

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070223\
 Data File : BP015928.D
 Acq On : 02 Jul 2023 17:26
 Operator : MA/JU
 Sample : 03243-19
 Misc :
 ALS Vial : 96 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jul 03 04:20:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jul 02 06:12:16 2023
 Response via : Initial Calibration

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

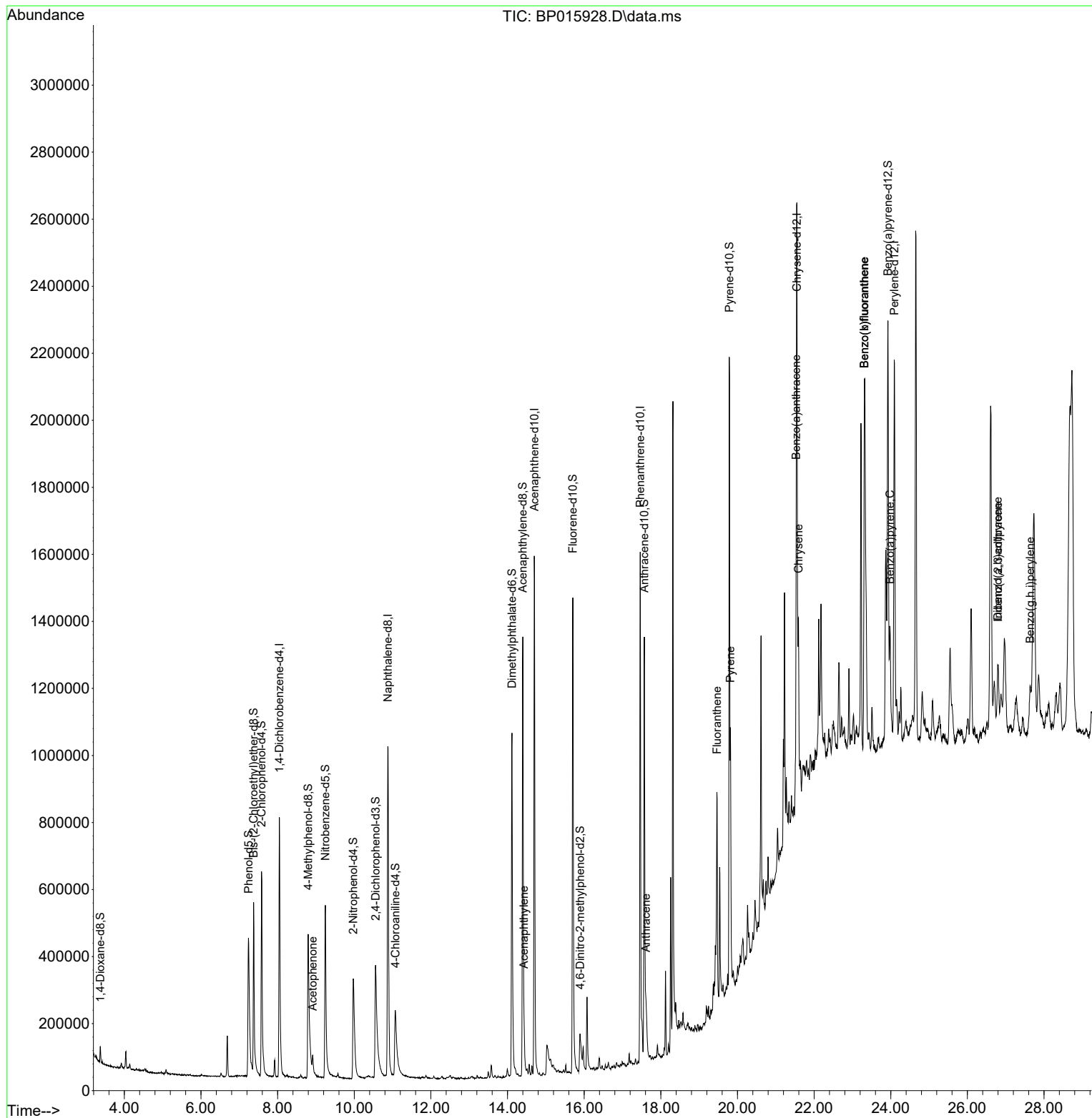
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.046	152	244304	20.000	ng/ul	0.00
20) Naphthalene-d8	10.875	136	1031664	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.699	164	553123	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.463	188	955799	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.551	240	807194	20.000	ng/ul	# 0.00
88) Perylene-d12	24.092	264	953185	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.376	96	23281	3.429	ng/uL	0.00
4) Pyridine-d5	3.811	84	629	0.037	ng/ul	0.00
7) Phenol-d5	7.240	99	397632	19.023	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.375	67	286424	22.148	ng/ul	0.00
11) 2-Chlorophenol-d4	7.581	132	333181	21.115	ng/ul	0.00
15) 4-Methylphenol-d8	8.799	113	298829	18.096	ng/ul	0.02
21) Nitrobenzene-d5	9.246	128	156393	19.836	ng/ul	0.01
24) 2-Nitrophenol-d4	9.975	143	167789	18.234	ng/ul	0.02
28) 2,4-Dichlorophenol-d3	10.558	165	268211	16.356	ng/ul	0.05
31) 4-Chloroaniline-d4	11.075	131	236865	11.245	ng/ul	0.05
46) Dimethylphthalate-d6	14.116	166	871651	20.388	ng/ul	0.01
49) Acenaphthylene-d8	14.399	160	965061	20.081	ng/ul	0.00
54) 4-Nitrophenol-d4	14.951	143	20	0.004	ng/ul	0.00
60) Fluorene-d10	15.704	176	683256	19.410	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.893	200	43714	7.437	ng/ul	0.04
73) Anthracene-d10	17.569	188	854383	19.569	ng/ul	0.01
81) Pyrene-d10	19.786	212	987052	18.727	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.927	264	1004525	20.892	ng/ul	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.916	105	34360	1.266	ng/ul	98
50) Acenaphthylene	14.428	152	69073	1.304	ng/ul	97
74) Anthracene	17.610	178	94701	1.815	ng/ul	97
80) Fluoranthene	19.469	202	358931	5.479	ng/ul#	95
82) Pyrene	19.816	202	427321	6.395	ng/ul#	89
85) Benzo(a)anthracene	21.533	228	334775	5.896	ng/ul	97
87) Chrysene	21.592	228	373641	6.936	ng/ul	98
90) Benzo(b)fluoranthene	23.310	252	711007	11.609	ng/ul#	94
91) Benzo(k)fluoranthene	23.310	252	711007	11.490	ng/ul#	93
93) Benzo(a)pyrene	23.980	252	293046	5.476	ng/ul#	93
94) Indeno(1,2,3-cd)pyrene	26.798	276	250894	3.453	ng/ul#	93
95) Dibenzo(a,h)anthracene	26.792	278	67451	1.130	ng/ul#	82
96) Benzo(g,h,i)perylene	27.639	276	210675	3.525	ng/ul#	94

