

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082823\
 Data File : BP016797.D
 Acq On : 28 Aug 2023 18:09
 Operator : MA/JU
 Sample : 04037-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

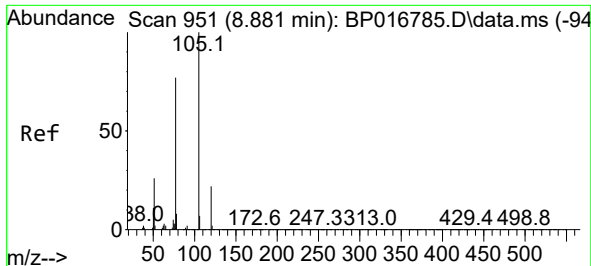
Instrument :
 BNA_P
 ClientSampleId :
 EZYJ7

Quant Time: Aug 29 01:15:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 29 01:12:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.034	152	277898	20.000	ng/ul	0.00
20) Naphthalene-d8	10.863	136	1213635	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.686	164	760973	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.451	188	1703821	20.000	ng/ul	0.00
79) Chrysene-d12	21.551	240	1507462	20.000	ng/ul	0.00
88) Perylene-d12	24.121	264	1534197	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	19832	2.949	ng/uL	0.00
4) Pyridine-d5	3.834	84	29283	1.425	ng/ul	0.02
7) Phenol-d5	7.169	99	279512	11.311	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.369	67	298088	18.927	ng/ul	0.00
11) 2-Chlorophenol-d4	7.551	132	148968	8.018	ng/ul	0.00
15) 4-Methylphenol-d8	8.734	113	230522	11.428	ng/ul	0.00
21) Nitrobenzene-d5	9.228	128	180569	19.678	ng/ul	0.00
24) 2-Nitrophenol-d4	9.945	143	70233	7.261	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.469	165	137342	7.616	ng/ul	0.00
31) 4-Chloroaniline-d4	11.016	131	408478	14.771	ng/ul	0.00
46) Dimethylphthalate-d6	14.092	166	1207912	21.048	ng/ul	0.00
49) Acenaphthylene-d8	14.380	160	1436301	22.140	ng/ul	0.00
54) 4-Nitrophenol-d4	14.892	143	42669	3.597	ng/ul	0.00
60) Fluorene-d10	15.680	176	1148174	23.758	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.798	200	33652	3.317	ng/ul	0.00
73) Anthracene-d10	17.551	188	1728752	22.890	ng/ul	0.00
81) Pyrene-d10	19.786	212	2110500	25.491	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.951	264	1803192	23.464	ng/ul	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.881	105	95845	3.064	ng/ul	99
52) Acenaphthene	14.745	153	51909	1.057	ng/ul	97
72) Phenanthrene	17.492	178	378021	4.214	ng/ul	99
74) Anthracene	17.492	178	378219	4.170	ng/ul	99
80) Fluoranthene	19.457	202	1212014	12.187	ng/ul	99
82) Pyrene	19.815	202	720877	7.017	ng/ul	97
85) Benzo(a)anthracene	21.533	228	547546	5.273	ng/ul	98
87) Chrysene	21.586	228	774046	8.207	ng/ul	97
90) Benzo(b)fluoranthene	23.321	252	1218628	12.439	ng/ul#	96
91) Benzo(k)fluoranthene	23.321	252	1218628	12.577	ng/ul#	97
93) Benzo(a)pyrene	24.003	252	702669	7.929	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	26.850	276	594515	6.565	ng/ul	95
95) Dibenzo(a,h)anthracene	26.862	278	145823	1.939	ng/ul#	90
96) Benzo(g,h,i)perylene	27.697	276	550059	8.012	ng/ul	99

