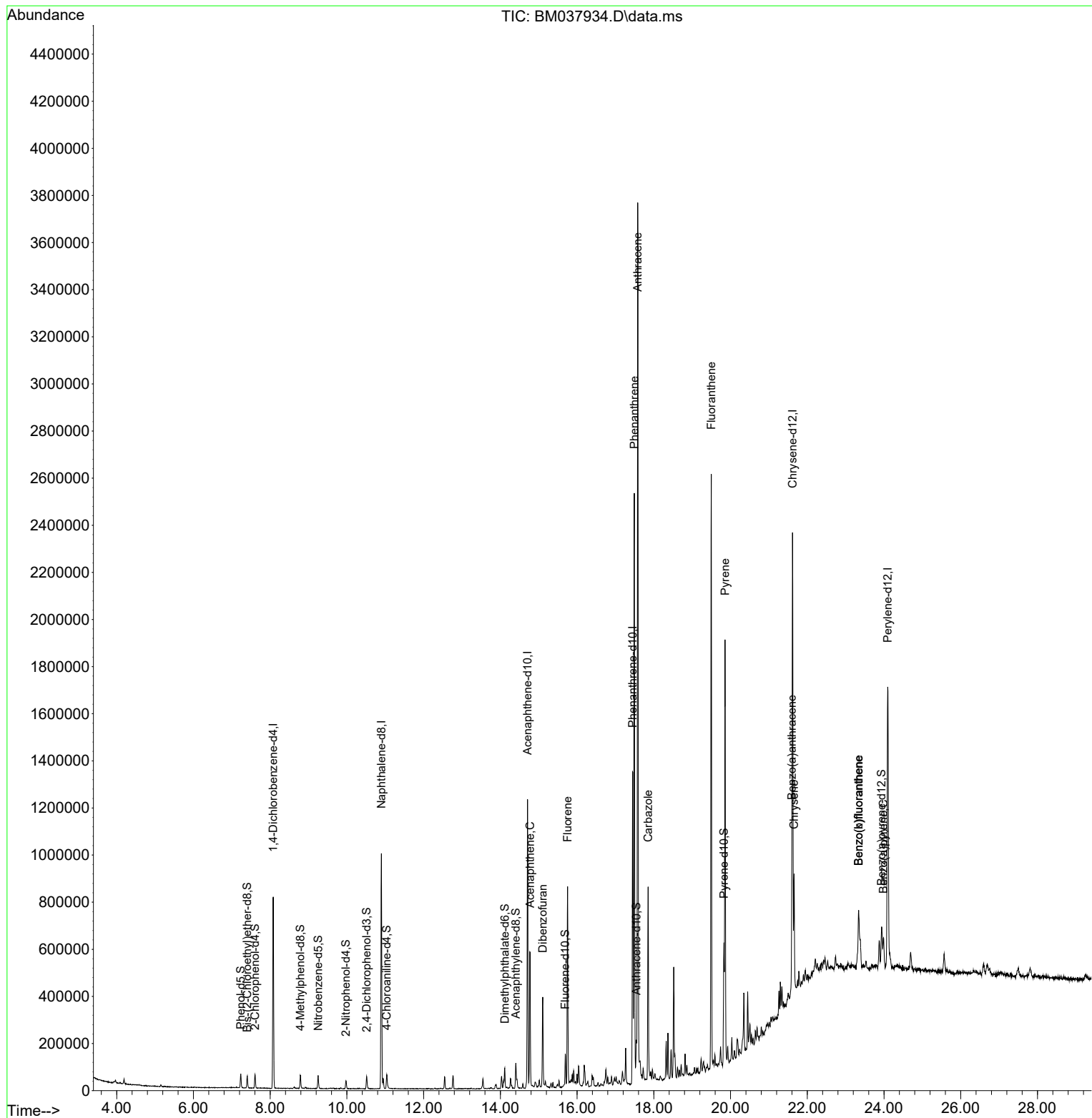
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	222720	20.000	ng/ul	0.00
20) Naphthalene-d8	10.898	136	814148	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.710	164	420707	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.451	188	853878	20.000	ng/ul	0.00
79) Chrysene-d12	21.615	240	910381	20.000	ng/ul	0.00
88) Perylene-d12	24.097	264	1008466	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.422	96	1876	0.382	ng/uL	0.00
4) Pyridine-d5	3.858	84	224	0.015	ng/ul	0.00
7) Phenol-d5	7.234	99	30464	1.683	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.399	67	22509	2.042	ng/ul	0.00
11) 2-Chlorophenol-d4	7.604	132	27655	1.863	ng/ul	0.00
15) 4-Methylphenol-d8	8.787	113	21026	1.488	ng/ul	0.00
21) Nitrobenzene-d5	9.251	128	12360	1.917	ng/ul	0.00
24) 2-Nitrophenol-d4	9.975	143	11127	1.647	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.516	165	20891	1.628	ng/ul	0.00
31) 4-Chloroaniline-d4	11.040	131	32089	1.812	ng/ul	0.00
46) Dimethylphthalate-d6	14.116	166	58905	1.964	ng/ul	0.00
49) Acenaphthylene-d8	14.404	160	69956	1.908	ng/ul	0.00
54) 4-Nitrophenol-d4	14.910	143	3240	0.634	ng/ul	0.00
60) Fluorene-d10	15.692	176	54822	2.052	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.816	200	2973	0.651	ng/ul	0.00
73) Anthracene-d10	17.545	188	94543	2.372	ng/ul	0.00
81) Pyrene-d10	19.827	212	108898	1.991	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.933	264	109243	2.169	ng/ul	-0.01
Target Compounds						Qvalue
52) Acenaphthene	14.775	153	239073	8.575	ng/ul	98
56) Dibenzofuran	15.104	168	243214	6.390	ng/ul	99
61) Fluorene	15.751	166	381529	12.291	ng/ul	99
72) Phenanthrene	17.492	178	1495754	32.077	ng/ul	99
74) Anthracene	17.580	178	2388517	50.403	ng/ul	99
77) Carbazole	17.851	167	535947	13.054	ng/ul	99
80) Fluoranthene	19.498	202	1493811	23.145	ng/ul	97
82) Pyrene	19.857	202	1080552	16.087	ng/ul	99
85) Benzo(a)anthracene	21.598	228	264752	4.320	ng/ul	99
87) Chrysene	21.656	228	308250	5.360	ng/ul	98
90) Benzo(b)fluoranthene	23.339	252	240159	3.841	ng/ul	98
91) Benzo(k)fluoranthene	23.339	252	240159	3.964	ng/ul	98
93) Benzo(a)pyrene	23.986	252	102286	1.860	ng/ul	99

