

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081423\
 Data File : BP016570.D
 Acq On : 14 Aug 2023 20:07
 Operator : MA/JU
 Sample : 03965-10
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A48J3

Quant Time: Aug 14 23:40:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 14 18:26:05 2023
 Response via : Initial Calibration

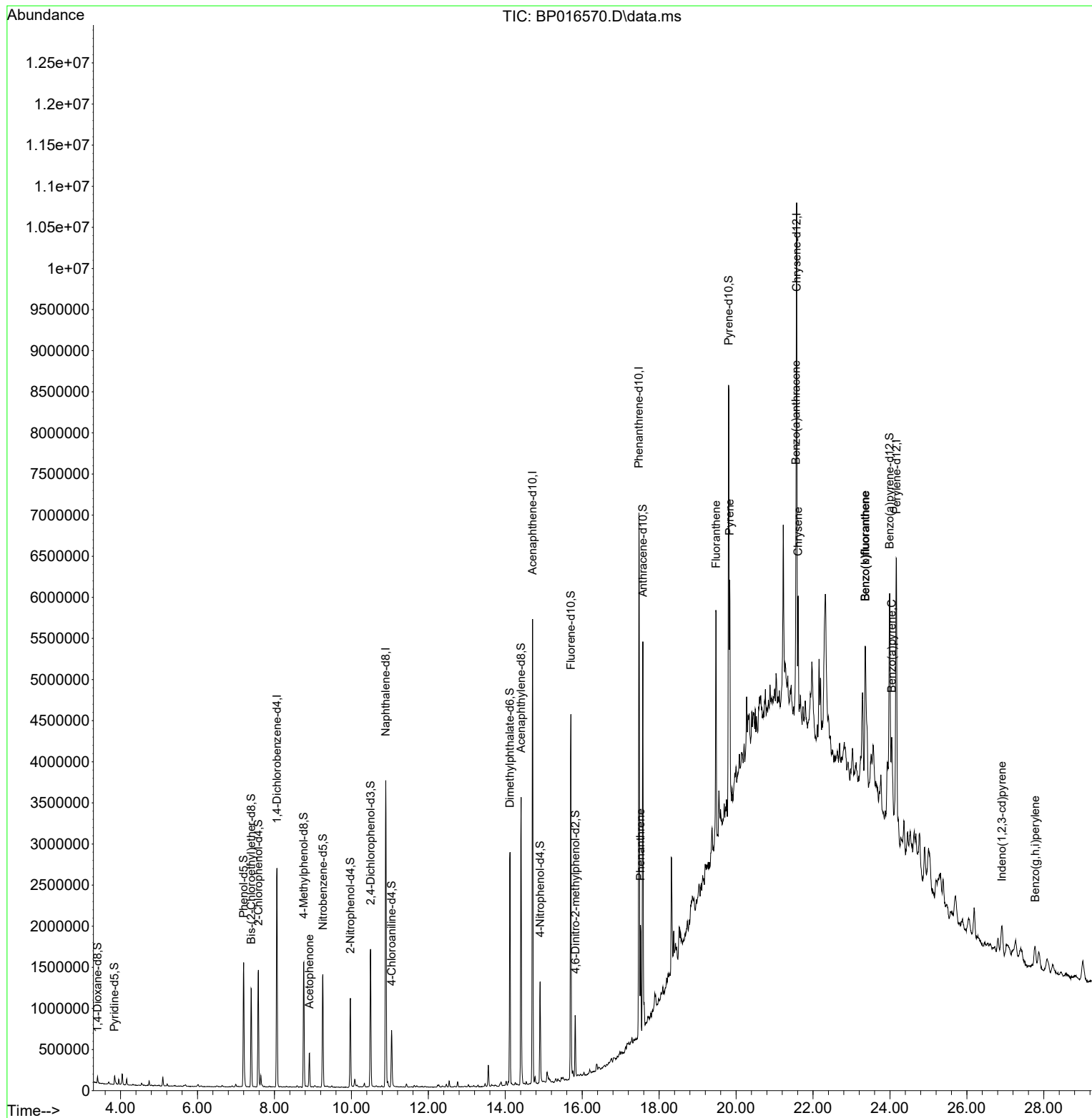
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.064	152	680305	20.000	ng/ul	0.00
20) Naphthalene-d8	10.893	136	2949090	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.710	164	1738634	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.475	188	3593529	20.000	ng/ul	0.00
79) Chrysene-d12	21.575	240	2629356	20.000	ng/ul	0.00
88) Perylene-d12	24.169	264	2513709	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	42560	2.377	ng/uL	0.00
4) Pyridine-d5	3.840	84	59815	1.098	ng/ul	0.00
7) Phenol-d5	7.199	99	834253	13.301	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.393	67	544567	13.183	ng/ul	0.00
11) 2-Chlorophenol-d4	7.581	132	627406	13.927	ng/ul	0.00
15) 4-Methylphenol-d8	8.758	113	578142	11.593	ng/ul	0.00
21) Nitrobenzene-d5	9.258	128	309943	14.937	ng/ul	0.00
24) 2-Nitrophenol-d4	9.975	143	318715	16.171	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.499	165	581467	14.992	ng/ul	0.00
31) 4-Chloroaniline-d4	11.046	131	369193	5.548	ng/ul	0.00
46) Dimethylphthalate-d6	14.122	166	1794742	14.272	ng/ul	0.00
49) Acenaphthylene-d8	14.410	160	2136383	15.051	ng/ul	0.00
54) 4-Nitrophenol-d4	14.904	143	270096	10.543	ng/ul	0.00
60) Fluorene-d10	15.704	176	1621591	15.126	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.822	200	132342	7.741	ng/ul	0.00
73) Anthracene-d10	17.575	188	2399939	15.440	ng/ul	0.00
81) Pyrene-d10	19.810	212	2522561	18.310	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.992	264	1906924	15.829	ng/ul	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.911	105	214982	2.669	ng/ul	98
72) Phenanthrene	17.516	178	754938	3.988	ng/ul	100
80) Fluoranthene	19.481	202	1644529	10.001	ng/ul	99
82) Pyrene	19.834	202	1444186	8.317	ng/ul	99
85) Benzo(a)anthracene	21.557	228	754480	4.270	ng/ul	97
87) Chrysene	21.610	228	851162	5.147	ng/ul	97
90) Benzo(b)fluoranthene	23.357	252	969194	6.475	ng/ul#	89
91) Benzo(k)fluoranthene	23.357	252	969194	6.527	ng/ul#	90
93) Benzo(a)pyrene	24.045	252	600736	4.255	ng/ul#	92
94) Indeno(1,2,3-cd)pyrene	26.910	276	400734	2.405	ng/ul	97
96) Benzo(g,h,i)perylene	27.774	276	336564	2.538	ng/ul	99