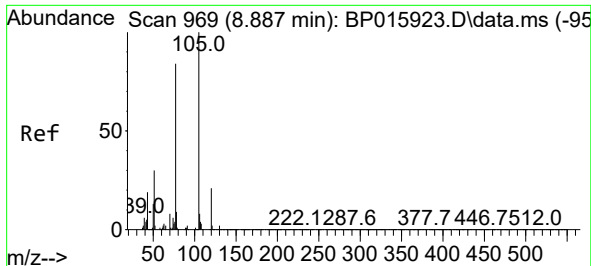
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070223\
Data File : BP015928.D
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Instrument :
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Quant Time: Jul 03 04:20:11 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Jul 02 06:12:16 2023
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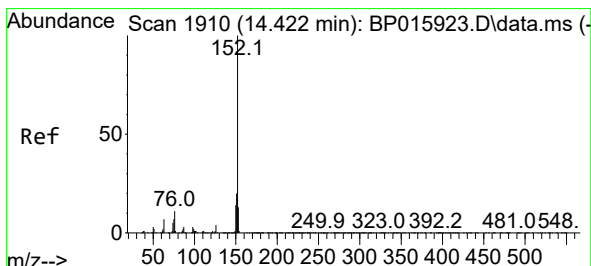
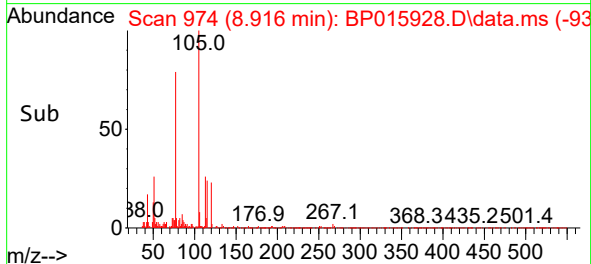
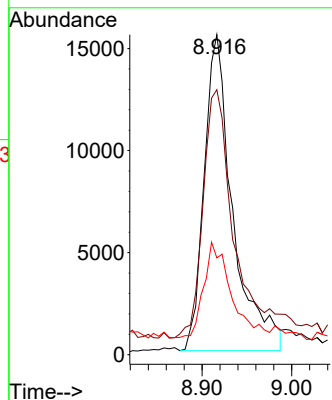
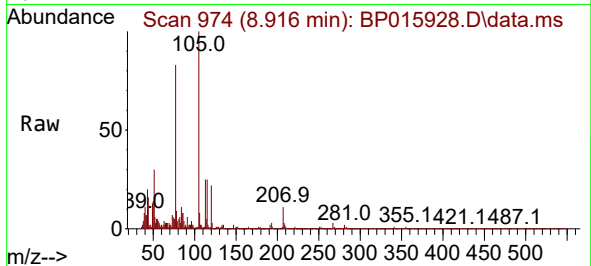




