

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110923\
 Data File : BP018022.D
 Acq On : 10 Nov 2023 10:49
 Operator : MA/JU
 Sample : 05091-12
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCKI9

Quant Time: Nov 10 22:16:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110923.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 09 22:34:38 2023
 Response via : Initial Calibration

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

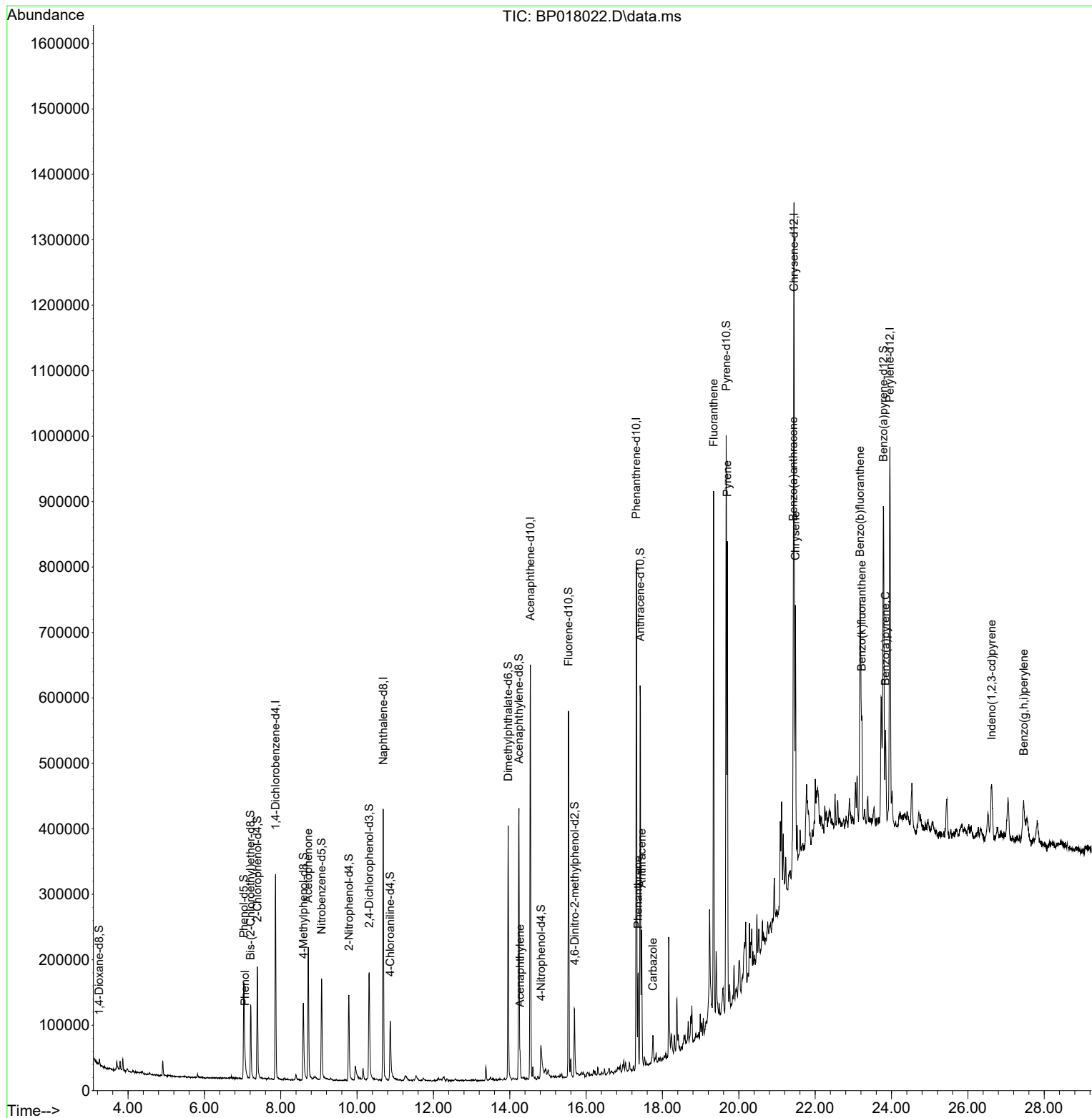
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	78387	20.000	ng/ul	0.00
20) Naphthalene-d8	10.687	136	316603	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.540	164	195282	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.316	188	427242	20.000	ng/ul	0.00
79) Chrysene-d12	21.445	240	378975	20.000	ng/ul	0.00
88) Perylene-d12	23.957	264	408646	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.246	96	4243	1.853	ng/uL	0.00
4) Pyridine-d5	3.681	84	114	0.019	ng/ul	0.00
7) Phenol-d5	7.034	99	86240	11.707	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.211	67	52134	11.683	ng/ul	0.00
11) 2-Chlorophenol-d4	7.387	132	70498	11.961	ng/ul	0.00
15) 4-Methylphenol-d8	8.593	113	51212	8.668	ng/ul	0.00
21) Nitrobenzene-d5	9.069	128	34396	12.132	ng/ul	0.00
24) 2-Nitrophenol-d4	9.787	143	38414	12.174	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.316	165	67879	12.008	ng/ul	0.00
31) 4-Chloroaniline-d4	10.869	131	53661	6.927	ng/ul	0.00
46) Dimethylphthalate-d6	13.957	166	237224	13.215	ng/ul	0.00
49) Acenaphthylene-d8	14.240	160	248481	12.911	ng/ul	0.00
54) 4-Nitrophenol-d4	14.816	143	19231	7.314	ng/ul	0.02
60) Fluorene-d10	15.539	176	199815	13.429	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.698	200	21258	7.126	ng/ul	0.00
73) Anthracene-d10	17.416	188	311262	13.597	ng/ul	0.00
81) Pyrene-d10	19.669	212	388820	15.941	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.786	264	342684	14.427	ng/ul	-0.01
Target Compounds						
					Qvalue	
8) Phenol	7.063	94	16235	2.238	ng/ul#	82
16) Acetophenone	8.722	105	104868	11.100	ng/ul	96
50) Acenaphthylene	14.269	152	23964	1.087	ng/ul	99
72) Phenanthrene	17.363	178	79221	2.979	ng/ul	96
74) Anthracene	17.457	178	125356	4.662	ng/ul	99
77) Carbazole	17.751	167	25924	1.117	ng/ul	97
80) Fluoranthene	19.339	202	428672	15.185	ng/ul	99
82) Pyrene	19.698	202	384396	12.883	ng/ul	98
85) Benzo(a)anthracene	21.427	228	175830	5.771	ng/ul	98
87) Chrysene	21.480	228	186145	6.487	ng/ul	97
90) Benzo(b)fluoranthene	23.174	252	295447	10.060	ng/ul	97
91) Benzo(k)fluoranthene	23.221	252	96798	3.302	ng/ul	96
93) Benzo(a)pyrene	23.845	252	106690	3.854	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.621	276	98364	2.998	ng/ul	97
96) Benzo(g,h,i)perylene	27.462	276	87968	3.360	ng/ul	96

