

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122422\
 Data File : BP013312.D
 Acq On : 24 Dec 2022 22:35
 Operator : CG/JU
 Sample : N6016-16
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 25 00:25:22 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Dec 24 00:19:17 2022
 Response via : Initial Calibration

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

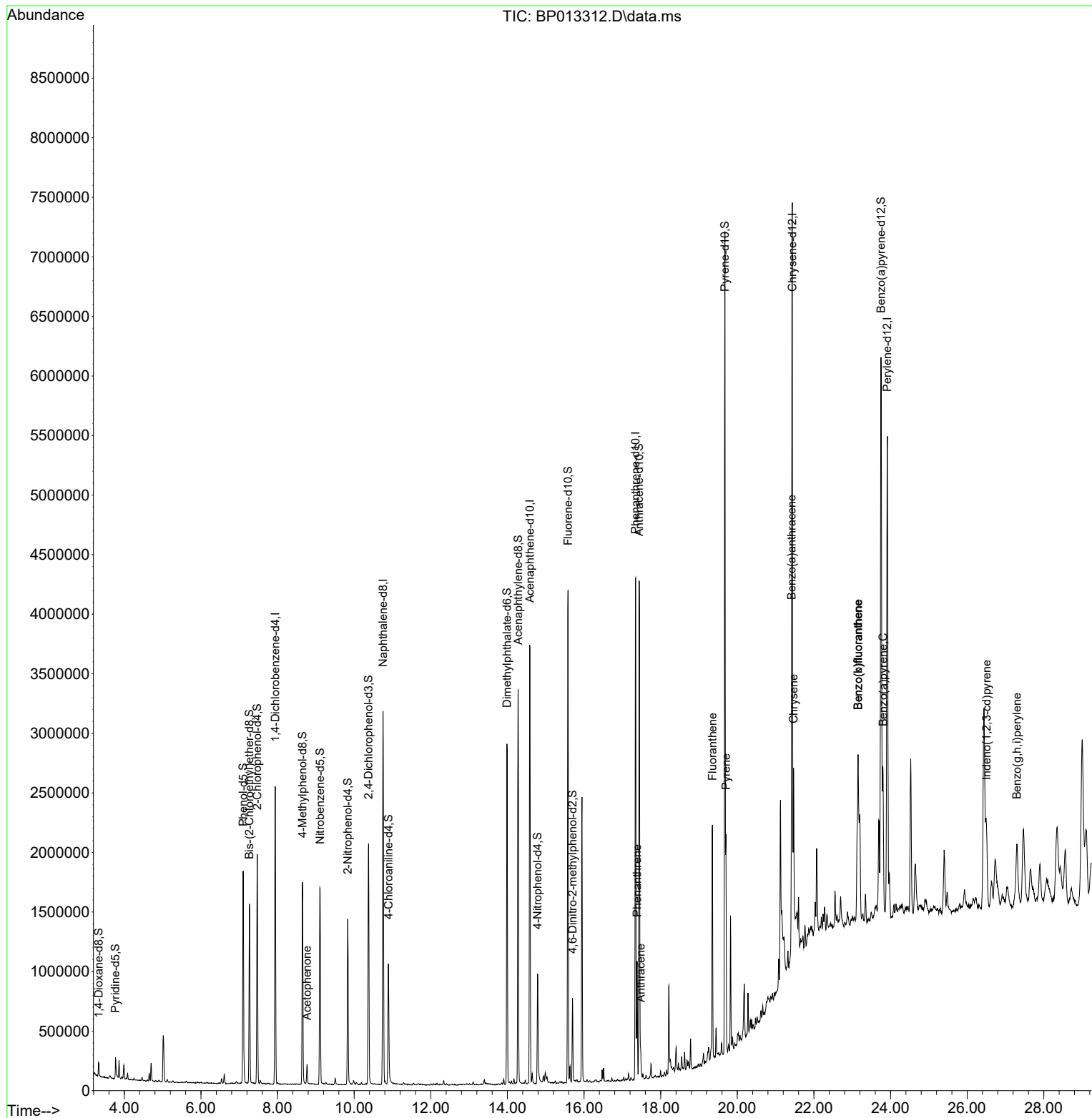
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	668349	20.000	ng/ul	0.00
20) Naphthalene-d8	10.751	136	2525017	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.586	164	1294420	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.345	188	2582670	20.000	ng/ul	0.00
79) Chrysene-d12	21.433	240	2882494	20.000	ng/ul	0.00
88) Perylene-d12	23.915	264	3348532	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.328	96	52071	3.331	ng/uL	0.00
4) Pyridine-d5	3.769	84	82989	1.869	ng/ul	0.01
7) Phenol-d5	7.098	99	992335	18.229	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.263	67	661624	20.147	ng/ul	0.00
11) 2-Chlorophenol-d4	7.469	132	838920	19.576	ng/ul	0.00
15) 4-Methylphenol-d8	8.651	113	620045	13.901	ng/ul	0.00
21) Nitrobenzene-d5	9.110	128	395121	21.298	ng/ul	0.00
24) 2-Nitrophenol-d4	9.834	143	438794	21.009	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.375	165	763507	18.820	ng/ul	0.00
31) 4-Chloroaniline-d4	10.892	131	569148	9.938	ng/ul	0.00
46) Dimethylphthalate-d6	13.992	166	1992502	20.029	ng/ul	0.00
49) Acenaphthylene-d8	14.280	160	2239864	20.490	ng/ul	0.00
54) 4-Nitrophenol-d4	14.786	143	234990	13.132	ng/ul	0.00
60) Fluorene-d10	15.580	176	1643855	19.532	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.698	200	149993	9.025	ng/ul	0.00
73) Anthracene-d10	17.439	188	2400009	20.598	ng/ul	0.00
81) Pyrene-d10	19.674	212	3405058	20.580	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.751	264	3639521	21.806	ng/ul	0.00
Target Compounds						Qvalue
16) Acetophenone	8.769	105	82417	1.205	ng/ul	93
72) Phenanthrene	17.386	178	615957	4.579	ng/ul	99
74) Anthracene	17.474	178	146088	1.088	ng/ul	99
80) Fluoranthene	19.351	202	1130413	6.020	ng/ul	98
82) Pyrene	19.704	202	1056352	5.453	ng/ul	97
85) Benzo(a)anthracene	21.415	228	872439	4.559	ng/ul	99
87) Chrysene	21.468	228	826285	4.566	ng/ul	98
90) Benzo(b)fluoranthene	23.151	252	1350592	6.325	ng/ul	98
91) Benzo(k)fluoranthene	23.151	252	1350592	6.379	ng/ul	98
93) Benzo(a)pyrene	23.803	252	947136	5.094	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.503	276	741622	3.202	ng/ul#	95
96) Benzo(g,h,i)perylene	27.297	276	714112	3.841	ng/ul	99