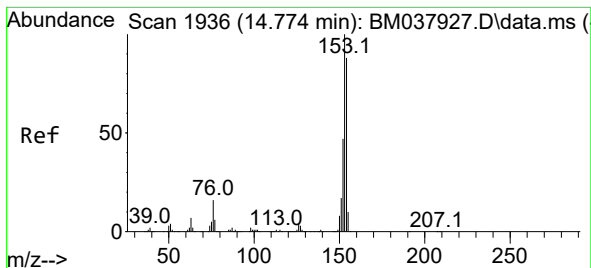
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#52

Acenaphthene

Concen: 8.575 ng/ul

RT: 14.775 min Scan# 1936

Delta R.T. 0.000 min

Lab File: BM037934.D

Acq: 10 Dec 2022 14:33

Instrument :

BNA_M

ClientSampleId :

DBXL5MEDL

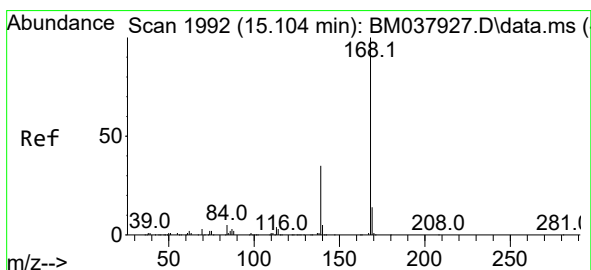
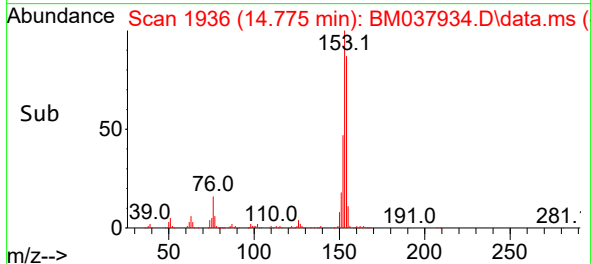
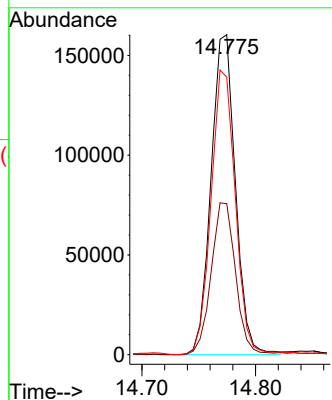
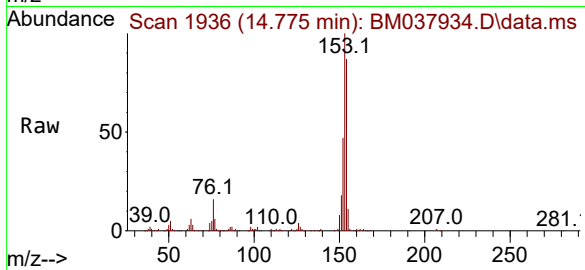
Tgt Ion:153 Resp: 239073