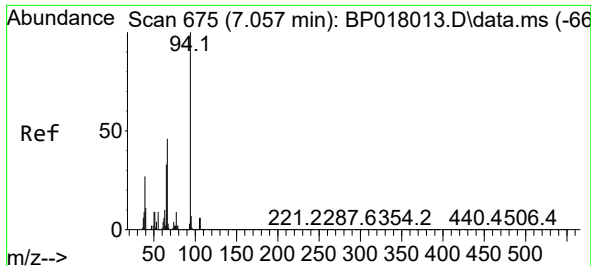
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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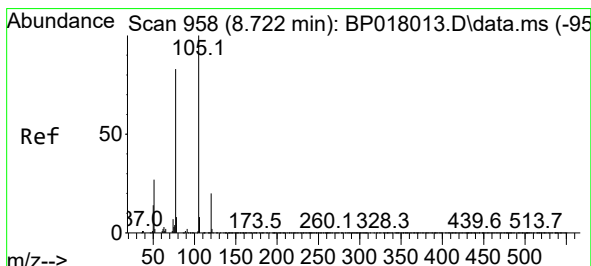
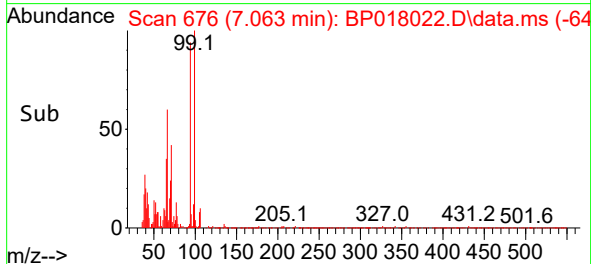
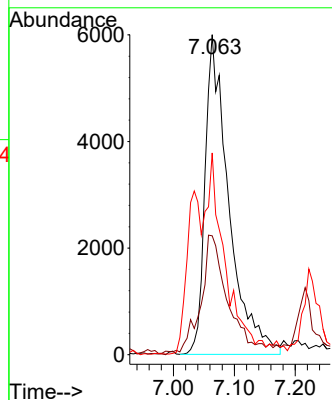
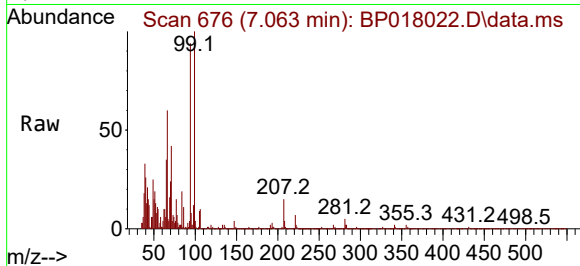




#8
Phenol
Concen: 2.238 ng/ul
RT: 7.063 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP018022.D
Acq: 10 Nov 2023 10:49

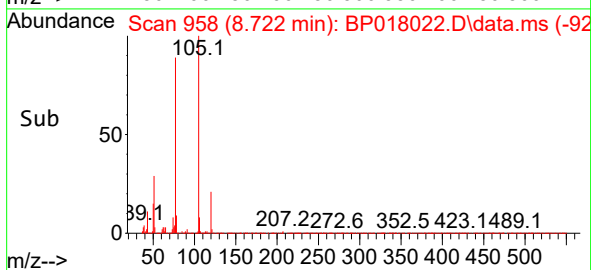
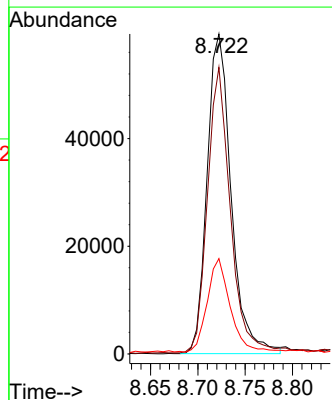
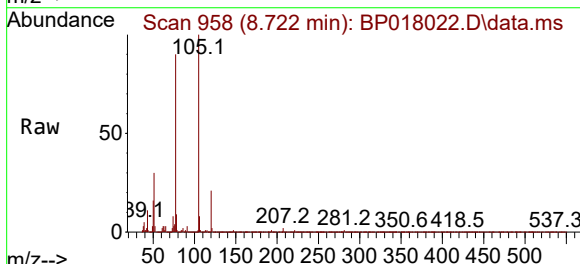
Instrument :
BNA_P
ClientSampleId :
DCKI9

