

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062923\
 Data File : BP015807.D
 Acq On : 29 Jun 2023 12:57
 Operator : MA/JU
 Sample : 03143-15
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jun 29 22:26:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 29 02:30:23 2023
 Response via : Initial Calibration

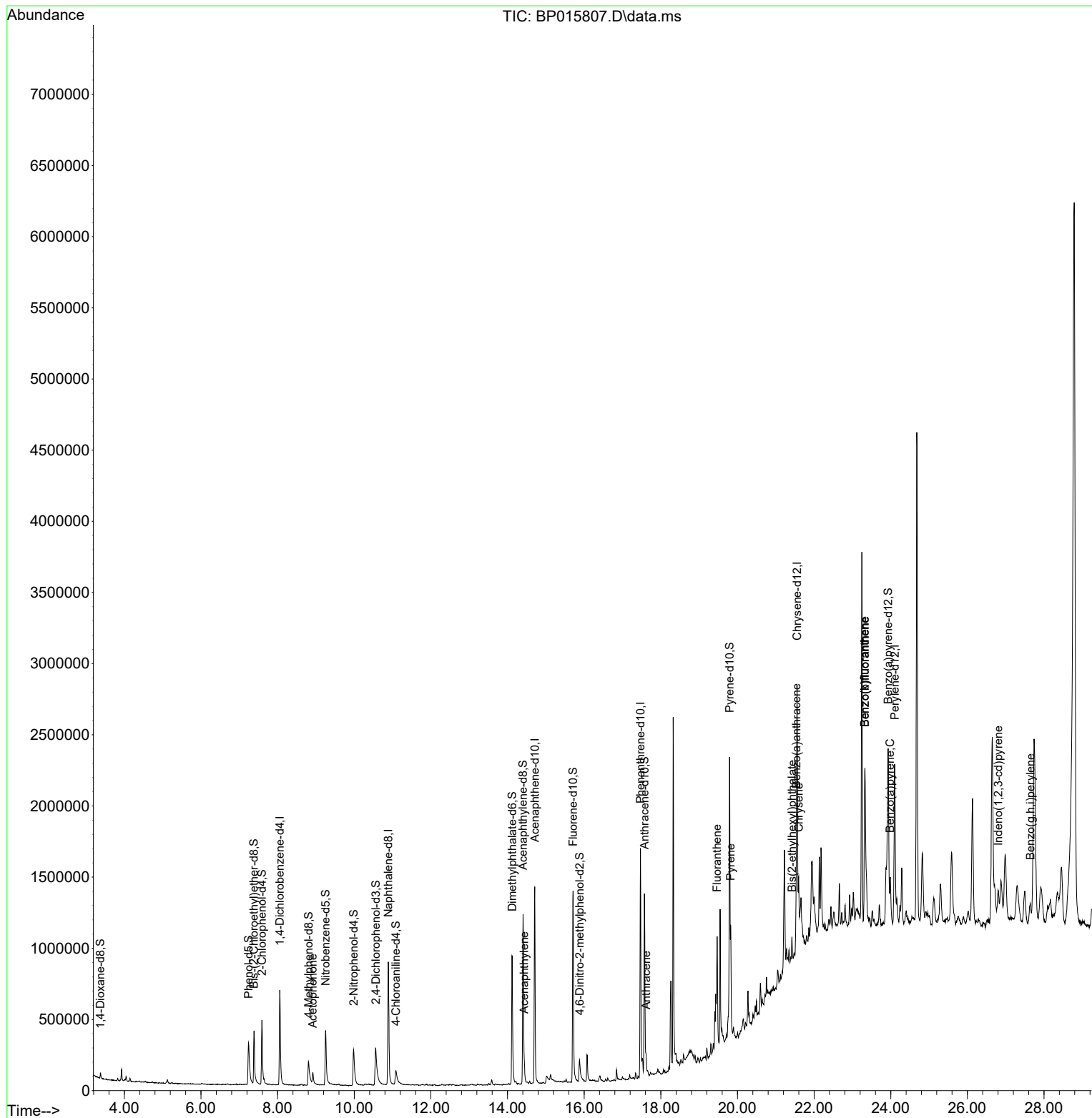
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.058	152	213363	20.000	ng/ul	0.00
20) Naphthalene-d8	10.887	136	871550	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.710	164	489164	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.469	188	965060	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.557	240	794026	20.000	ng/ul	# 0.00
88) Perylene-d12	24.104	264	919383	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.376	96	17764	2.995	ng/uL	0.00
4) Pyridine-d5	3.823	84	526	0.035	ng/ul	0.00
7) Phenol-d5	7.240	99	283970	15.555	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.381	67	220570	19.529	ng/ul	0.00
11) 2-Chlorophenol-d4	7.593	132	244851	17.768	ng/ul	0.00
15) 4-Methylphenol-d8	8.811	113	122036	8.462	ng/ul	0.02
21) Nitrobenzene-d5	9.252	128	117177	17.592	ng/ul	0.01
24) 2-Nitrophenol-d4	9.987	143	124014	15.953	ng/ul	0.02
28) 2,4-Dichlorophenol-d3	10.563	165	188562	13.612	ng/ul	0.05
31) 4-Chloroaniline-d4	11.087	131	124423	6.992	ng/ul	0.05
46) Dimethylphthalate-d6	14.122	166	732258	19.367	ng/ul	0.01
49) Acenaphthylene-d8	14.404	160	832706	19.592	ng/ul	0.00
54) 4-Nitrophenol-d4	14.940	143	192	0.038	ng/ul	-0.01
60) Fluorene-d10	15.710	176	609296	19.572	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.881	200	47092	7.935	ng/ul	0.02
73) Anthracene-d10	17.575	188	860323	19.516	ng/ul	0.00
81) Pyrene-d10	19.792	212	1000884	19.304	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.933	264	929214	20.036	ng/ul	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.916	105	57997	2.446	ng/ul	98
50) Acenaphthylene	14.434	152	80725	1.724	ng/ul	98
74) Anthracene	17.616	178	64155	1.218	ng/ul	97
80) Fluoranthene	19.469	202	382851	5.941	ng/ul#	91
82) Pyrene	19.822	202	411560	6.261	ng/ul#	89
85) Benzo(a)anthracene	21.539	228	267173	4.783	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.422	149	55006	1.493	ng/ul	99
87) Chrysene	21.598	228	289944	5.471	ng/ul	98
90) Benzo(b)fluoranthene	23.322	252	588548	9.963	ng/ul#	92
91) Benzo(k)fluoranthene	23.322	252	588548	9.861	ng/ul#	92
93) Benzo(a)pyrene	23.986	252	266933	5.171	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	26.804	276	241272	3.443	ng/ul	96
96) Benzo(g,h,i)perylene	27.645	276	192235	3.335	ng/ul#	92

