

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081823\
 Data File : BP016647.D
 Acq On : 18 Aug 2023 18:39
 Operator : MA/JU
 Sample : 03968-25
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A48P2

Quant Time: Aug 18 22:33:33 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

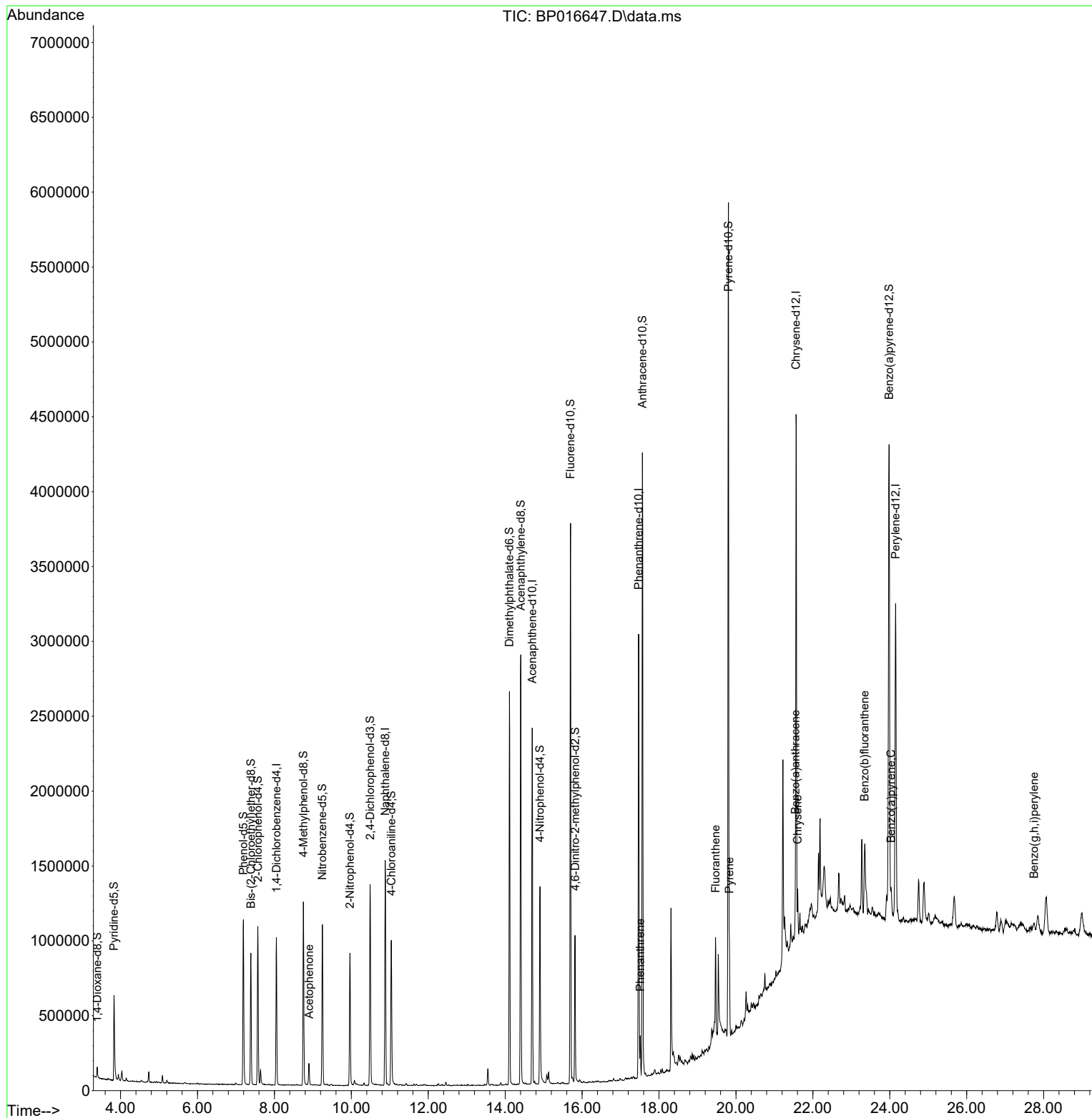
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.052	152	248408	20.000	ng/ul	0.00
20) Naphthalene-d8	10.881	136	1179563	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.704	164	755219	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.469	188	1670538	20.000	ng/ul	0.00
79) Chrysene-d12	21.563	240	1538769	20.000	ng/ul	0.00
88) Perylene-d12	24.151	264	1546713	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	37875	5.794	ng/uL	0.00
4) Pyridine-d5	3.828	84	323525	16.266	ng/ul	0.00
7) Phenol-d5	7.193	99	630522	27.532	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.387	67	394970	26.185	ng/ul	0.00
11) 2-Chlorophenol-d4	7.569	132	448640	27.275	ng/ul	0.00
15) 4-Methylphenol-d8	8.752	113	450047	24.715	ng/ul	0.00
21) Nitrobenzene-d5	9.246	128	236568	28.503	ng/ul	0.00
24) 2-Nitrophenol-d4	9.963	143	251209	31.867	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.487	165	452984	29.200	ng/ul	0.00
31) 4-Chloroaniline-d4	11.040	131	516560	19.407	ng/ul	0.00
46) Dimethylphthalate-d6	14.110	166	1602289	29.333	ng/ul	0.00
49) Acenaphthylene-d8	14.404	160	1805349	29.282	ng/ul	0.00
54) 4-Nitrophenol-d4	14.904	143	308438	27.718	ng/ul	0.00
60) Fluorene-d10	15.698	176	1391234	29.875	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.816	200	169961	21.386	ng/ul	0.00
73) Anthracene-d10	17.569	188	2163075	29.935	ng/ul	0.00
81) Pyrene-d10	19.804	212	2725524	33.804	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.980	264	2385382	32.181	ng/ul	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.899	105	73174	2.488	ng/ul	98
72) Phenanthrene	17.510	178	154044	1.750	ng/ul	98
80) Fluoranthene	19.469	202	353333	3.672	ng/ul	99
82) Pyrene	19.827	202	318939	3.139	ng/ul	99
85) Benzo(a)anthracene	21.545	228	160487	1.552	ng/ul	100
87) Chrysene	21.604	228	180352	1.864	ng/ul	95
90) Benzo(b)fluoranthene	23.345	252	249567	2.710	ng/ul#	91
93) Benzo(a)pyrene	24.033	252	143553	1.652	ng/ul#	93
96) Benzo(g,h,i)perylene	27.751	276	83552	1.024	ng/ul	100

