

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101422\
 Data File : BP012130.D
 Acq On : 14 Oct 2022 10:40
 Operator : CG/JU
 Sample : N5024-10
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0BP9

Quant Time: Oct 14 23:01:57 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101122.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 12 23:03:21 2022
 Response via : Initial Calibration

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

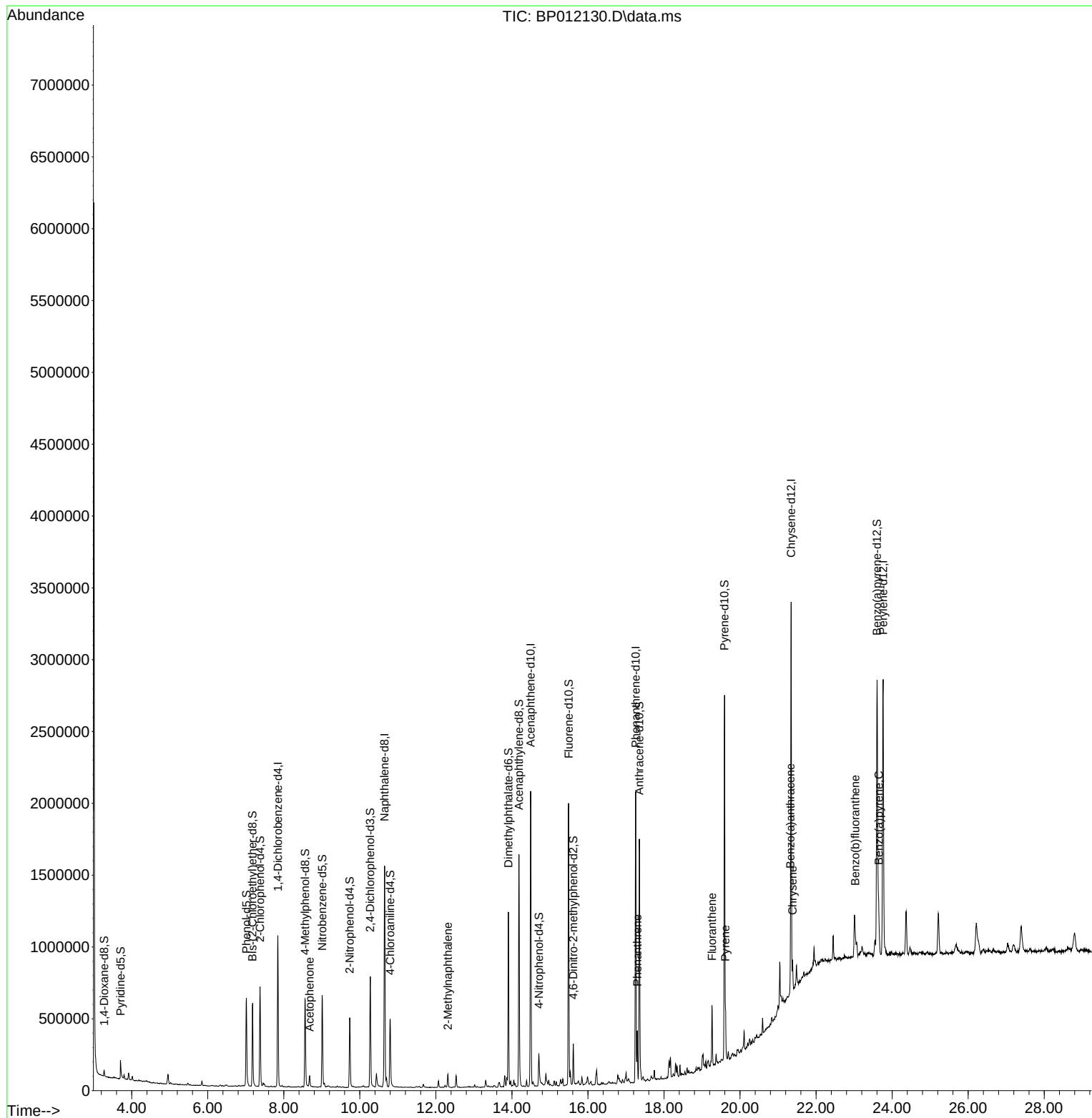
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.846	152	312292	20.000	ng/u1	0.00
20) Naphthalene-d8	10.651	136	1339515	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.492	164	737390	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.257	188	1252074	20.000	ng/u1	0.00
79) Chrysene-d12	21.345	240	1205127	20.000	ng/u1	0.00
88) Perylene-d12	23.762	264	1361165	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	22541	2.846	ng/uL	0.00
4) Pyridine-d5	3.705	84	76412	3.627	ng/u1	0.00
7) Phenol-d5	7.016	99	416514	16.583	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.175	67	263032	18.450	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.375	132	361916	18.153	ng/u1	0.00
15) 4-Methylphenol-d8	8.563	113	271277	14.062	ng/u1	0.00
21) Nitrobenzene-d5	9.010	128	180388	19.068	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.734	143	188000	19.598	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.275	165	320516	17.241	ng/u1	0.00
31) 4-Chloroaniline-d4	10.798	131	316349	11.547	ng/u1	0.00
46) Dimethylphthalate-d6	13.910	166	884200	18.934	ng/u1	0.00
49) Acenaphthylene-d8	14.187	160	1065023	18.443	ng/u1	0.00
54) 4-Nitrophenol-d4	14.710	143	79641	8.687	ng/u1	0.00
60) Fluorene-d10	15.492	176	790062	18.699	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.616	200	63845	9.657	ng/u1	0.00
73) Anthracene-d10	17.351	188	992501	18.255	ng/u1	0.00
81) Pyrene-d10	19.592	212	1225220	19.845	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.604	264	1396586	21.106	ng/u1	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.681	105	48344	1.625	ng/u1	99
36) 2-Methylnaphthalene	12.316	142	48493	1.064	ng/u1	96
72) Phenanthrene	17.298	178	219767	3.228	ng/u1	100
80) Fluoranthene	19.263	202	229577	3.035	ng/u1	99
82) Pyrene	19.616	202	205482	2.567	ng/u1	95
85) Benzo(a)anthracene	21.327	228	117762	1.552	ng/u1	96
87) Chrysene	21.380	228	120184	1.646	ng/u1	97
90) Benzo(b)fluoranthene	23.027	252	165472	1.921	ng/u1#	92
93) Benzo(a)pyrene	23.651	252	115937	1.508	ng/u1#	93