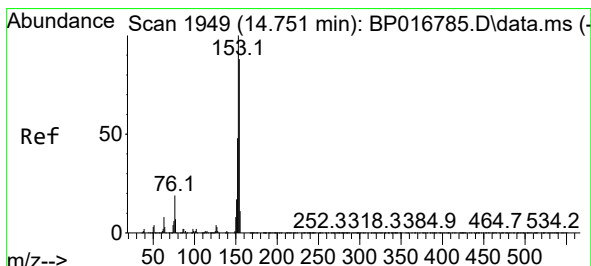
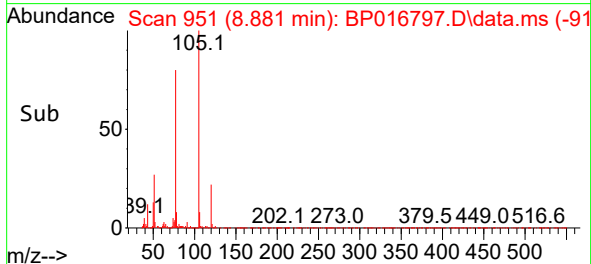
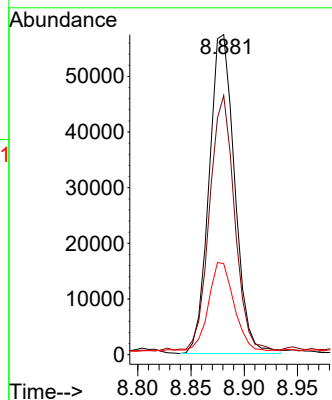
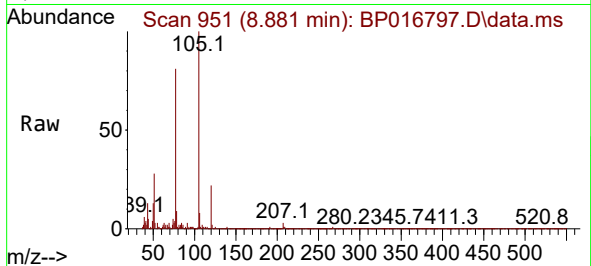
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#16
Acetophenone
Concen: 3.064 ng/ul
RT: 8.881 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP016797.D
Acq: 28 Aug 2023 18:09

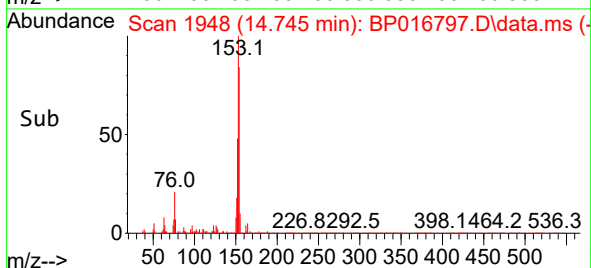
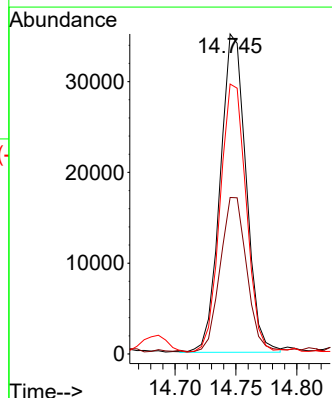
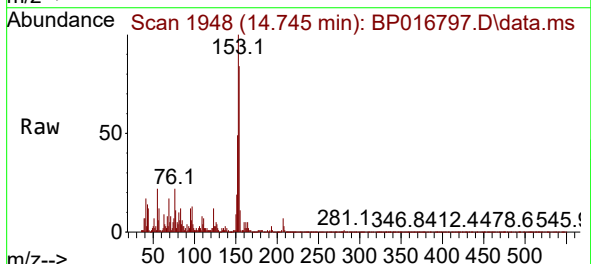
Instrument :
BNA_P
ClientSampleId :
EZYJ7

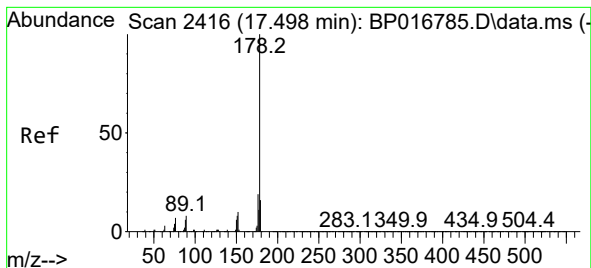
Tgt Ion:	105	Resp:	95845
Ion Ratio	Lower	Upper	
105	100		
77	80.9	64.2	96.4
51	28.4	22.2	33.4



#52
Acenaphthene
Concen: 1.057 ng/ul
RT: 14.745 min Scan# 1948
Delta R.T. -0.006 min
Lab File: BP016797.D
Acq: 28 Aug 2023 18:09

Tgt Ion:	153	Resp:	51909
Ion Ratio	Lower	Upper	
153	100		
152	48.9	38.5	57.7
154	84.4	70.6	105.8





#72

Phenanthrene

Concen: 4.214 ng/ul

RT: 17.492 min Scan# 2415

Delta R.T. -0.006 min

Lab File: BP016797.D

Acq: 28 Aug 2023 18:09

Instrument :

BNA_P

ClientSampleId :

