

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081823\
 Data File : BP016649.D
 Acq On : 18 Aug 2023 19:47
 Operator : MA/JU
 Sample : 03968-27
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A48P4

Quant Time: Aug 18 22:33:57 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

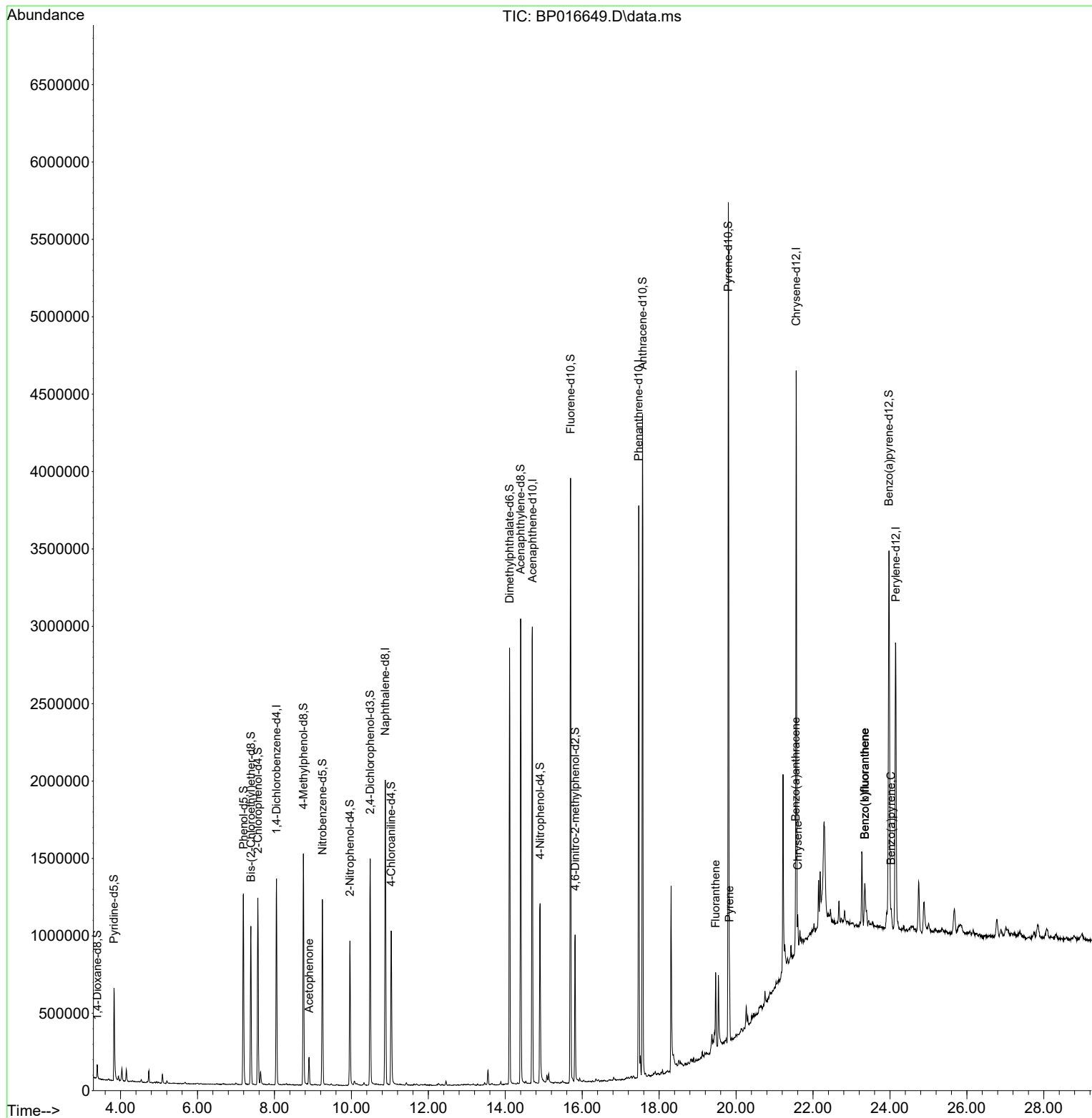
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.052	152	331465	20.000	ng/ul	0.00
20) Naphthalene-d8	10.881	136	1524252	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.704	164	958699	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.469	188	2081871	20.000	ng/ul	0.00
79) Chrysene-d12	21.563	240	1657507	20.000	ng/ul	0.00
88) Perylene-d12	24.151	264	1417651	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	45762	5.246	ng/uL	0.00
4) Pyridine-d5	3.828	84	337087	12.701	ng/ul	0.00
7) Phenol-d5	7.193	99	711926	23.297	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.387	67	447228	22.220	ng/ul	0.00
11) 2-Chlorophenol-d4	7.569	132	513071	23.376	ng/ul	0.00
15) 4-Methylphenol-d8	8.752	113	536124	22.064	ng/ul	0.00
21) Nitrobenzene-d5	9.246	128	264317	24.645	ng/ul	0.00
24) 2-Nitrophenol-d4	9.963	143	271743	26.677	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.487	165	495838	24.734	ng/ul	0.00
31) 4-Chloroaniline-d4	11.034	131	533100	15.499	ng/ul	0.00
46) Dimethylphthalate-d6	14.110	166	1697826	24.485	ng/ul	0.00
49) Acenaphthylene-d8	14.398	160	1914038	24.455	ng/ul	0.00
54) 4-Nitrophenol-d4	14.904	143	278719	19.731	ng/ul	0.00
60) Fluorene-d10	15.698	176	1470038	24.867	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.816	200	165433	16.703	ng/ul	0.00
73) Anthracene-d10	17.569	188	2233061	24.798	ng/ul	0.00
81) Pyrene-d10	19.798	212	2698479	31.071	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.974	264	1818231	26.763	ng/ul	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.899	105	91227	2.325	ng/ul	100
80) Fluoranthene	19.469	202	253776	2.448	ng/ul	98
82) Pyrene	19.828	202	227838	2.082	ng/ul	99
85) Benzo(a)anthracene	21.545	228	114229	1.025	ng/ul	98
87) Chrysene	21.604	228	128042	1.228	ng/ul	97
90) Benzo(b)fluoranthene	23.345	252	140414	1.663	ng/ul#	90
91) Benzo(k)fluoranthene	23.345	252	140414	1.677	ng/ul#	90
93) Benzo(a)pyrene	24.027	252	87183	1.095	ng/ul#	92