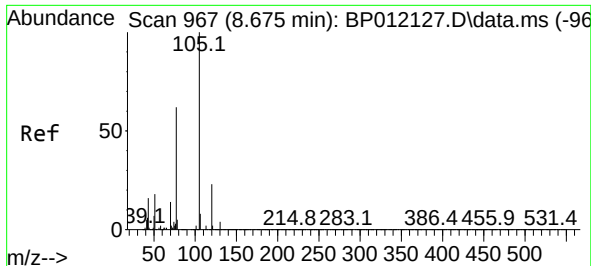
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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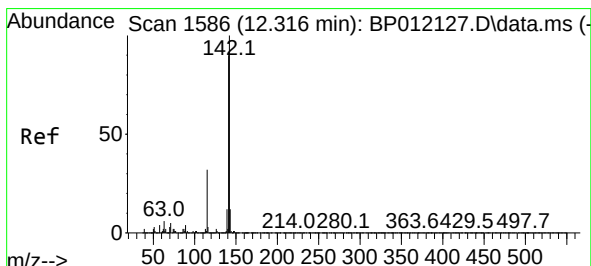
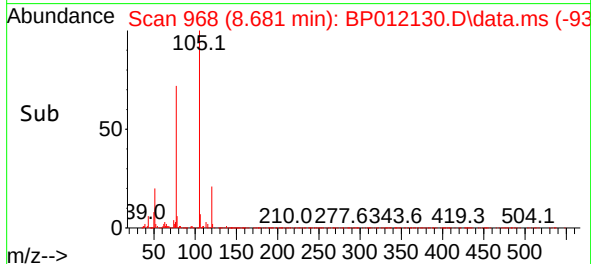
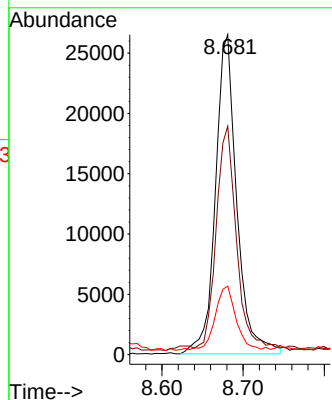
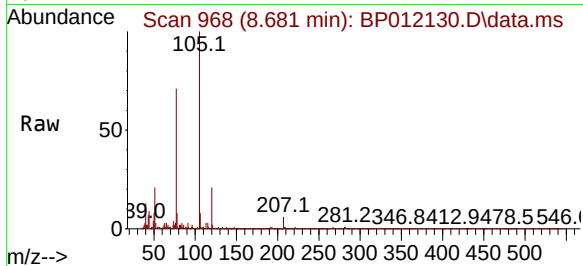