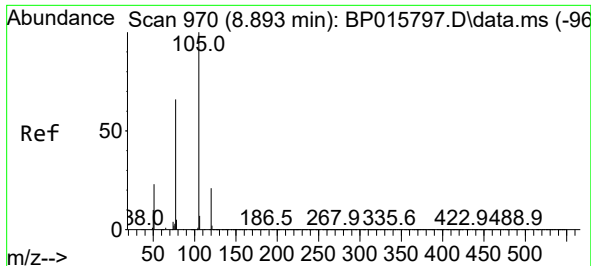
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062923\
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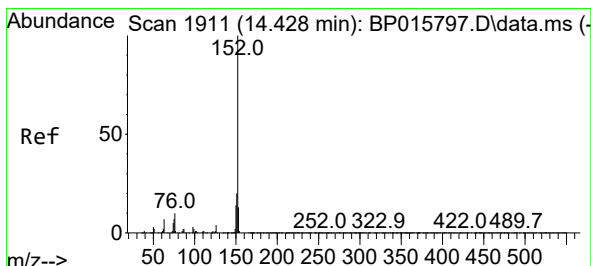
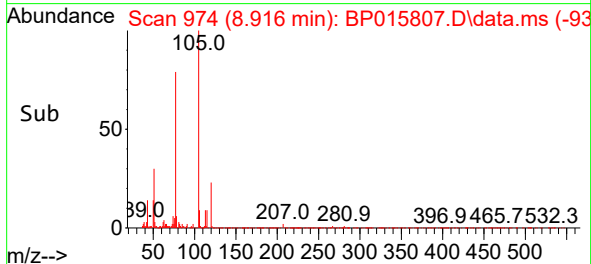
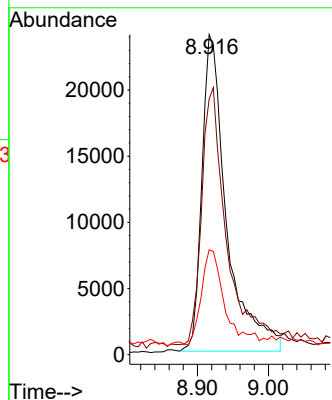
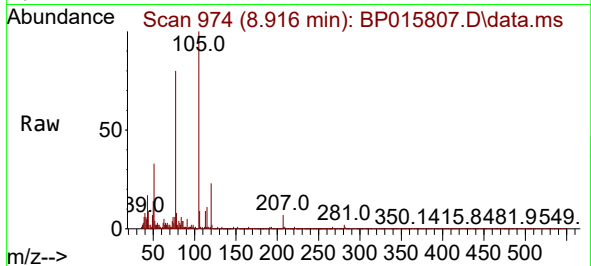