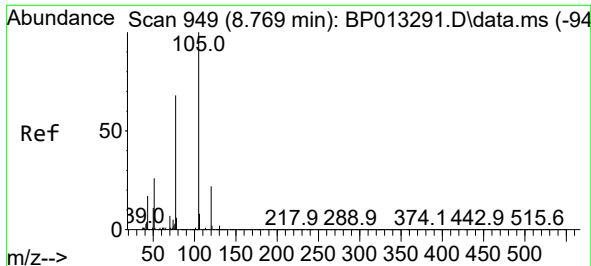
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122422\
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Response via : Initial Calibration

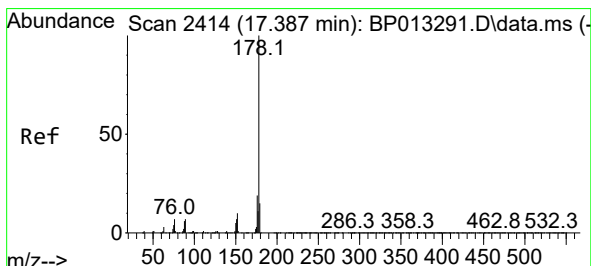
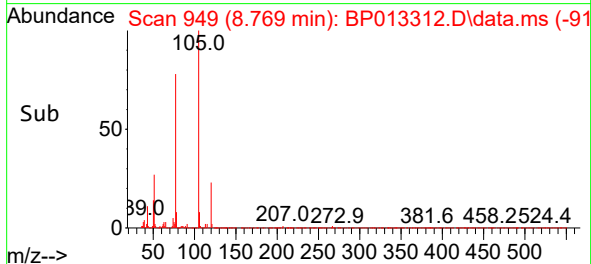
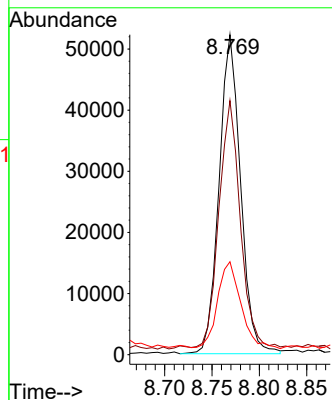
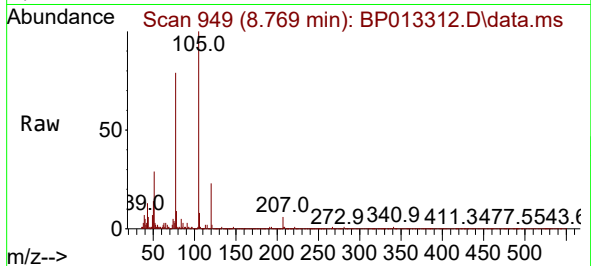