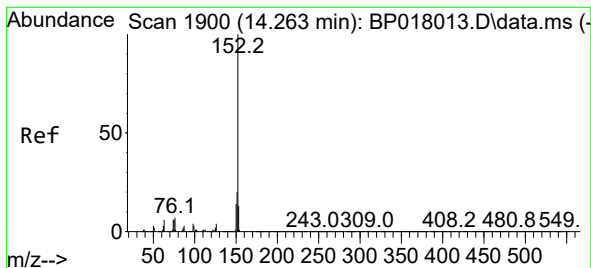
Tgt Ion: 94 Resp: 16235
Ion Ratio Lower Upper
94 100
65 37.2 26.5 39.7
66 63.1 37.0 55.6#



#16
Acetophenone
Concen: 11.100 ng/ul
RT: 8.722 min Scan# 958
Delta R.T. 0.000 min
Lab File: BP018022.D
Acq: 10 Nov 2023 10:49

Tgt Ion: 105 Resp: 104868
Ion Ratio Lower Upper
105 100
77 89.5 68.2 102.4
51 29.8 24.1 36.1





#50

Acenaphthylene

Concen: 1.087 ng/ul

RT: 14.269 min Scan# 1900

Delta R.T. 0.000 min

Lab File: BP018022.D

Acq: 10 Nov 2023 10:49

Instrument :

BNA_P

ClientSampleId :

DCKI9

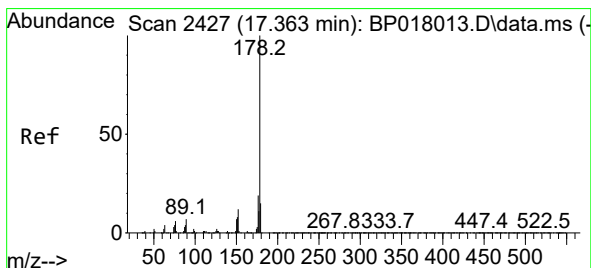
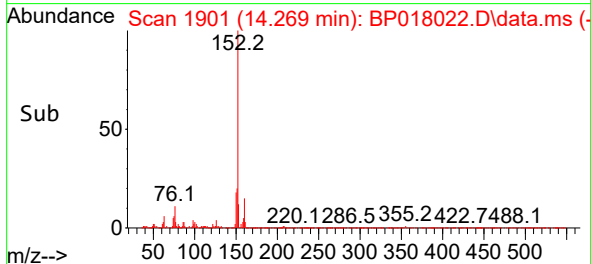
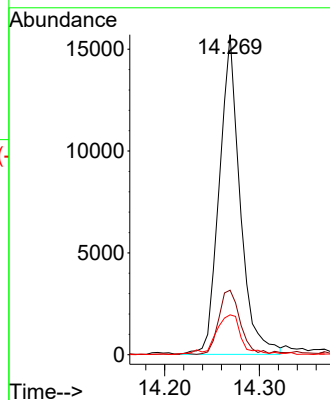
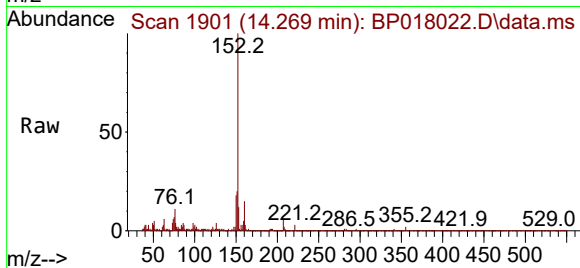
Tgt Ion:152 Resp: 23964

Ion Ratio Lower Upper

152 100

151 20.2 15.5 23.3

153 12.5 10.3 15.5



#72

Phenanthrene

Concen: 2.979 ng/ul

RT: 17.363 min Scan# 2427

Delta R.T. -0.006 min

Lab File: BP018022.D

Acq: 10 Nov 2023 10:49

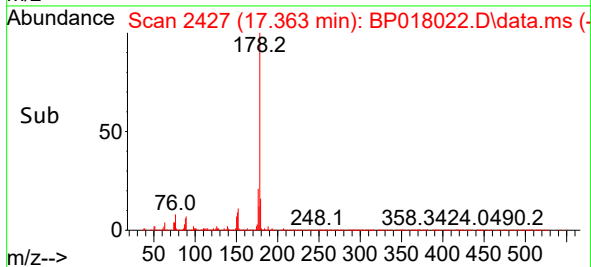
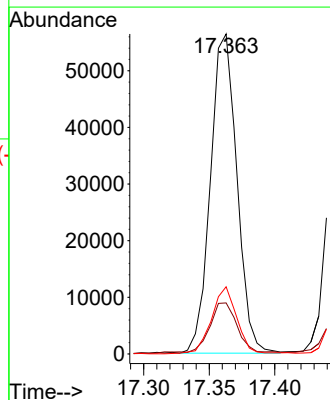
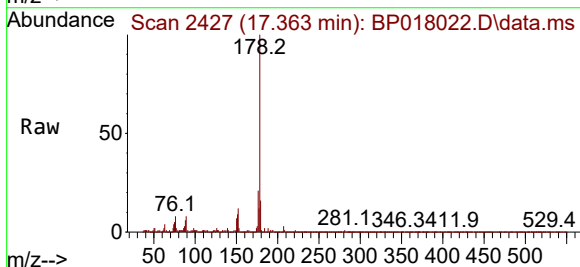
Tgt Ion:178 Resp: 79221

