

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081823\
 Data File : BP016643.D
 Acq On : 18 Aug 2023 16:23
 Operator : MA/JU
 Sample : 03968-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A48H4

Quant Time: Aug 18 22:31:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 17 01:38:34 2023
 Response via : Initial Calibration

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

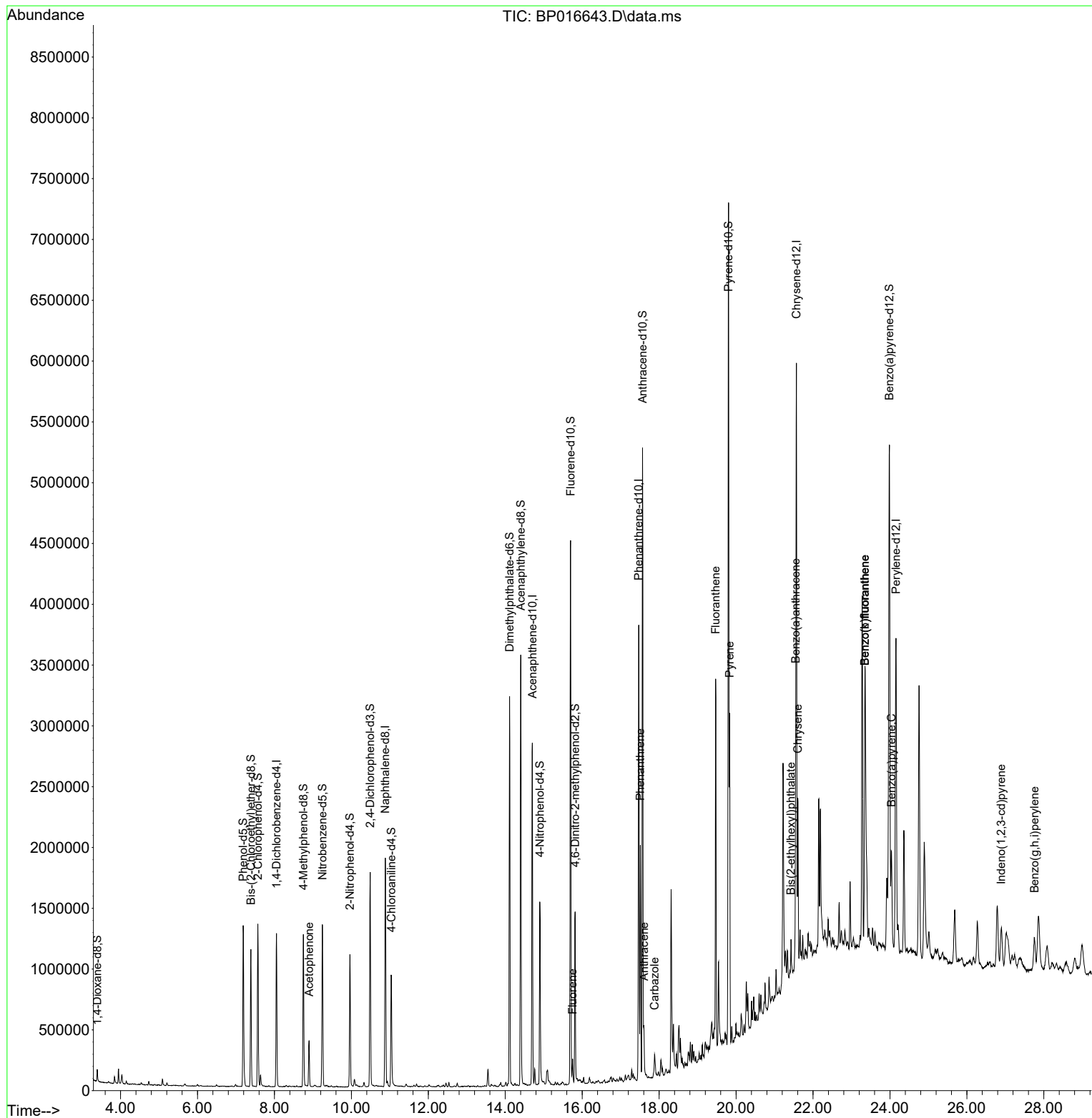
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.052	152	317180	20.000	ng/ul	0.00
20) Naphthalene-d8	10.881	136	1464514	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.704	164	910477	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.469	188	2043259	20.000	ng/ul	0.00
79) Chrysene-d12	21.569	240	1993187	20.000	ng/ul	0.00
88) Perylene-d12	24.157	264	2035856	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	50438	6.043	ng/uL	0.00
4) Pyridine-d5	3.817	84	675	0.027	ng/ul	-0.01
7) Phenol-d5	7.187	99	739811	25.300	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.387	67	494949	25.699	ng/ul	0.00
11) 2-Chlorophenol-d4	7.569	132	567672	27.028	ng/ul	0.00
15) 4-Methylphenol-d8	8.752	113	456598	19.638	ng/ul	0.00
21) Nitrobenzene-d5	9.246	128	293065	28.440	ng/ul	0.00
24) 2-Nitrophenol-d4	9.963	143	309834	31.657	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.487	165	585327	30.389	ng/ul	0.00
31) 4-Chloroaniline-d4	11.040	131	500104	15.133	ng/ul	0.00
46) Dimethylphthalate-d6	14.110	166	1947616	29.575	ng/ul	0.00
49) Acenaphthylene-d8	14.404	160	2224824	29.932	ng/ul	0.00
54) 4-Nitrophenol-d4	14.898	143	337988	25.194	ng/ul	0.00
60) Fluorene-d10	15.698	176	1700074	30.282	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.816	200	248847	25.600	ng/ul	0.00
73) Anthracene-d10	17.569	188	2654674	30.037	ng/ul	0.00
81) Pyrene-d10	19.804	212	3323651	31.824	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.986	264	3093562	31.707	ng/ul	0.01
Target Compounds						
					Qvalue	
16) Acetophenone	8.899	105	190442	5.072	ng/ul	99
61) Fluorene	15.751	166	69782	1.064	ng/ul	99
72) Phenanthrene	17.510	178	1074345	9.980	ng/ul	99
74) Anthracene	17.604	178	234929	2.173	ng/ul	99
77) Carbazole	17.881	167	102880	1.032	ng/ul	99
80) Fluoranthene	19.469	202	1651621	13.250	ng/ul	99
82) Pyrene	19.833	202	1445862	10.985	ng/ul	97
85) Benzo(a)anthracene	21.551	228	738254	5.511	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.427	149	77466	1.007	ng/ul	99
87) Chrysene	21.604	228	755362	6.026	ng/ul	98
90) Benzo(b)fluoranthene	23.345	252	1018383	8.401	ng/ul#	94
91) Benzo(k)fluoranthene	23.345	252	1018383	8.468	ng/ul#	95
93) Benzo(a)pyrene	24.039	252	622720	5.446	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.892	276	382079	2.831	ng/ul	96
96) Benzo(g,h,i)perylene	27.757	276	361149	3.362	ng/ul	99