EZYJ7

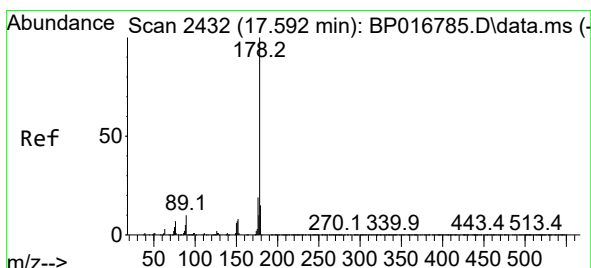
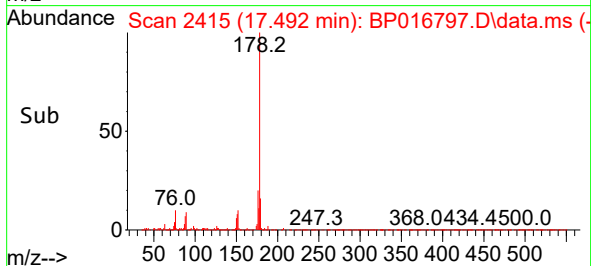
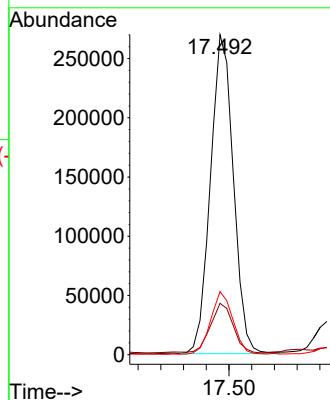
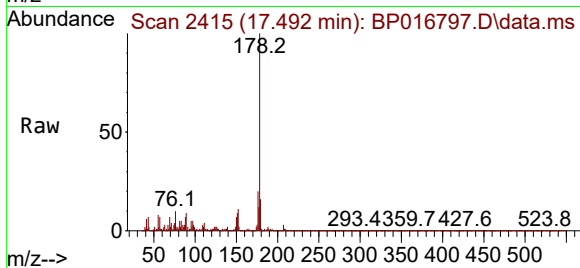
Tgt Ion:178 Resp: 378021

Ion Ratio Lower Upper

178 100

179 16.0 12.4 18.6

176 19.7 15.6 23.4



#74

Anthracene

Concen: 4.170 ng/ul

RT: 17.492 min Scan# 2415

Delta R.T. -0.100 min

Lab File: BP016797.D

Acq: 28 Aug 2023 18:09

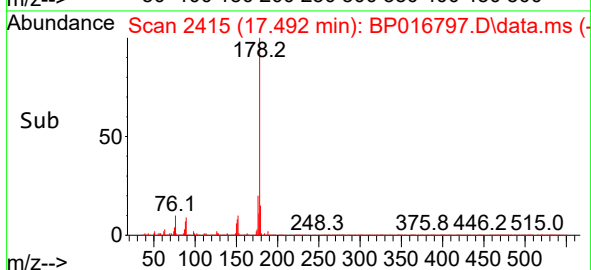
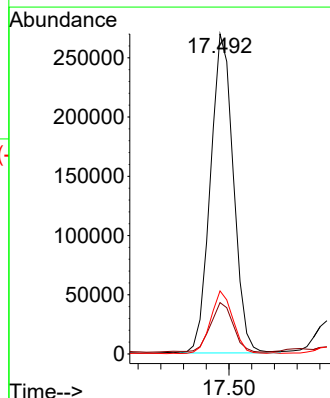
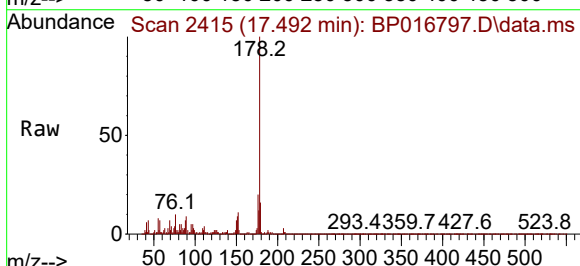
Tgt Ion:178 Resp: 378219