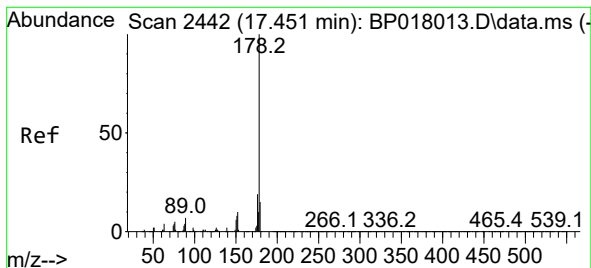
Ion Ratio Lower Upper

178 100

179 15.9 11.6 17.4

176 21.0 15.1 22.7





#74

Anthracene

Concen: 4.662 ng/ul

RT: 17.457 min Scan# 2442

Delta R.T. 0.000 min

Lab File: BP018022.D

Acq: 10 Nov 2023 10:49

Instrument :

BNA_P

ClientSampleId :

DCKI9

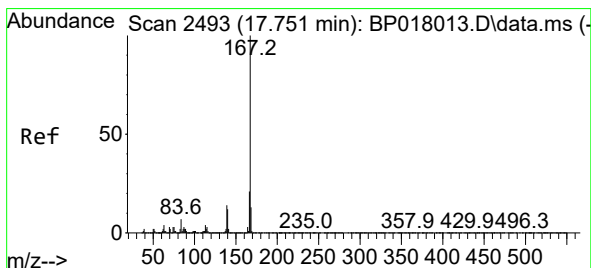
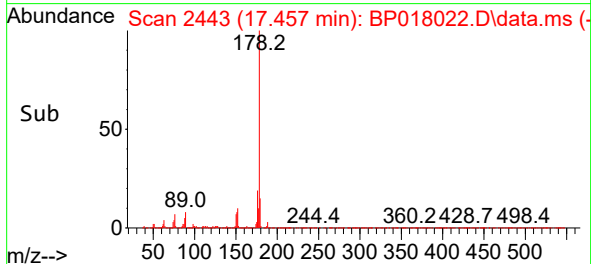
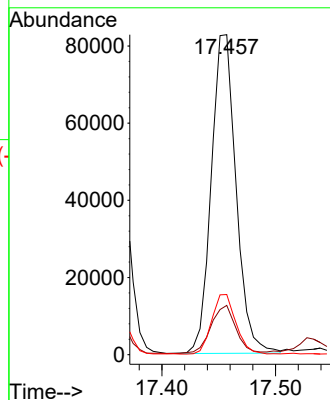
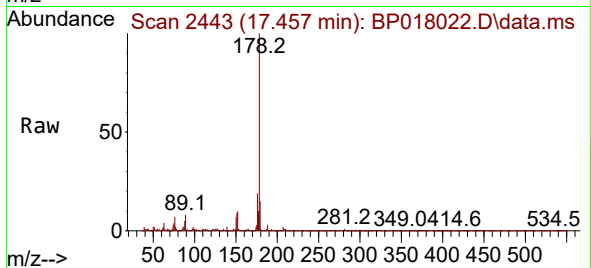
Tgt Ion:178 Resp: 125356

Ion Ratio Lower Upper

178 100

179 15.4 12.9 19.3

176 18.8 15.1 22.7



#77

Carbazole

Concen: 1.117 ng/ul

RT: 17.751 min Scan# 2493

Delta R.T. -0.006 min

Lab File: BP018022.D

Acq: 10 Nov 2023 10:49

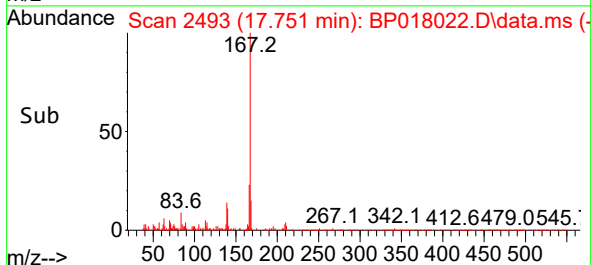
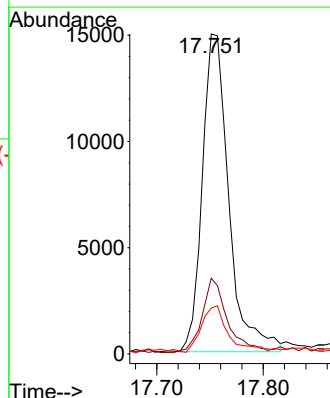
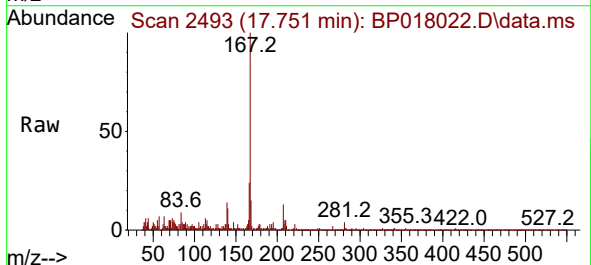
Tgt Ion:167 Resp: 25924

