

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050624\
 Data File : BN031409.D
 Acq On : 06 May 2024 21:17
 Operator : MA/JU
 Sample : P2368-15
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A43L8

Quant Time: May 06 23:13:41 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN050324.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 03 14:17:04 2024
 Response via : Initial Calibration

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

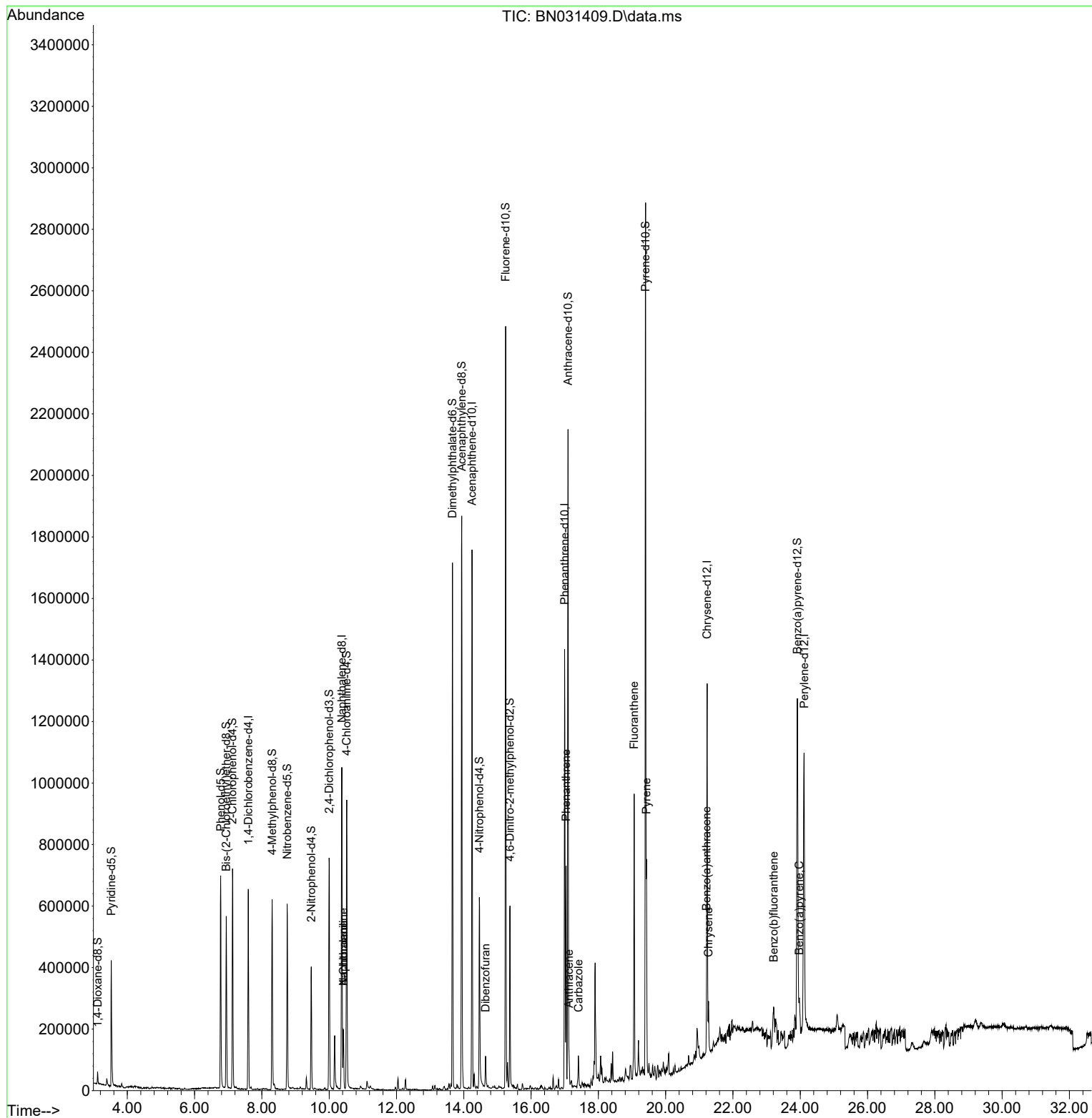
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.599	152	161630	20.000	ng/ul	0.00
20) Naphthalene-d8	10.375	136	830912	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.245	164	574493	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.998	188	789592	20.000	ng/ul	0.00
79) Chrysene-d12	21.233	240	536093	20.000	ng/ul	0.00
88) Perylene-d12	24.115	264	740544	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.117	96	19886	5.325	ng/uL	0.00
4) Pyridine-d5	3.522	84	218651	22.525	ng/ul	0.00
7) Phenol-d5	6.775	99	383371	31.108	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.940	67	233268	33.518	ng/ul	0.00
11) 2-Chlorophenol-d4	7.128	132	317073	30.850	ng/ul	0.00
15) 4-Methylphenol-d8	8.305	113	218836	21.414	ng/ul	0.00
21) Nitrobenzene-d5	8.752	128	135975	21.720	ng/ul	0.00
24) 2-Nitrophenol-d4	9.469	143	113269	16.372	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.999	165	263342	21.178	ng/ul	0.00
31) 4-Chloroaniline-d4	10.522	131	502973	29.052	ng/ul	0.00
46) Dimethylphthalate-d6	13.663	166	1078927	26.101	ng/ul	0.00
49) Acenaphthylene-d8	13.939	160	1201388	26.408	ng/ul	0.00
54) 4-Nitrophenol-d4	14.463	143	150268	20.448	ng/ul	0.00
60) Fluorene-d10	15.245	176	899110	26.613	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.375	200	115308	23.875	ng/ul	0.00
73) Anthracene-d10	17.098	188	1123531	32.674	ng/ul	0.00
81) Pyrene-d10	19.404	212	1426841	46.870	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.915	264	925770	26.207	ng/ul	0.00
Target Compounds					Qvalue	
30) Naphthalene	10.428	128	157687	3.682	ng/ul	98
32) 4-Chloroaniline	10.422	127	20620	1.232	ng/ul#	12
56) Dibenzofuran	14.645	168	57377	1.227	ng/ul	88
72) Phenanthrene	17.039	178	391672	9.613	ng/ul	100
74) Anthracene	17.128	178	50665	1.221	ng/ul	96
77) Carbazole	17.410	167	62501	1.741	ng/ul	98
80) Fluoranthene	19.063	202	499656	13.629	ng/ul#	93
82) Pyrene	19.427	202	395100	10.326	ng/ul#	92
85) Benzo(a)anthracene	21.216	228	77613	2.159	ng/ul	97
87) Chrysene	21.274	228	92816	2.742	ng/ul	99
90) Benzo(b)fluoranthene	23.210	252	106454	2.401	ng/ul#	95
93) Benzo(a)pyrene	23.968	252	77339	1.912	ng/ul#	95