#16
Acetophenone
Concen: 1.625 ng/ul
RT: 8.681 min Scan# 968
Delta R.T. -0.000 min
Lab File: BP012130.D
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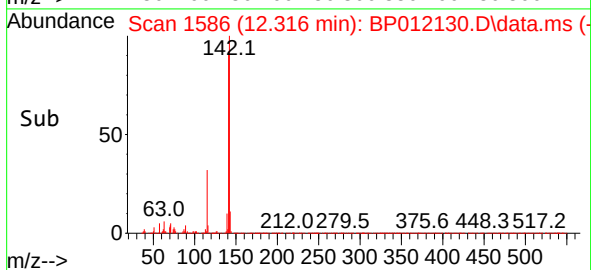
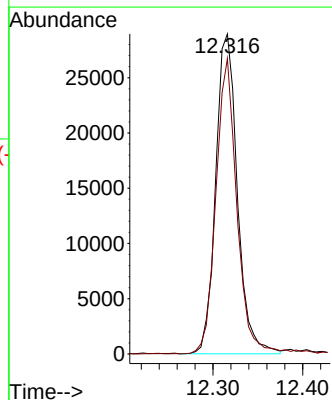
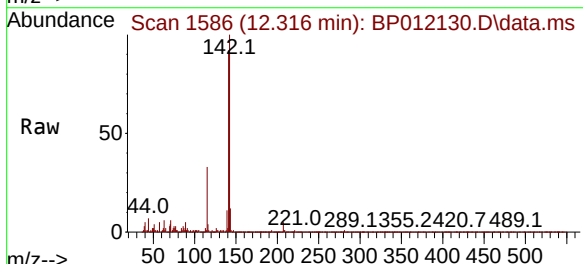
Instrument :
BNA_P
ClientSampleId :
C0BP9

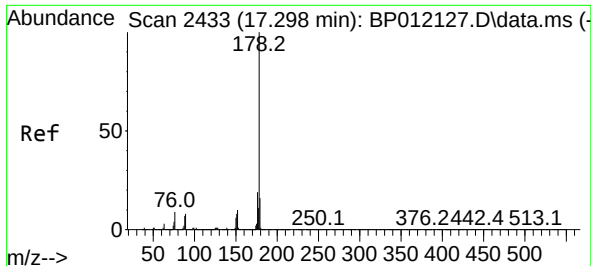
Tgt Ion:105 Resp: 48344
Ion Ratio Lower Upper
105 100
77 71.4 57.0 85.4
51 21.4 16.4 24.6



#36
2-Methylnaphthalene
Concen: 1.064 ng/ul
RT: 12.316 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BP012130.D
Acq: 14 Oct 2022 10:40