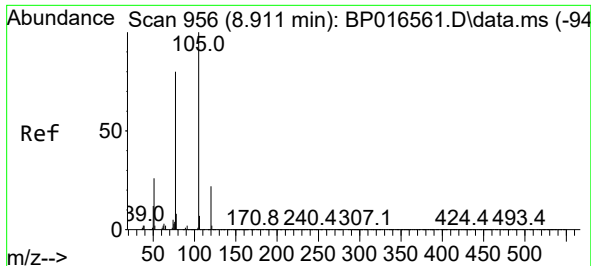
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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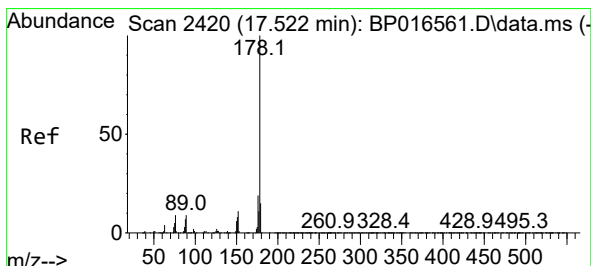
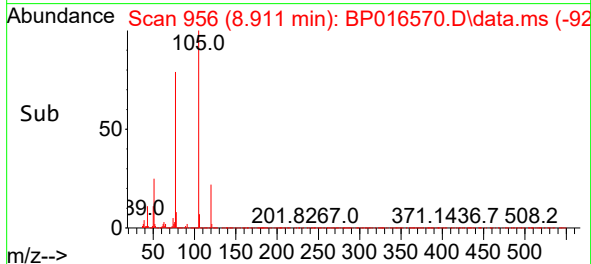
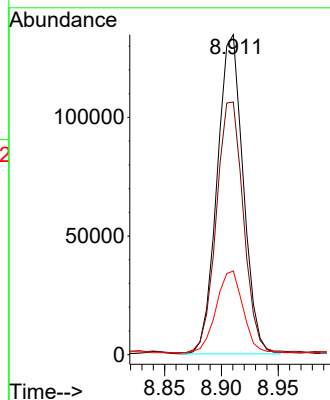
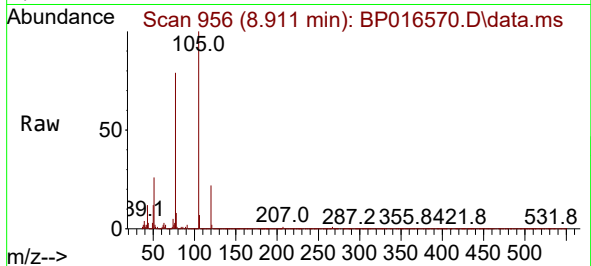




