

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121922\
 Data File : BP013172.D
 Acq On : 20 Dec 2022 18:12
 Operator : CG/JU
 Sample : N6009-03
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DBXZ1

Quant Time: Dec 20 21:48:25 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 19 21:43:11 2022
 Response via : Initial Calibration

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

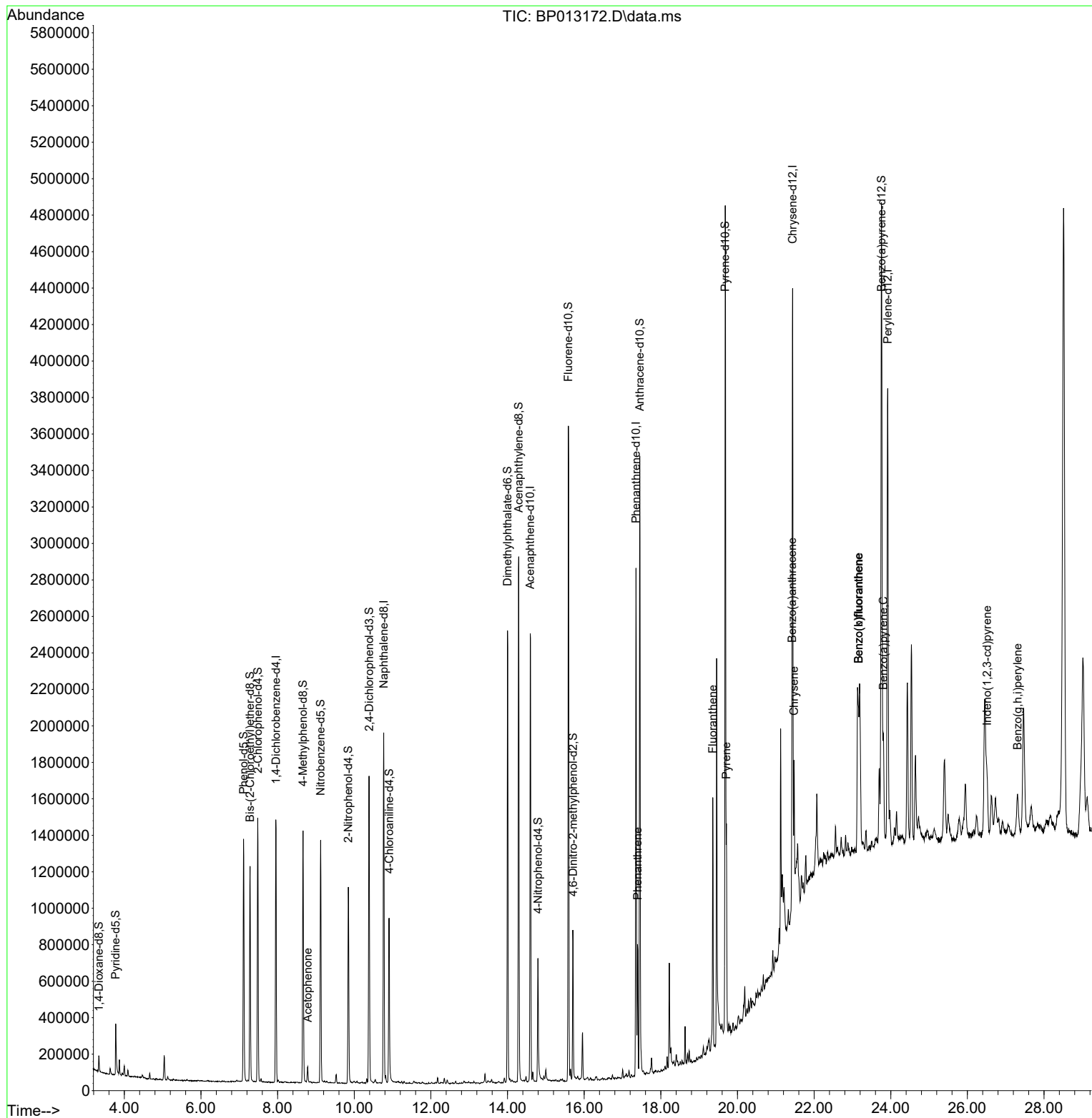
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.958	152	395951	20.000	ng/ul	0.00
20) Naphthalene-d8	10.769	136	1549220	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.593	164	849005	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.351	188	1638799	20.000	ng/ul	0.00
79) Chrysene-d12	21.439	240	1569342	20.000	ng/ul	0.00
88) Perylene-d12	23.922	264	1931991	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	39522	4.268	ng/uL	0.00
4) Pyridine-d5	3.776	84	142433	5.414	ng/ul	0.01
7) Phenol-d5	7.111	99	753733	23.371	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	505216	25.968	ng/ul	0.00
11) 2-Chlorophenol-d4	7.481	132	646249	25.454	ng/ul	0.00
15) 4-Methylphenol-d8	8.664	113	508781	19.253	ng/ul	0.00
21) Nitrobenzene-d5	9.122	128	310603	27.288	ng/ul	0.00
24) 2-Nitrophenol-d4	9.846	143	337981	26.375	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.387	165	612568	24.611	ng/ul	0.00
31) 4-Chloroaniline-d4	10.910	131	510132	14.518	ng/ul	0.00
46) Dimethylphthalate-d6	13.999	166	1674930	25.669	ng/ul	0.00
49) Acenaphthylene-d8	14.293	160	1927121	26.878	ng/ul	0.00
54) 4-Nitrophenol-d4	14.793	143	171436	14.606	ng/ul	0.00
60) Fluorene-d10	15.587	176	1428463	25.877	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.710	200	171696	16.281	ng/ul	0.00
73) Anthracene-d10	17.451	188	1948043	26.348	ng/ul	0.00
81) Pyrene-d10	19.681	212	2365206	26.257	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.757	264	2637111	27.385	ng/ul	0.00
Target Compounds						Qvalue
16) Acetophenone	8.787	105	43518	1.074	ng/ul#	88
72) Phenanthrene	17.392	178	440971	5.166	ng/ul	99
80) Fluoranthene	19.357	202	766426	7.496	ng/ul	98
82) Pyrene	19.710	202	644725	6.113	ng/ul	99
85) Benzo(a)anthracene	21.422	228	379653	3.644	ng/ul	98
87) Chrysene	21.475	228	444176	4.508	ng/ul	98
90) Benzo(b)fluoranthene	23.163	252	699191	5.675	ng/ul	97
91) Benzo(k)fluoranthene	23.163	252	699191	5.723	ng/ul	97
93) Benzo(a)pyrene	23.810	252	426032	3.972	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.510	276	348976	2.612	ng/ul#	95
96) Benzo(g,h,i)perylene	27.310	276	315525	2.941	ng/ul	99