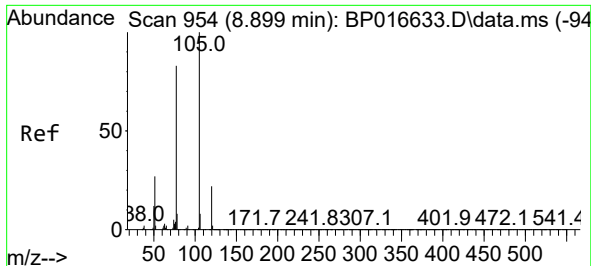
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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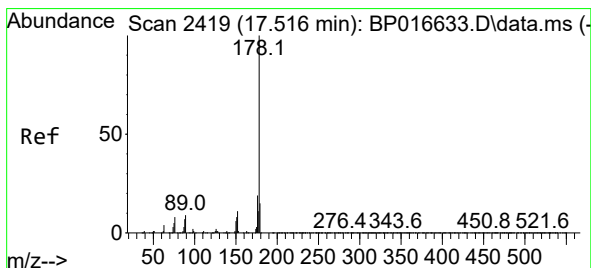
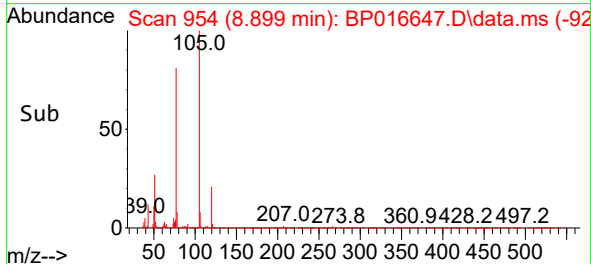
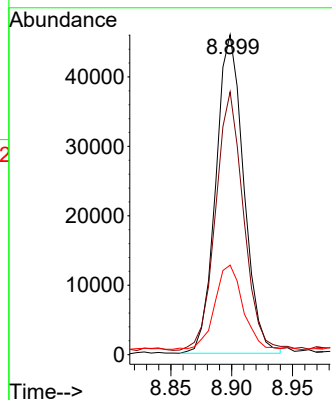
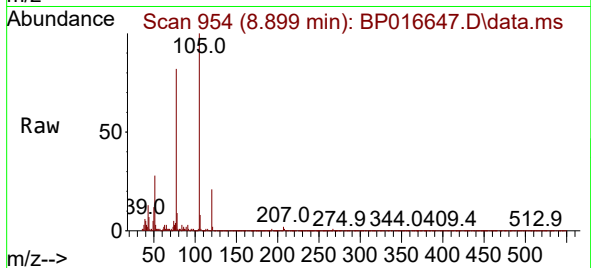