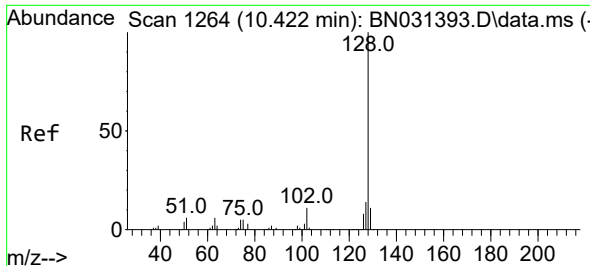
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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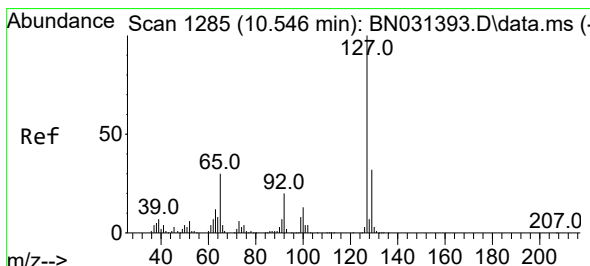
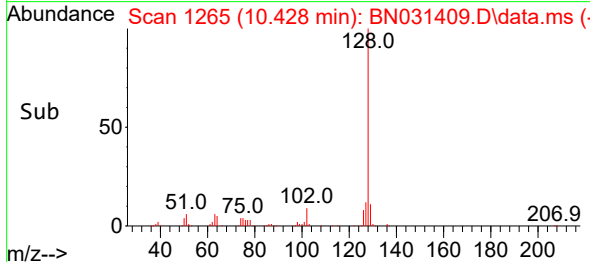
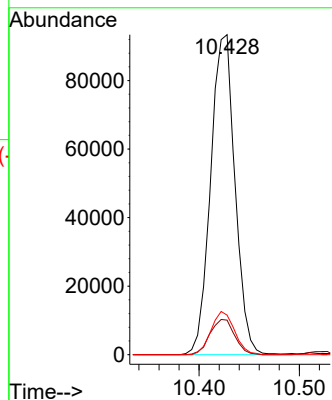
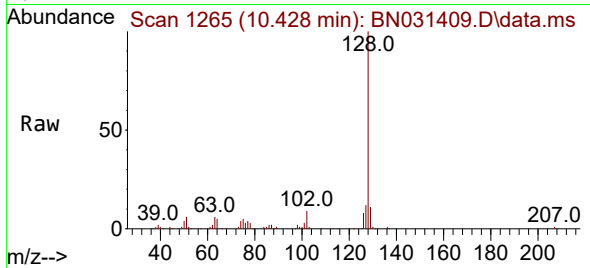