#16
Acetophenone
Concen: 2.446 ng/ul
RT: 8.916 min Scan# 91
Delta R.T. 0.018 min
Lab File: BP015807.D
Acq: 29 Jun 2023 12:57

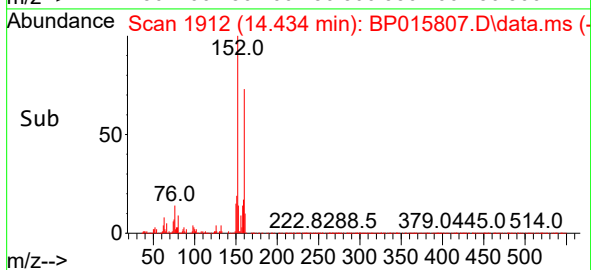
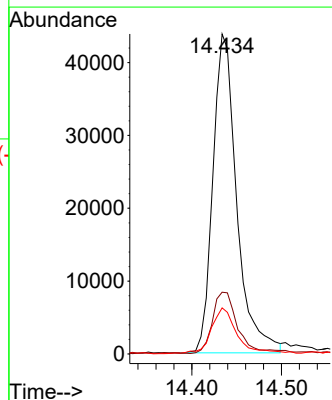
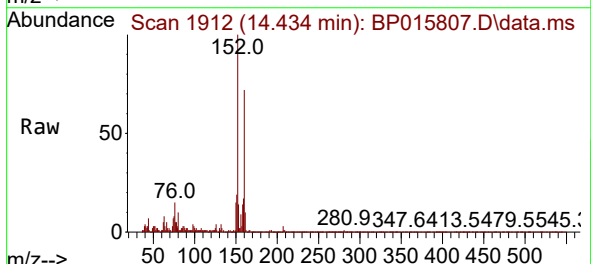
Instrument :
BNA_P
ClientSampleId :

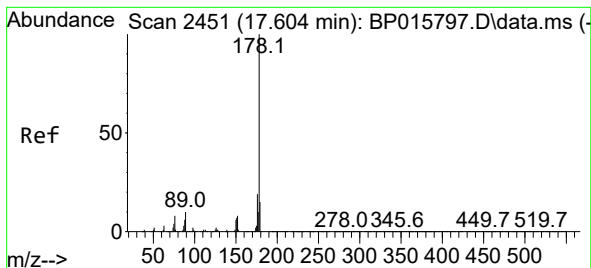
Tgt Ion:105 Resp: 57997
Ion Ratio Lower Upper
105 100
77 79.9 65.0 97.4
51 32.8 25.1 37.7



#50
Acenaphthylene
Concen: 1.724 ng/ul
RT: 14.434 min Scan# 1912
Delta R.T. 0.006 min
Lab File: BP015807.D
Acq: 29 Jun 2023 12:57

Tgt Ion:152 Resp: 80725
Ion Ratio Lower Upper
152 100
151 19.3 16.2 24.2
153 14.4 10.5 15.7





#74

Anthracene

Concen: 1.218 ng/ul

RT: 17.616 min Scan# 2451

Delta R.T. 0.012 min

Lab File: BP015807.D

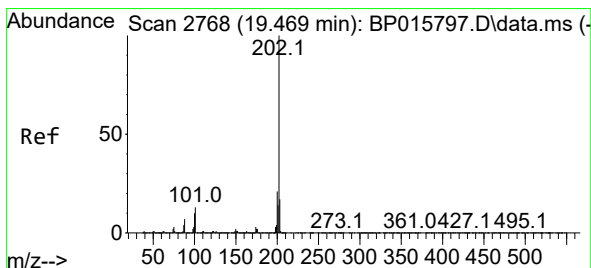
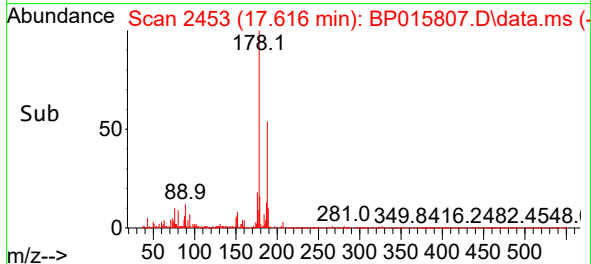
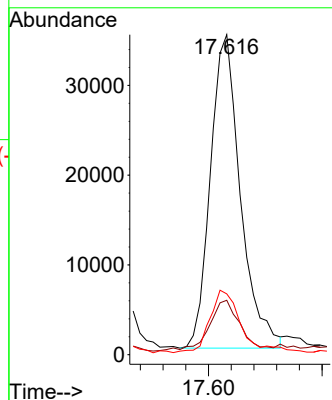
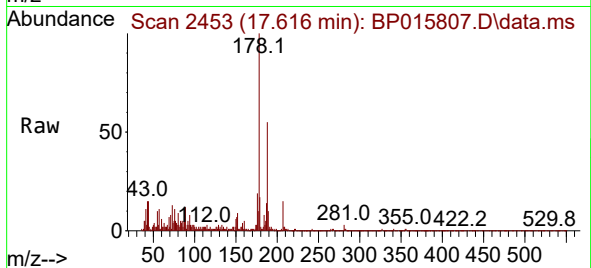
Acq: 29 Jun 2023 12:57