Ion Ratio Lower Upper

153 100

152 47.2 38.2 57.4

154 86.8 71.4 107.0



#56

Dibenzofuran

Concen: 6.390 ng/ul

RT: 15.104 min Scan# 1992

Delta R.T. -0.006 min

Lab File: BM037934.D

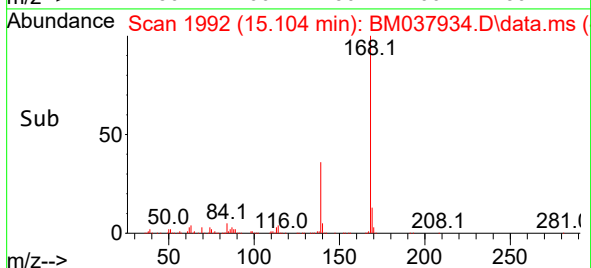
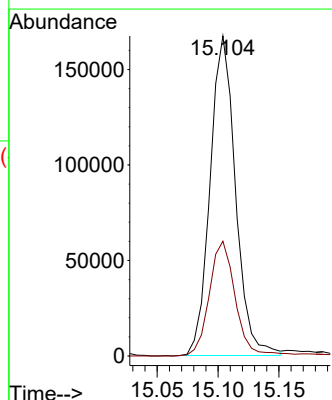
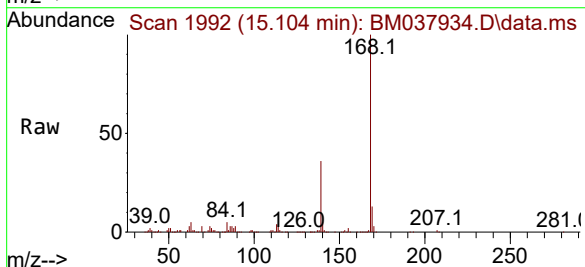
Acq: 10 Dec 2022 14:33

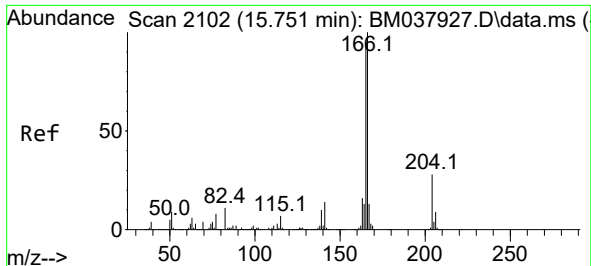
Tgt Ion:168 Resp: 243214

Ion Ratio Lower Upper

168 100

139 35.8 28.1 42.1

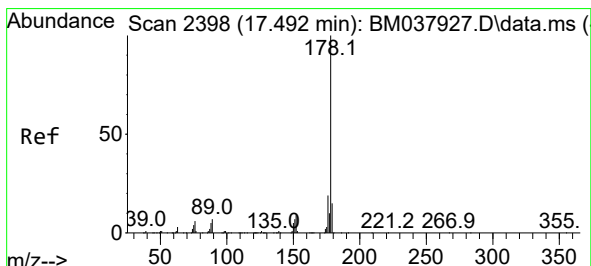
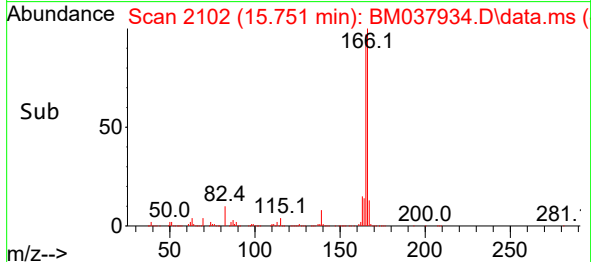
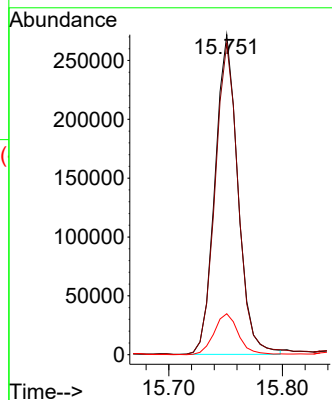
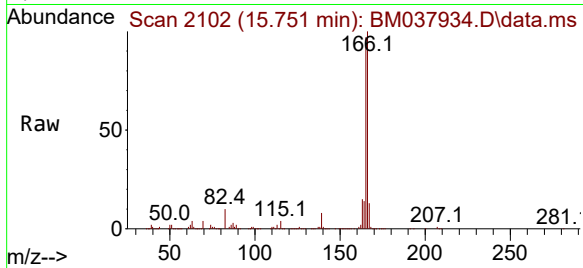