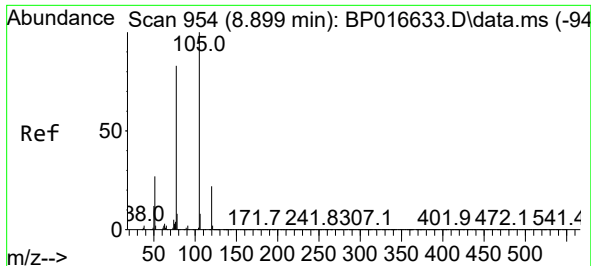
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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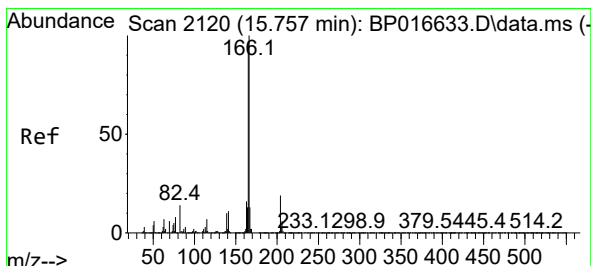
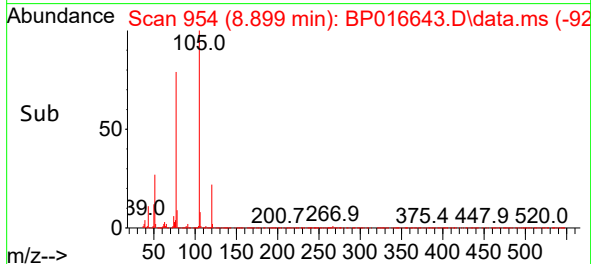
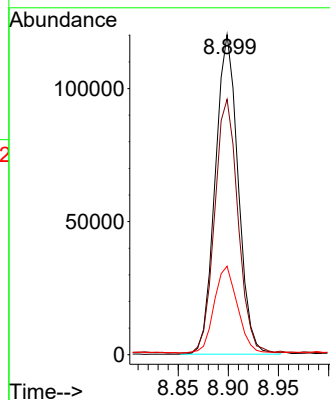
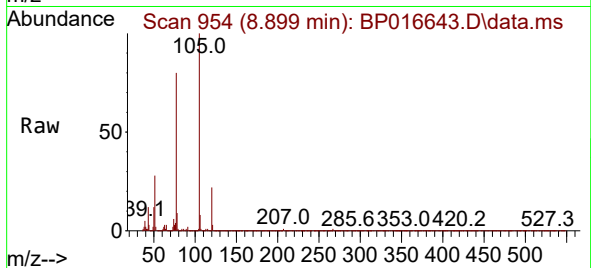




#16
Acetophenone
Concen: 5.072 ng/ul
RT: 8.899 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP016643.D
Acq: 18 Aug 2023 16:23

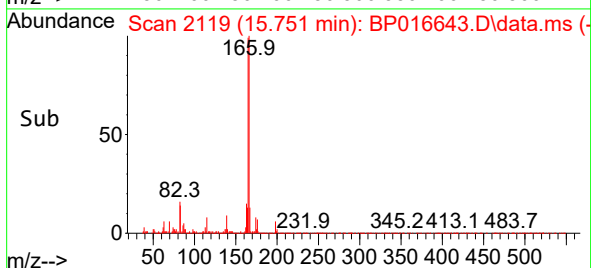
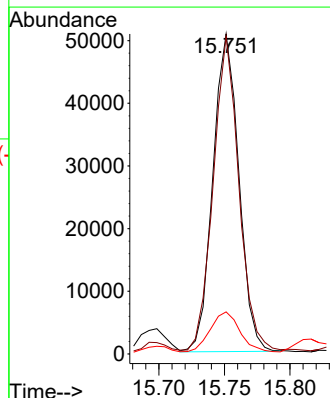
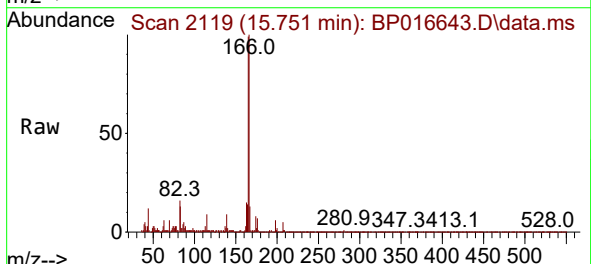
Instrument :
BNA_P
ClientSampleId :
A48H4