#16
Acetophenone
Concen: 1.205 ng/ul
RT: 8.769 min Scan# 949
Delta R.T. -0.006 min
Lab File: BP013312.D
Acq: 24 Dec 2022 22:35

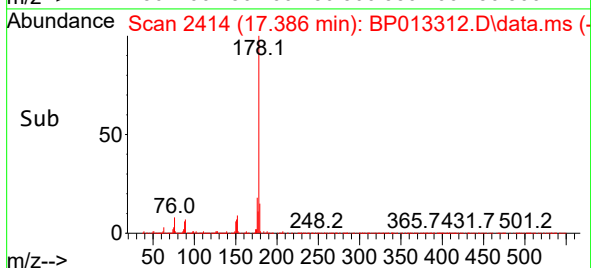
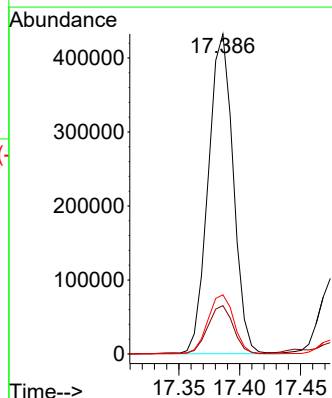
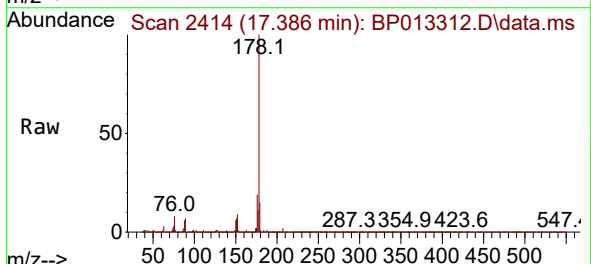
Instrument :
BNA_P
ClientSampleId :

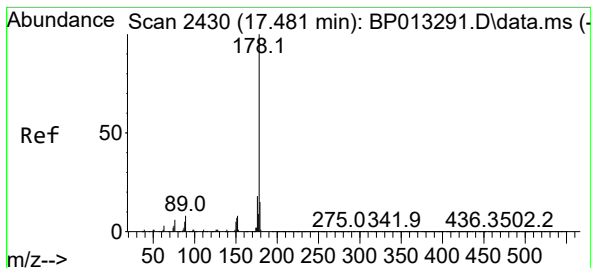
Tgt Ion:105 Resp: 82417
Ion Ratio Lower Upper
105 100
77 79.4 59.3 88.9
51 29.0 19.6 29.4



#72
Phenanthrene
Concen: 4.579 ng/ul
RT: 17.386 min Scan# 2414
Delta R.T. -0.000 min
Lab File: BP013312.D
Acq: 24 Dec 2022 22:35

Tgt Ion:178 Resp: 615957
Ion Ratio Lower Upper
178 100
179 15.1 12.5 18.7
176 18.5 15.4 23.0





#74

Anthracene

Concen: 1.088 ng/ul

RT: 17.474 min Scan# 2430

Delta R.T. -0.006 min

Lab File: BP013312.D

Acq: 24 Dec 2022 22:35

Instrument :

BNA_P

ClientSampleId :