#16
Acetophenone
Concen: 2.488 ng/ul
RT: 8.899 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP016647.D
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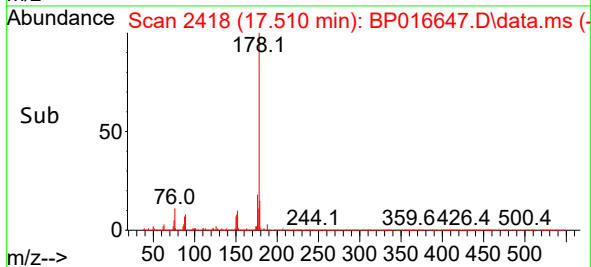
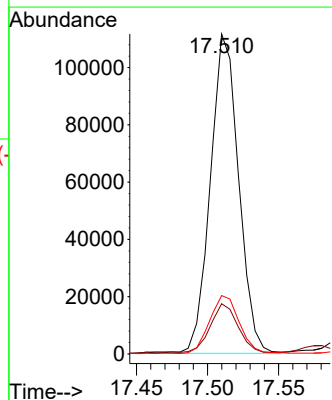
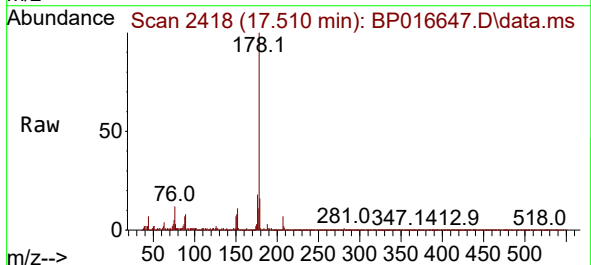
Instrument :
BNA_P
ClientSampleId :
A48P2

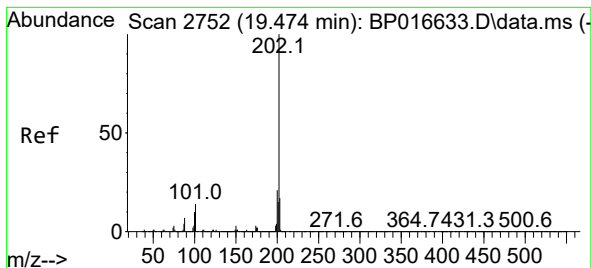
Tgt Ion:105 Resp: 73174
Ion Ratio Lower Upper
105 100
77 82.2 64.4 96.6
51 28.0 21.2 31.8