Tgt Ion:142 Resp: 48493
Ion Ratio Lower Upper
142 100
141 92.3 70.7 106.1

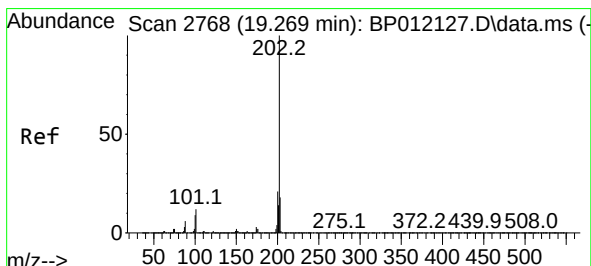
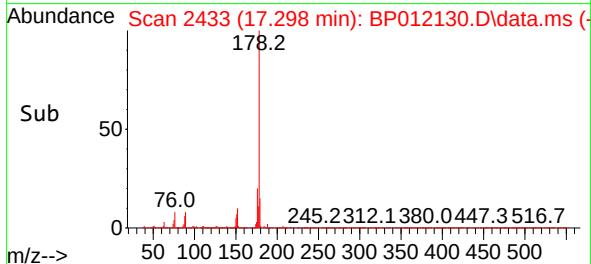
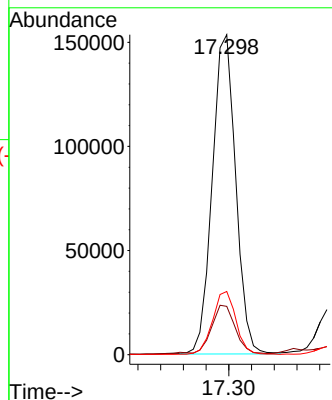
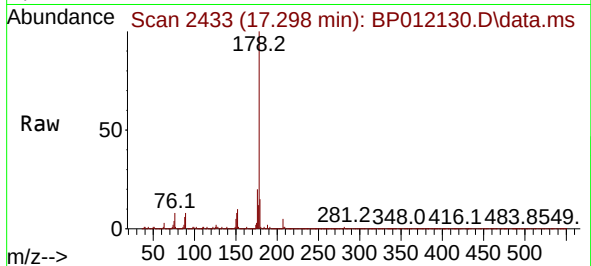




#72
Phenanthrene
Concen: 3.228 ng/ul
RT: 17.298 min Scan# 2433
Delta R.T. -0.006 min
Lab File: BP012130.D
Acq: 14 Oct 2022 10:40

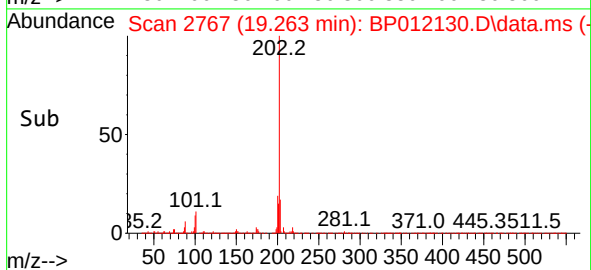
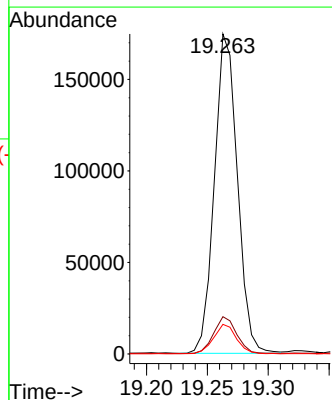
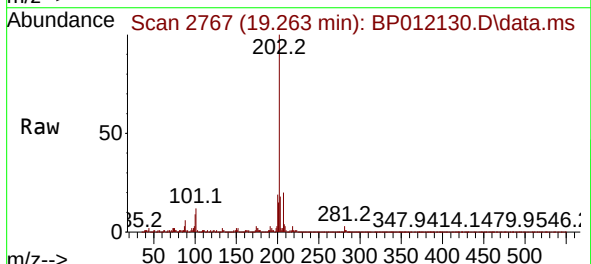
Instrument :
BNA_P
ClientSampleId :
C0BP9