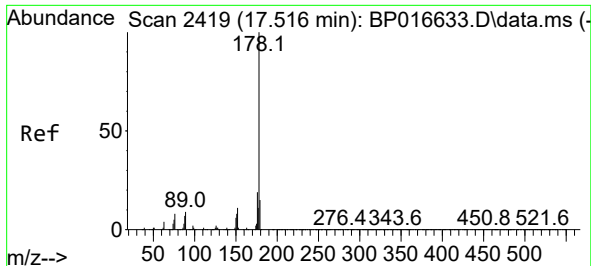
Tgt Ion:105 Resp: 190442
Ion Ratio Lower Upper
105 100
77 79.8 64.4 96.6
51 27.6 21.2 31.8



#61
Fluorene
Concen: 1.064 ng/ul
RT: 15.751 min Scan# 2119
Delta R.T. -0.000 min
Lab File: BP016643.D
Acq: 18 Aug 2023 16:23

Tgt Ion:166 Resp: 69782
Ion Ratio Lower Upper
166 100
165 99.2 78.3 117.5
167 13.1 10.8 16.2

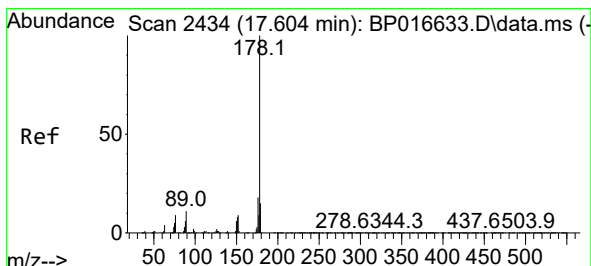
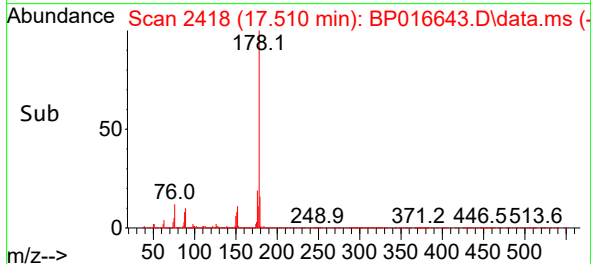
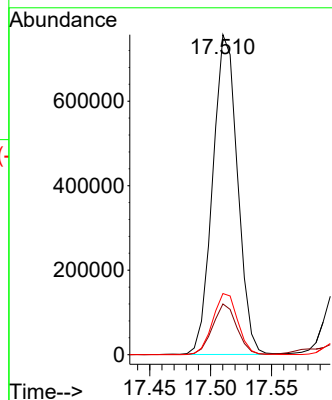
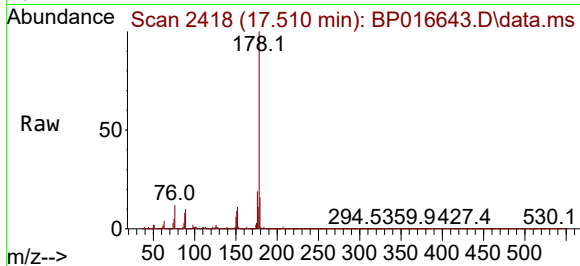




#72
Phenanthrene
Concen: 9.980 ng/ul
RT: 17.510 min Scan# 2419
Delta R.T. -0.000 min
Lab File: BP016643.D
Acq: 18 Aug 2023 16:23

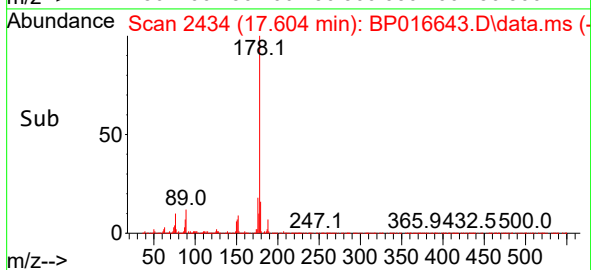
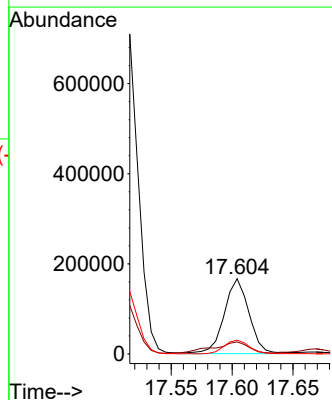
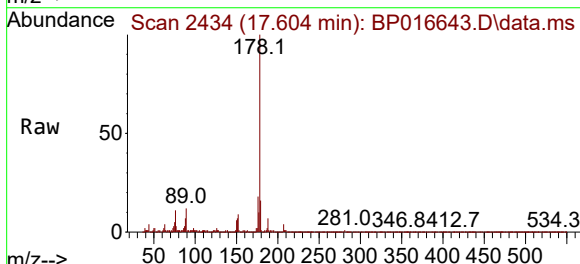
Instrument :
BNA_P
ClientSampleId :
A48H4