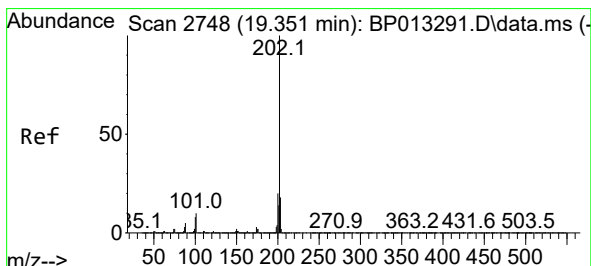
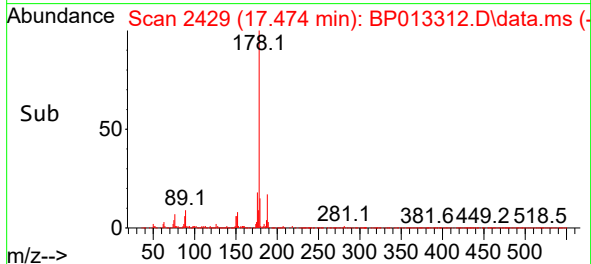
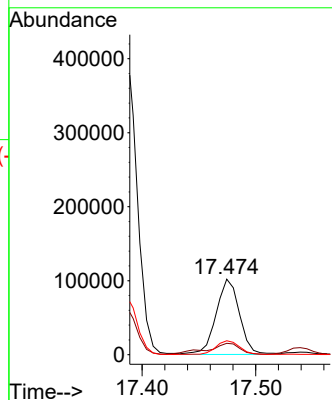
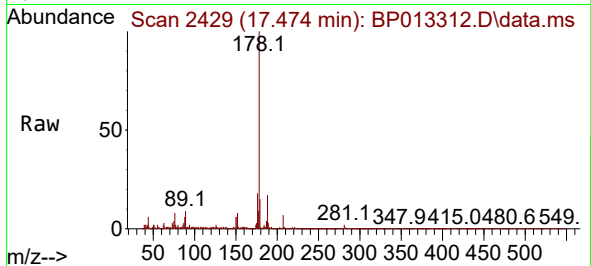
Tgt Ion:178 Resp: 146088

Ion Ratio Lower Upper

178 100

179 15.1 12.5 18.7

176 18.5 14.8 22.2



#80

Fluoranthene

Concen: 6.020 ng/ul

RT: 19.351 min Scan# 2748

Delta R.T. -0.000 min

Lab File: BP013312.D

Acq: 24 Dec 2022 22:35

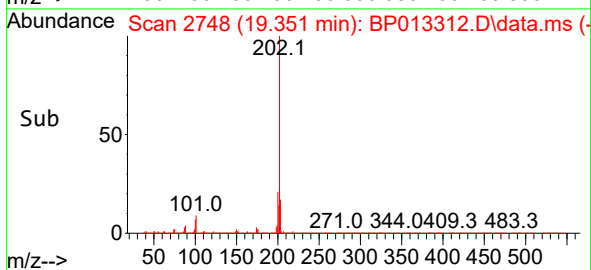
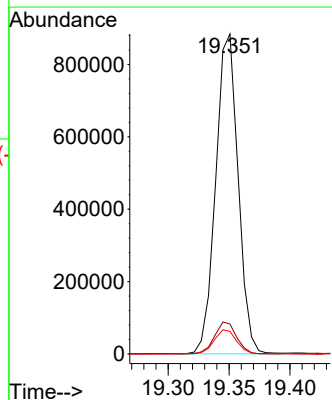
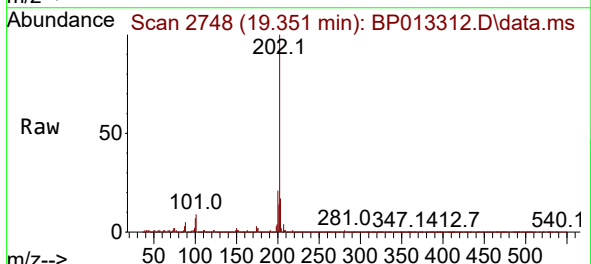
Tgt Ion:202 Resp: 1130413

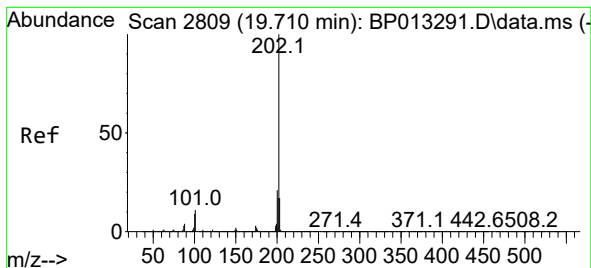
Ion Ratio Lower Upper

202 100

101 9.4 8.2 12.2

100 7.1 6.1 9.1





#82

Pyrene

Concen: 5.453 ng/ul

RT: 19.704 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP013312.D

Acq: 24 Dec 2022 22:35

Instrument :

BNA_P

ClientSampleId :