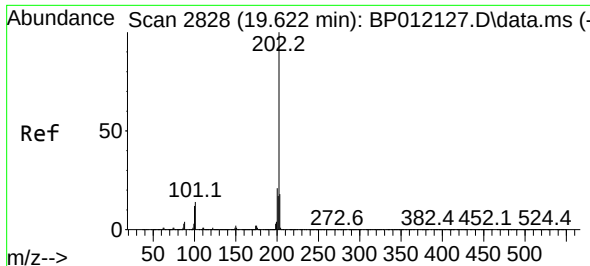
Tgt Ion:178 Resp: 219767
Ion Ratio Lower Upper
178 100
179 15.1 12.2 18.4
176 19.7 15.8 23.6



#80
Fluoranthene
Concen: 3.035 ng/ul
RT: 19.263 min Scan# 2767
Delta R.T. -0.006 min
Lab File: BP012130.D
Acq: 14 Oct 2022 10:40

Tgt Ion:202 Resp: 229577
Ion Ratio Lower Upper
202 100
101 11.6 9.0 13.6
100 9.2 7.0 10.6

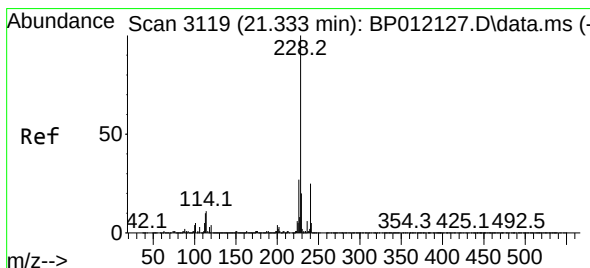
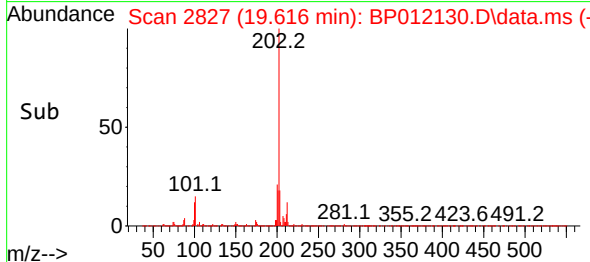
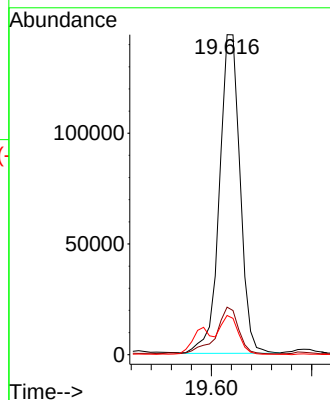
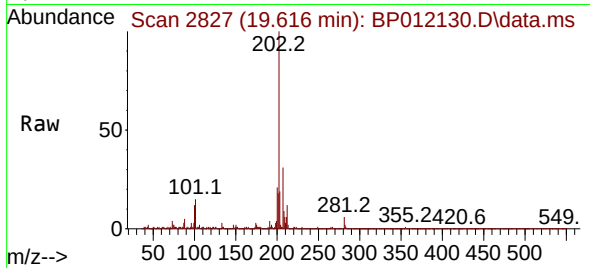




#82
 Pyrene
 Concen: 2.567 ng/ul
 RT: 19.616 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP012130.D
 Acq: 14 Oct 2022 10:40