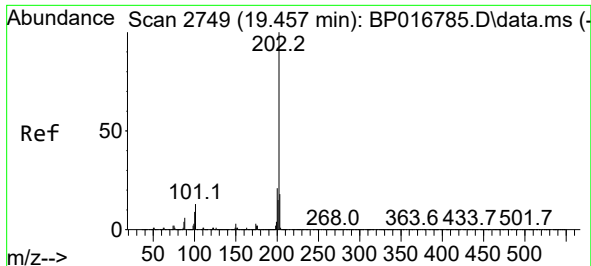
Ion Ratio Lower Upper

178 100

179 16.0 12.4 18.6

176 19.7 15.3 22.9

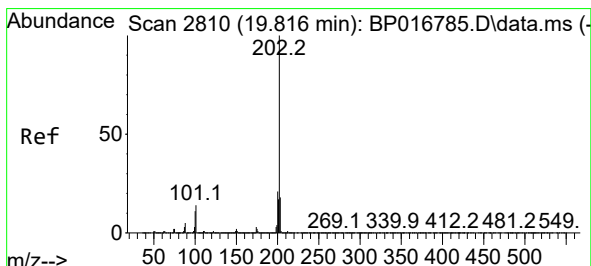
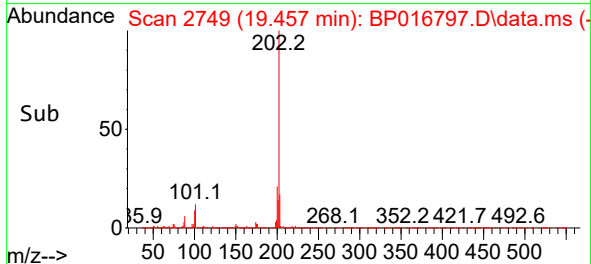
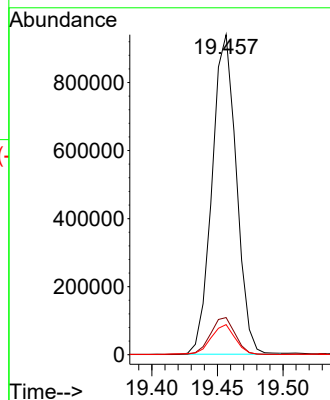
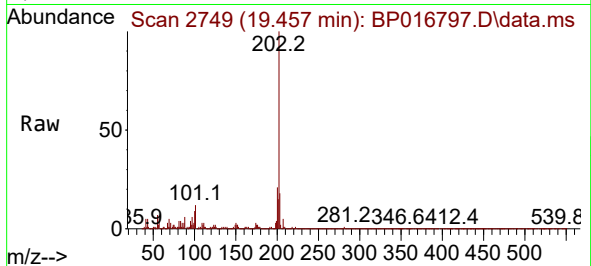




#80
Fluoranthene
Concen: 12.187 ng/ul
RT: 19.457 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP016797.D
Acq: 28 Aug 2023 18:09

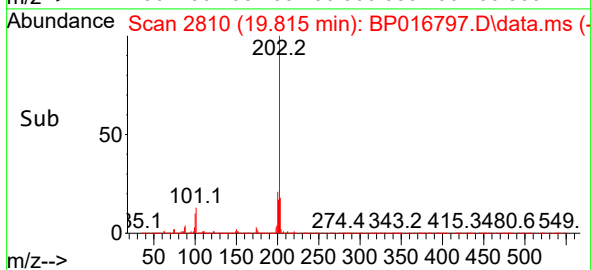
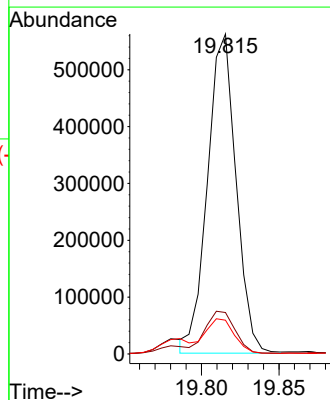
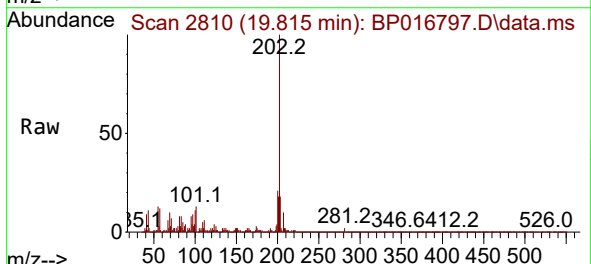
Instrument :
BNA_P
ClientSampleId :
EZYJ7

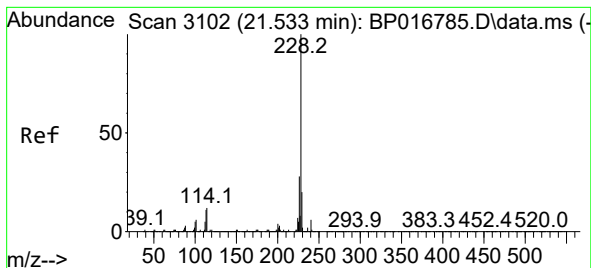
Tgt Ion:202 Resp: 1212014
Ion Ratio Lower Upper
202 100
101 11.6 9.7 14.5
100 9.4 7.4 11.2



#82
Pyrene
Concen: 7.017 ng/ul
RT: 19.815 min Scan# 2810
Delta R.T. -0.000 min
Lab File: BP016797.D
Acq: 28 Aug 2023 18:09