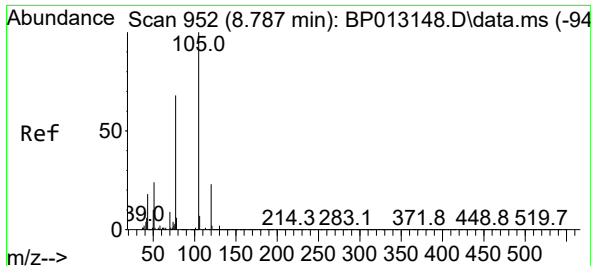
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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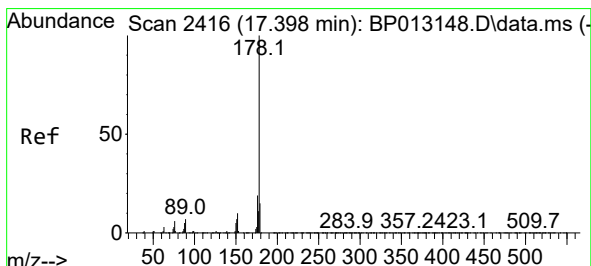
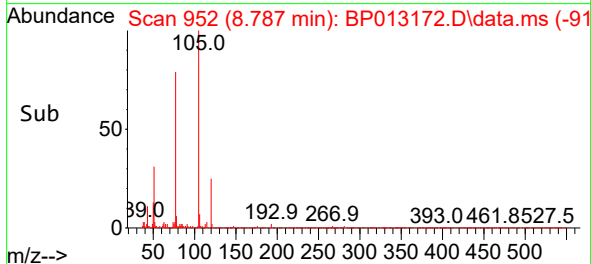
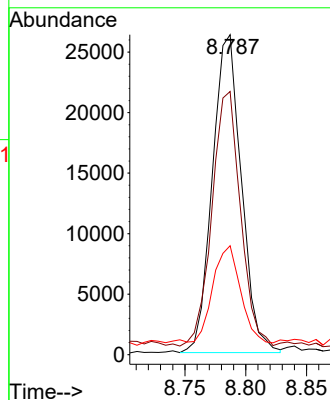
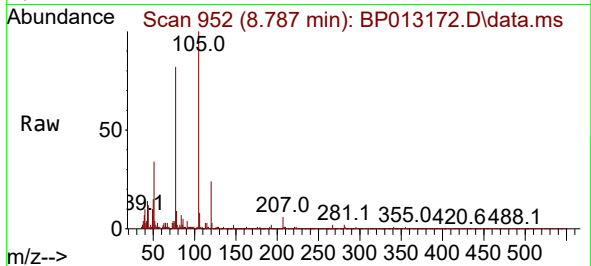