#30
Naphthalene
Concen: 3.682 ng/ul
RT: 10.428 min Scan# 1265
Delta R.T. -0.000 min
Lab File: BN031409.D
Acq: 06 May 2024 21:17

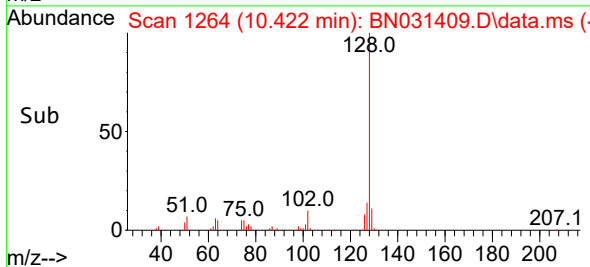
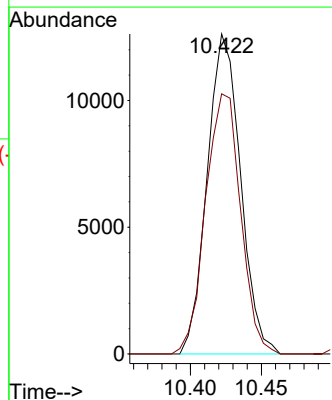
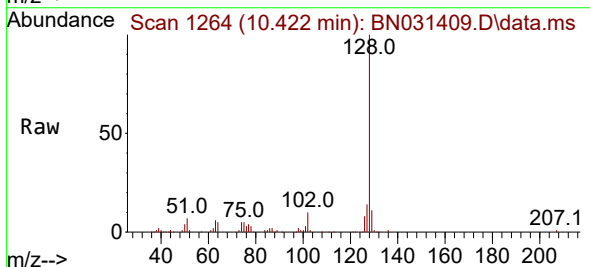
Instrument :
BNA_P
ClientSampleId :
A43L8

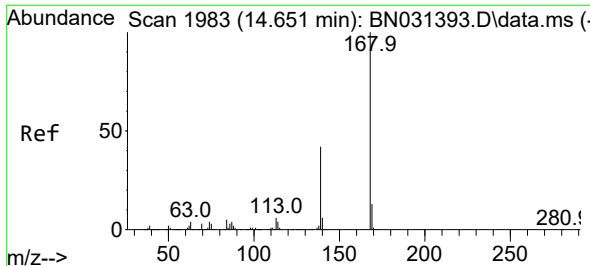
Tgt Ion:128 Resp: 157687
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.4
127 12.4 10.6 15.8



#32
4-Chloroaniline
Concen: 1.232 ng/ul
RT: 10.422 min Scan# 1264
Delta R.T. -0.124 min
Lab File: BN031409.D
Acq: 06 May 2024 21:17