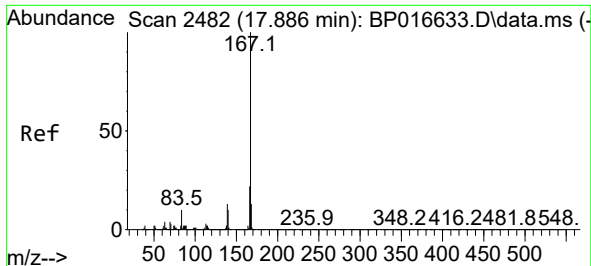
Tgt Ion:178 Resp: 1074345
Ion Ratio Lower Upper
178 100
179 15.8 12.4 18.6
176 19.1 15.5 23.3



#74
Anthracene
Concen: 2.173 ng/ul
RT: 17.604 min Scan# 2434
Delta R.T. -0.000 min
Lab File: BP016643.D
Acq: 18 Aug 2023 16:23

Tgt Ion:178 Resp: 234929
Ion Ratio Lower Upper
178 100
179 16.0 12.5 18.7
176 18.3 14.9 22.3

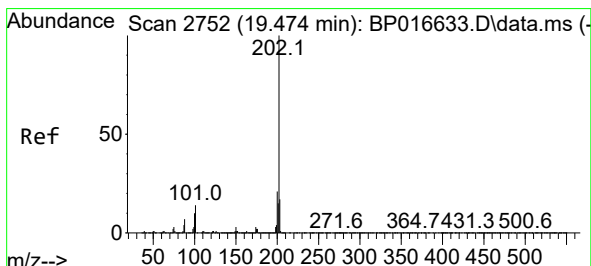
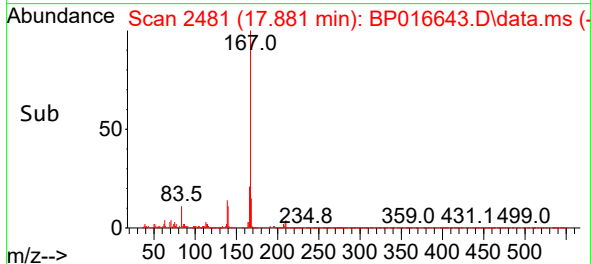
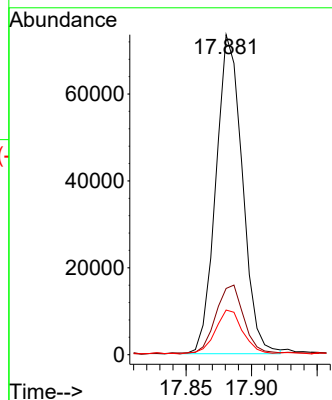
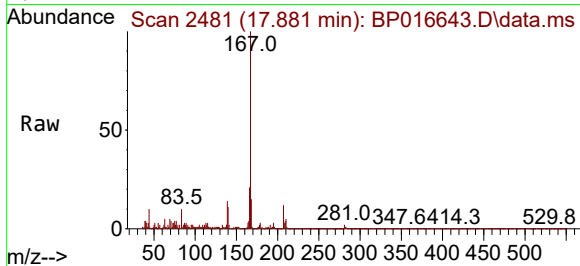




#77
 Carbazole
 Concen: 1.032 ng/ul
 RT: 17.881 min Scan# 2482
 Delta R.T. -0.000 min
 Lab File: BP016643.D
 Acq: 18 Aug 2023 16:23

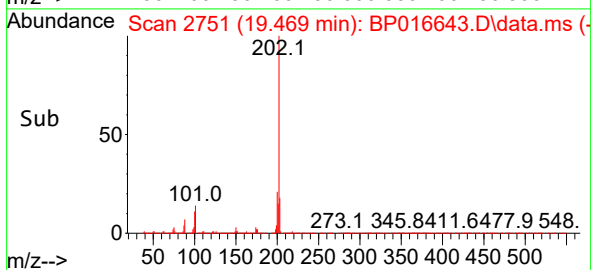
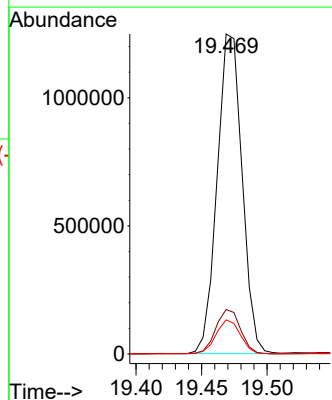
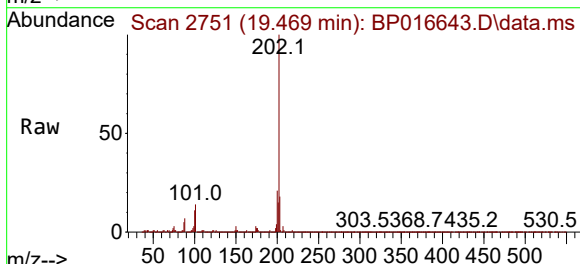
Instrument :
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 ClientSampleId :
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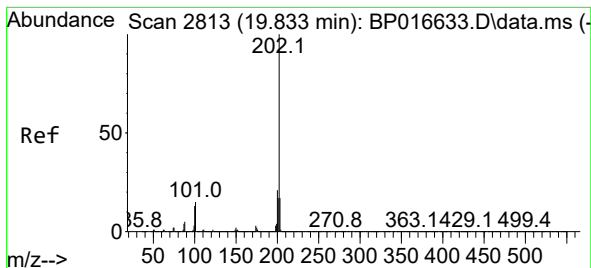
Tgt Ion:167 Resp: 102880
 Ion Ratio Lower Upper
 167 100
 166 20.7 16.8 25.2
 139 13.9 10.6 16.0