#16
Acetophenone
Concen: 1.266 ng/ul
RT: 8.916 min Scan# 91
Delta R.T. 0.030 min
Lab File: BP015928.D
Acq: 02 Jul 2023 17:26

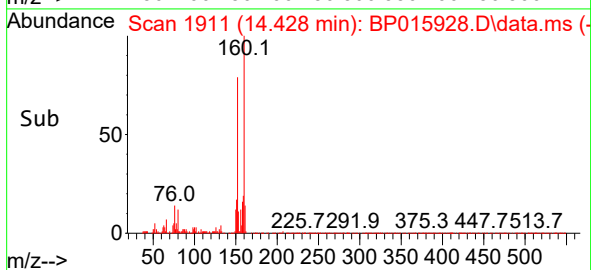
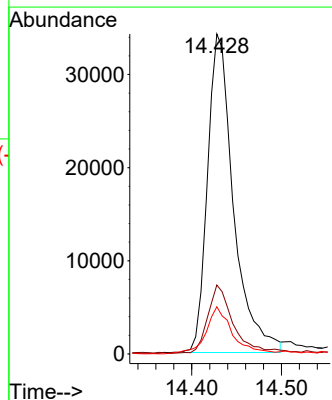
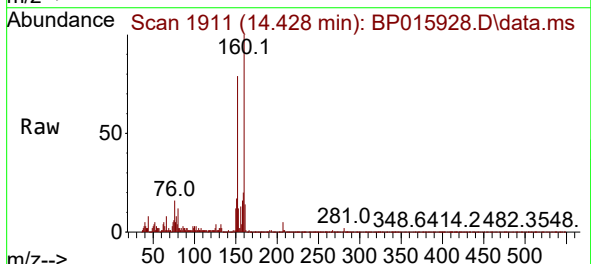
Instrument :
BNA_P
ClientSampleId :

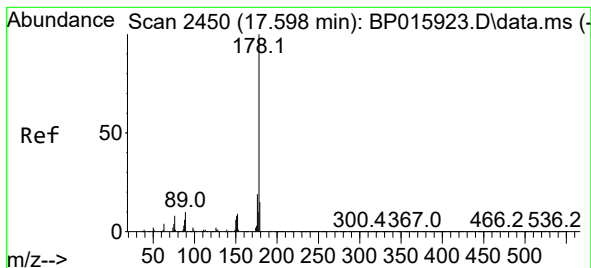
Tgt Ion:105 Resp: 34360
Ion Ratio Lower Upper
105 100
77 82.8 65.0 97.4
51 30.3 25.1 37.7



#50
Acenaphthylene
Concen: 1.304 ng/ul
RT: 14.428 min Scan# 1911
Delta R.T. 0.006 min
Lab File: BP015928.D
Acq: 02 Jul 2023 17:26

Tgt Ion:152 Resp: 69073
Ion Ratio Lower Upper
152 100
151 21.5 16.2 24.2
153 14.8 10.5 15.7





#74

Anthracene

Concen: 1.815 ng/ul

RT: 17.610 min Scan# 2450

Delta R.T. 0.012 min

Lab File: BP015928.D

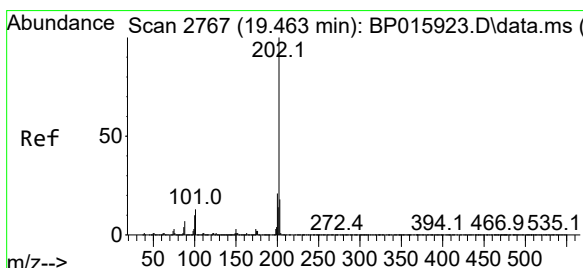
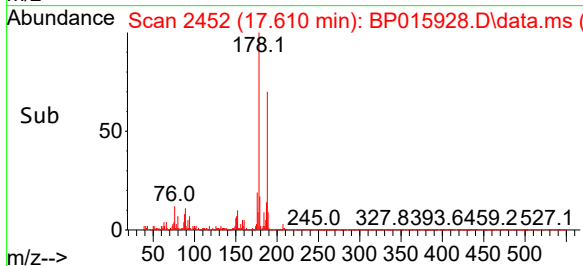
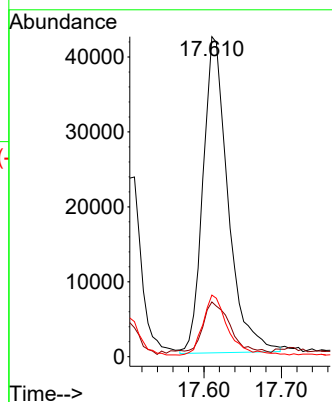
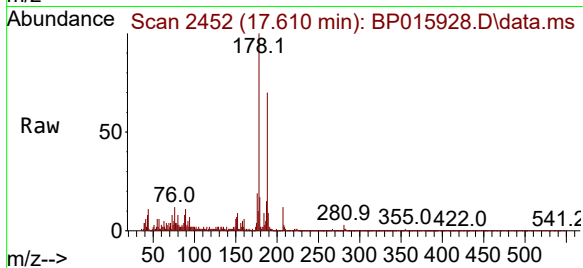
Acq: 02 Jul 2023 17:26