Tgt Ion:127 Resp: 20620
Ion Ratio Lower Upper
127 100
129 81.3 25.6 38.4#

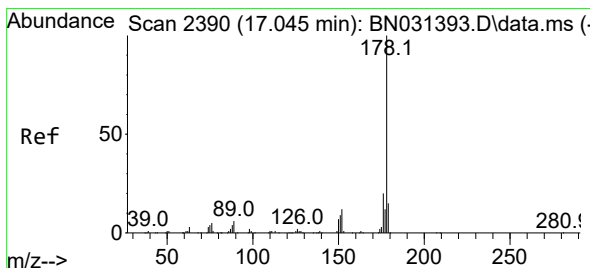
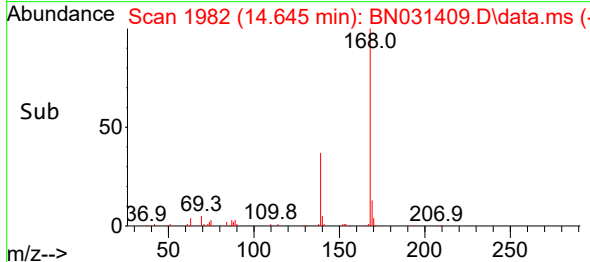
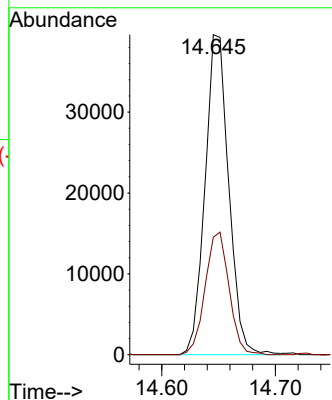
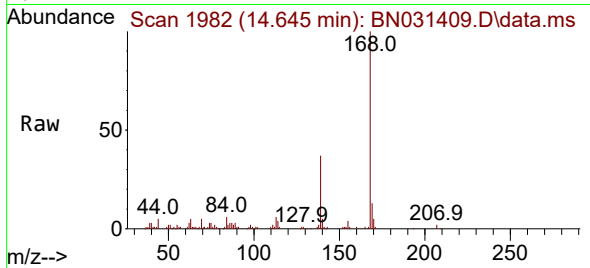




#56
Dibenzenofuran
Concen: 1.227 ng/ul
RT: 14.645 min Scan# 1982
Delta R.T. -0.006 min
Lab File: BN031409.D
Acq: 06 May 2024 21:17

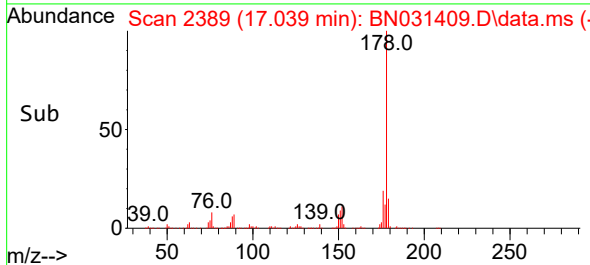
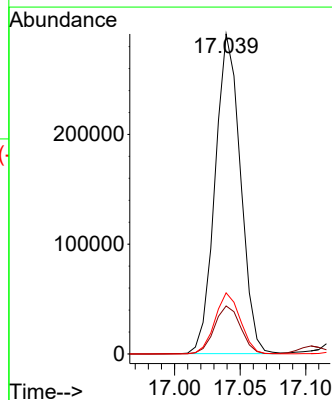
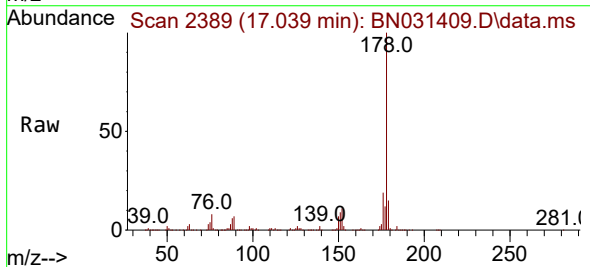
Instrument :
BNA_P
ClientSampleId :
A43L8

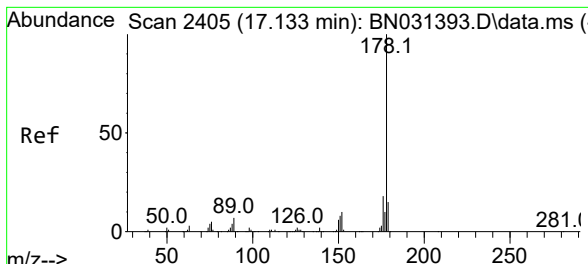
Tgt Ion:168 Resp: 57377
Ion Ratio Lower Upper
168 100
139 36.7 35.4 53.0



#72
Phenanthrene
Concen: 9.613 ng/ul
RT: 17.039 min Scan# 2389
Delta R.T. -0.006 min
Lab File: BN031409.D
Acq: 06 May 2024 21:17

Tgt Ion:178 Resp: 391672
Ion Ratio Lower Upper
178 100
179 15.0 11.8 17.6
176 19.1 15.3 22.9





#74

Anthracene

Concen: 1.221 ng/ul

RT: 17.128 min Scan# 2404

Delta R.T. -0.006 min

Lab File: BN031409.D

Acq: 06 May 2024 21:17

Instrument :

BNA_P

ClientSampleId :