#80
 Fluoranthene
 Concen: 13.250 ng/ul
 RT: 19.469 min Scan# 2751
 Delta R.T. -0.000 min
 Lab File: BP016643.D
 Acq: 18 Aug 2023 16:23

Tgt Ion:202 Resp: 1651621
 Ion Ratio Lower Upper
 202 100
 101 13.9 10.6 16.0
 100 10.7 8.1 12.1





#82

Pyrene

Concen: 10.985 ng/ul

RT: 19.833 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP016643.D

Acq: 18 Aug 2023 16:23

Instrument :

BNA_P

ClientSampleId :

A48H4

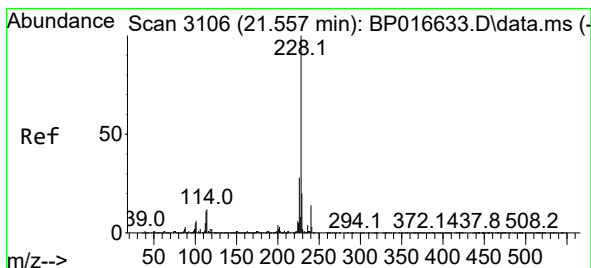
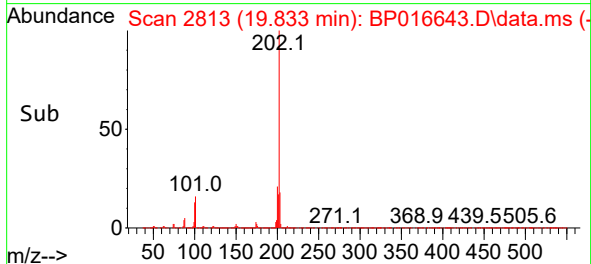
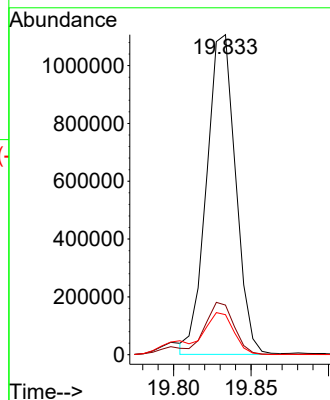
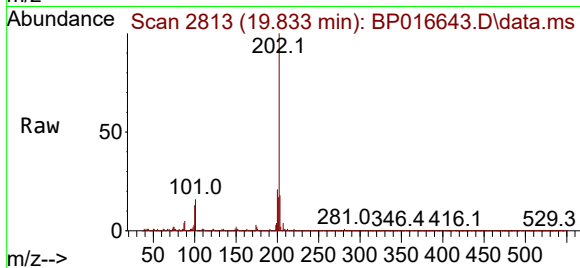
Tgt Ion:202 Resp: 1445862

Ion Ratio Lower Upper

202 100

101 15.5 13.4 20.2

100 12.5 11.0 16.4



#85

Benzo(a)anthracene

Concen: 5.511 ng/ul

RT: 21.551 min Scan# 3105

Delta R.T. 0.006 min

Lab File: BP016643.D

Acq: 18 Aug 2023 16:23

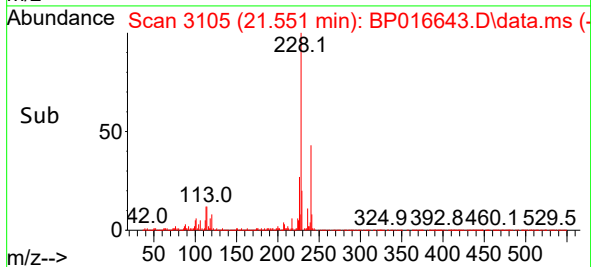
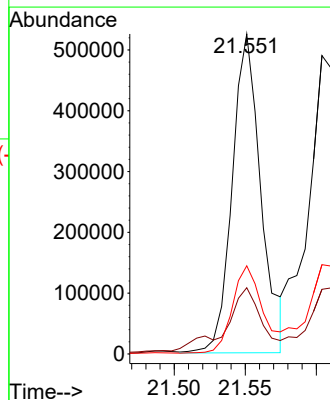
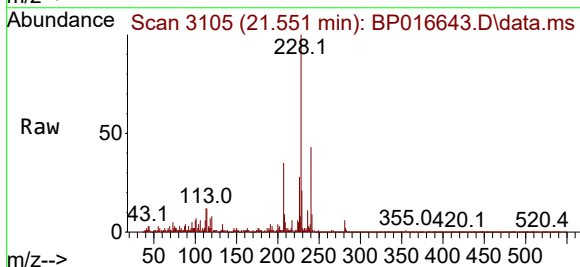
Tgt Ion:228 Resp: 738254