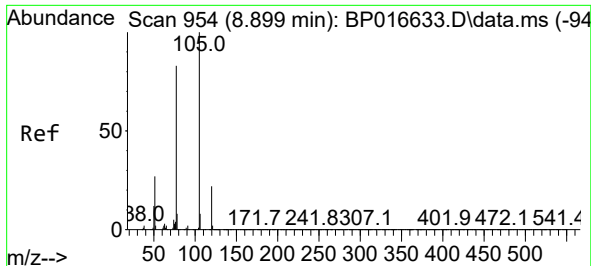
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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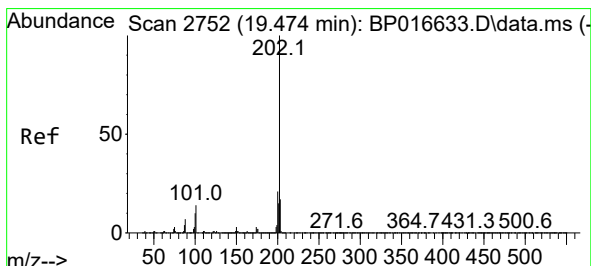
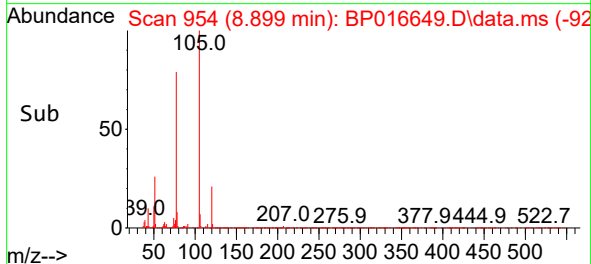
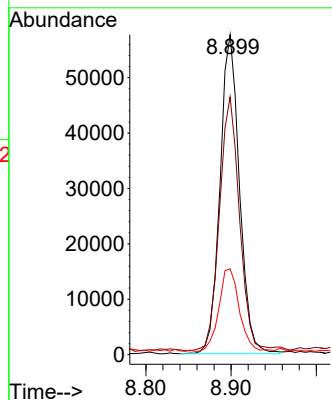
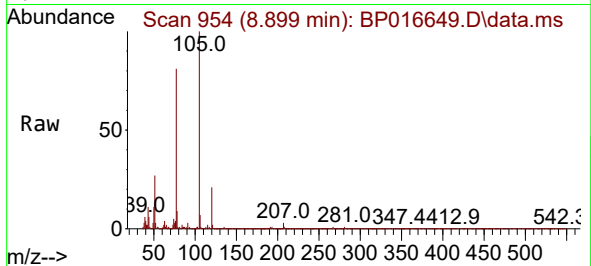