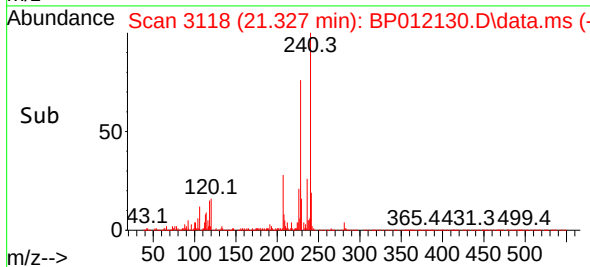
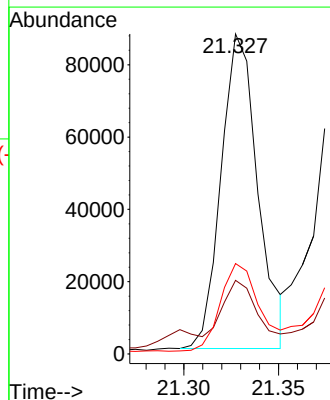
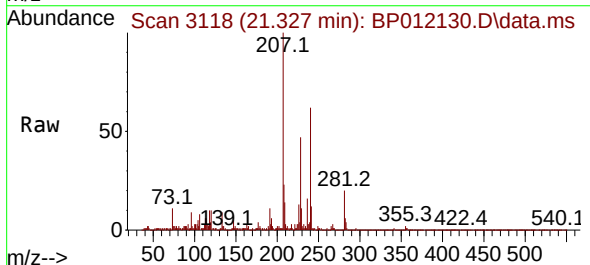
Instrument :
 BNA_P
 ClientSampleId :
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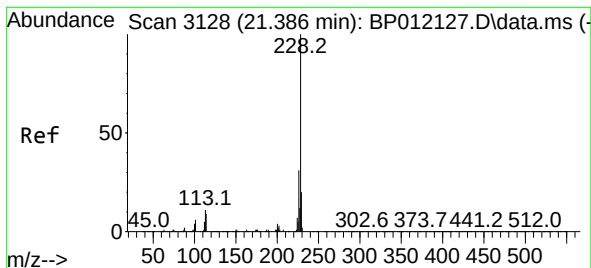
Tgt Ion:202 Resp: 205482
 Ion Ratio Lower Upper
 202 100
 101 14.9 10.4 15.6
 100 12.3 8.5 12.7



#85
 Benzo(a)anthracene
 Concen: 1.552 ng/ul
 RT: 21.327 min Scan# 3118
 Delta R.T. -0.006 min
 Lab File: BP012130.D
 Acq: 14 Oct 2022 10:40

Tgt Ion:228 Resp: 117762
 Ion Ratio Lower Upper
 228 100
 229 23.0 15.7 23.5
 226 28.2 21.9 32.9





#87

Chrysene

Concen: 1.646 ng/ul

RT: 21.380 min Scan# 3128

Delta R.T. -0.006 min

Lab File: BP012130.D

Acq: 14 Oct 2022 10:40

Instrument :

BNA_P

ClientSampleId :

C0BP9

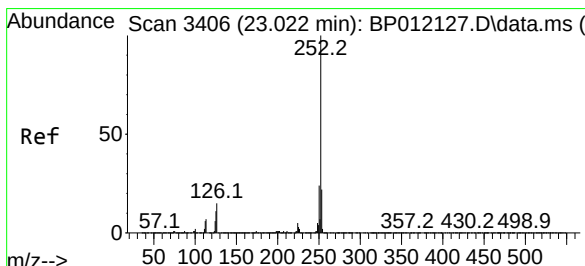
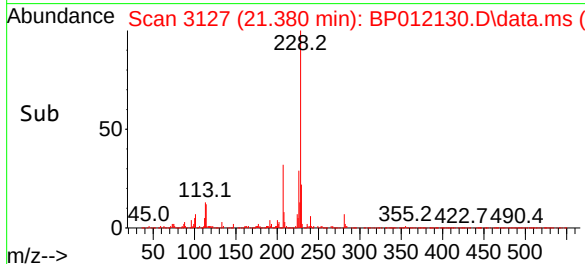
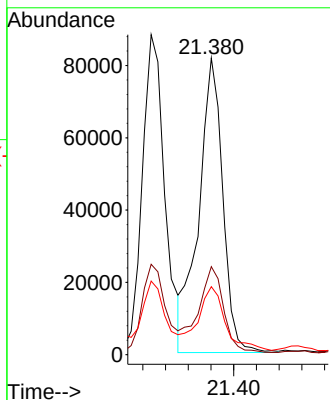
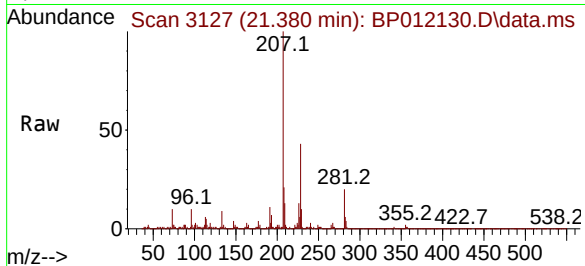
Tgt Ion:228 Resp: 120184