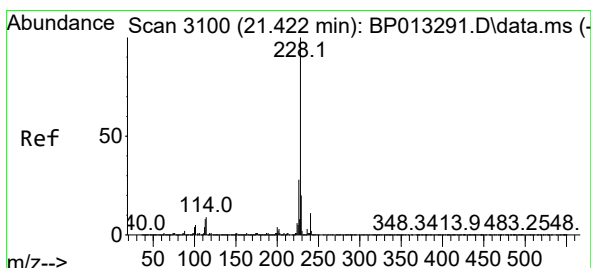
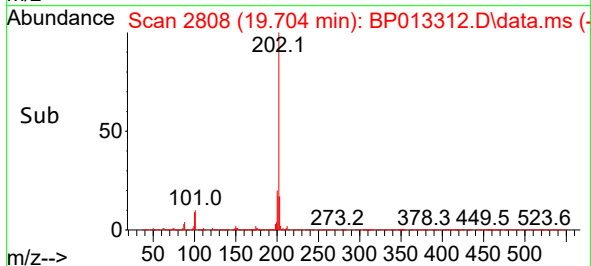
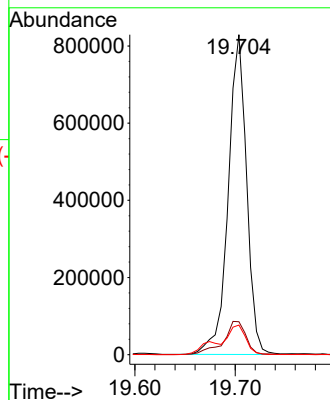
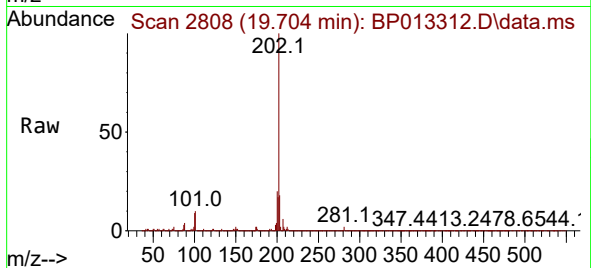
Tgt Ion:202 Resp: 1056352

Ion Ratio Lower Upper

202 100

101 10.3 9.4 14.2

100 9.3 7.8 11.8



#85

Benzo(a)anthracene

Concen: 4.559 ng/ul

RT: 21.415 min Scan# 3099

Delta R.T. -0.006 min

Lab File: BP013312.D

Acq: 24 Dec 2022 22:35

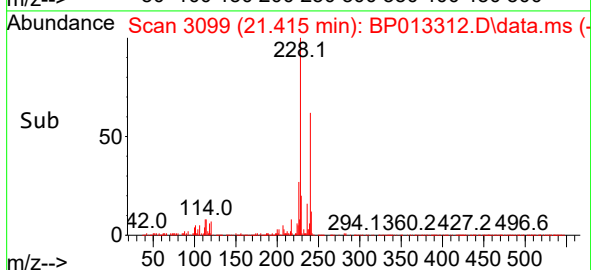
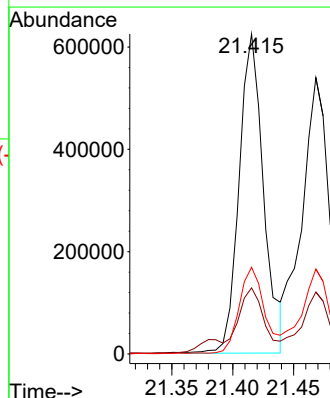
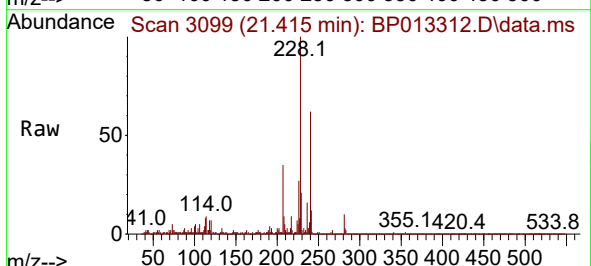
Tgt Ion:228 Resp: 872439