#16
Acetophenone
Concen: 2.325 ng/ul
RT: 8.899 min Scan# 912
Delta R.T. 0.000 min
Lab File: BP016649.D
Acq: 18 Aug 2023 19:47

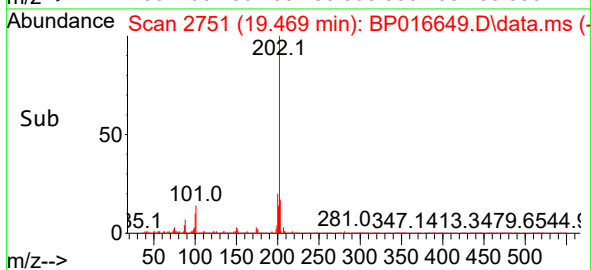
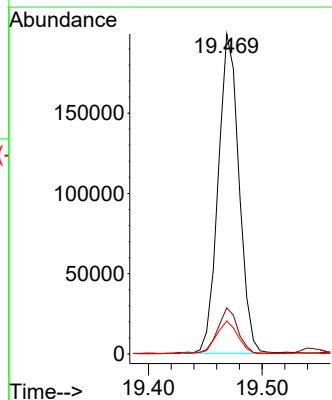
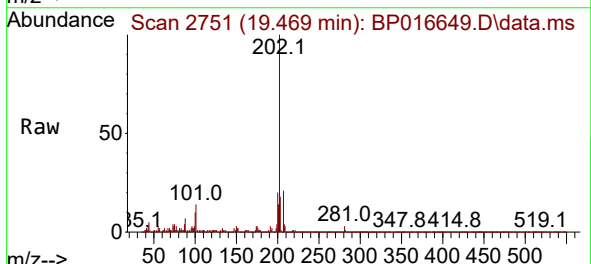
Instrument :
BNA_P
ClientSampleId :
A48P4

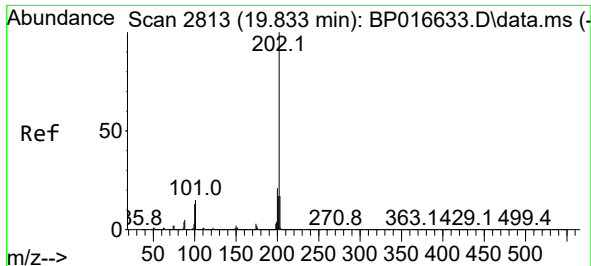
Tgt Ion:105 Resp: 91227
Ion Ratio Lower Upper
105 100
77 80.6 64.4 96.6
51 26.9 21.2 31.8



#80
Fluoranthene
Concen: 2.448 ng/ul
RT: 19.469 min Scan# 2751
Delta R.T. 0.000 min
Lab File: BP016649.D
Acq: 18 Aug 2023 19:47