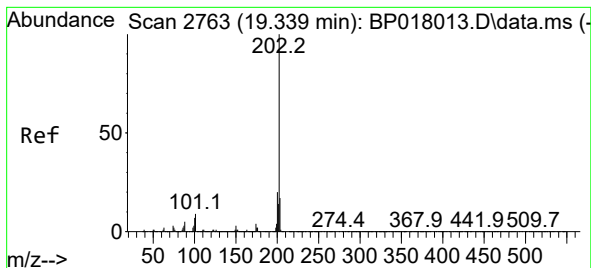
Ion Ratio Lower Upper

167 100

166 23.7 17.2 25.8

139 14.3 11.7 17.5





#80

Fluoranthene

Concen: 15.185 ng/ul

RT: 19.339 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP018022.D

Acq: 10 Nov 2023 10:49

Instrument :

BNA_P

ClientSampleId :

DCKI9

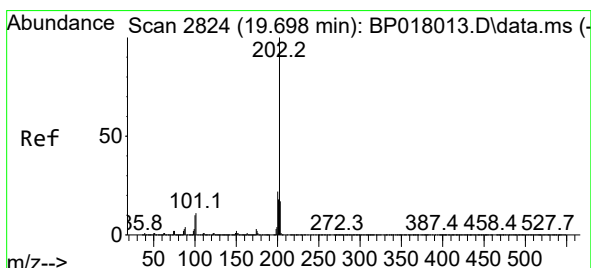
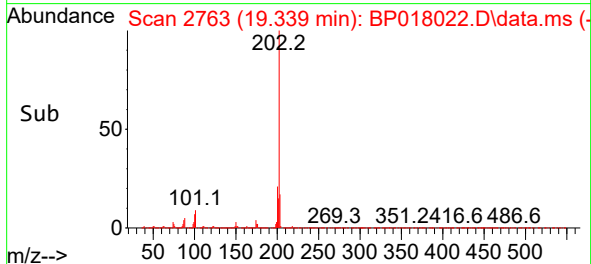
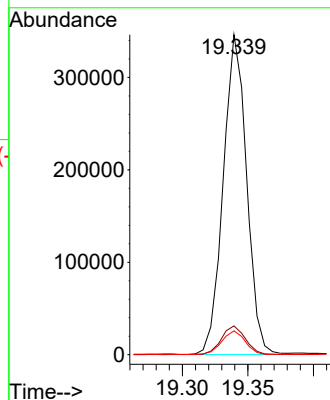
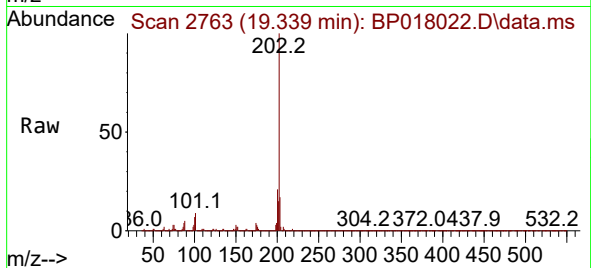
Tgt Ion:202 Resp: 428672

Ion Ratio Lower Upper

202 100

101 9.0 7.4 11.0

100 7.4 5.8 8.6



#82

Pyrene

Concen: 12.883 ng/ul

RT: 19.698 min Scan# 2824

Delta R.T. -0.006 min

Lab File: BP018022.D

Acq: 10 Nov 2023 10:49

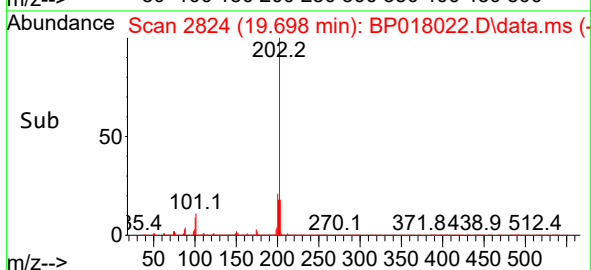
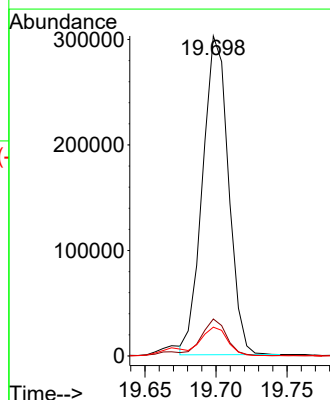
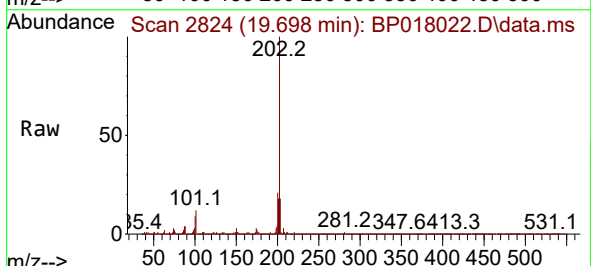
Tgt Ion:202 Resp: 384396

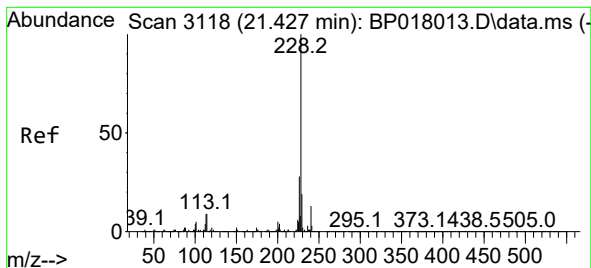
Ion Ratio Lower Upper

202 100

101 11.6 9.0 13.4

100 9.0 7.8 11.8





#85

Benzo(a)anthracene

Concen: 5.771 ng/ul

RT: 21.427 min Scan# 3118

Delta R.T. -0.006 min

Lab File: BP018022.D

Acq: 10 Nov 2023 10:49

Instrument :