#16
Acetophenone
Concen: 2.669 ng/ul
RT: 8.911 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP016570.D
Acq: 14 Aug 2023 20:07

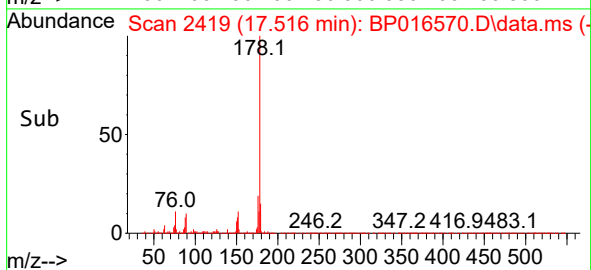
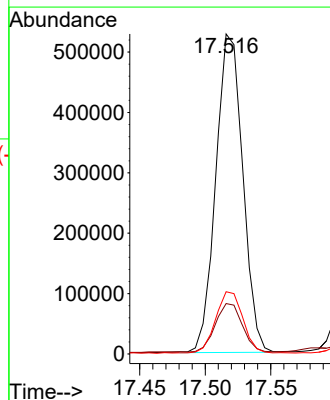
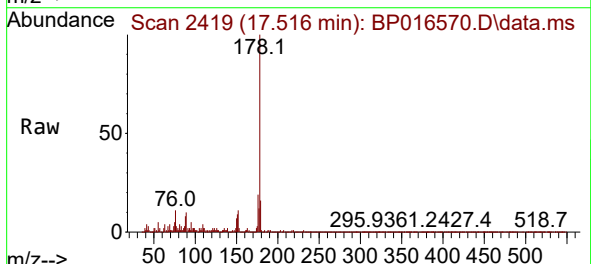
Instrument :
BNA_P
ClientSampleId :
A48J3

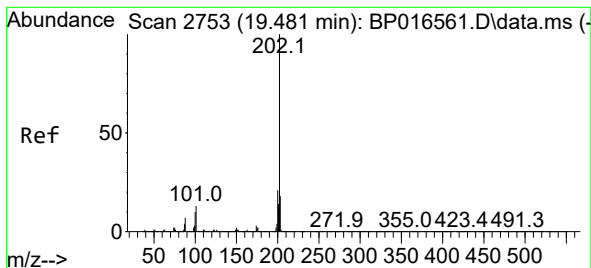
Tgt Ion:105 Resp: 214982
Ion Ratio Lower Upper
105 100
77 78.9 64.4 96.6
51 26.1 21.2 31.8



#72
Phenanthrene
Concen: 3.988 ng/ul
RT: 17.516 min Scan# 2419
Delta R.T. -0.006 min
Lab File: BP016570.D
Acq: 14 Aug 2023 20:07

Tgt Ion:178 Resp: 754938
Ion Ratio Lower Upper
178 100
179 15.7 12.4 18.6
176 19.4 15.5 23.3