Instrument :

BNA_P

ClientSampleId :

Tgt Ion:178	Resp:	94701
Ion Ratio	Lower	Upper
178	100	
179	17.1	12.1 18.1
176	19.2	14.6 22.0



#80

Fluoranthene

Concen: 5.479 ng/ul

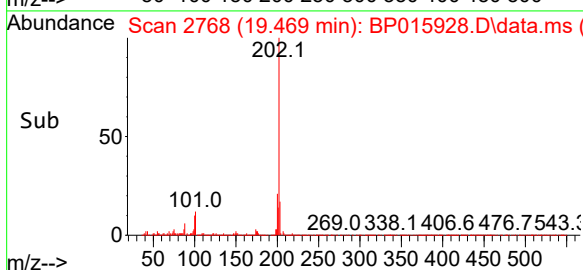
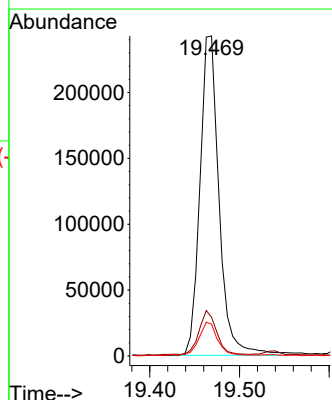
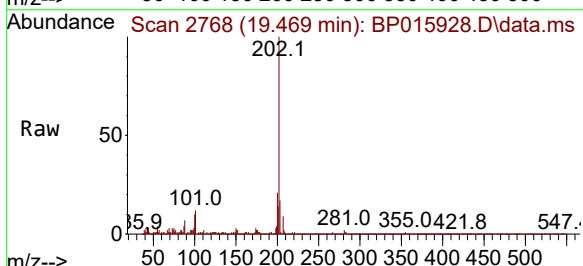
RT: 19.469 min Scan# 2768

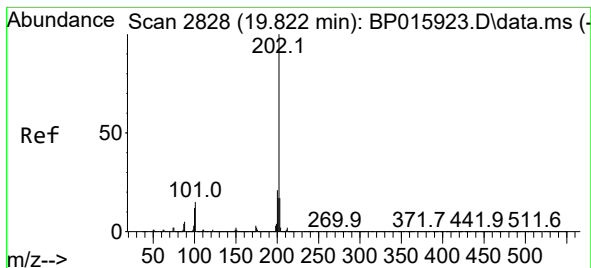
Delta R.T. 0.006 min

Lab File: BP015928.D

Acq: 02 Jul 2023 17:26

Tgt Ion:202	Resp:	358931
Ion Ratio	Lower	Upper
202	100	
101	12.1	8.3 12.5
100	10.0	6.6 9.8





#82

Pyrene

Concen: 6.395 ng/ul

RT: 19.816 min Scan# 2827

Delta R.T. 0.000 min

Lab File: BP015928.D

Acq: 02 Jul 2023 17:26

Instrument :

BNA_P

ClientSampleId :

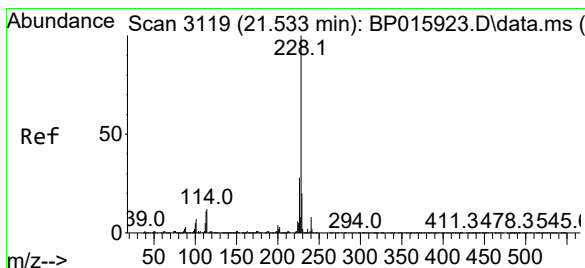
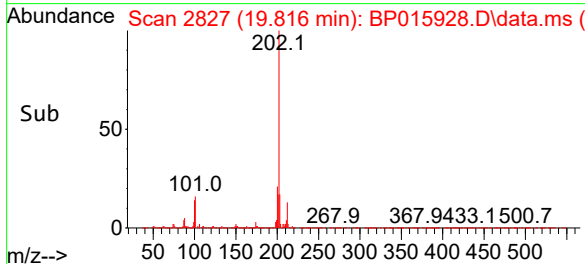
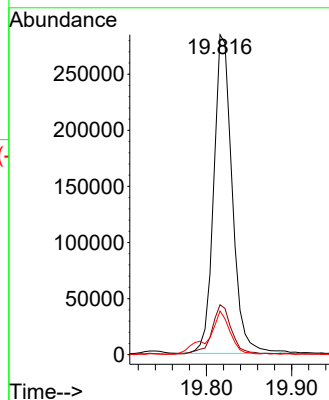
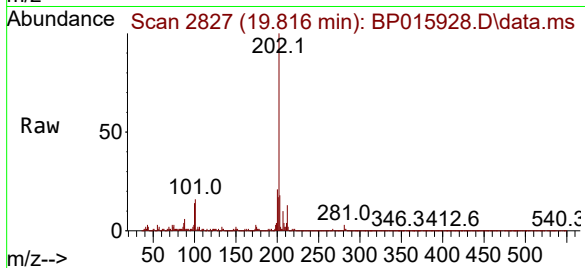
Tgt Ion:202 Resp: 427321