BNA_P

ClientSampleId :

DCKI9

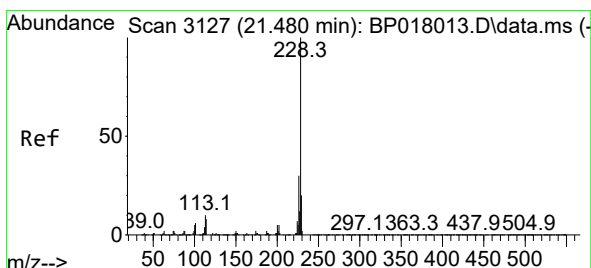
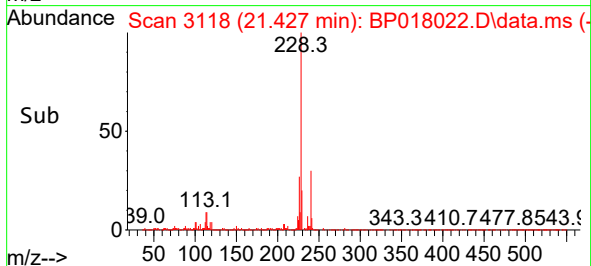
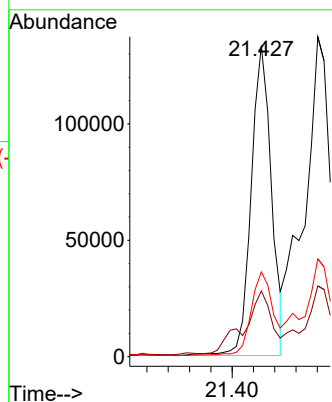
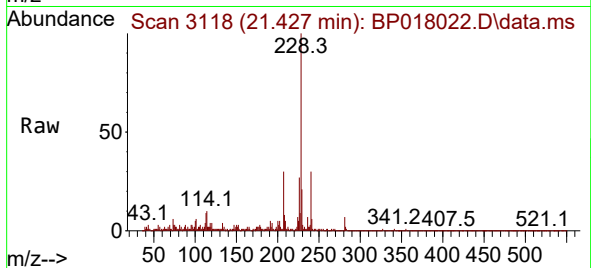
Tgt Ion:228 Resp: 175830

Ion Ratio Lower Upper

228 100

229 21.2 15.6 23.4

226 27.3 22.3 33.5



#87

Chrysene

Concen: 6.487 ng/ul

RT: 21.480 min Scan# 3127

Delta R.T. -0.012 min

Lab File: BP018022.D

Acq: 10 Nov 2023 10:49

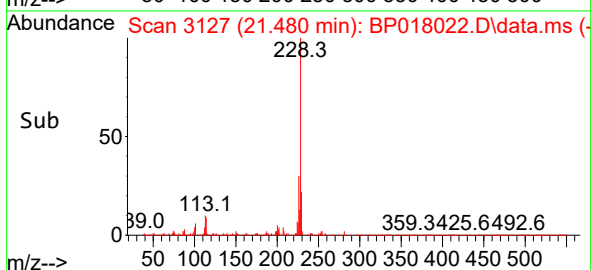
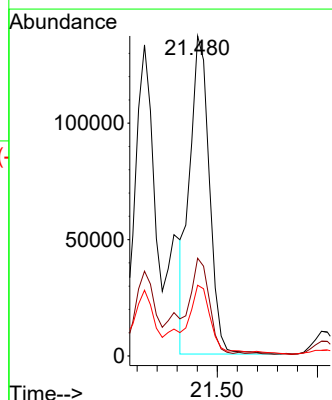
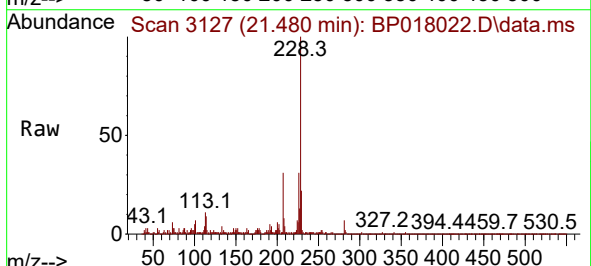
Tgt Ion:228 Resp: 186145

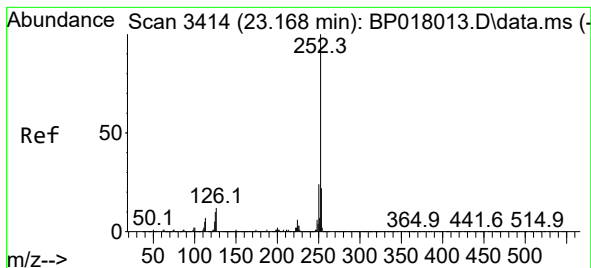
Ion Ratio Lower Upper

228 100

226 30.6 24.4 36.6

229 22.1 15.4 23.0





#90

Benzo(b)fluoranthene

Concen: 10.060 ng/ul

RT: 23.174 min Scan# 3414

Delta R.T. -0.006 min

Lab File: BP018022.D

Acq: 10 Nov 2023 10:49

Instrument :