#80

Fluoranthene

Concen: 10.001 ng/ul

RT: 19.481 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP016570.D

Acq: 14 Aug 2023 20:07

Instrument :

BNA_P

ClientSampleId :

A48J3

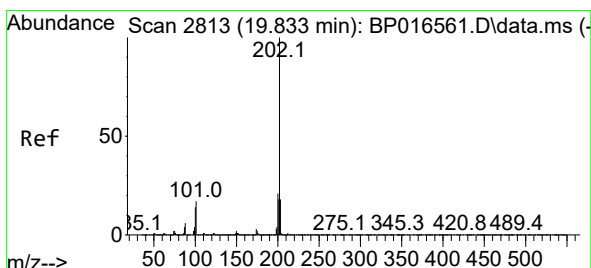
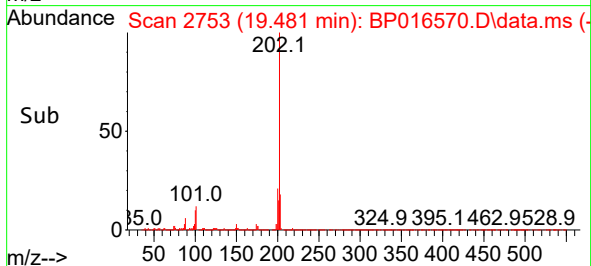
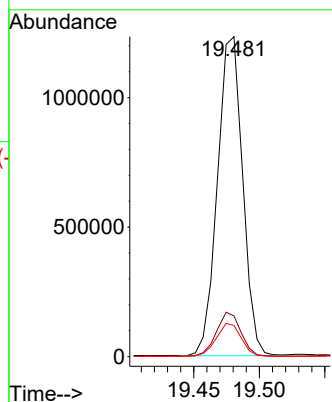
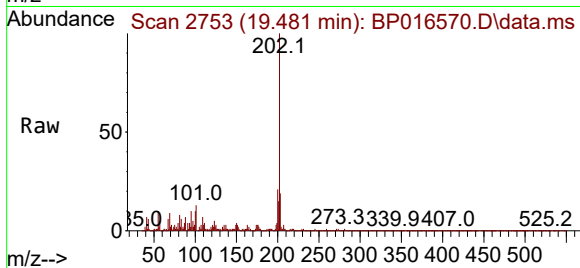
Tgt Ion:202 Resp: 1644529

Ion Ratio Lower Upper

202 100

101 12.7 10.6 16.0

100 9.8 8.1 12.1



#82

Pyrene

Concen: 8.317 ng/ul

RT: 19.834 min Scan# 2813

Delta R.T. 0.000 min

Lab File: BP016570.D

Acq: 14 Aug 2023 20:07

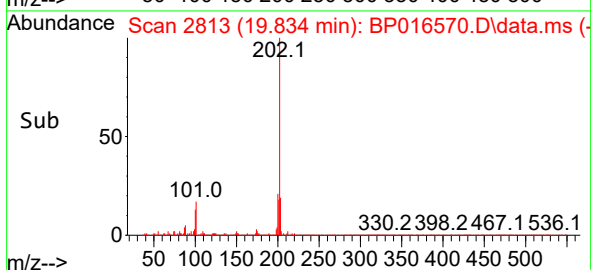
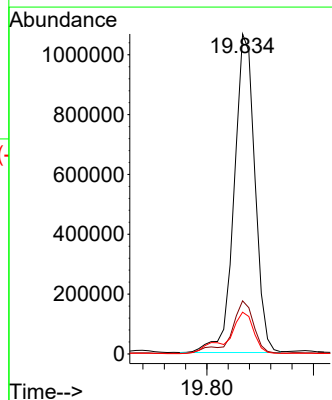
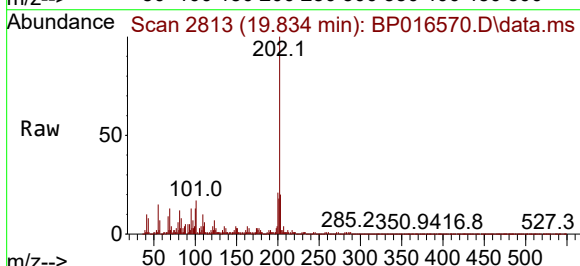
Tgt Ion:202 Resp: 1444186