Instrument :

BNA_P

ClientSampleId :

Tgt Ion:178	Resp:	64155
Ion Ratio	Lower	Upper
178	100	
179	17.0	12.1 18.1
176	19.0	14.6 22.0



#80

Fluoranthene

Concen: 5.941 ng/ul

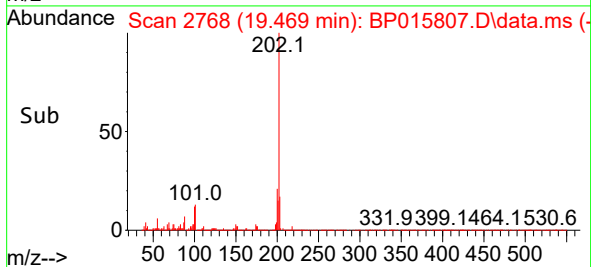
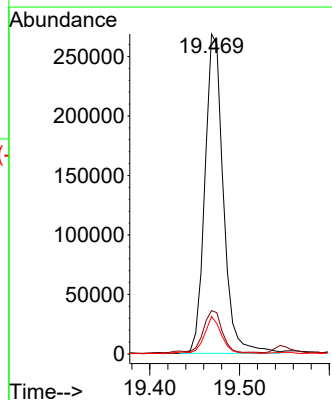
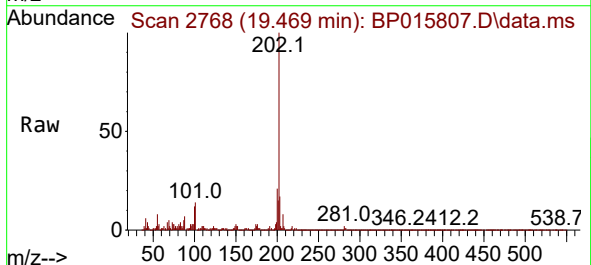
RT: 19.469 min Scan# 2768

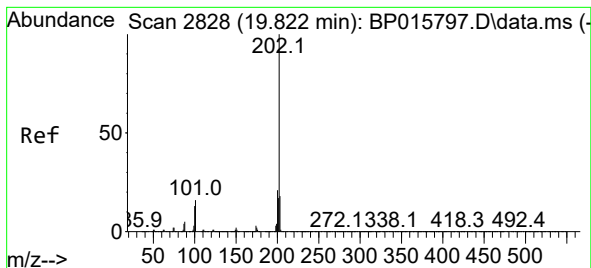
Delta R.T. -0.006 min

Lab File: BP015807.D

Acq: 29 Jun 2023 12:57

Tgt Ion:202	Resp:	382851
Ion Ratio	Lower	Upper
202	100	
101	13.5	8.3 12.5#
100	11.7	6.6 9.8#





#82

Pyrene

Concen: 6.261 ng/ul

RT: 19.822 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP015807.D

Acq: 29 Jun 2023 12:57

Instrument :

BNA_P

ClientSampleId :

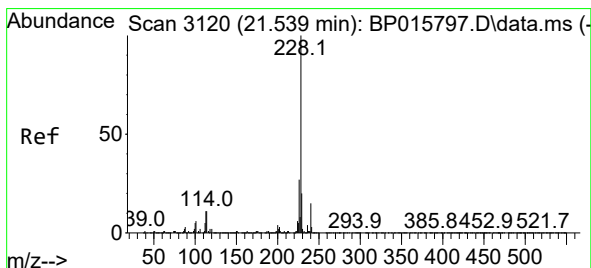
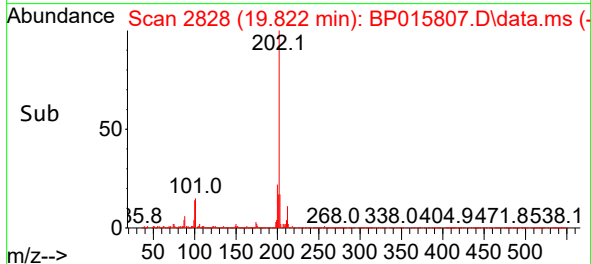
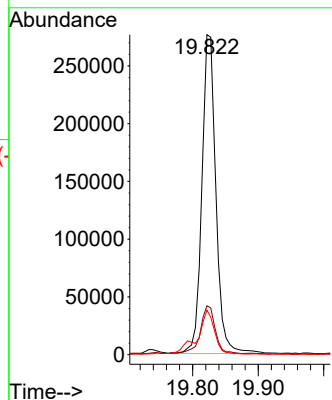
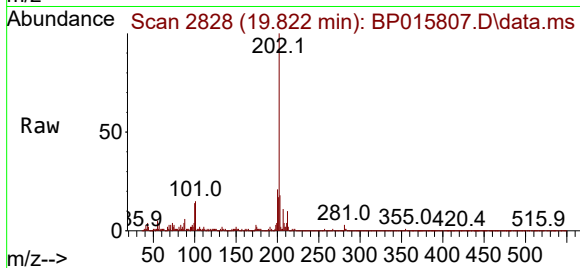
Tgt Ion:202 Resp: 411560