BNA_P

ClientSampleId :

DCKI9

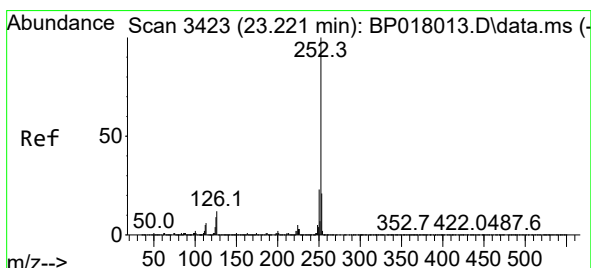
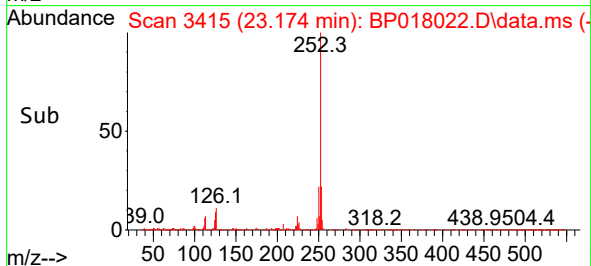
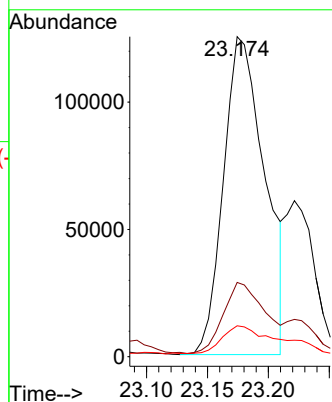
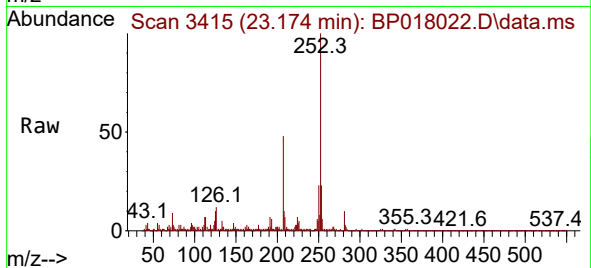
Tgt Ion:252 Resp: 295447

Ion Ratio Lower Upper

252 100

253 23.2 17.0 25.4

125 9.7 7.4 11.2



#91

Benzo(k)fluoranthene

Concen: 3.302 ng/ul

RT: 23.221 min Scan# 3423

Delta R.T. -0.012 min

Lab File: BP018022.D

Acq: 10 Nov 2023 10:49

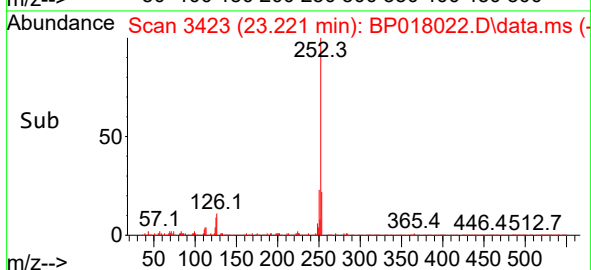
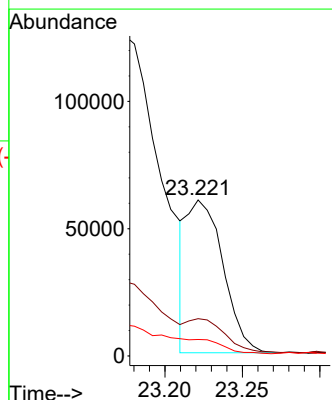
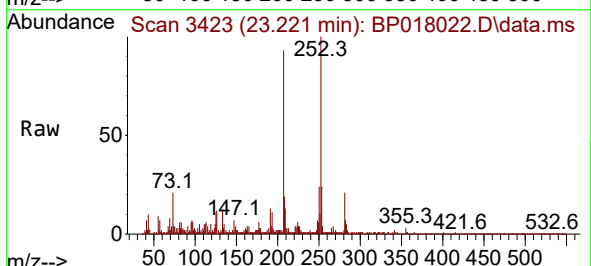
Tgt Ion:252 Resp: 96798

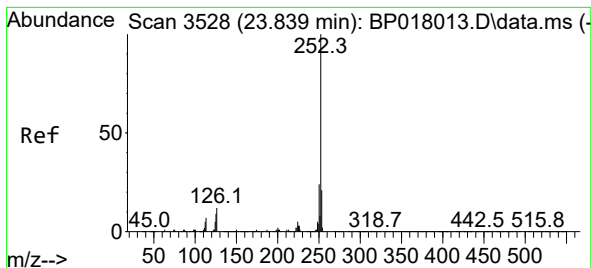
Ion Ratio Lower Upper

252 100

253 23.9 17.8 26.6

125 10.6 7.4 11.2





#93

Benzo(a)pyrene

Concen: 3.854 ng/ul

RT: 23.845 min Scan# 3

Delta R.T. -0.006 min

Lab File: BP018022.D

Acq: 10 Nov 2023 10:49

Instrument :

BNA_P

ClientSampleId :