#61
Fluorene
Concen: 12.291 ng/ul
RT: 15.751 min Scan# 2102
Delta R.T. -0.006 min
Lab File: BM037934.D
Acq: 10 Dec 2022 14:33

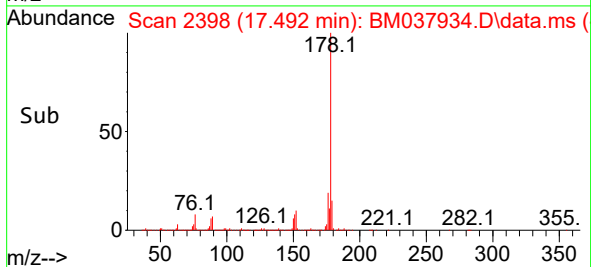
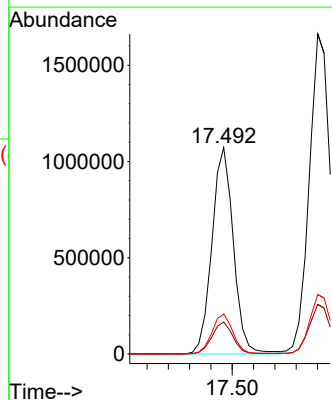
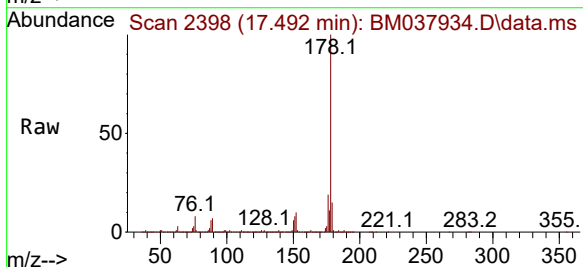
Instrument :
BNA_M
ClientSampleId :
DBXL5MEDL

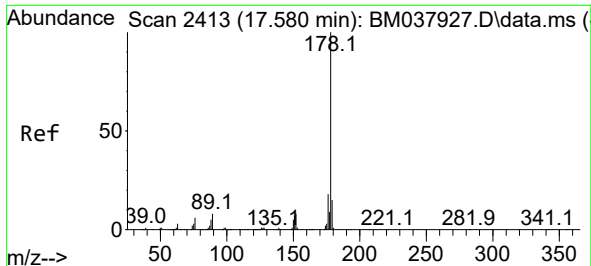
Tgt Ion:166 Resp: 381529
Ion Ratio Lower Upper
166 100
165 97.4 77.2 115.8
167 12.8 10.4 15.6



#72
Phenanthrene
Concen: 32.077 ng/ul
RT: 17.492 min Scan# 2398
Delta R.T. 0.000 min
Lab File: BM037934.D
Acq: 10 Dec 2022 14:33

Tgt Ion:178 Resp: 1495754
Ion Ratio Lower Upper
178 100
179 15.5 12.2 18.2
176 19.4 15.4 23.0

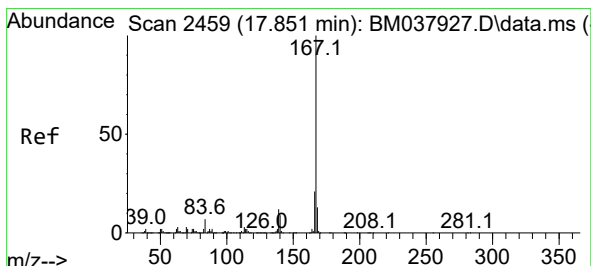
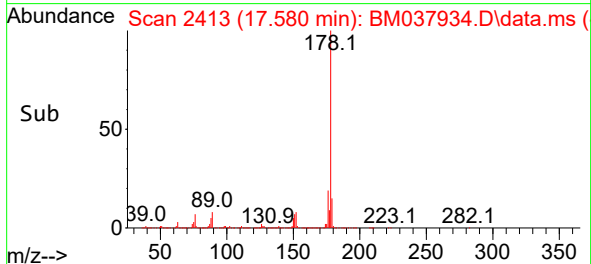
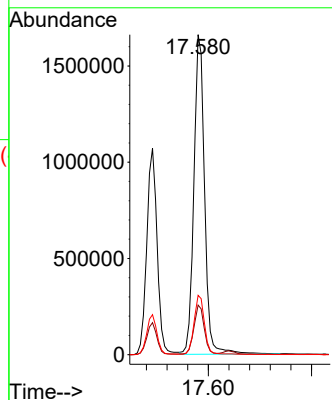
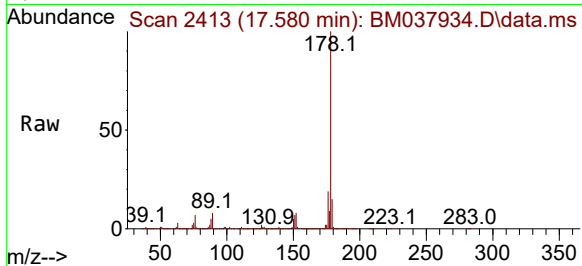