Ion Ratio Lower Upper

202 100

101 15.6 9.3 13.9#

100 13.7 7.6 11.4#



#85

Benzo(a)anthracene

Concen: 5.896 ng/ul

RT: 21.533 min Scan# 3119

Delta R.T. 0.000 min

Lab File: BP015928.D

Acq: 02 Jul 2023 17:26

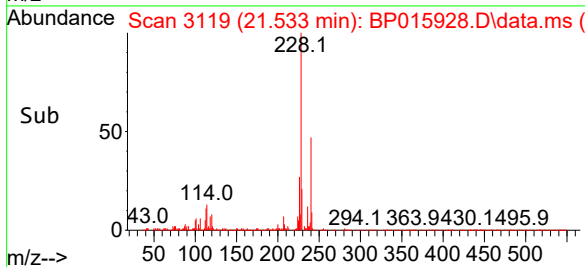
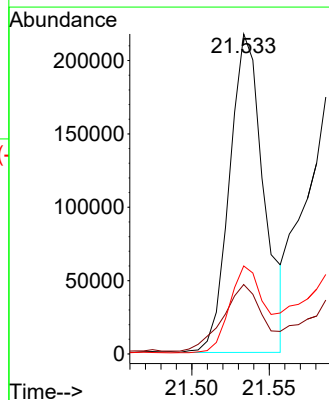
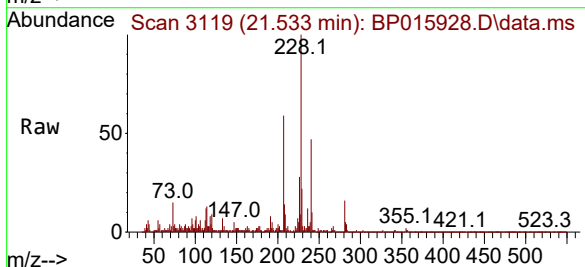
Tgt Ion:228 Resp: 334775

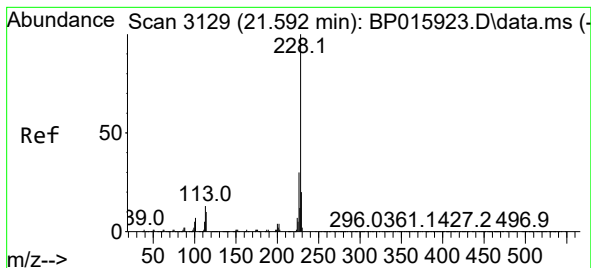
Ion Ratio Lower Upper

228 100

229 21.7 15.3 22.9

226 27.5 21.4 32.0





#87

Chrysene

Concen: 6.936 ng/ul

RT: 21.592 min Scan# 3129

Delta R.T. 0.006 min

Lab File: BP015928.D

Acq: 02 Jul 2023 17:26

Instrument :

BNA_P

ClientSampleId :

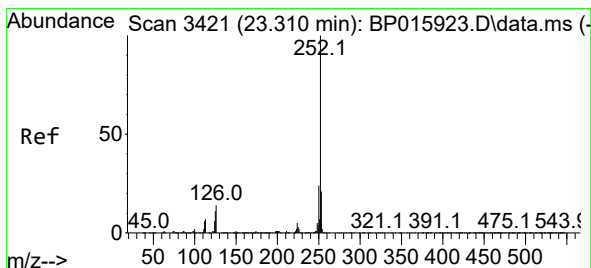
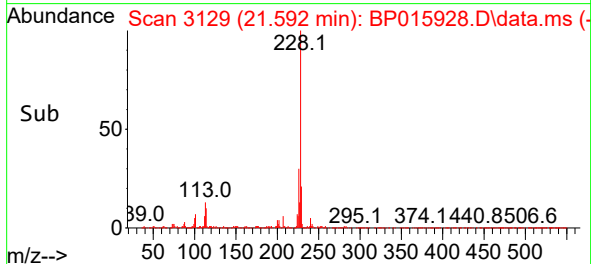
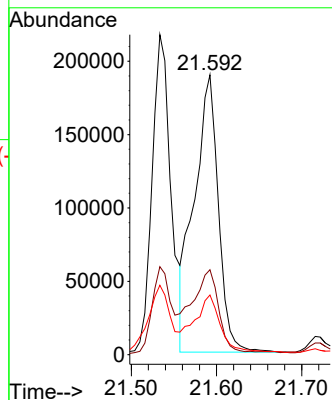
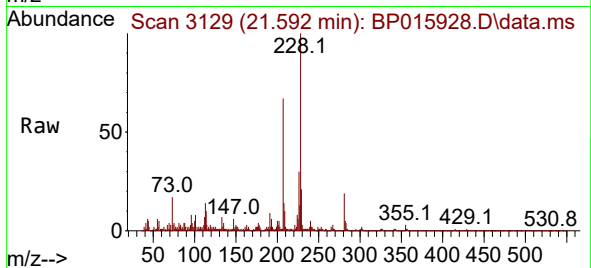
Tgt Ion:228 Resp: 373641