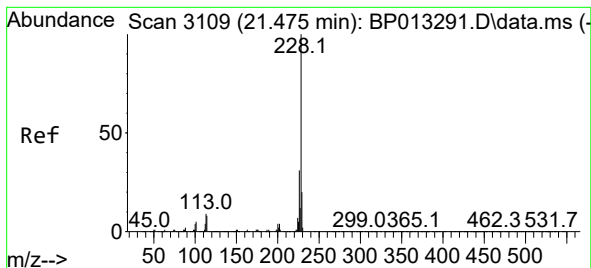
Ion Ratio Lower Upper

228 100

229 20.7 16.1 24.1

226 27.1 22.0 33.0





#87

Chrysene

Concen: 4.566 ng/ul

RT: 21.468 min Scan# 3109

Delta R.T. -0.006 min

Lab File: BP013312.D

Acq: 24 Dec 2022 22:35

Instrument :

BNA_P

ClientSampleId :

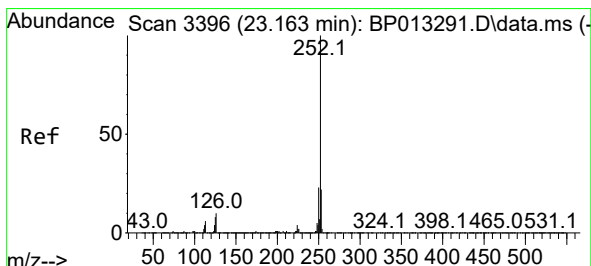
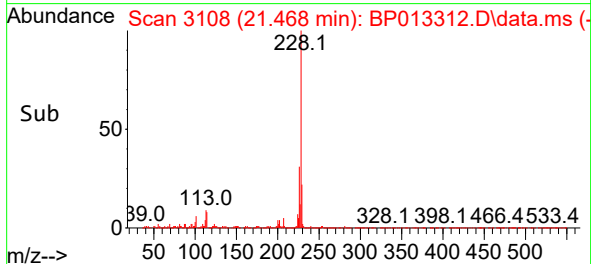
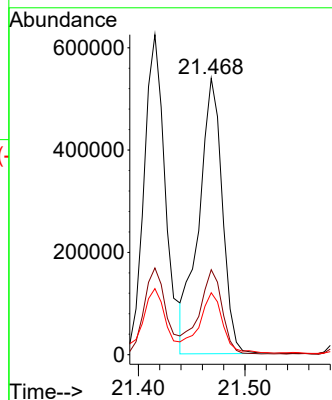
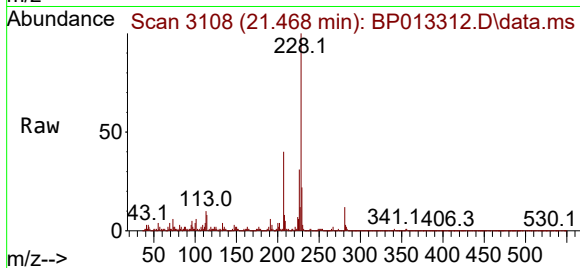
Tgt Ion:228 Resp: 826285

Ion Ratio Lower Upper

228 100

226 30.8 24.5 36.7

229 22.4 16.0 24.0



#90

Benzo(b)fluoranthene

Concen: 6.325 ng/ul

RT: 23.151 min Scan# 3394

Delta R.T. -0.006 min

Lab File: BP013312.D

Acq: 24 Dec 2022 22:35

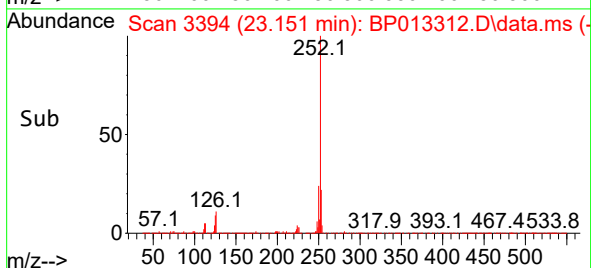
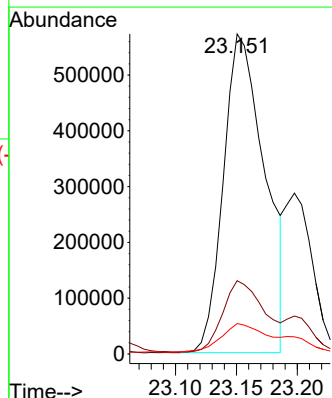
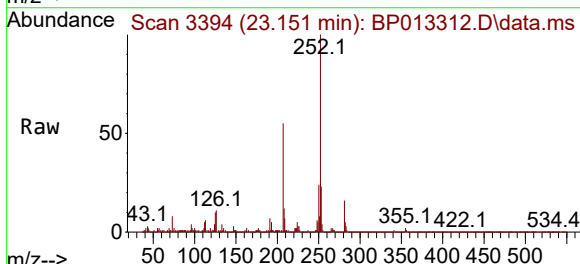
Tgt Ion:252 Resp: 1350592