#72
Phenanthrene
Concen: 1.750 ng/ul
RT: 17.510 min Scan# 2418
Delta R.T. -0.000 min
Lab File: BP016647.D
Acq: 18 Aug 2023 18:39

Tgt Ion:178 Resp: 154044
Ion Ratio Lower Upper
178 100
179 15.7 12.4 18.6
176 18.3 15.5 23.3





#80

Fluoranthene

Concen: 3.672 ng/ul

RT: 19.469 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP016647.D

Acq: 18 Aug 2023 18:39

Instrument :

BNA_P

ClientSampleId :

A48P2

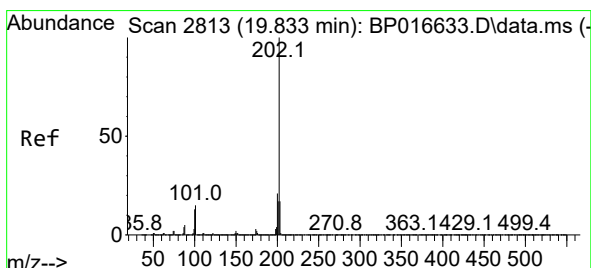
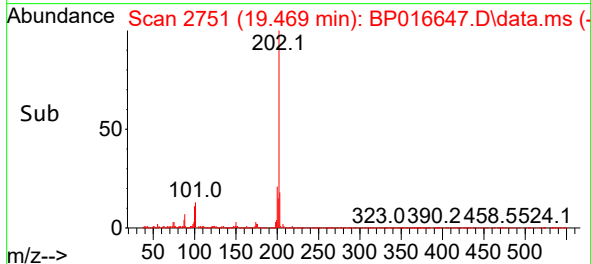
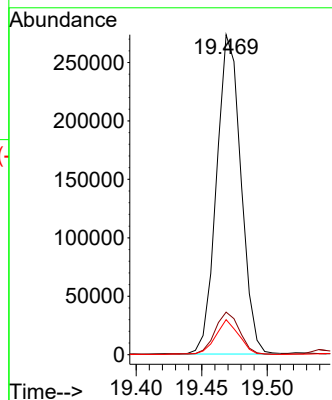
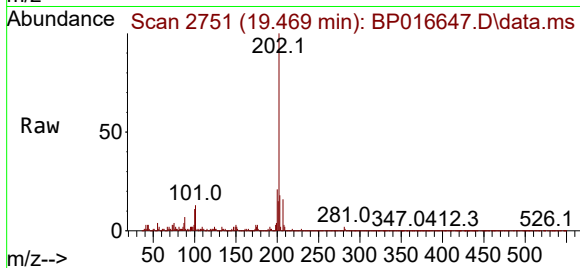
Tgt Ion:202 Resp: 353333

Ion Ratio Lower Upper

202 100

101 13.3 10.6 16.0

100 11.0 8.1 12.1



#82

Pyrene

Concen: 3.139 ng/ul

RT: 19.827 min Scan# 2812

Delta R.T. -0.000 min

Lab File: BP016647.D

Acq: 18 Aug 2023 18:39

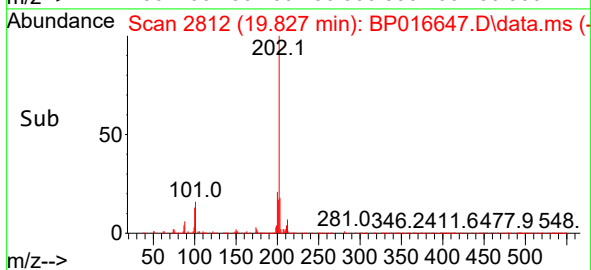
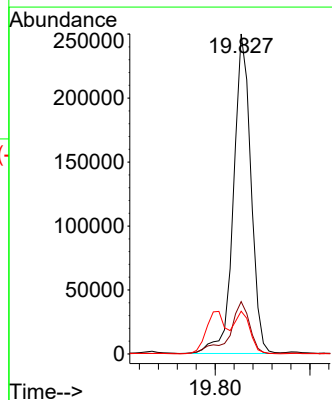
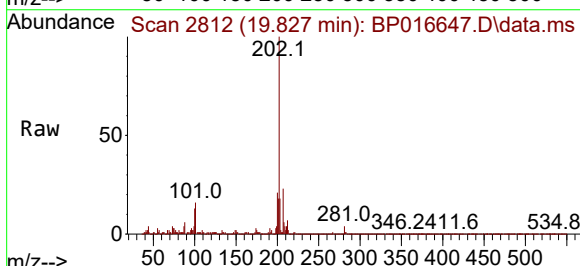
Tgt Ion:202 Resp: 318939