Tgt Ion:202 Resp: 720877
Ion Ratio Lower Upper
202 100
101 13.0 11.4 17.2
100 10.5 9.4 14.2





#85

Benzo(a)anthracene

Concen: 5.273 ng/ul

RT: 21.533 min Scan# 3102

Delta R.T. -0.000 min

Lab File: BP016797.D

Acq: 28 Aug 2023 18:09

Instrument :

BNA_P

ClientSampleId :

EZYJ7

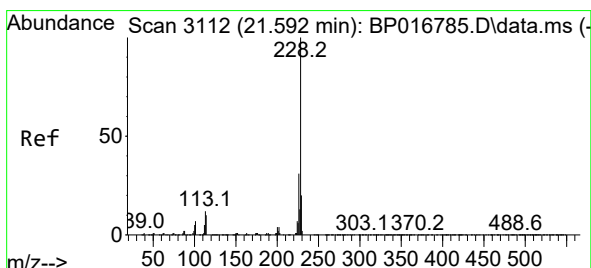
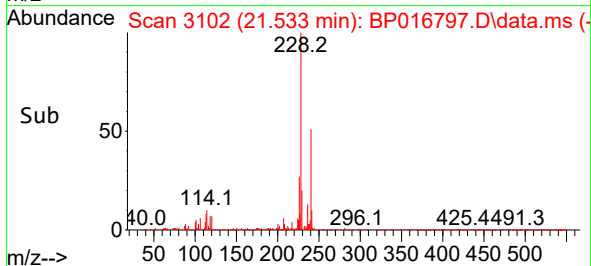
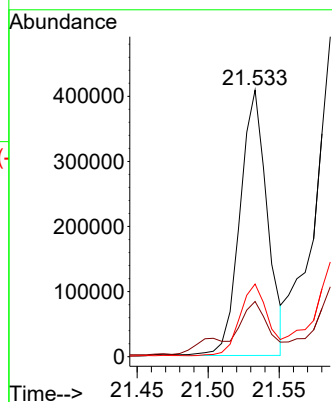
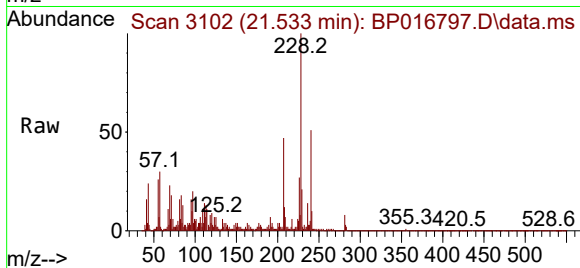
Tgt Ion:228 Resp: 547546

Ion Ratio Lower Upper

228 100

229 20.7 16.2 24.4

226 27.2 22.9 34.3



#87

Chrysene

Concen: 8.207 ng/ul

RT: 21.586 min Scan# 3111

Delta R.T. -0.006 min

Lab File: BP016797.D

Acq: 28 Aug 2023 18:09

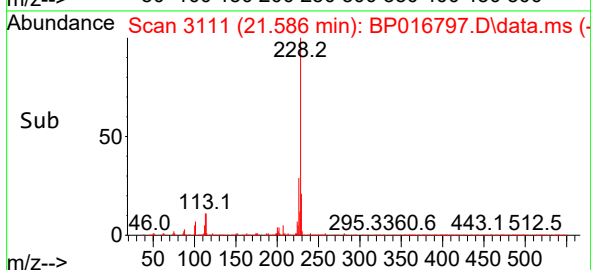
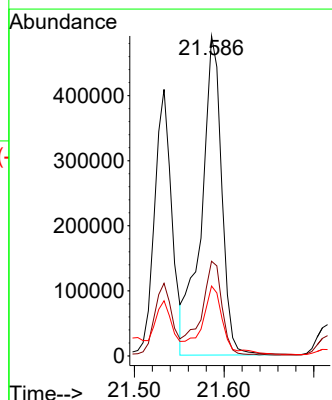
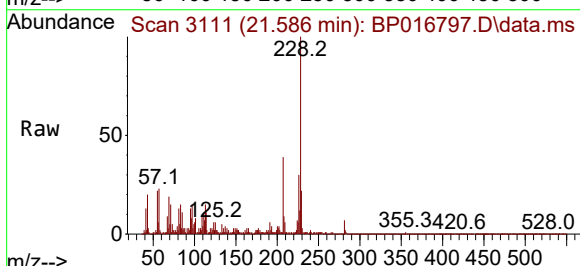
Tgt Ion:228 Resp: 774046