A43L8

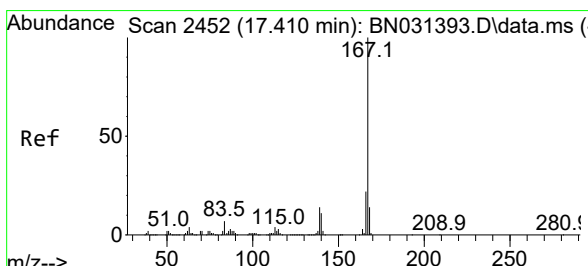
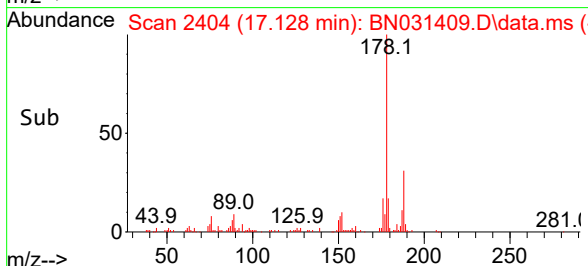
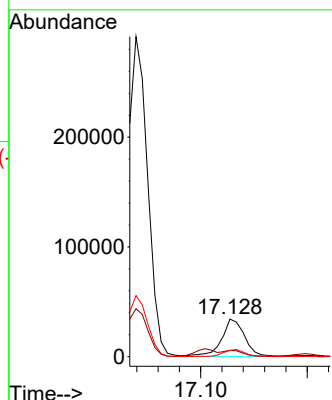
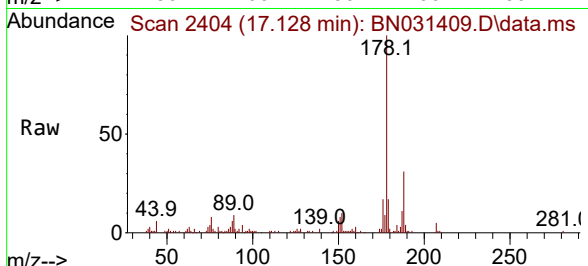
Tgt Ion:178 Resp: 50665

Ion Ratio Lower Upper

178 100

179 17.2 13.0 19.4

176 16.8 15.4 23.0



#77

Carbazole

Concen: 1.741 ng/ul

RT: 17.410 min Scan# 2452

Delta R.T. -0.000 min

Lab File: BN031409.D

Acq: 06 May 2024 21:17

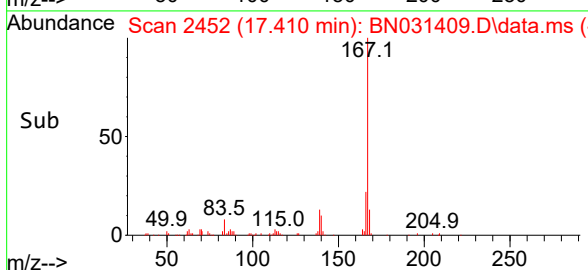
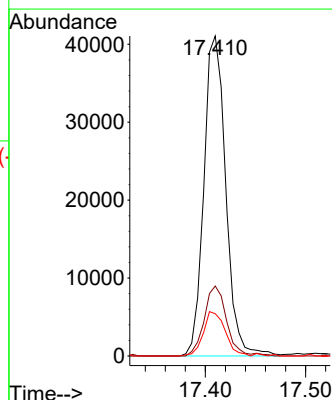
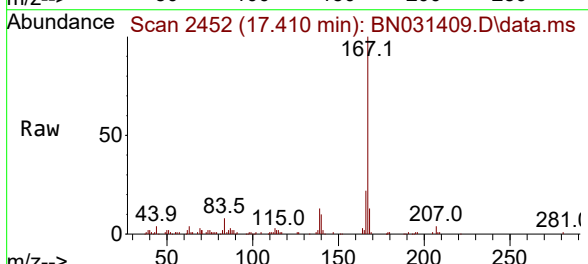
Tgt Ion:167 Resp: 62501