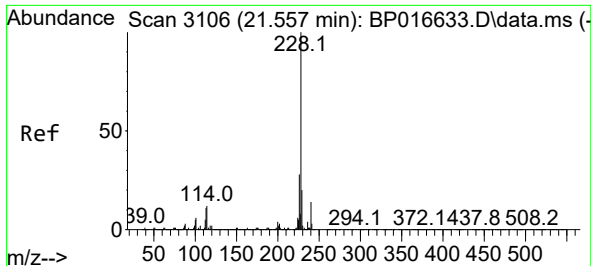
Ion Ratio Lower Upper

202 100

101 16.3 13.4 20.2

100 13.4 11.0 16.4

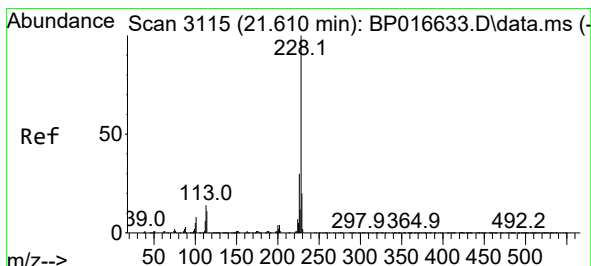
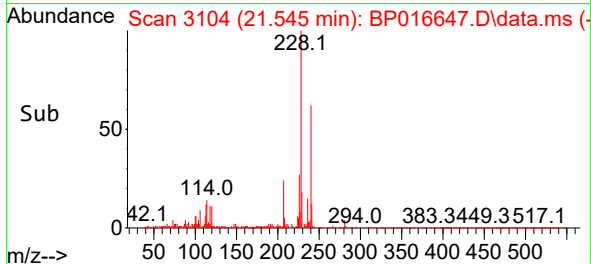
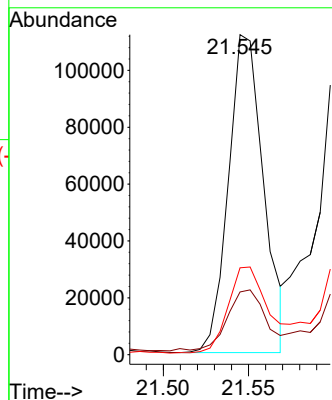
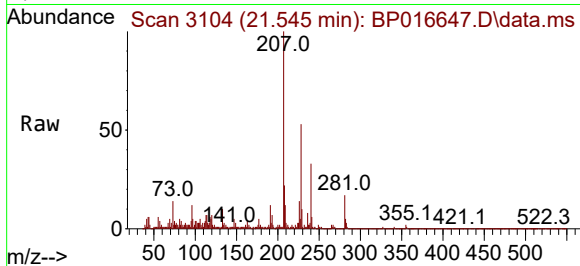




#85
Benzo(a)anthracene
Concen: 1.552 ng/ul
RT: 21.545 min Scan# 3104
Delta R.T. -0.000 min
Lab File: BP016647.D
Acq: 18 Aug 2023 18:39