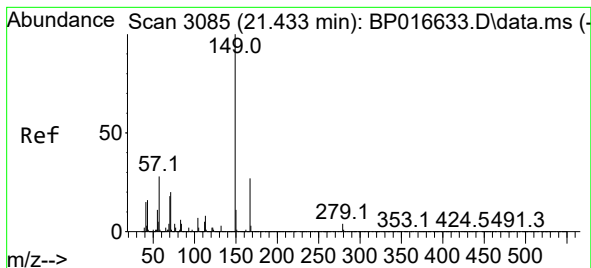
Ion Ratio Lower Upper

228 100

229 20.7 15.8 23.6

226 27.5 21.8 32.6

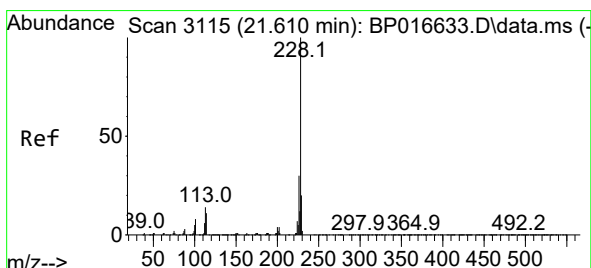
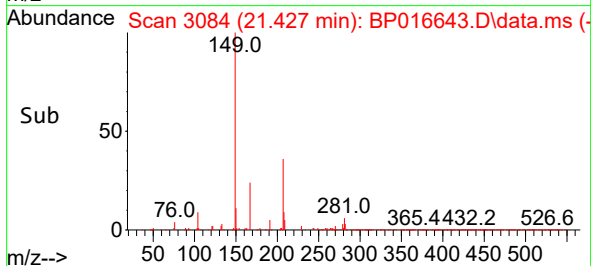
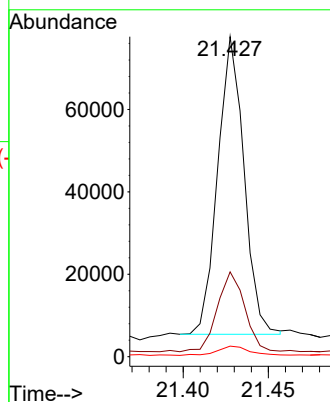
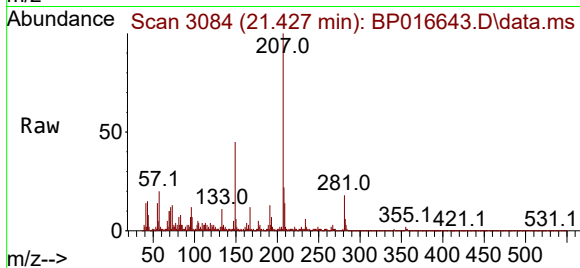




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 1.007 ng/ul
 RT: 21.427 min Scan# 3084
 Delta R.T. 0.006 min
 Lab File: BP016643.D
 Acq: 18 Aug 2023 16:23

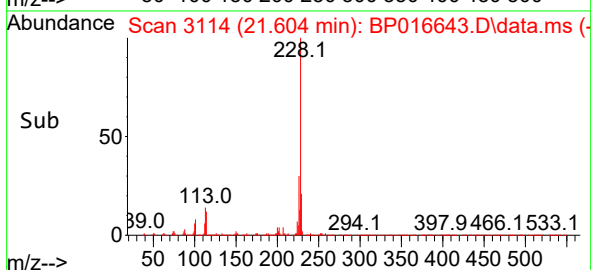
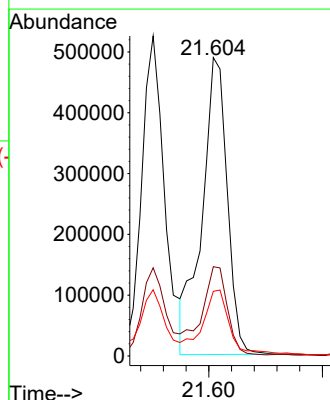
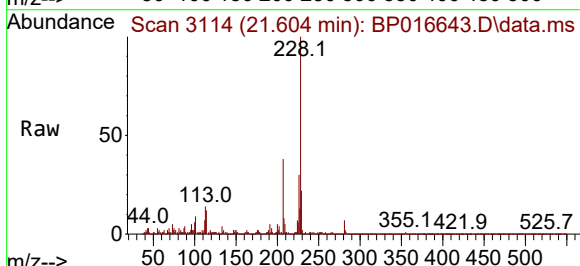
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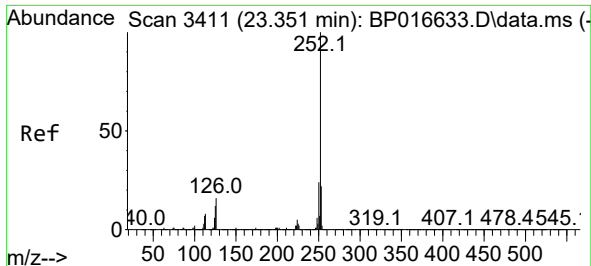
Tgt Ion:149	Resp:	77466
Ion Ratio	Lower	Upper
149	100	
167	26.5	20.9 31.3
279	3.3	2.6 4.0



#87
 Chrysene
 Concen: 6.026 ng/ul
 RT: 21.604 min Scan# 3114
 Delta R.T. -0.000 min
 Lab File: BP016643.D
 Acq: 18 Aug 2023 16:23