#74
 Anthracene
 Concen: 50.403 ng/ul
 RT: 17.580 min Scan# 2413
 Delta R.T. -0.006 min
 Lab File: BM037934.D
 Acq: 10 Dec 2022 14:33

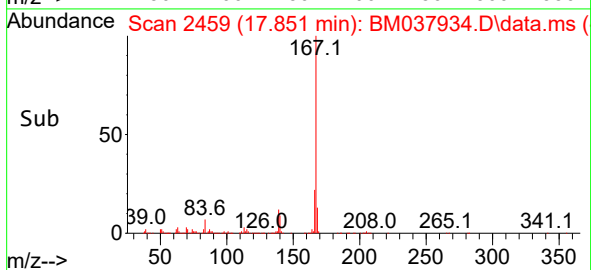
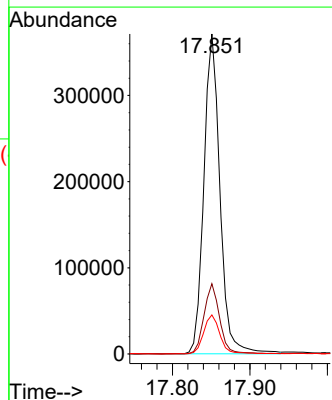
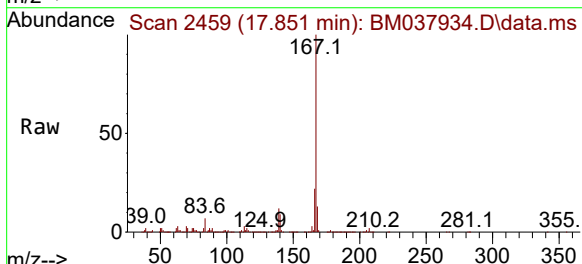
Instrument :
 BNA_M
 ClientSampleId :
 DBXL5MEDL

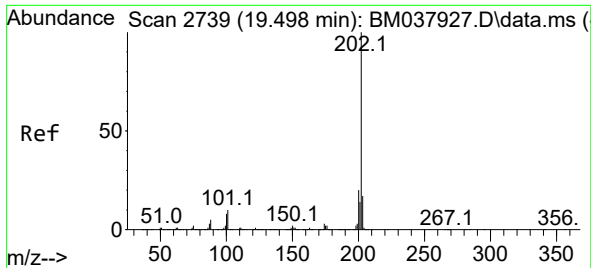
Tgt Ion:178 Resp: 2388517
 Ion Ratio Lower Upper
 178 100
 179 15.5 11.8 17.8
 176 18.5 15.0 22.6



#77
 Carbazole
 Concen: 13.054 ng/ul
 RT: 17.851 min Scan# 2459
 Delta R.T. -0.006 min
 Lab File: BM037934.D
 Acq: 10 Dec 2022 14:33

Tgt Ion:167 Resp: 535947
 Ion Ratio Lower Upper
 167 100
 166 21.9 16.7 25.1
 139 12.2 9.8 14.6

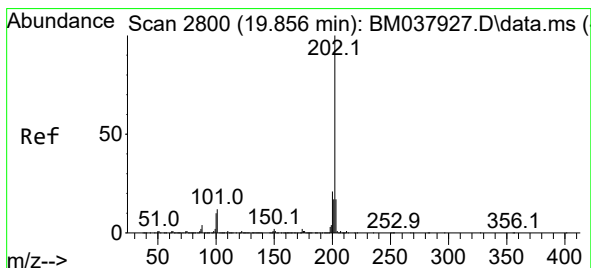
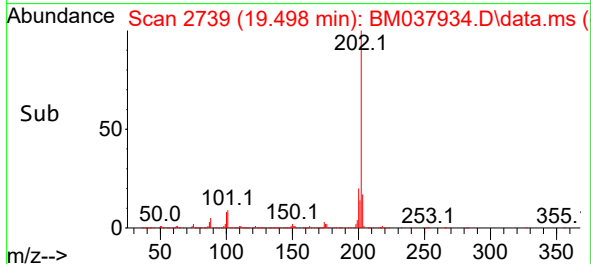
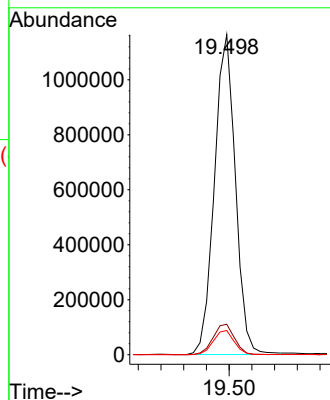
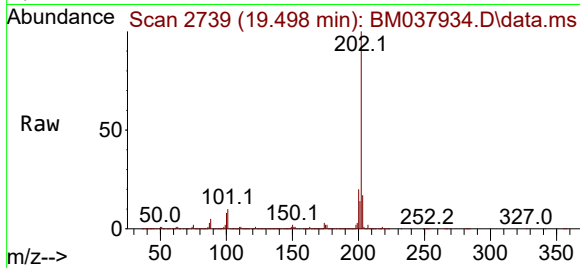