Ion Ratio Lower Upper

228 100

226 30.4 24.3 36.5

229 21.3 15.5 23.3



#90

Benzo(b)fluoranthene

Concen: 11.609 ng/ul

RT: 23.310 min Scan# 3421

Delta R.T. 0.000 min

Lab File: BP015928.D

Acq: 02 Jul 2023 17:26

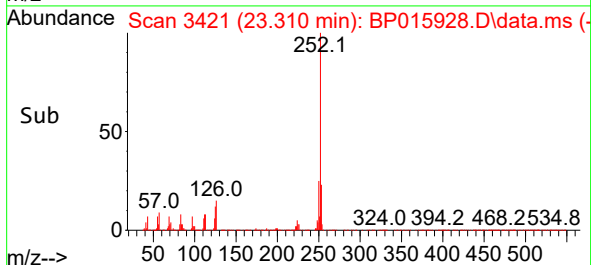
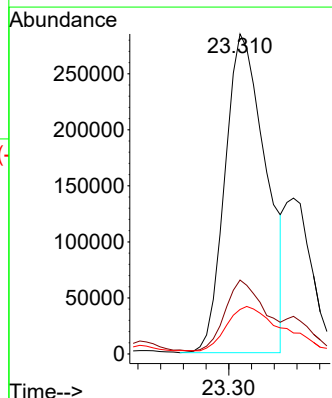
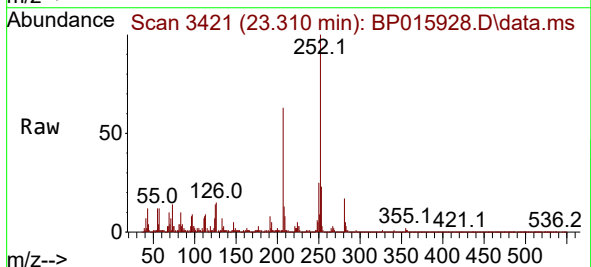
Tgt Ion:252 Resp: 711007

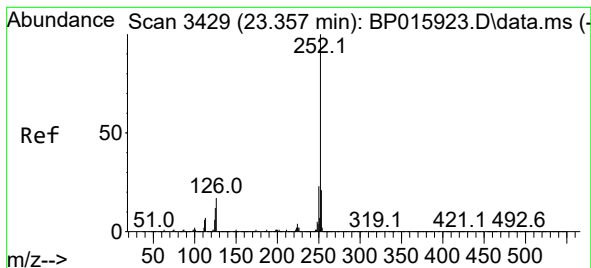
Ion Ratio Lower Upper

252 100

253 23.1 17.3 25.9

125 13.9 7.5 11.3





#91

Benzo(k)fluoranthene

Concen: 11.490 ng/ul

RT: 23.310 min Scan# 34

Delta R.T. -0.047 min

Lab File: BP015928.D

Acq: 02 Jul 2023 17:26

Instrument :

BNA_P

ClientSampleId :