DCKI9

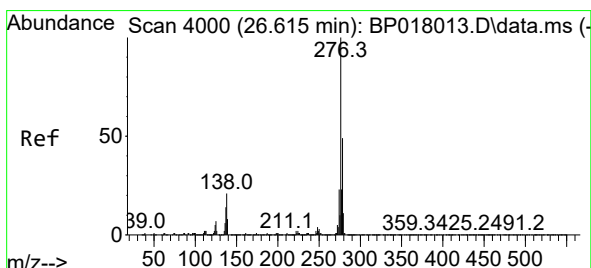
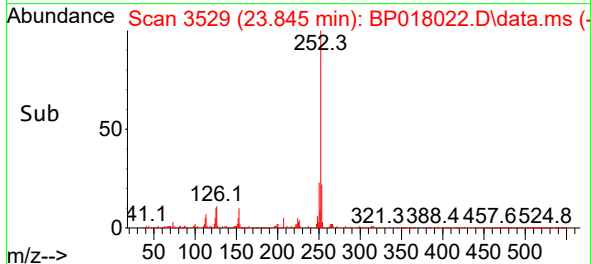
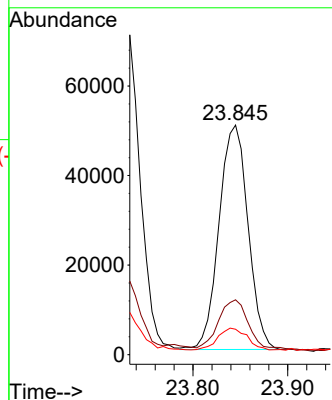
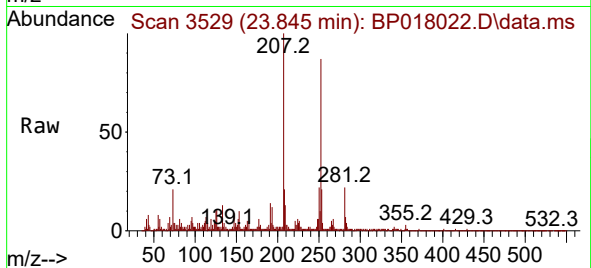
Tgt Ion:252 Resp: 106690

Ion Ratio Lower Upper

252 100

253 23.9 17.4 26.0

125 11.1 7.8 11.8



#94

Indeno(1,2,3-cd)pyrene

Concen: 2.998 ng/ul

RT: 26.621 min Scan# 4001

Delta R.T. -0.012 min

Lab File: BP018022.D

Acq: 10 Nov 2023 10:49

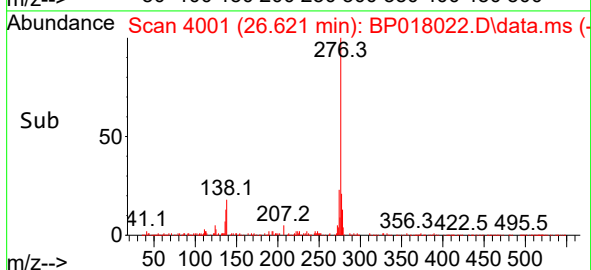
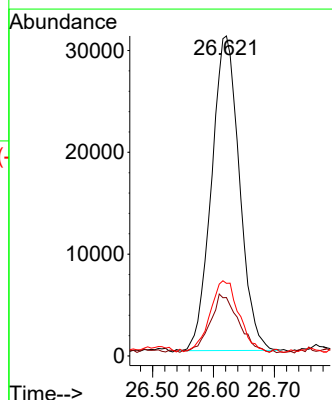
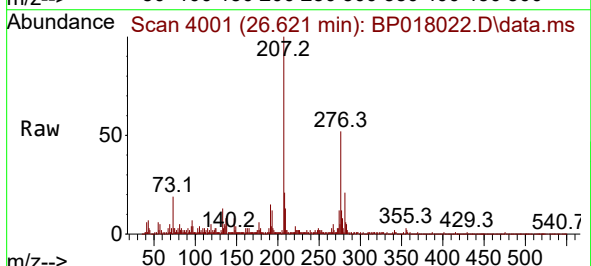
Tgt Ion:276 Resp: 98364

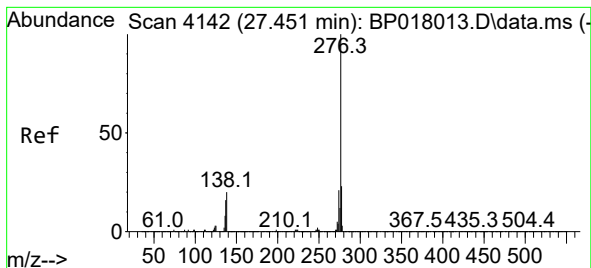
Ion Ratio Lower Upper

276 100

138 18.2 16.2 24.4

277 22.7 18.8 28.2





#96

Benzo(g,h,i)perylene

Concen: 3.360 ng/ul

RT: 27.462 min Scan# 41

Delta R.T. -0.006 min

Lab File: BP018022.D

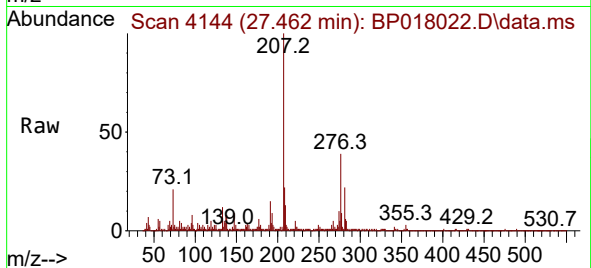
Acq: 10 Nov 2023 10:49

Instrument :

BNA_P

ClientSampleId :

DCKI9



Tgt Ion:276 Resp: 87968

Ion Ratio Lower Upper

276 100

138 21.4 15.0 22.6

277 22.8 19.0 28.6