#80
Fluoranthene
Concen: 23.145 ng/ul
RT: 19.498 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM037934.D
Acq: 10 Dec 2022 14:33

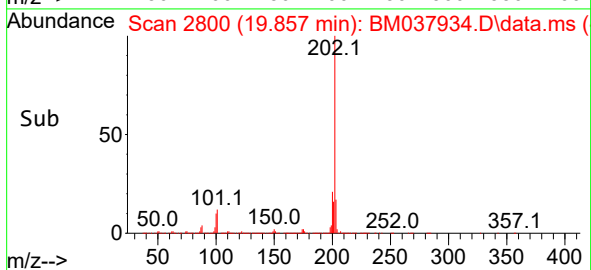
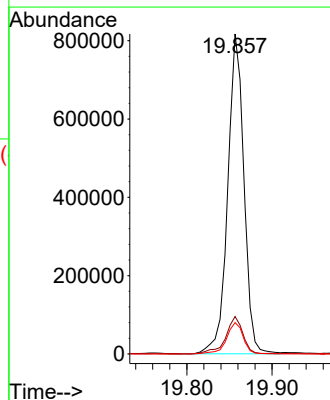
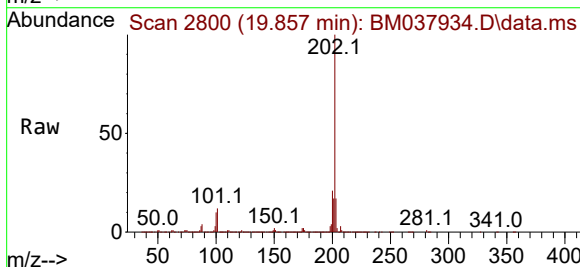
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BNA_M
ClientSampleId :
DBXL5MEDL

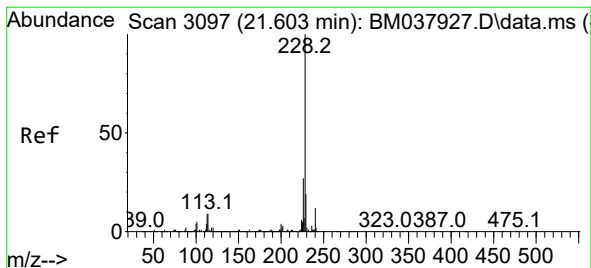
Tgt Ion:202 Resp: 1493811
Ion Ratio Lower Upper
202 100
101 9.5 8.6 13.0
100 7.6 6.6 10.0



#82
Pyrene
Concen: 16.087 ng/ul
RT: 19.857 min Scan# 2800
Delta R.T. -0.006 min
Lab File: BM037934.D
Acq: 10 Dec 2022 14:33

Tgt Ion:202 Resp: 1080552
Ion Ratio Lower Upper
202 100
101 11.7 10.0 15.0
100 9.8 7.9 11.9





#85

Benzo(a)anthracene

Concen: 4.320 ng/ul

RT: 21.598 min Scan# 3096

Delta R.T. -0.006 min

Lab File: BM037934.D

Acq: 10 Dec 2022 14:33

Instrument :

BNA_M

ClientSampleId :

DBXL5MEDL

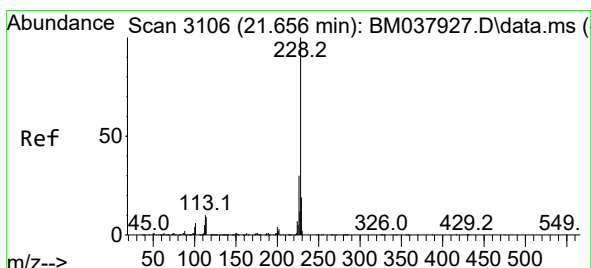
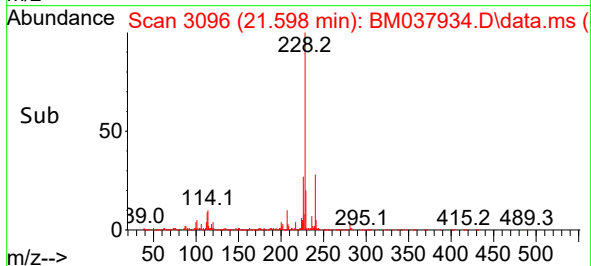
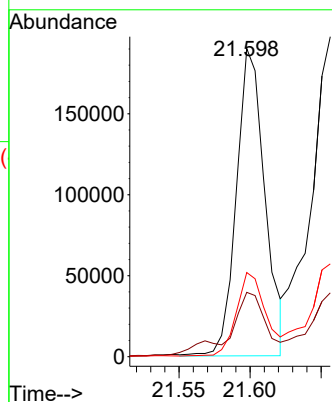
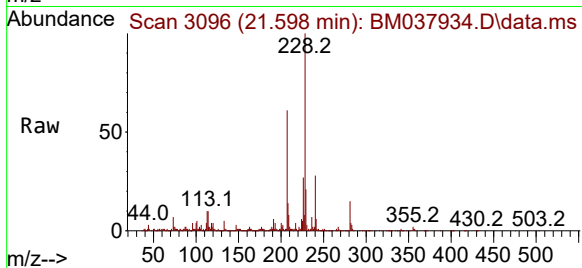
Tgt Ion:228 Resp: 264752