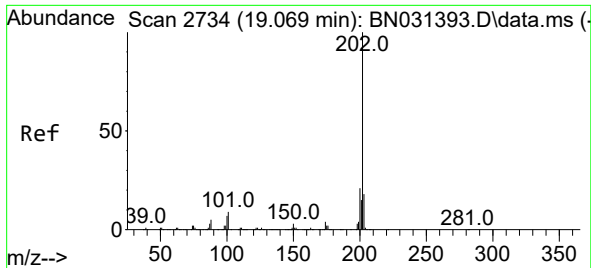
Ion Ratio Lower Upper

167 100

166 21.9 17.9 26.9

139 13.2 11.6 17.4

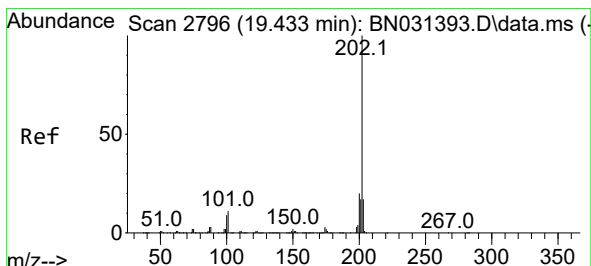
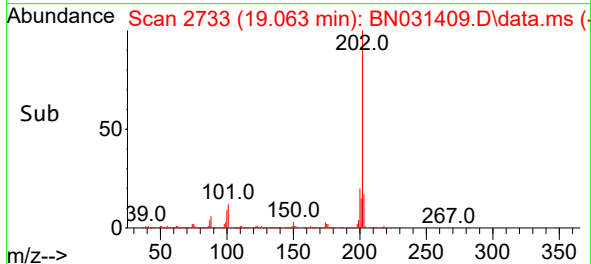
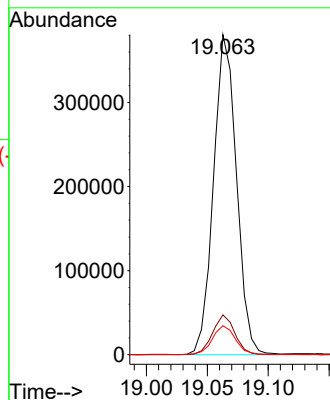
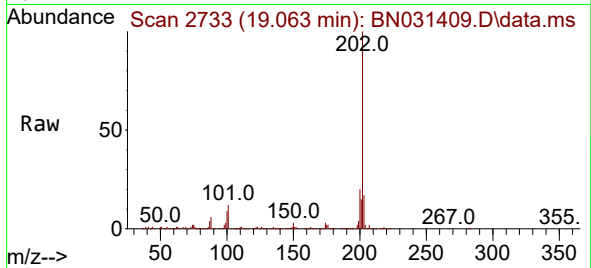




#80
Fluoranthene
Concen: 13.629 ng/ul
RT: 19.063 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN031409.D
Acq: 06 May 2024 21:17

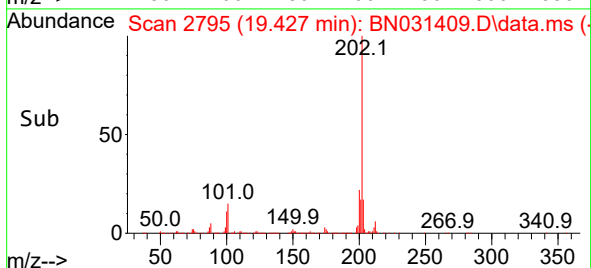
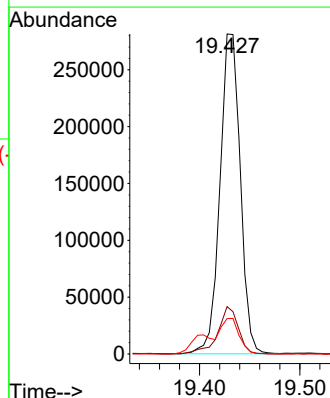
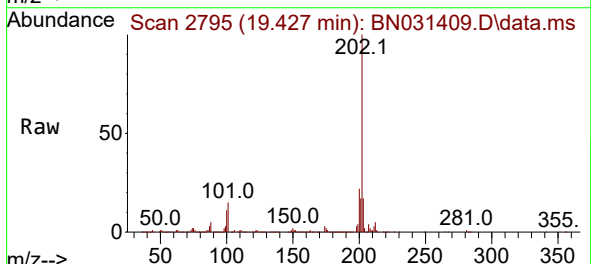
Instrument :
BNA_P
ClientSampleId :
A43L8