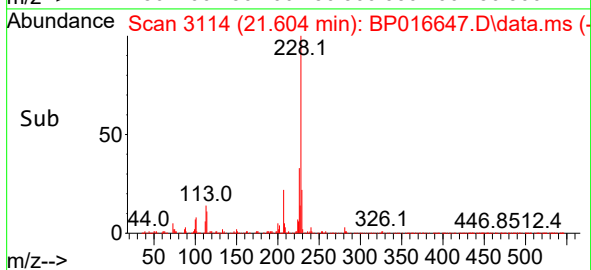
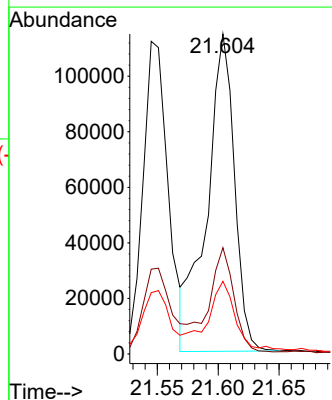
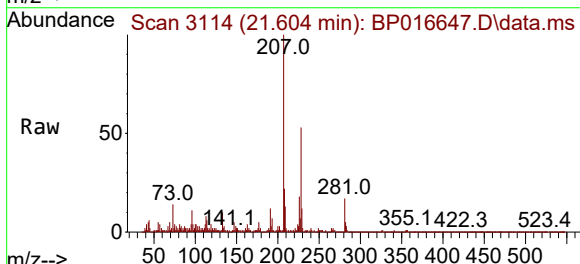
Instrument :
BNA_P
ClientSampleId :
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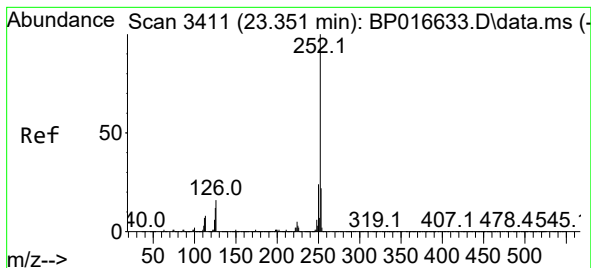
Tgt Ion:228 Resp: 160487
Ion Ratio Lower Upper
228 100
229 19.6 15.8 23.6
226 27.1 21.8 32.6



#87
Chrysene
Concen: 1.864 ng/ul
RT: 21.604 min Scan# 3114
Delta R.T. -0.000 min
Lab File: BP016647.D
Acq: 18 Aug 2023 18:39

Tgt Ion:228 Resp: 180352
Ion Ratio Lower Upper
228 100
226 33.2 24.6 36.8
229 22.7 16.4 24.6





#90

Benzo(b)fluoranthene

Concen: 2.710 ng/ul

RT: 23.345 min Scan# 3411

Delta R.T. 0.006 min

Lab File: BP016647.D

Acq: 18 Aug 2023 18:39

Instrument :

BNA_P

ClientSampleId :

A48P2

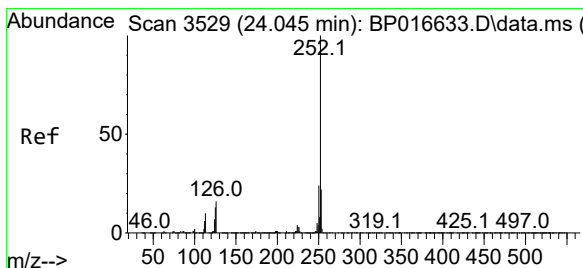
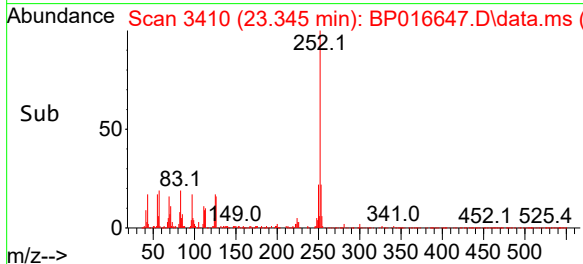
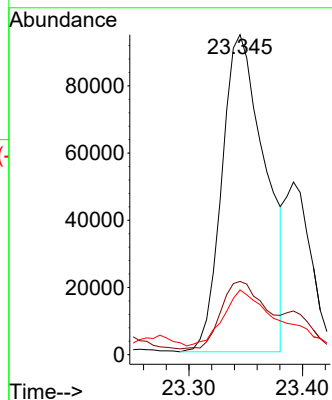
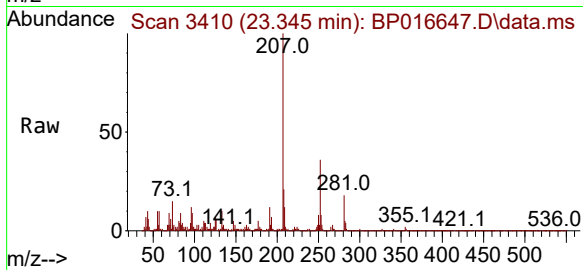
Tgt Ion:252 Resp: 249567