Ion Ratio Lower Upper

202 100

101 15.3 9.3 13.9#

100 13.9 7.6 11.4#



#85

Benzo(a)anthracene

Concen: 4.783 ng/ul

RT: 21.539 min Scan# 3120

Delta R.T. 0.000 min

Lab File: BP015807.D

Acq: 29 Jun 2023 12:57

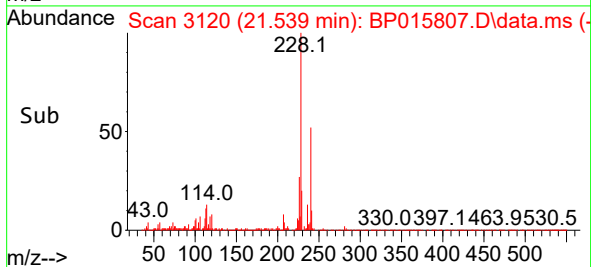
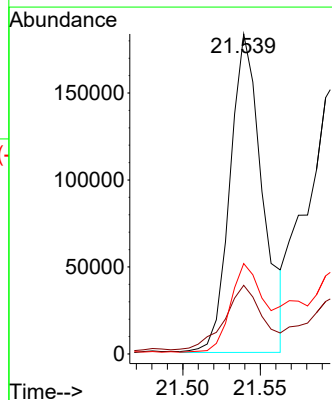
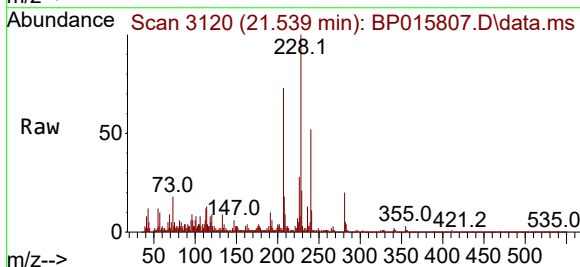
Tgt Ion:228 Resp: 267173

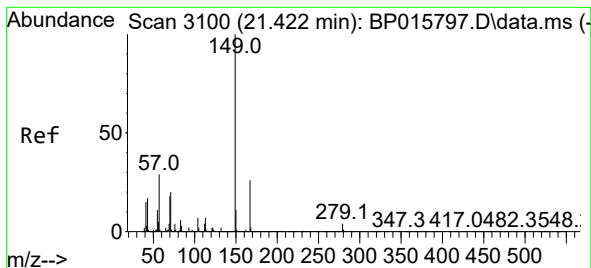
Ion Ratio Lower Upper

228 100

229 21.5 15.3 22.9

226 28.3 21.4 32.0

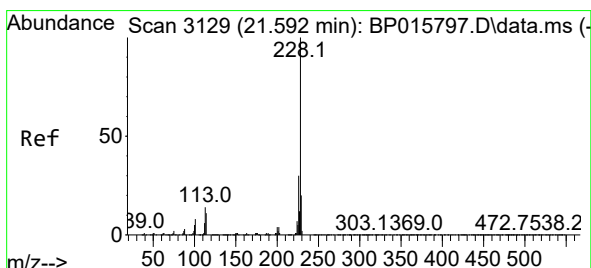
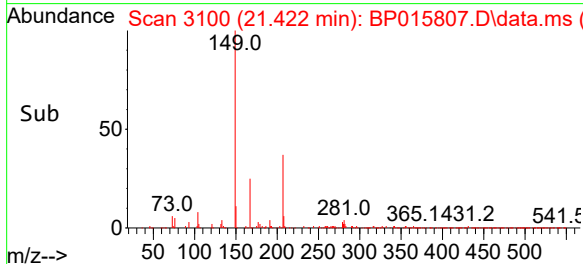
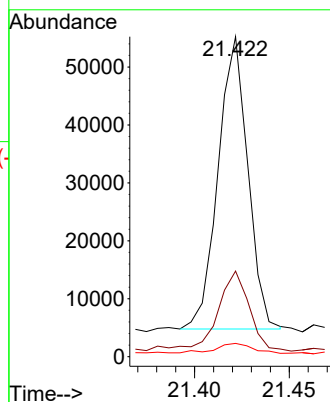
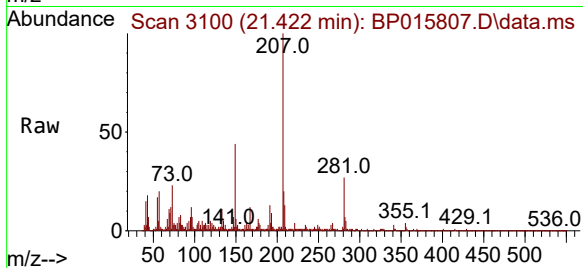