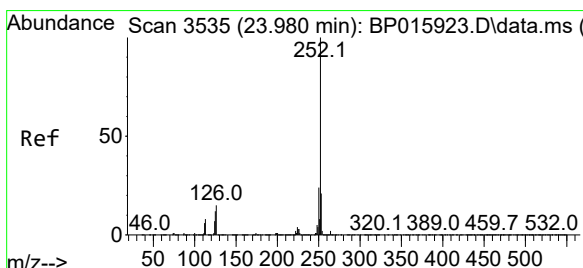
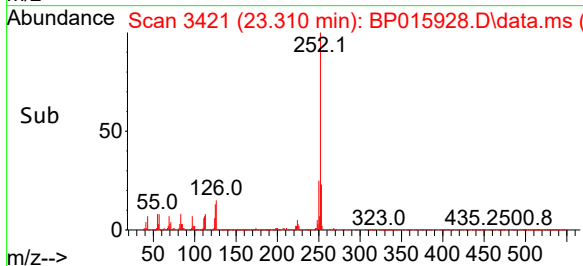
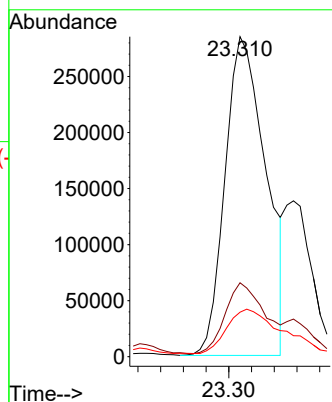
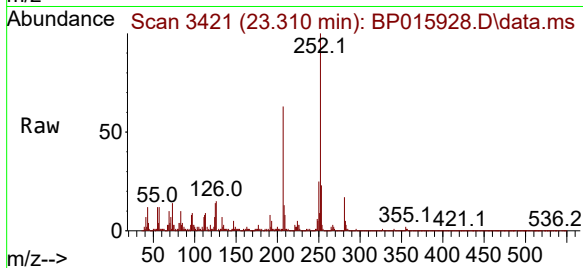
Tgt Ion:252 Resp: 711007

Ion Ratio Lower Upper

252 100

253 23.1 17.0 25.4

125 13.9 7.3 10.9#



#93

Benzo(a)pyrene

Concen: 5.476 ng/ul

RT: 23.980 min Scan# 3535

Delta R.T. 0.000 min

Lab File: BP015928.D

Acq: 02 Jul 2023 17:26

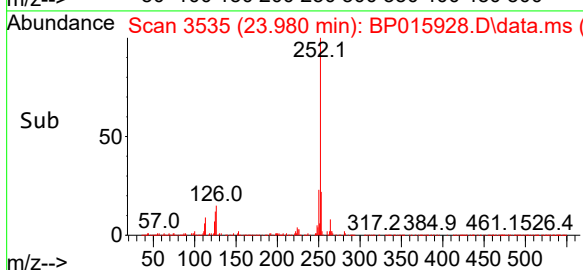
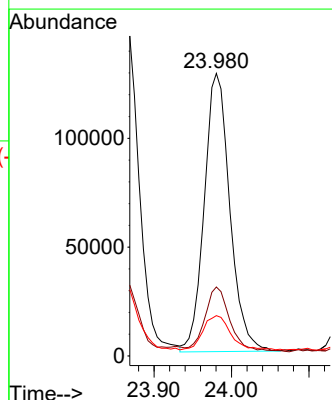
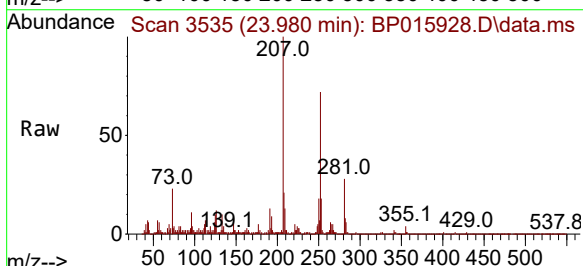
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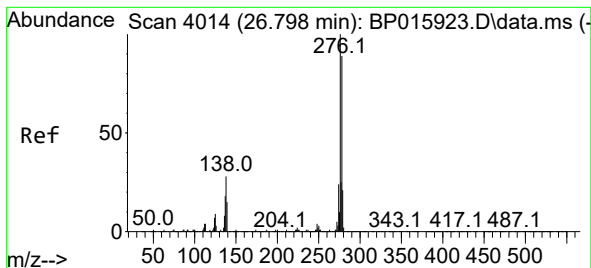
Ion Ratio Lower Upper

252 100

253 24.4 17.7 26.5

125 14.2 8.2 12.2#





#94

Indeno(1,2,3-cd)pyrene

Concen: 3.453 ng/ul

RT: 26.798 min Scan# 4014

Delta R.T. 0.006 min

Lab File: BP015928.D

Acq: 02 Jul 2023 17:26

Instrument :

BNA_P

ClientSampleId :