Ion Ratio Lower Upper

228 100

229 20.9 15.5 23.3

226 27.3 21.8 32.8



#87

Chrysene

Concen: 5.360 ng/ul

RT: 21.656 min Scan# 3106

Delta R.T. -0.006 min

Lab File: BM037934.D

Acq: 10 Dec 2022 14:33

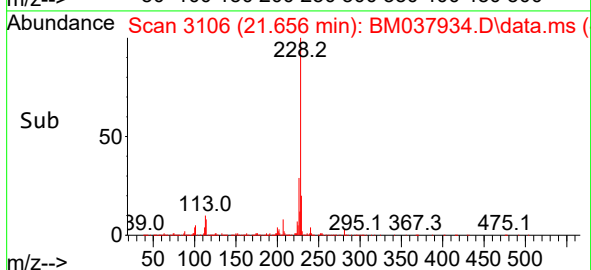
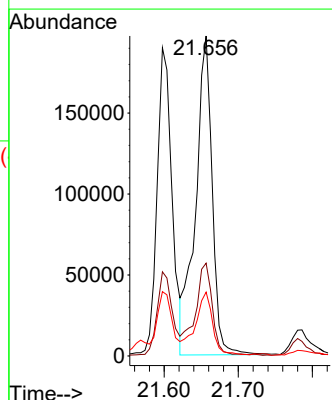
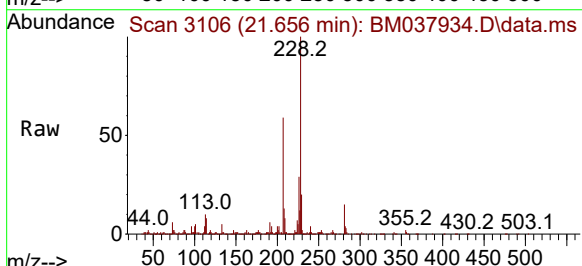
Tgt Ion:228 Resp: 308250

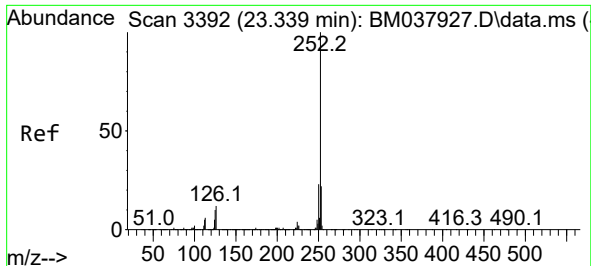
Ion Ratio Lower Upper

228 100

226 29.0 24.3 36.5

229 20.0 15.6 23.4

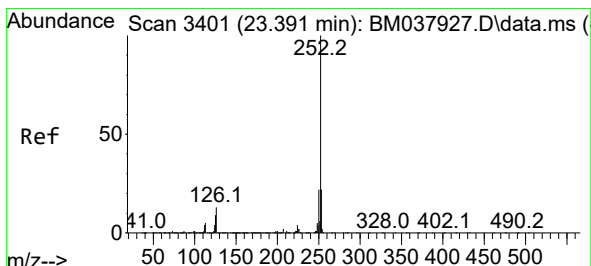
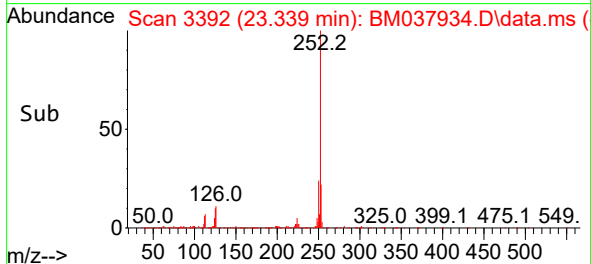
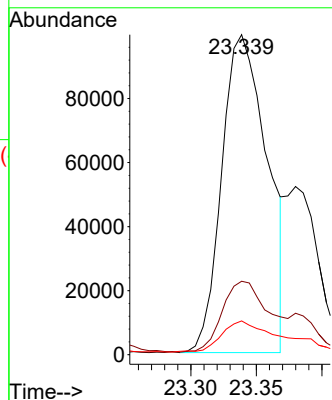
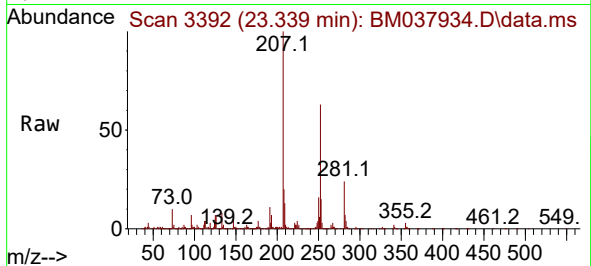