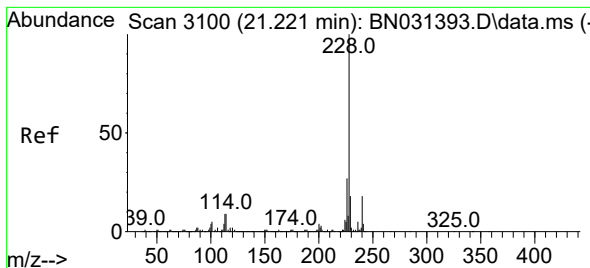
Tgt Ion:202 Resp: 499656
Ion Ratio Lower Upper
202 100
101 12.4 7.4 11.2#
100 9.0 5.7 8.5#



#82
Pyrene
Concen: 10.326 ng/ul
RT: 19.427 min Scan# 2795
Delta R.T. -0.006 min
Lab File: BN031409.D
Acq: 06 May 2024 21:17

Tgt Ion:202 Resp: 395100
Ion Ratio Lower Upper
202 100
101 14.8 8.4 12.6#
100 11.0 7.4 11.2





#85

Benzo(a)anthracene

Concen: 2.159 ng/ul

RT: 21.216 min Scan# 3100

Delta R.T. -0.000 min

Lab File: BN031409.D

Acq: 06 May 2024 21:17

Instrument :

BNA_P

ClientSampleId :

A43L8

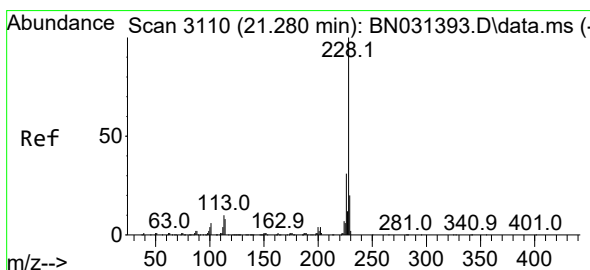
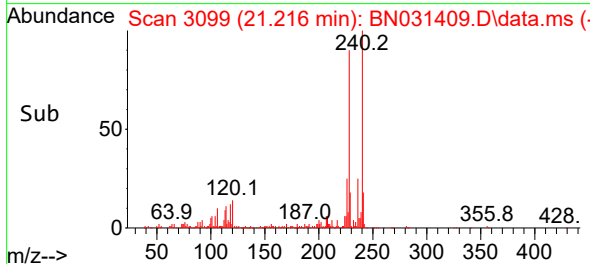
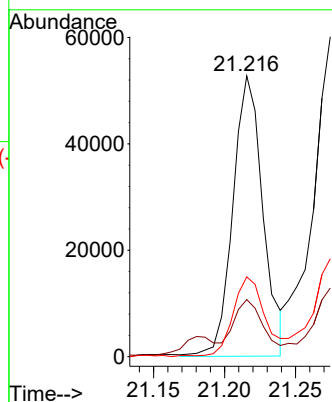
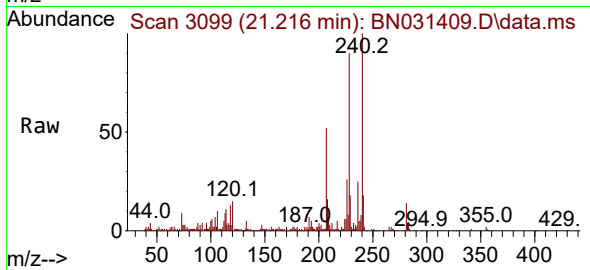
Tgt Ion:228 Resp: 77613