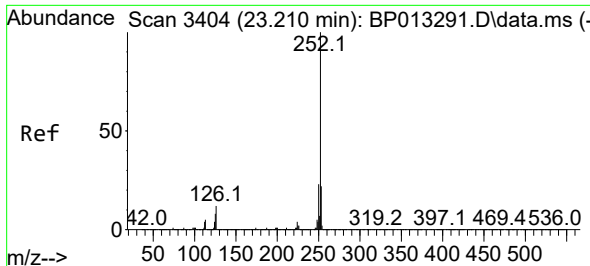
Ion Ratio Lower Upper

252 100

253 22.9 17.7 26.5

125 9.5 6.8 10.2

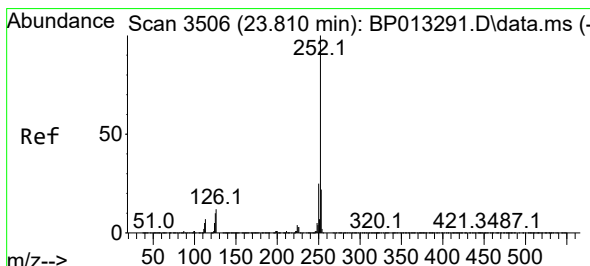
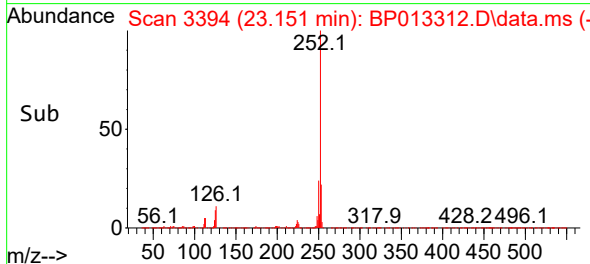
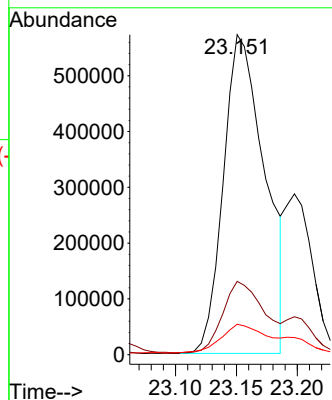
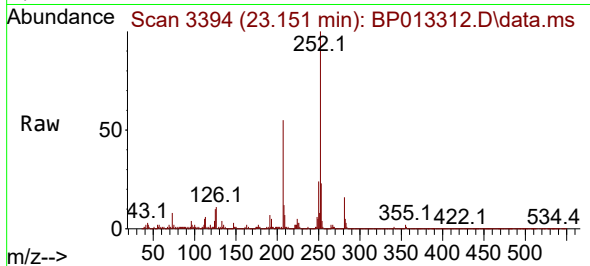




#91
Benzo(k)fluoranthene
Concen: 6.379 ng/ul
RT: 23.151 min Scan# 31
Delta R.T. -0.053 min
Lab File: BP013312.D
Acq: 24 Dec 2022 22:35

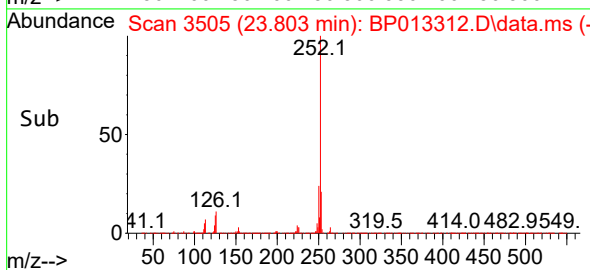
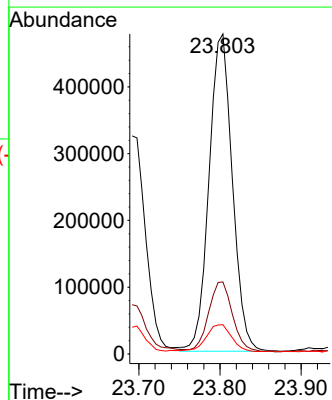
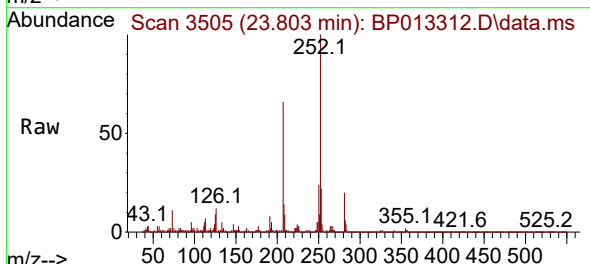
Instrument :
BNA_P
ClientSampleId :