#16
Acetophenone
Concen: 1.074 ng/ul
RT: 8.787 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP013172.D
Acq: 20 Dec 2022 18:12

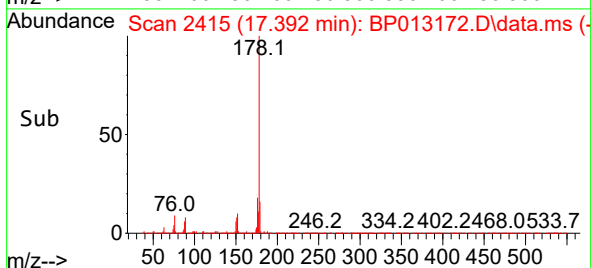
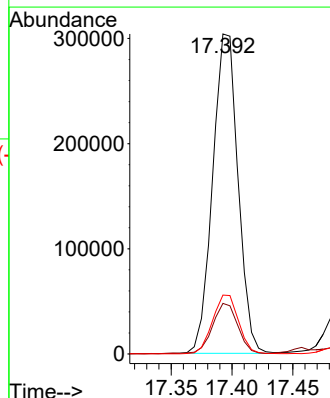
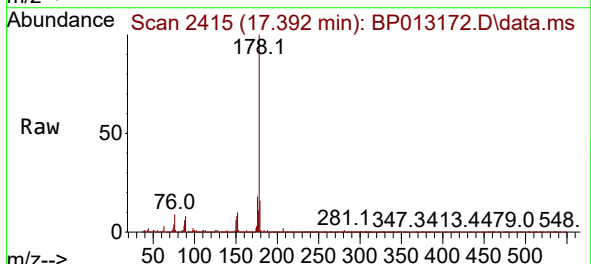
Instrument :
BNA_P
ClientSampleId :
DBXZ1

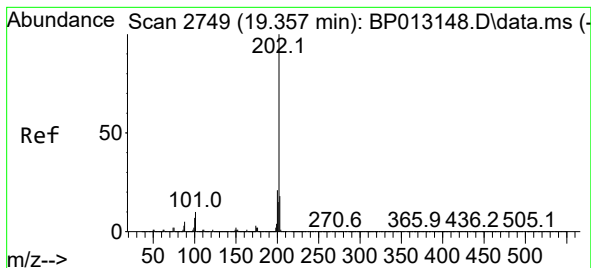
Tgt Ion:105 Resp: 43518
Ion Ratio Lower Upper
105 100
77 82.3 59.3 88.9
51 34.0 19.6 29.4#



#72
Phenanthrene
Concen: 5.166 ng/ul
RT: 17.392 min Scan# 2415
Delta R.T. -0.006 min
Lab File: BP013172.D
Acq: 20 Dec 2022 18:12

Tgt Ion:178 Resp: 440971
Ion Ratio Lower Upper
178 100
179 15.8 12.5 18.7
176 18.4 15.4 23.0