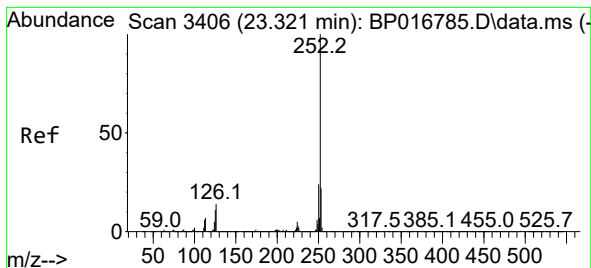
Ion Ratio Lower Upper

228 100

226 29.6 25.0 37.4

229 21.9 16.0 24.0





#90

Benzo(b)fluoranthene

Concen: 12.439 ng/ul

RT: 23.321 min Scan# 3406

Delta R.T. -0.000 min

Lab File: BP016797.D

Acq: 28 Aug 2023 18:09

Instrument :

BNA_P

ClientSampleId :

EZYJ7

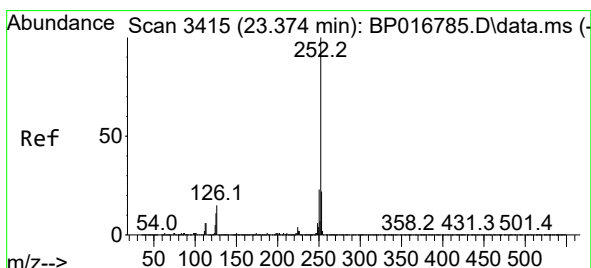
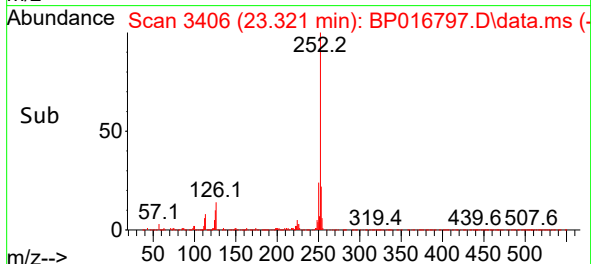
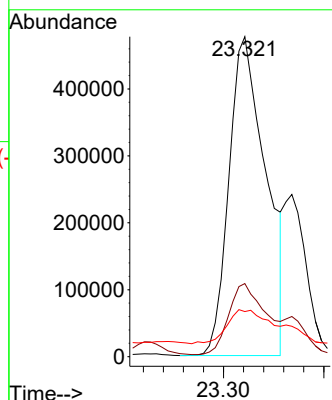
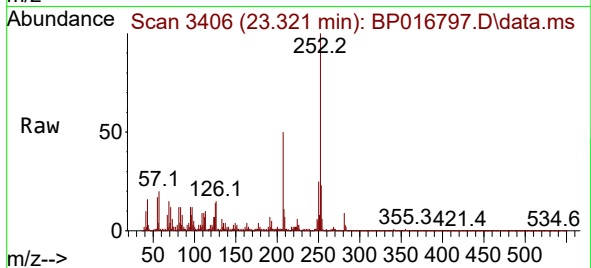
Tgt Ion:252 Resp: 1218628

Ion Ratio Lower Upper

252 100

253 22.8 17.7 26.5

125 14.1 9.0 13.4#



#91

Benzo(k)fluoranthene

Concen: 12.577 ng/ul

RT: 23.321 min Scan# 3406

Delta R.T. -0.053 min

Lab File: BP016797.D

Acq: 28 Aug 2023 18:09

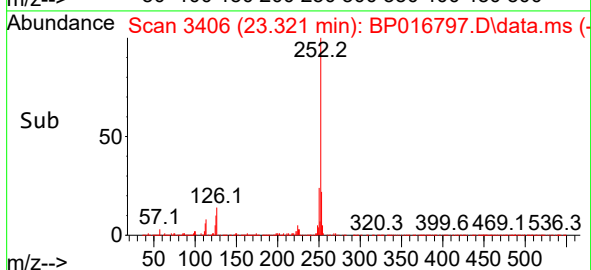
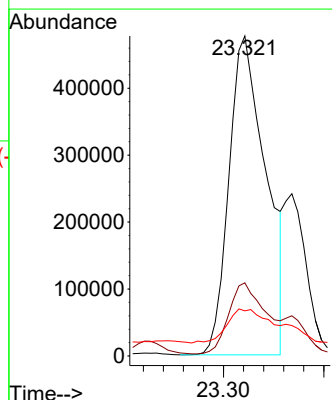
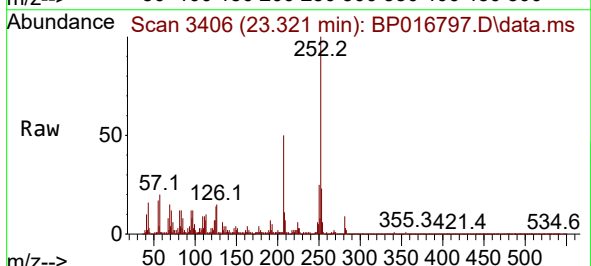
Tgt Ion:252 Resp: 1218628