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 1.493 ng/ul
 RT: 21.422 min Scan# 3100
 Delta R.T. 0.000 min
 Lab File: BP015807.D
 Acq: 29 Jun 2023 12:57

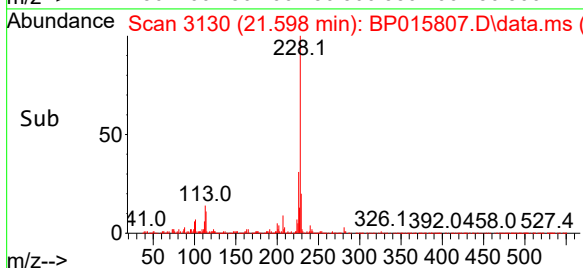
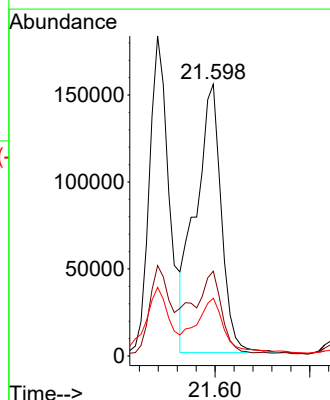
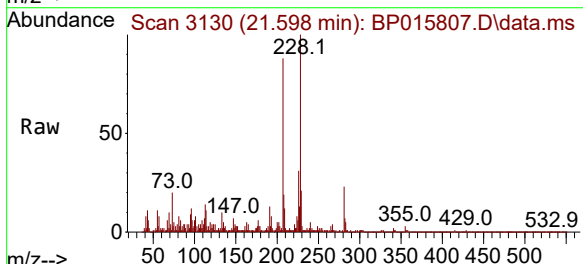
Instrument :
 BNA_P
 ClientSampleId :

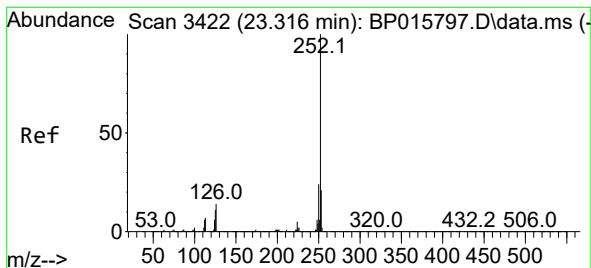
Tgt Ion:149 Resp: 55006
 Ion Ratio Lower Upper
 149 100
 167 26.7 21.0 31.6
 279 4.2 3.8 5.6



#87
 Chrysene
 Concen: 5.471 ng/ul
 RT: 21.598 min Scan# 3130
 Delta R.T. 0.000 min
 Lab File: BP015807.D
 Acq: 29 Jun 2023 12:57

Tgt Ion:228 Resp: 289944
 Ion Ratio Lower Upper
 228 100
 226 31.2 24.3 36.5
 229 21.2 15.5 23.3





#90

Benzo(b)fluoranthene

Concen: 9.963 ng/ul

RT: 23.322 min Scan# 3423

Delta R.T. 0.006 min

Lab File: BP015807.D

Acq: 29 Jun 2023 12:57

Instrument :

BNA_P

ClientSampleId :