Ion Ratio Lower Upper

228 100

229 20.3 15.3 22.9

226 28.4 21.2 31.8



#87

Chrysene

Concen: 2.742 ng/ul

RT: 21.274 min Scan# 3109

Delta R.T. -0.006 min

Lab File: BN031409.D

Acq: 06 May 2024 21:17

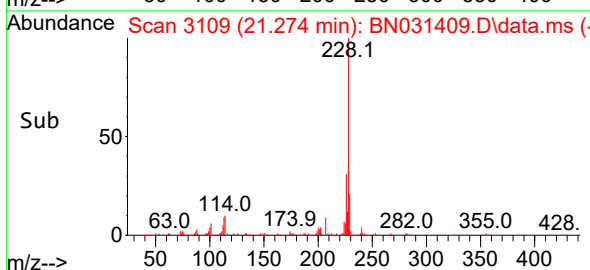
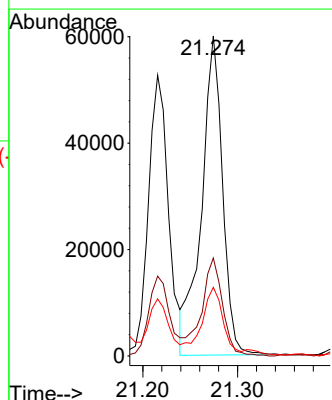
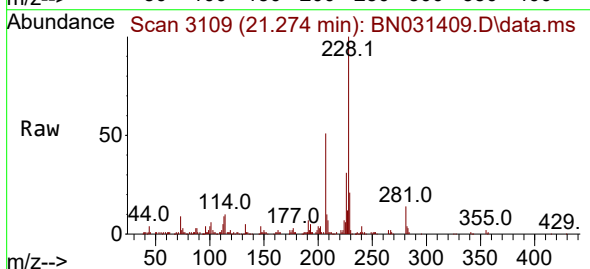
Tgt Ion:228 Resp: 92816

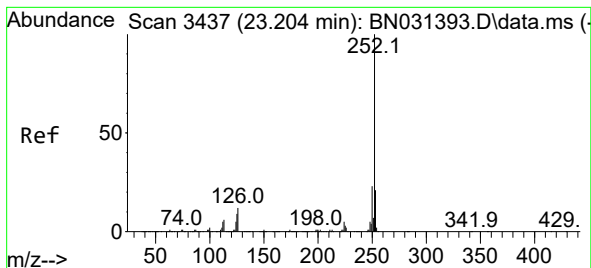
Ion Ratio Lower Upper

228 100

226 30.6 24.6 36.8

229 21.5 16.2 24.4





#90

Benzo(b)fluoranthene

Concen: 2.401 ng/ul

RT: 23.210 min Scan# 3437

Delta R.T. -0.000 min

Lab File: BN031409.D

Acq: 06 May 2024 21:17

Instrument :

BNA_P

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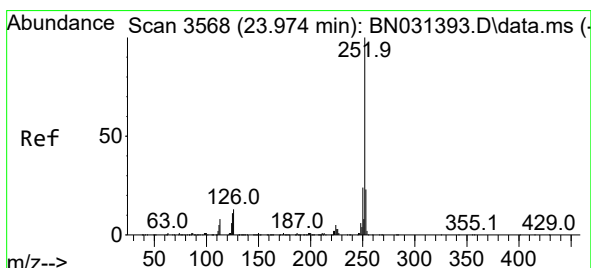
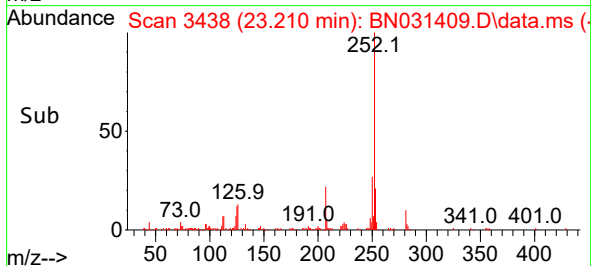
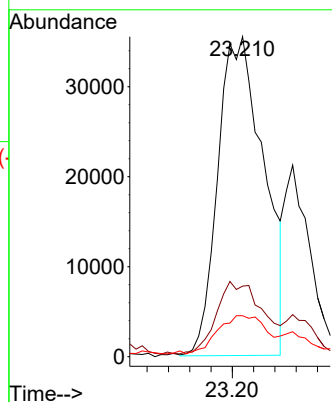
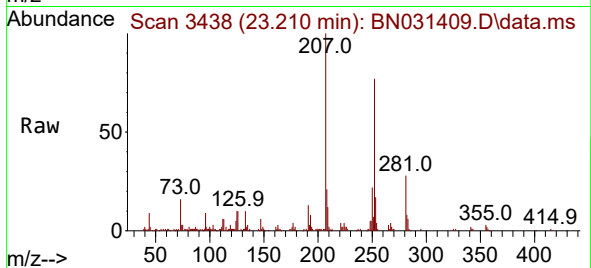
Tgt Ion:252 Resp: 106454

Ion Ratio Lower Upper

252 100

253 22.1 16.7 25.1

125 12.8 7.1 10.7#



#93

Benzo(a)pyrene

Concen: 1.912 ng/ul

RT: 23.968 min Scan# 3567

Delta R.T. -0.012 min

Lab File: BN031409.D

Acq: 06 May 2024 21:17

Tgt Ion:252 Resp: 77339

Ion Ratio Lower Upper

252 100

253 23.5 17.5 26.3

125 13.9 9.0 13.6#