#80

Fluoranthene

Concen: 7.496 ng/ul

RT: 19.357 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP013172.D

Acq: 20 Dec 2022 18:12

Instrument :

BNA_P

ClientSampleId :

DBXZ1

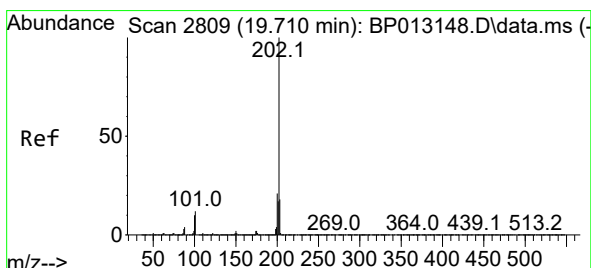
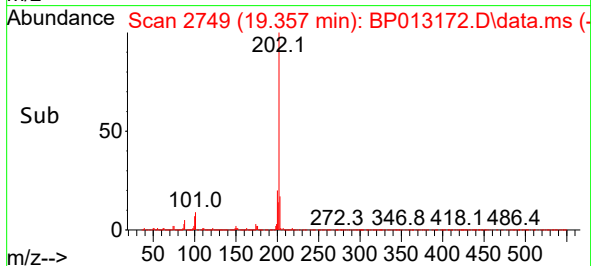
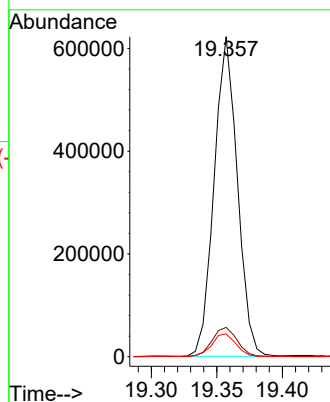
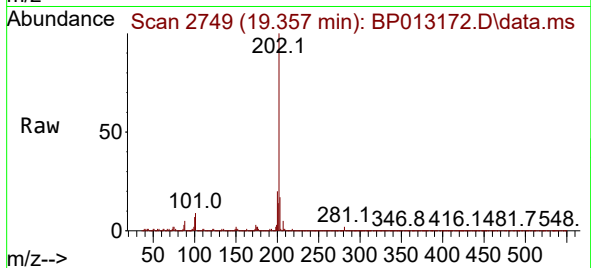
Tgt Ion:202 Resp: 766426

Ion Ratio Lower Upper

202 100

101 9.1 8.2 12.2

100 7.1 6.1 9.1



#82

Pyrene

Concen: 6.113 ng/ul

RT: 19.710 min Scan# 2809

Delta R.T. -0.006 min

Lab File: BP013172.D

Acq: 20 Dec 2022 18:12

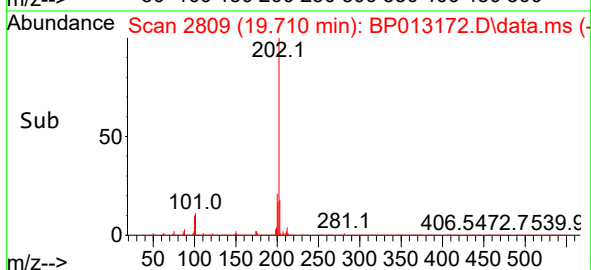
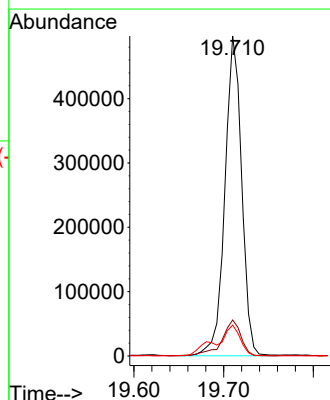
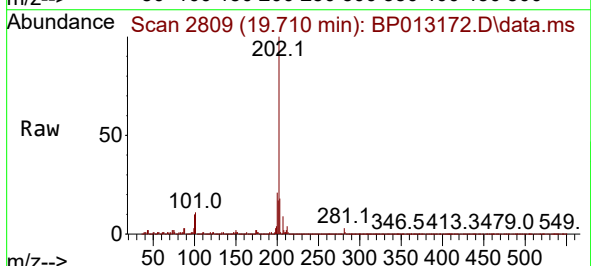
Tgt Ion:202 Resp: 644725