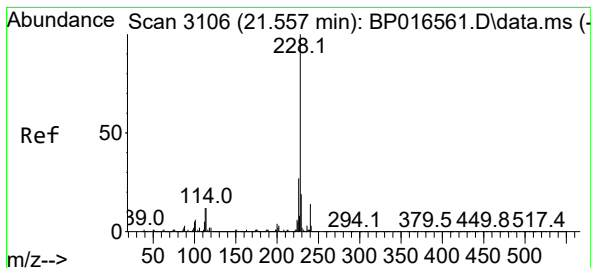
Ion Ratio Lower Upper

202 100

101 16.6 13.4 20.2

100 13.1 11.0 16.4





#85

Benzo(a)anthracene

Concen: 4.270 ng/ul

RT: 21.557 min Scan# 3106

Delta R.T. 0.000 min

Lab File: BP016570.D

Acq: 14 Aug 2023 20:07

Instrument :

BNA_P

ClientSampleId :

A48J3

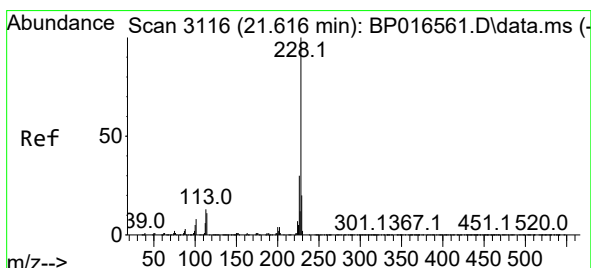
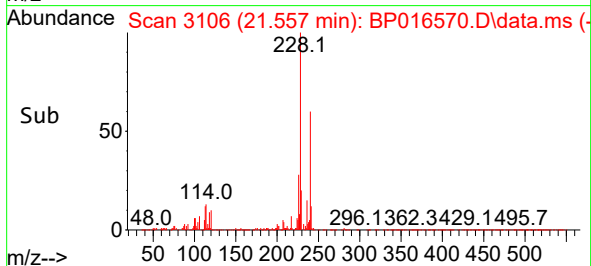
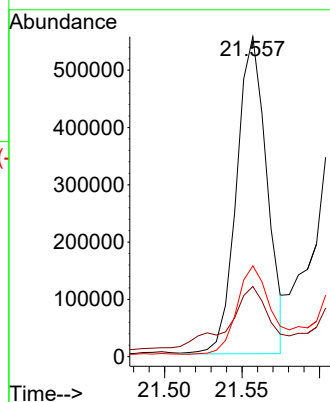
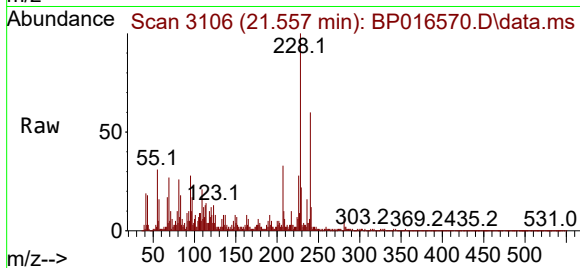
Tgt Ion:228 Resp: 754480