Ion Ratio Lower Upper

228 100

226 29.7 24.0 36.0

229 22.9 15.5 23.3



#90

Benzo(b)fluoranthene

Concen: 1.921 ng/ul

RT: 23.027 min Scan# 3407

Delta R.T. -0.000 min

Lab File: BP012130.D

Acq: 14 Oct 2022 10:40

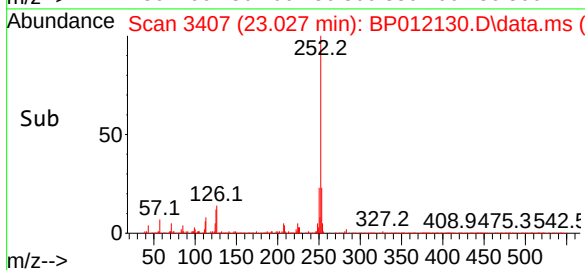
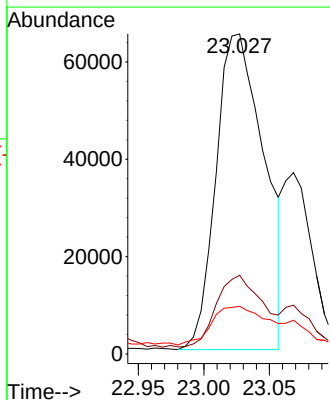
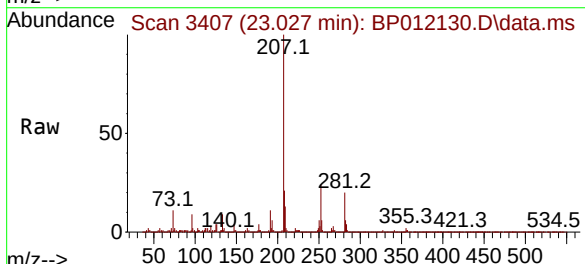
Tgt Ion:252 Resp: 165472

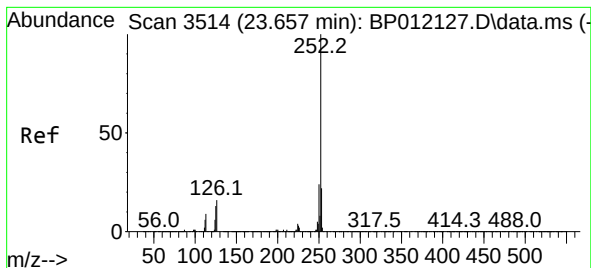
Ion Ratio Lower Upper

252 100

253 24.6 17.6 26.4

125 14.9 7.8 11.8#





#93

Benzo(a)pyrene

Concen: 1.508 ng/ul

RT: 23.651 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP012130.D

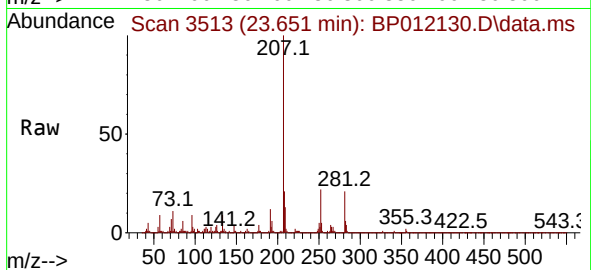
Acq: 14 Oct 2022 10:40

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Tgt Ion:252 Resp: 115937

Ion Ratio Lower Upper

252 100

253 24.3 17.6 26.4

125 15.3 8.9 13.3#