Tgt Ion:228	Resp:	755362
Ion Ratio	Lower	Upper
228	100	
226	29.9	24.6 36.8
229	21.7	16.4 24.6

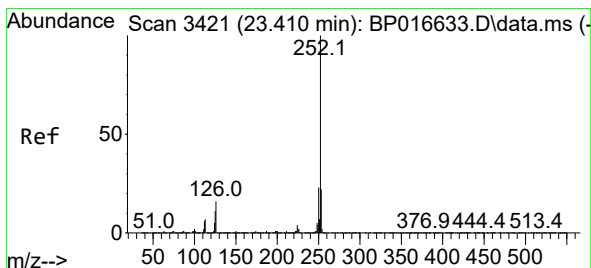
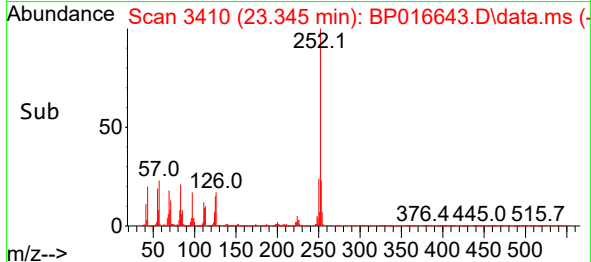
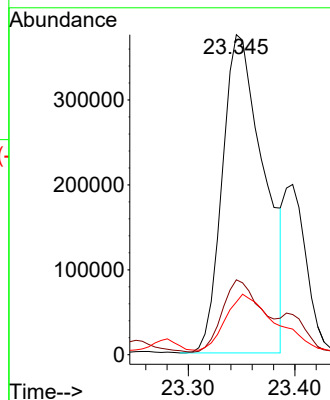
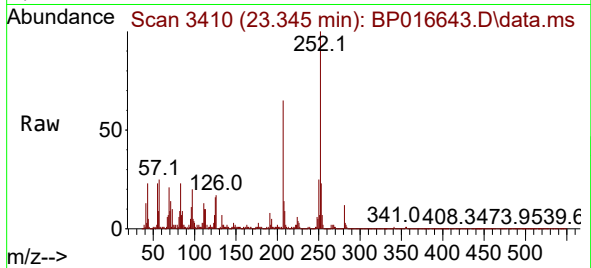




#90
Benzo(b)fluoranthene
Concen: 8.401 ng/ul
RT: 23.345 min Scan# 3410
Delta R.T. 0.006 min
Lab File: BP016643.D
Acq: 18 Aug 2023 16:23

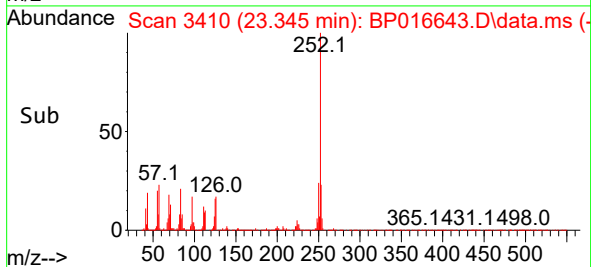
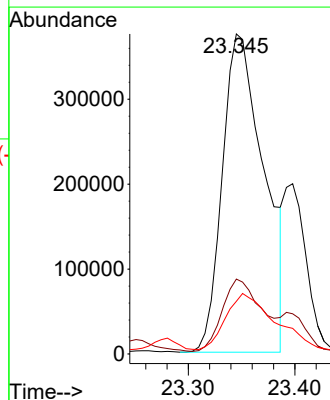
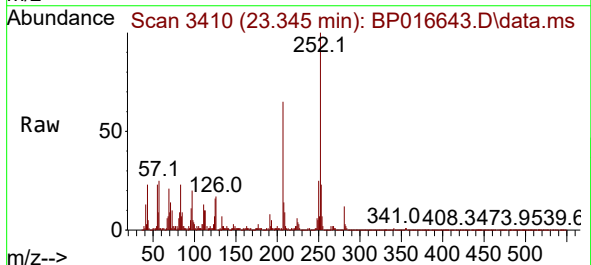
Instrument :
BNA_P
ClientSampleId :
A48H4

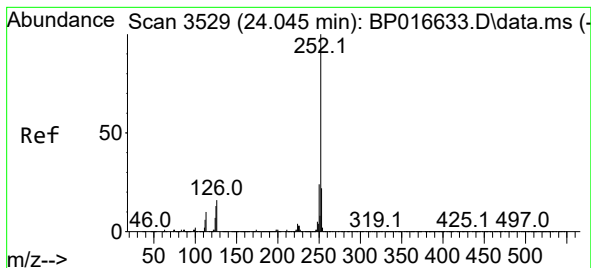
Tgt Ion:252 Resp: 1018383
Ion Ratio Lower Upper
252 100
253 23.4 17.4 26.2
125 16.5 10.0 15.0#



#91
Benzo(k)fluoranthene
Concen: 8.468 ng/ul
RT: 23.345 min Scan# 3410
Delta R.T. -0.047 min
Lab File: BP016643.D
Acq: 18 Aug 2023 16:23

Tgt Ion:252 Resp: 1018383
Ion Ratio Lower Upper
252 100
253 23.4 18.0 27.0
125 16.5 9.8 14.8#