Ion Ratio Lower Upper

228 100

229 22.0 15.8 23.6

226 28.4 21.8 32.6



#87

Chrysene

Concen: 5.147 ng/ul

RT: 21.610 min Scan# 3115

Delta R.T. 0.000 min

Lab File: BP016570.D

Acq: 14 Aug 2023 20:07

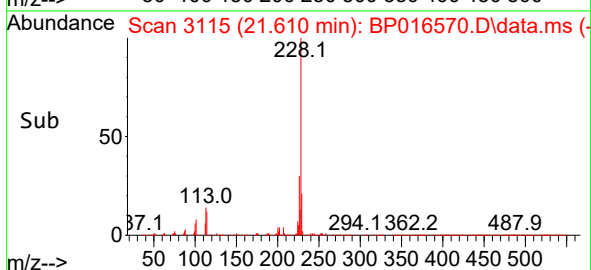
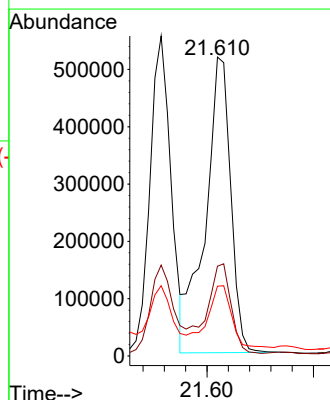
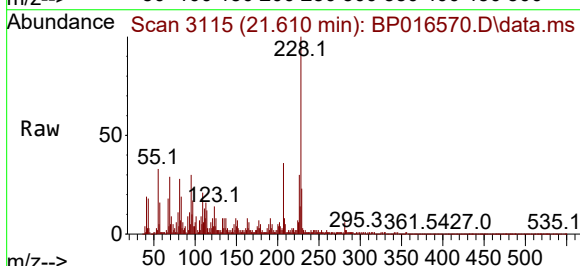
Tgt Ion:228 Resp: 851162

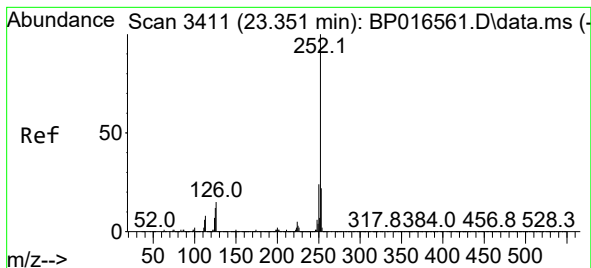
Ion Ratio Lower Upper

228 100

226 30.0 24.6 36.8

229 23.3 16.4 24.6





#90

Benzo(b)fluoranthene

Concen: 6.475 ng/ul

RT: 23.357 min Scan# 3411

Delta R.T. 0.006 min

Lab File: BP016570.D

Acq: 14 Aug 2023 20:07

Instrument :

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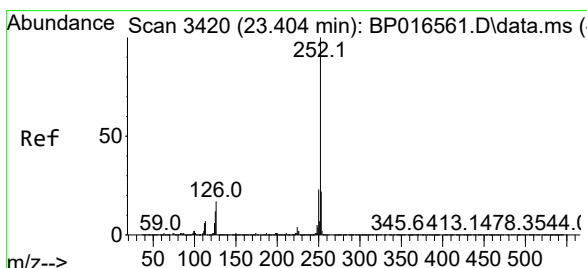
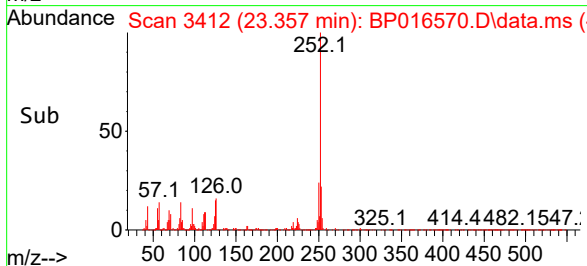
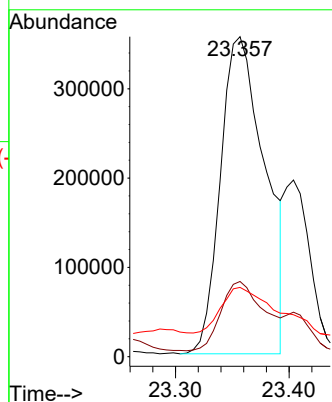
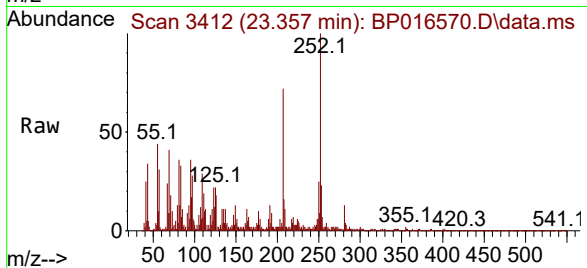
Tgt Ion:252 Resp: 969194