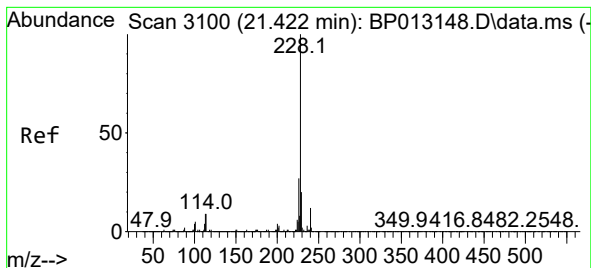
Ion Ratio Lower Upper

202 100

101 11.3 9.4 14.2

100 9.7 7.8 11.8





#85

Benzo(a)anthracene

Concen: 3.644 ng/ul

RT: 21.422 min Scan# 3100

Delta R.T. 0.000 min

Lab File: BP013172.D

Acq: 20 Dec 2022 18:12

Instrument :

BNA_P

ClientSampleId :

DBXZ1

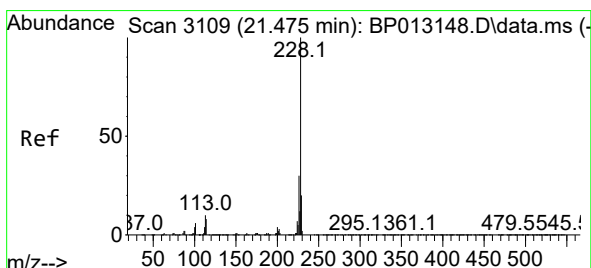
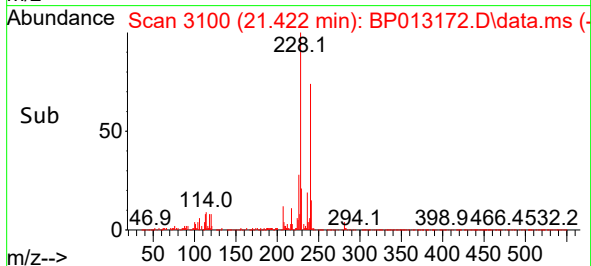
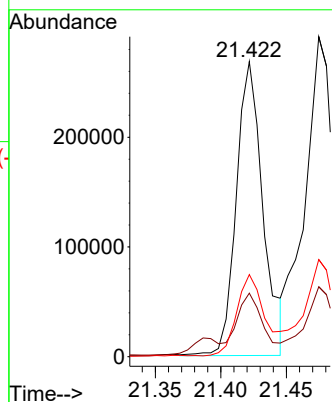
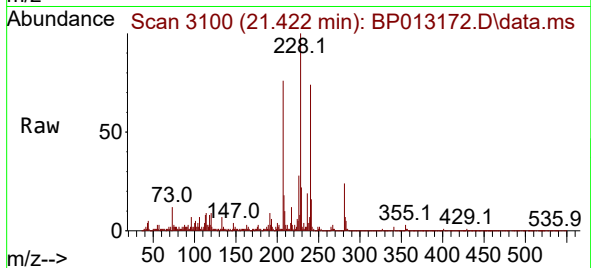
Tgt Ion:228 Resp: 379653