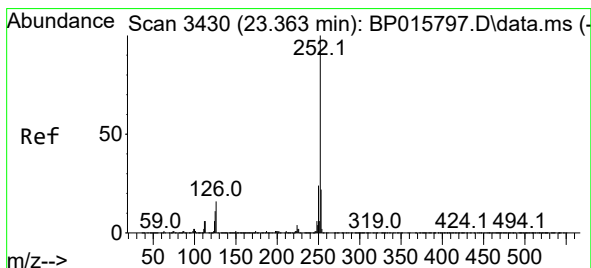
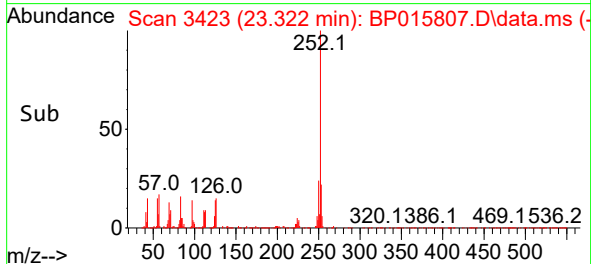
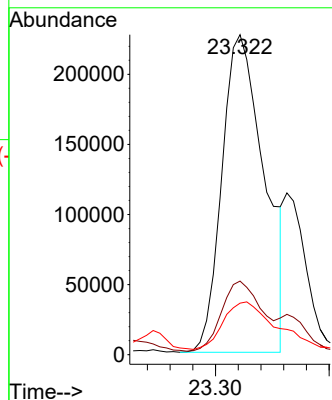
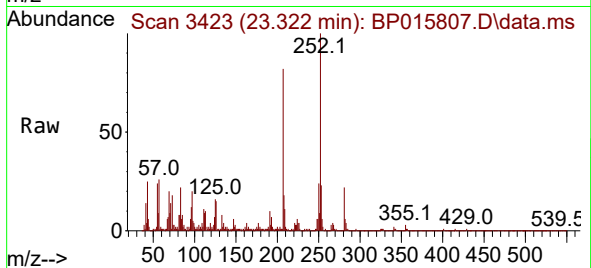
Tgt Ion:252 Resp: 588548

Ion Ratio Lower Upper

252 100

253 23.0 17.3 25.9

125 16.1 7.5 11.3#



#91

Benzo(k)fluoranthene

Concen: 9.861 ng/ul

RT: 23.322 min Scan# 3423

Delta R.T. -0.047 min

Lab File: BP015807.D

Acq: 29 Jun 2023 12:57

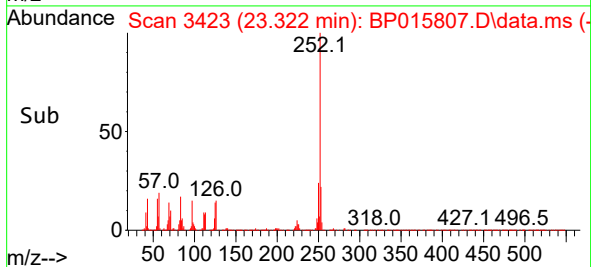
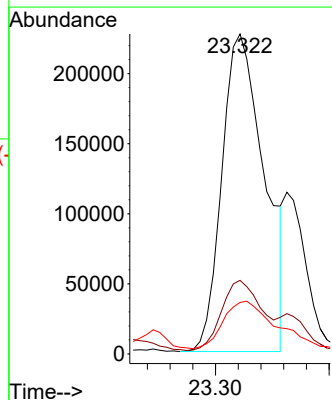
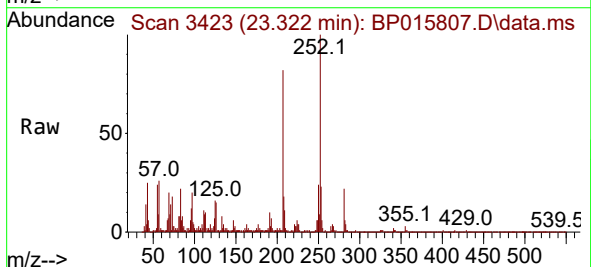
Tgt Ion:252 Resp: 588548

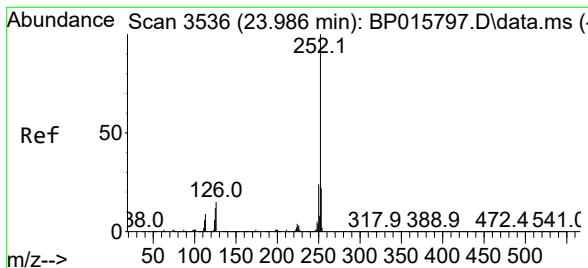
Ion Ratio Lower Upper

252 100

253 23.0 17.0 25.4

125 16.1 7.3 10.9#





#93

Benzo(a)pyrene

Concen: 5.171 ng/ul

RT: 23.986 min Scan# 3

Delta R.T. 0.000 min

Lab File: BP015807.D

Acq: 29 Jun 2023 12:57

Instrument :

BNA_P

ClientSampleId :