Ion Ratio Lower Upper

252 100

253 23.5 17.4 26.2

125 21.7 10.0 15.0#



#91

Benzo(k)fluoranthene

Concen: 6.527 ng/ul

RT: 23.357 min Scan# 3412

Delta R.T. -0.047 min

Lab File: BP016570.D

Acq: 14 Aug 2023 20:07

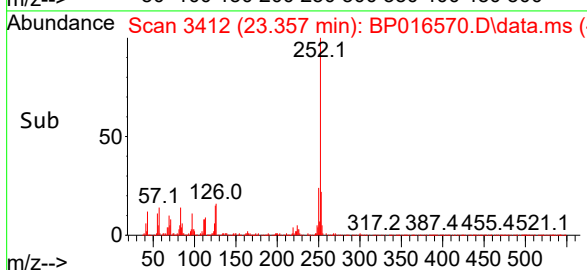
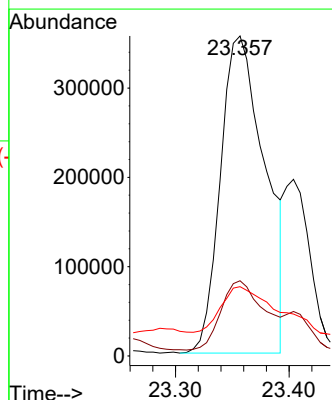
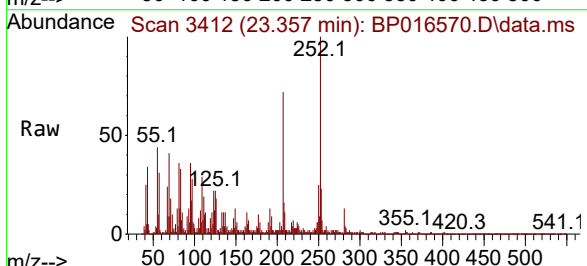
Tgt Ion:252 Resp: 969194

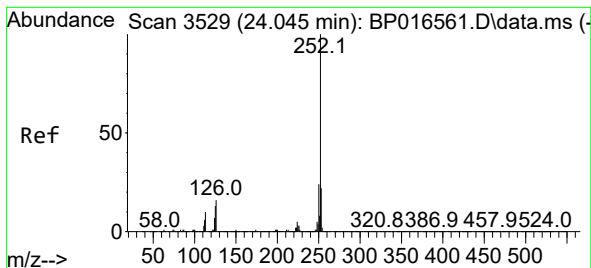
Ion Ratio Lower Upper

252 100

253 23.5 18.0 27.0

125 21.7 9.8 14.8#





#93

Benzo(a)pyrene

Concen: 4.255 ng/ul

RT: 24.045 min Scan# 3529

Delta R.T. 0.006 min

Lab File: BP016570.D

Acq: 14 Aug 2023 20:07

Instrument :

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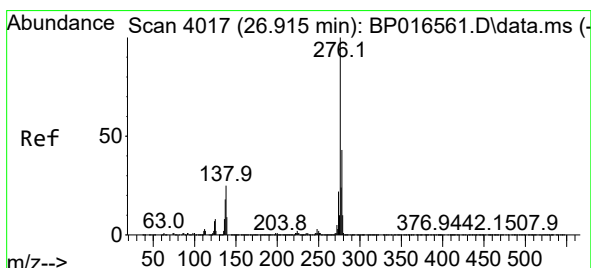
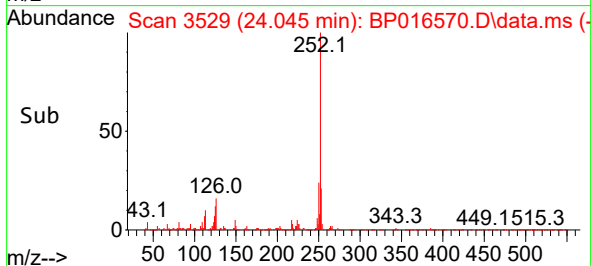
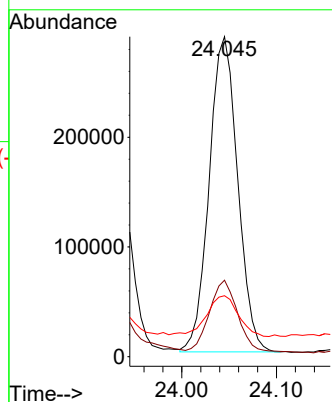
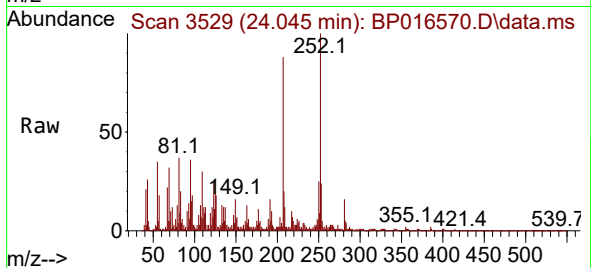
Tgt Ion:252 Resp: 600736