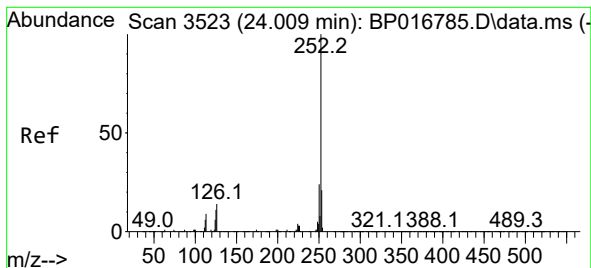
Ion Ratio Lower Upper

252 100

253 22.8 18.1 27.1

125 14.1 8.9 13.3#





#93

Benzo(a)pyrene

Concen: 7.929 ng/ul

RT: 24.003 min Scan# 3

Delta R.T. -0.006 min

Lab File: BP016797.D

Acq: 28 Aug 2023 18:09

Instrument :

BNA_P

ClientSampleId :

EZYJ7

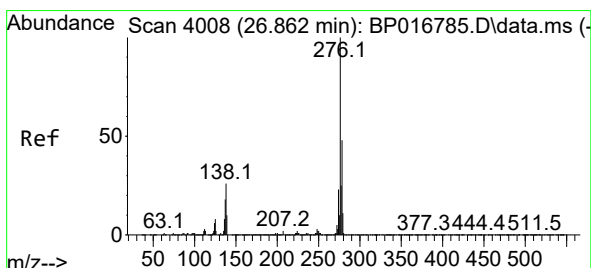
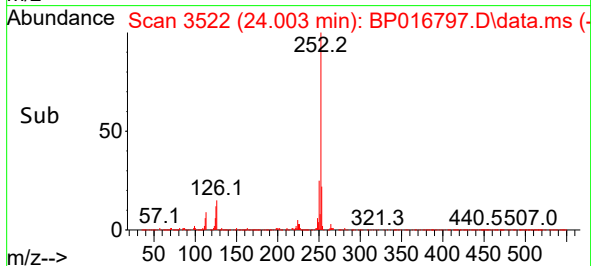
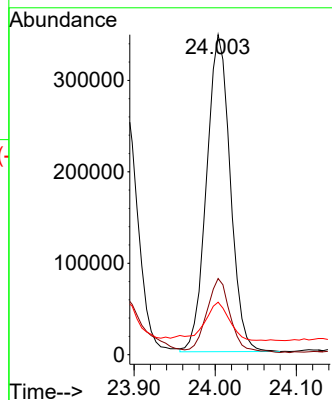
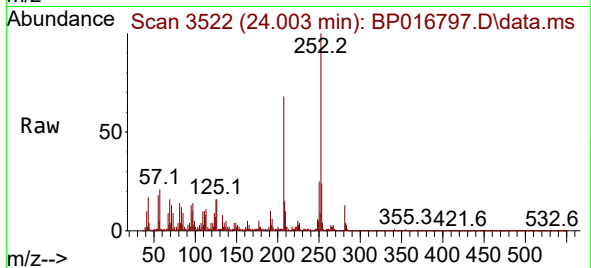
Tgt Ion:252 Resp: 702669