Ion Ratio Lower Upper

228 100

229 21.5 16.1 24.1

226 27.8 22.0 33.0



#87

Chrysene

Concen: 4.508 ng/ul

RT: 21.475 min Scan# 3109

Delta R.T. -0.006 min

Lab File: BP013172.D

Acq: 20 Dec 2022 18:12

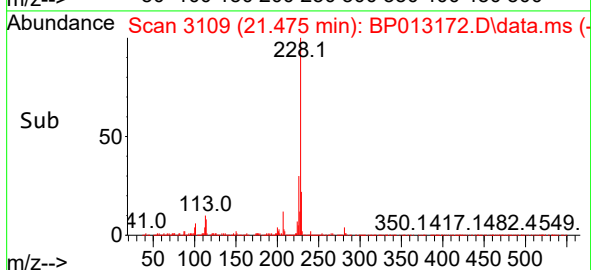
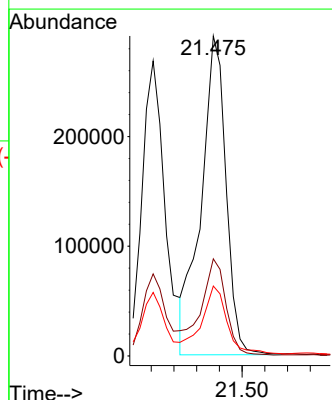
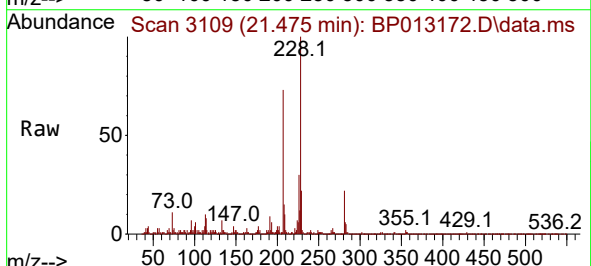
Tgt Ion:228 Resp: 444176

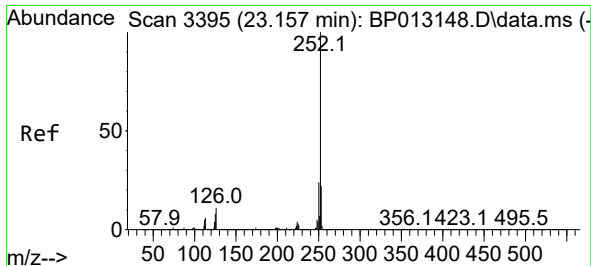
Ion Ratio Lower Upper

228 100

226 30.4 24.5 36.7

229 21.9 16.0 24.0

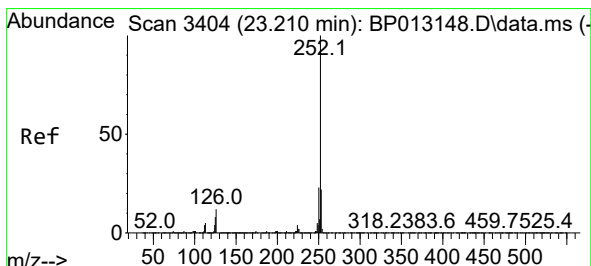
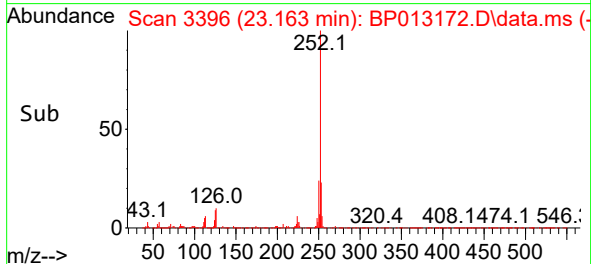
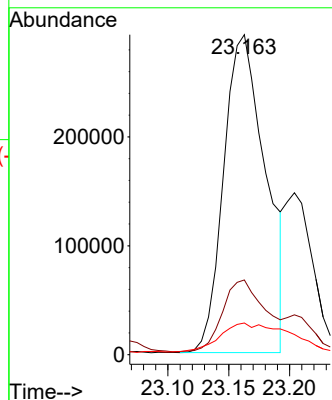
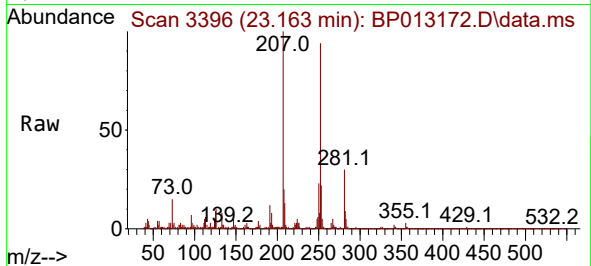




#90
Benzo(b)fluoranthene
Concen: 5.675 ng/ul
RT: 23.163 min Scan# 3396
Delta R.T. 0.000 min
Lab File: BP013172.D
Acq: 20 Dec 2022 18:12