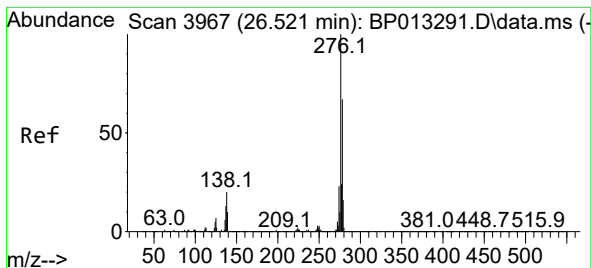
Tgt Ion:252 Resp: 1350592
Ion Ratio Lower Upper
252 100
253 22.9 17.7 26.5
125 9.5 6.8 10.2



#93
Benzo(a)pyrene
Concen: 5.094 ng/ul
RT: 23.803 min Scan# 3505
Delta R.T. -0.006 min
Lab File: BP013312.D
Acq: 24 Dec 2022 22:35

Tgt Ion:252 Resp: 947136
Ion Ratio Lower Upper
252 100
253 22.5 17.5 26.3
125 9.2 7.5 11.3





#94

Indeno(1,2,3-cd)pyrene

Concen: 3.202 ng/ul

RT: 26.503 min Scan# 3964

Delta R.T. -0.012 min

Lab File: BP013312.D

Acq: 24 Dec 2022 22:35

Instrument :

BNA_P

ClientSampleId :

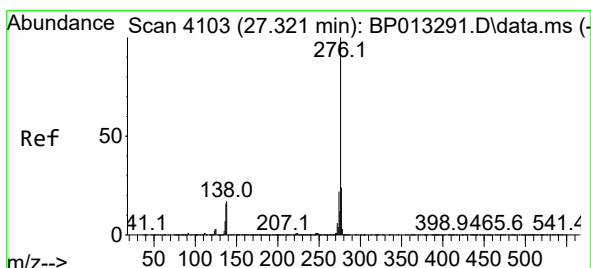
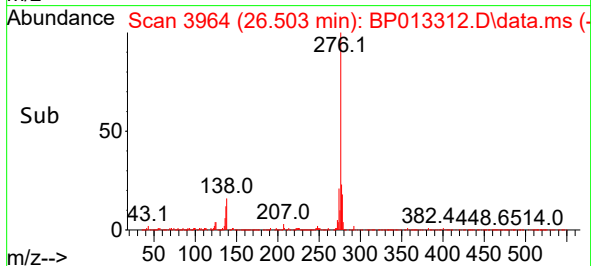
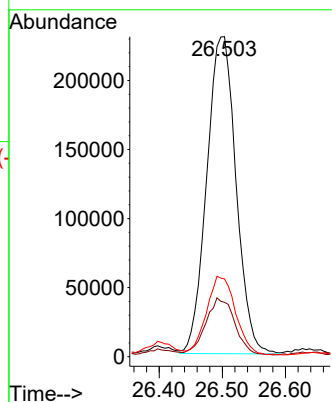
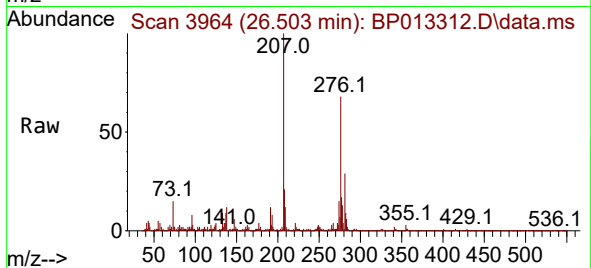
Tgt Ion:276 Resp: 741622

Ion Ratio Lower Upper

276 100

138 17.0 17.1 25.7#

277 24.3 20.0 30.0



#96

Benzo(g,h,i)perylene

Concen: 3.841 ng/ul

RT: 27.297 min Scan# 4099

Delta R.T. -0.012 min

Lab File: BP013312.D

Acq: 24 Dec 2022 22:35

Tgt Ion:276 Resp: 714112

Ion Ratio Lower Upper

276 100

138 18.6 15.4 23.2

277 24.5 19.1 28.7