Ion Ratio Lower Upper

252 100

253 23.8 17.8 26.8

125 16.4 9.9 14.9#



#94

Indeno(1,2,3-cd)pyrene

Concen: 6.565 ng/ul

RT: 26.850 min Scan# 4006

Delta R.T. -0.012 min

Lab File: BP016797.D

Acq: 28 Aug 2023 18:09

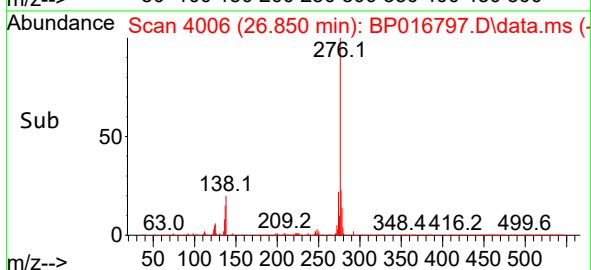
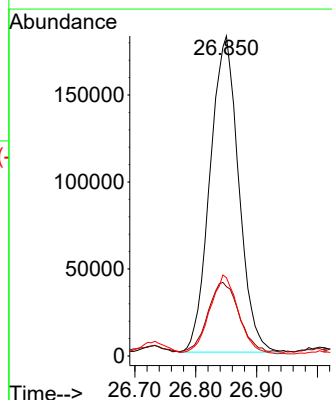
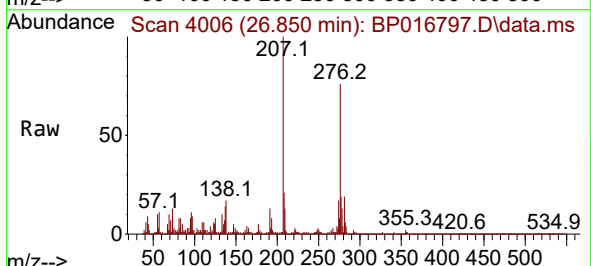
Tgt Ion:276 Resp: 594515

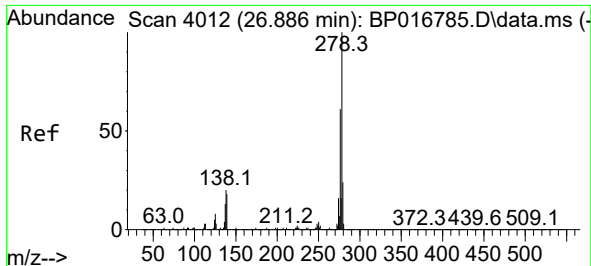
Ion Ratio Lower Upper

276 100

138 21.7 20.9 31.3

277 24.5 19.8 29.6

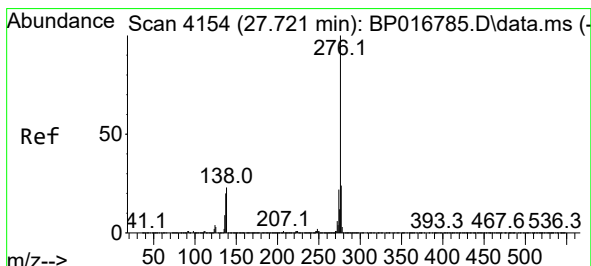
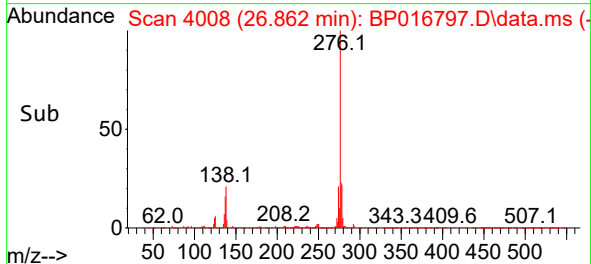
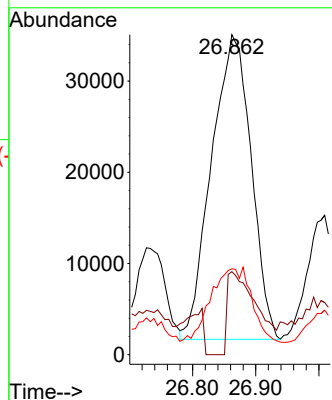
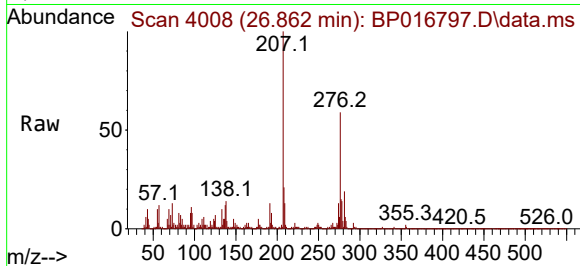




#95
Dibenzo(a,h)anthracene
Concen: 1.939 ng/ul
RT: 26.862 min Scan# 4012
Delta R.T. -0.024 min
Lab File: BP016797.D
Acq: 28 Aug 2023 18:09

Instrument :
BNA_P
ClientSampleId :
EZYJ7

Tgt Ion:278 Resp: 145823
Ion Ratio Lower Upper
278 100
139 25.9 15.0 22.6#
279 26.9 19.4 29.2



#96
Benzo(g,h,i)perylene
Concen: 8.012 ng/ul
RT: 27.697 min Scan# 4150
Delta R.T. -0.024 min
Lab File: BP016797.D
Acq: 28 Aug 2023 18:09

Tgt Ion:276 Resp: 550059
Ion Ratio Lower Upper
276 100
138 24.7 20.2 30.4
277 23.7 19.3 28.9