#90
Benzo(b)fluoranthene
Concen: 3.841 ng/ul
RT: 23.339 min Scan# 3392
Delta R.T. -0.006 min
Lab File: BM037934.D
Acq: 10 Dec 2022 14:33

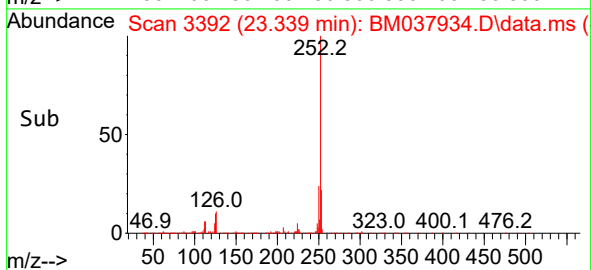
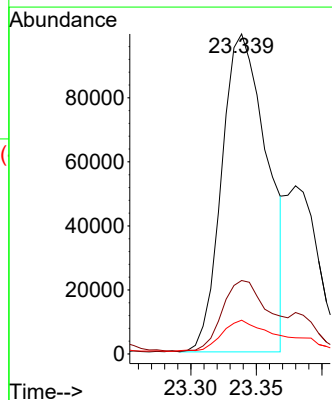
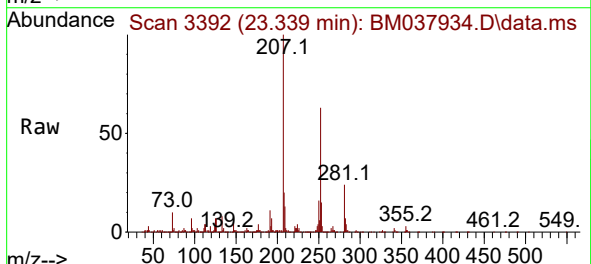
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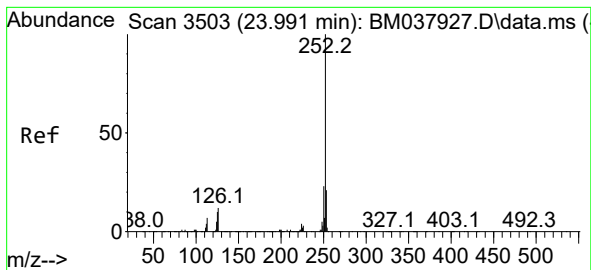
Tgt Ion:252 Resp: 240159
Ion Ratio Lower Upper
252 100
253 23.0 17.6 26.4
125 10.6 8.0 12.0



#91
Benzo(k)fluoranthene
Concen: 3.964 ng/ul
RT: 23.339 min Scan# 3392
Delta R.T. -0.053 min
Lab File: BM037934.D
Acq: 10 Dec 2022 14:33

Tgt Ion:252 Resp: 240159
Ion Ratio Lower Upper
252 100
253 23.0 17.4 26.2
125 10.6 8.1 12.1





#93

Benzo(a)pyrene

Concen: 1.860 ng/ul

RT: 23.986 min Scan# 3

Delta R.T. -0.006 min

Lab File: BM037934.D

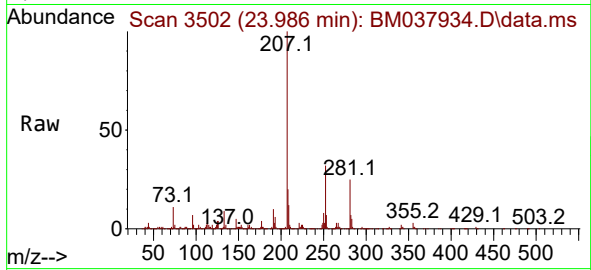
Acq: 10 Dec 2022 14:33

Instrument :

BNA_M

ClientSampleId :

DBXL5MEDL



Tgt Ion:252 Resp: 102286

Ion Ratio Lower Upper

252 100

253 22.4 17.4 26.0

125 11.7 9.4 14.0