Ion Ratio Lower Upper

252 100

253 23.9 17.7 26.5

125 19.1 10.6 15.8#



#94

Indeno(1,2,3-cd)pyrene

Concen: 2.405 ng/ul

RT: 26.910 min Scan# 4016

Delta R.T. 0.000 min

Lab File: BP016570.D

Acq: 14 Aug 2023 20:07

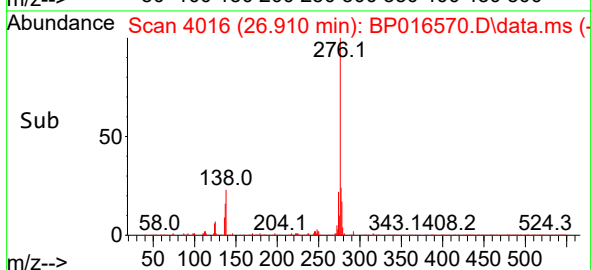
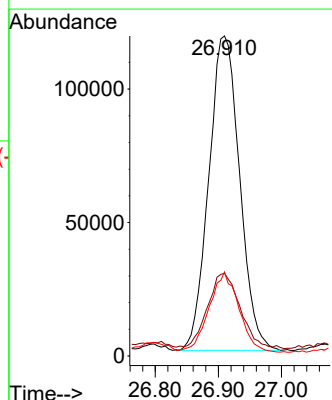
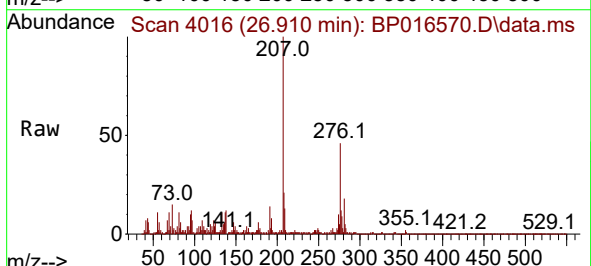
Tgt Ion:276 Resp: 400734

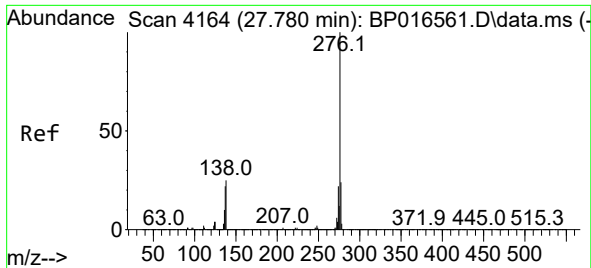
Ion Ratio Lower Upper

276 100

138 25.8 21.7 32.5

277 26.2 19.5 29.3





#96
 Benzo(g,h,i)perylene
 Concen: 2.538 ng/ul
 RT: 27.774 min Scan# 4163
 Delta R.T. 0.000 min
 Lab File: BP016570.D
 Acq: 14 Aug 2023 20:07

Instrument :
 BNA_P
 ClientSampleId :
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Tgt Ion:	276	Resp:	336564
Ion	Ratio	Lower	Upper
276	100		
138	27.1	21.5	32.3
277	25.0	19.3	28.9