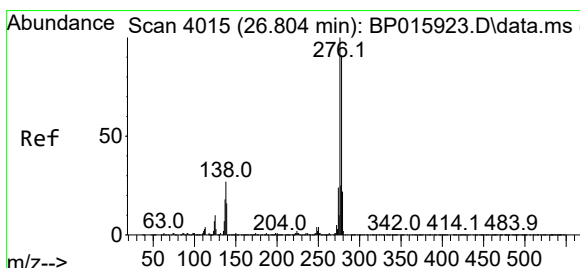
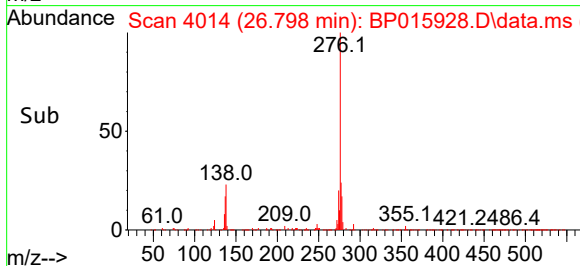
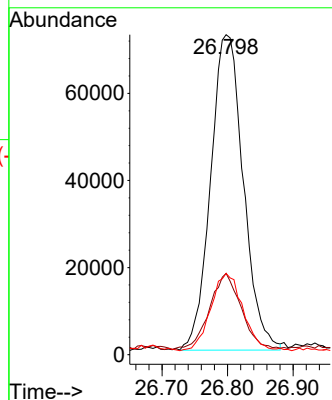
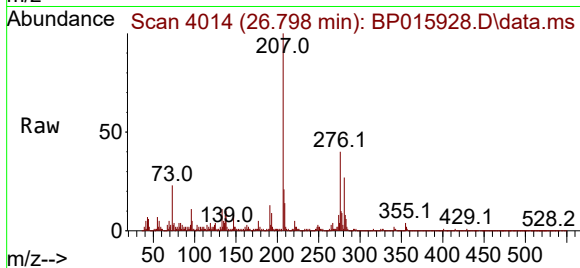
Tgt Ion:276 Resp: 250894

Ion Ratio Lower Upper

276 100

138 25.4 15.7 23.5#

277 25.4 19.6 29.4



#95

Dibenzo(a,h)anthracene

Concen: 1.130 ng/ul

RT: 26.792 min Scan# 4013

Delta R.T. -0.005 min

Lab File: BP015928.D

Acq: 02 Jul 2023 17:26

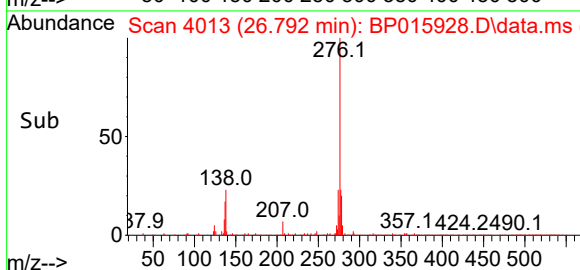
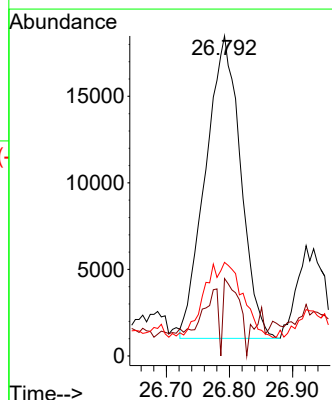
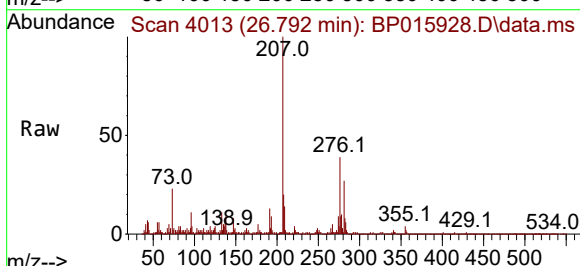
Tgt Ion:278 Resp: 67451

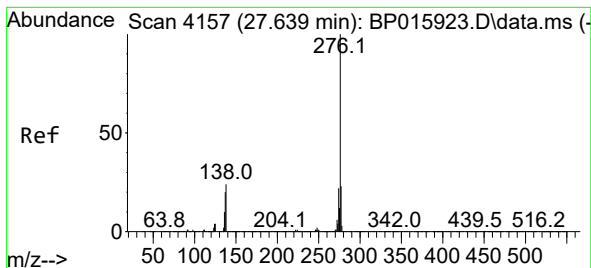
Ion Ratio Lower Upper

278 100

139 24.2 10.5 15.7#

279 29.2 18.4 27.6#





#96

Benzo(g,h,i)perylene

Concen: 3.525 ng/ul

RT: 27.639 min Scan# 41

Delta R.T. 0.012 min

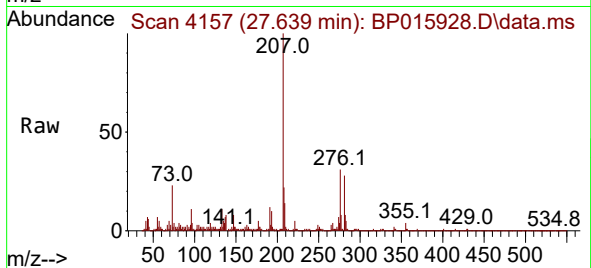
Lab File: BP015928.D

Acq: 02 Jul 2023 17:26

Instrument :

BNA_P

ClientSampleId :



Tgt Ion:276 Resp: 210675

Ion Ratio Lower Upper

276 100

138 24.3 15.1 22.7#

277 24.1 18.8 28.2