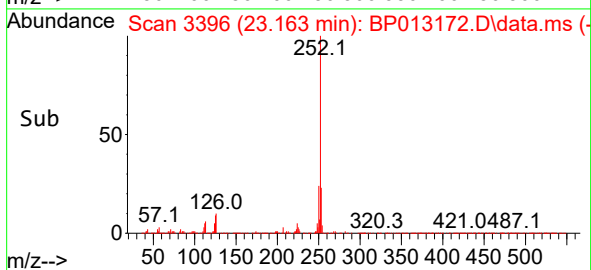
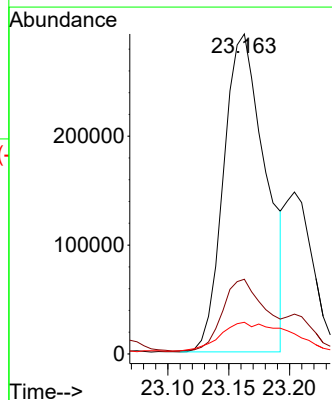
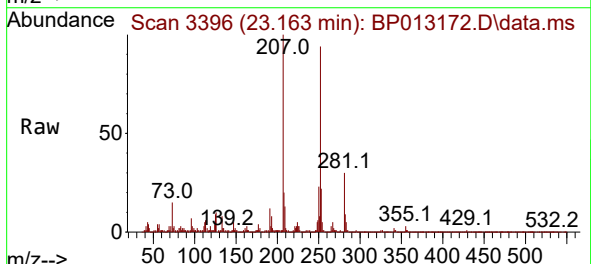
Instrument :
BNA_P
ClientSampleId :
DBXZ1

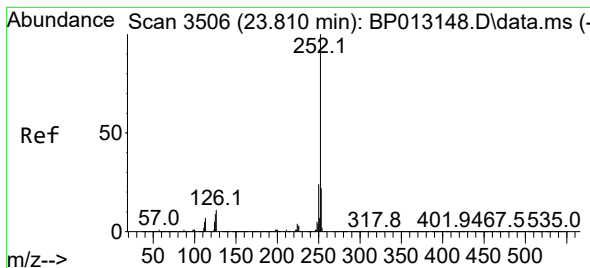
Tgt Ion:252 Resp: 699191
Ion Ratio Lower Upper
252 100
253 23.3 17.7 26.5
125 9.9 6.8 10.2



#91
Benzo(k)fluoranthene
Concen: 5.723 ng/ul
RT: 23.163 min Scan# 3396
Delta R.T. -0.047 min
Lab File: BP013172.D
Acq: 20 Dec 2022 18:12

Tgt Ion:252 Resp: 699191
Ion Ratio Lower Upper
252 100
253 23.3 17.7 26.5
125 9.9 6.8 10.2





#93

Benzo(a)pyrene

Concen: 3.972 ng/ul

RT: 23.810 min Scan# 3506

Delta R.T. 0.000 min

Lab File: BP013172.D

Acq: 20 Dec 2022 18:12

Instrument :

BNP_P

ClientSampleId :

DBXZ1

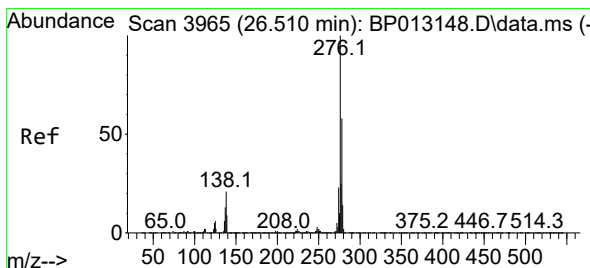
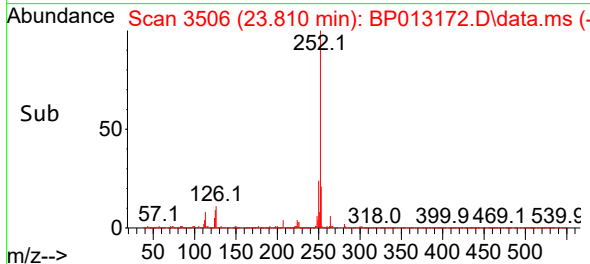
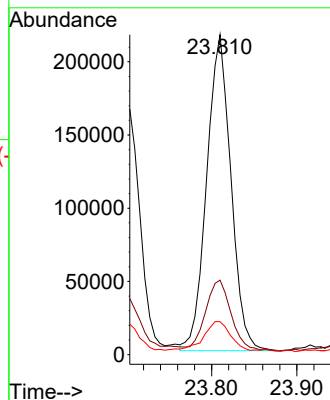
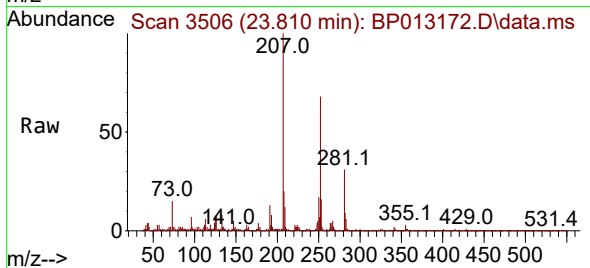
Tgt Ion:252 Resp: 426032