Ion Ratio Lower Upper

252 100

253 22.9 17.4 26.2

125 20.2 10.0 15.0#



#93

Benzo(a)pyrene

Concen: 1.652 ng/ul

RT: 24.033 min Scan# 3527

Delta R.T. 0.006 min

Lab File: BP016647.D

Acq: 18 Aug 2023 18:39

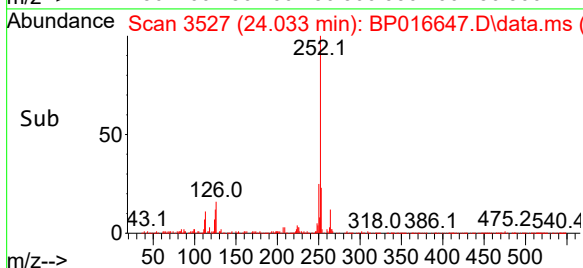
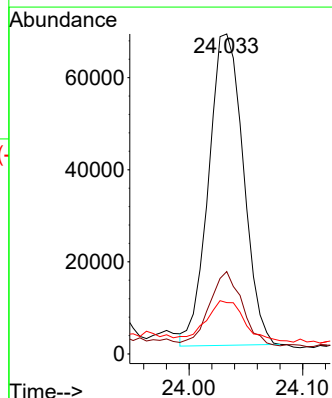
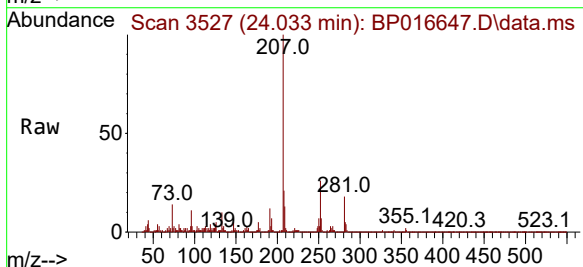
Tgt Ion:252 Resp: 143553

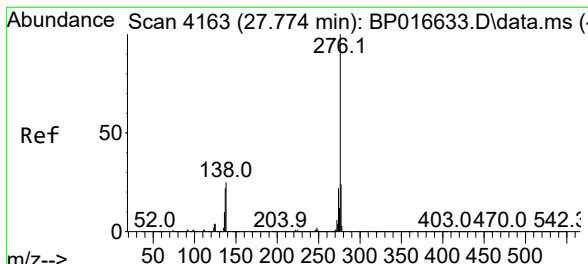
Ion Ratio Lower Upper

252 100

253 25.7 17.7 26.5

125 16.0 10.6 15.8#





#96
 Benzo(g,h,i)perylene
 Concen: 1.024 ng/ul
 RT: 27.751 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: BP016647.D
 Acq: 18 Aug 2023 18:39

Instrument :
 BNA_P
 ClientSampleId :
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Tgt Ion:	276	Resp:	83552
Ion Ratio	Lower	Upper	
276	100		
138	26.5	21.5	32.3
277	24.0	19.3	28.9