#93

Benzo(a)pyrene

Concen: 5.446 ng/ul

RT: 24.039 min Scan# 3

Delta R.T. 0.012 min

Lab File: BP016643.D

Acq: 18 Aug 2023 16:23

Instrument :

BNA_P

ClientSampleId :

A48H4

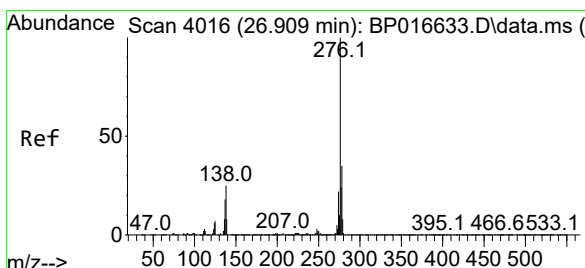
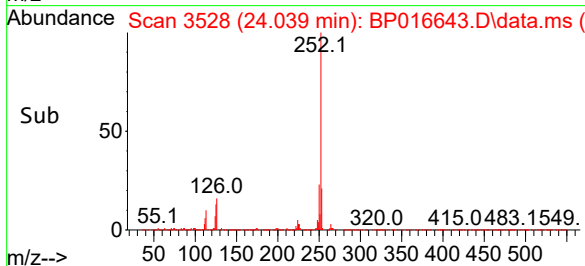
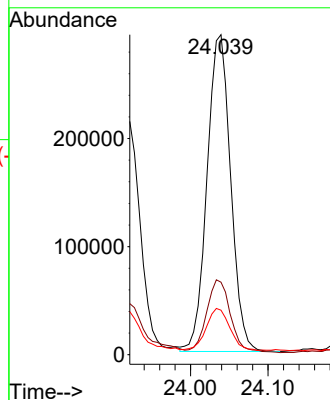
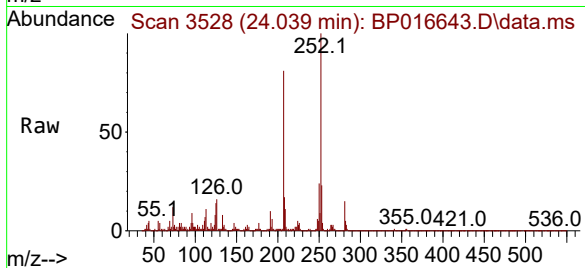
Tgt Ion:252 Resp: 622720

Ion Ratio Lower Upper

252 100

253 22.7 17.7 26.5

125 13.9 10.6 15.8



#94

Indeno(1,2,3-cd)pyrene

Concen: 2.831 ng/ul

RT: 26.892 min Scan# 4013

Delta R.T. 0.006 min

Lab File: BP016643.D

Acq: 18 Aug 2023 16:23

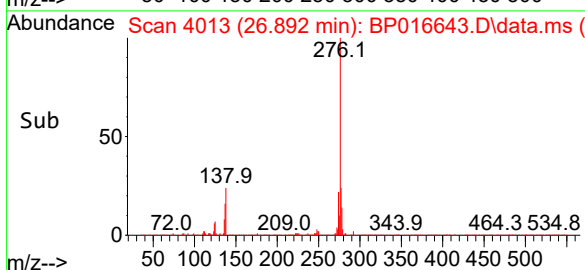
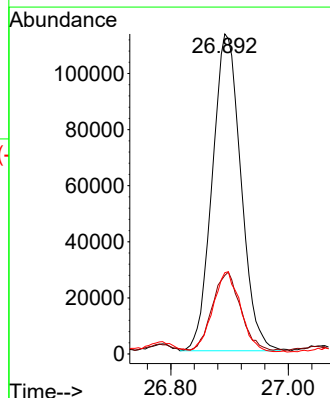
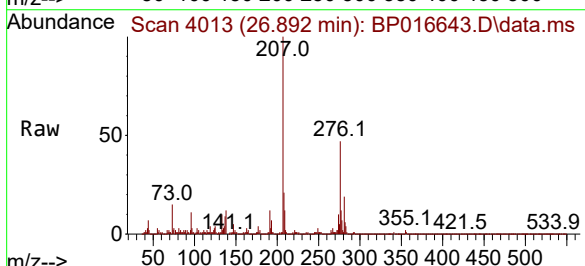
Tgt Ion:276 Resp: 382079

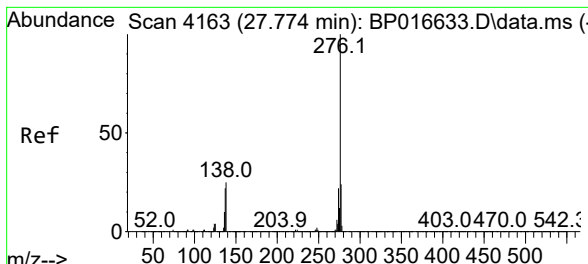
Ion Ratio Lower Upper

276 100

138 24.6 21.7 32.5

277 25.4 19.5 29.3





#96
 Benzo(g,h,i)perylene
 Concen: 3.362 ng/ul
 RT: 27.757 min Scan# 4160
 Delta R.T. 0.012 min
 Lab File: BP016643.D
 Acq: 18 Aug 2023 16:23

Instrument :
 BNA_P
 ClientSampleId :
 A48H4

Tgt Ion: 276 Resp: 361149

Ion	Ratio	Lower	Upper
276	100		
138	26.6	21.5	32.3
277	25.1	19.3	28.9