Ion Ratio Lower Upper

252 100

253 23.3 17.5 26.3

125 10.3 7.5 11.3



#94

Indeno(1,2,3-cd)pyrene

Concen: 2.612 ng/ul

RT: 26.510 min Scan# 3965

Delta R.T. -0.006 min

Lab File: BP013172.D

Acq: 20 Dec 2022 18:12

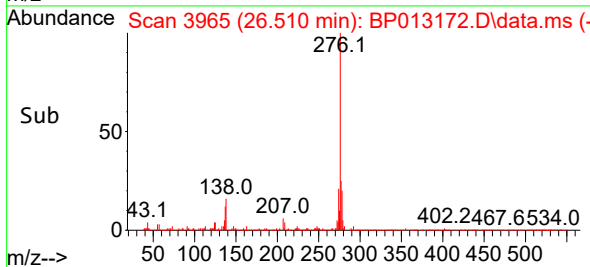
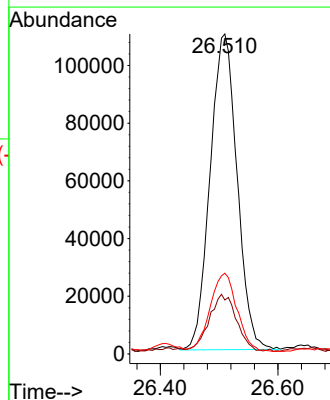
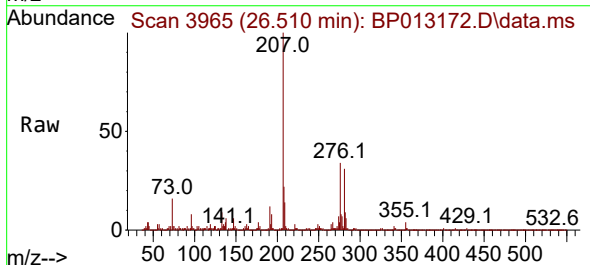
Tgt Ion:276 Resp: 348976

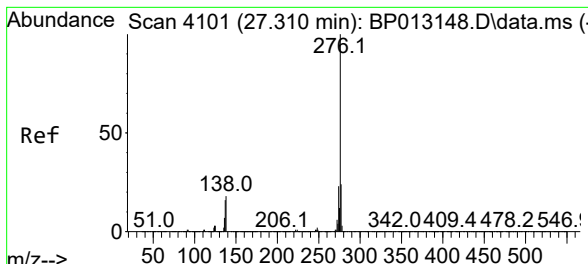
Ion Ratio Lower Upper

276 100

138 16.9 17.1 25.7#

277 25.3 20.0 30.0





#96
 Benzo(g,h,i)perylene
 Concen: 2.941 ng/ul
 RT: 27.310 min Scan# 4101
 Delta R.T. -0.006 min
 Lab File: BP013172.D
 Acq: 20 Dec 2022 18:12

Instrument :
 BNA_P
 ClientSampleId :
 DBXZ1

Tgt Ion: 276 Resp: 315525

Ion	Ratio	Lower	Upper
276	100		
138	19.8	15.4	23.2
277	23.9	19.1	28.7