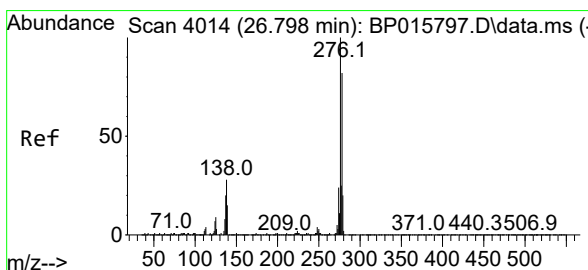
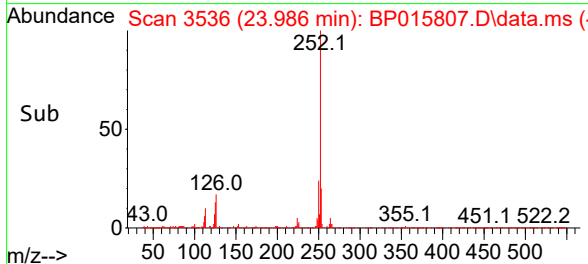
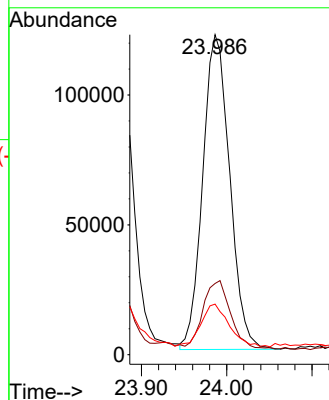
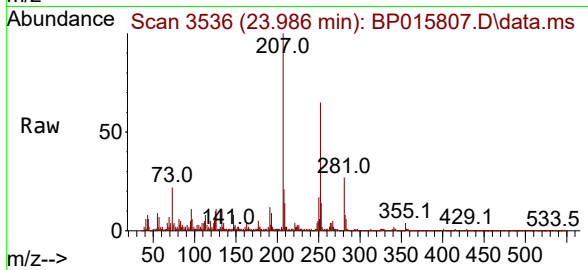
Tgt Ion:252 Resp: 266933

Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

125 15.8 8.2 12.2#



#94

Indeno(1,2,3-cd)pyrene

Concen: 3.443 ng/ul

RT: 26.804 min Scan# 4015

Delta R.T. 0.006 min

Lab File: BP015807.D

Acq: 29 Jun 2023 12:57

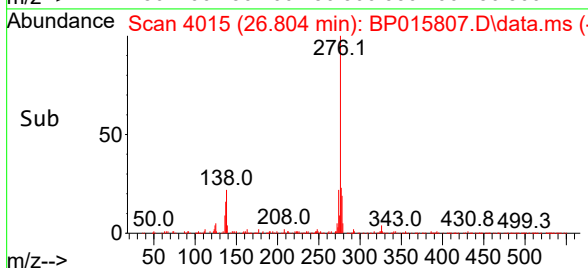
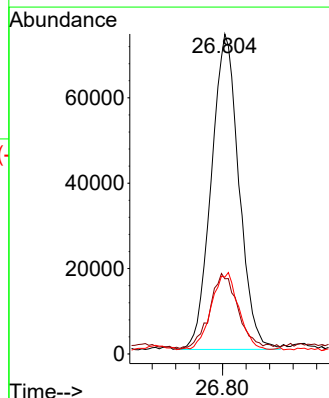
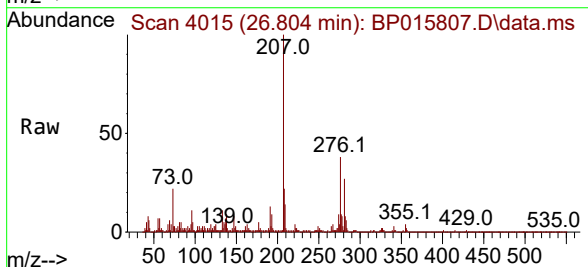
Tgt Ion:276 Resp: 241272

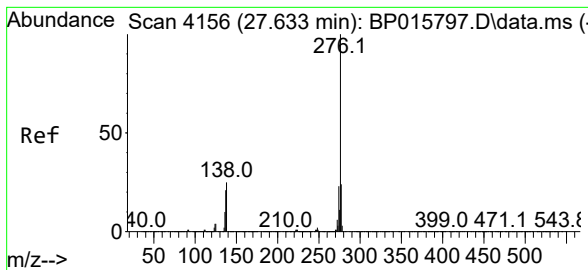
Ion Ratio Lower Upper

276 100

138 23.5 15.7 23.5

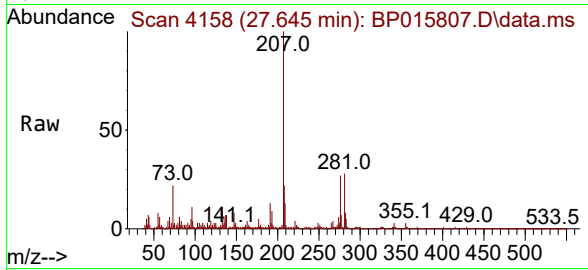
277 24.0 19.6 29.4





#96
 Benzo(g,h,i)perylene
 Concen: 3.335 ng/ul
 RT: 27.645 min Scan# 4158
 Delta R.T. 0.012 min
 Lab File: BP015807.D
 Acq: 29 Jun 2023 12:57

Instrument :
 BNA_P
 ClientSampleId :



Tgt Ion:	276	Resp:	192235
Ion Ratio	Lower	Upper	
276	100		
138	24.7	15.1	22.7#
277	25.2	18.8	28.2