Tgt Ion:202 Resp: 253776
Ion Ratio Lower Upper
202 100
101 14.4 10.6 16.0
100 10.3 8.1 12.1

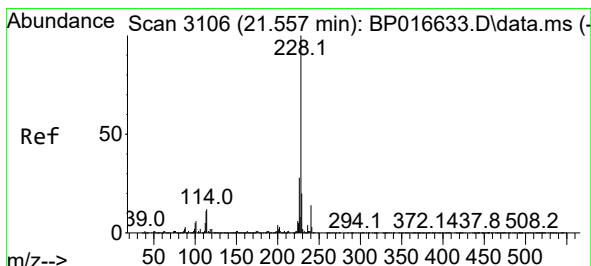
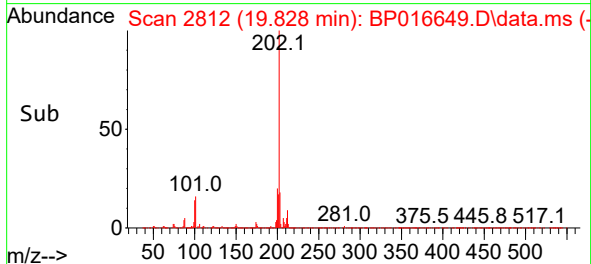
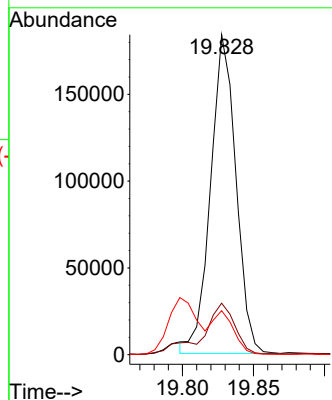
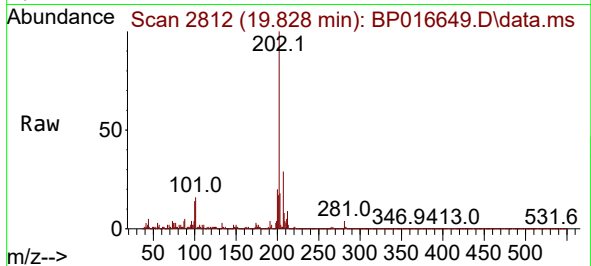




#82
 Pyrene
 Concen: 2.082 ng/ul
 RT: 19.828 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BP016649.D
 Acq: 18 Aug 2023 19:47

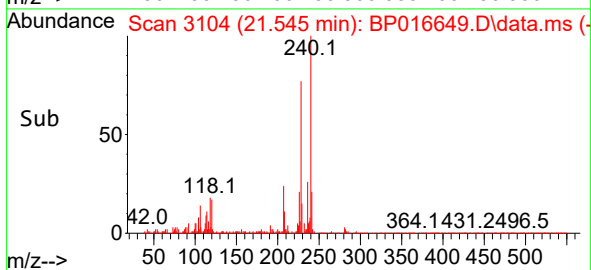
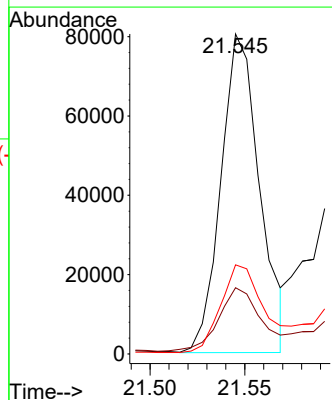
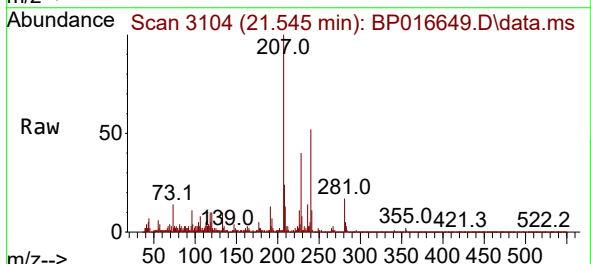
Instrument :
 BNA_P
 ClientSampleId :
 A48P4

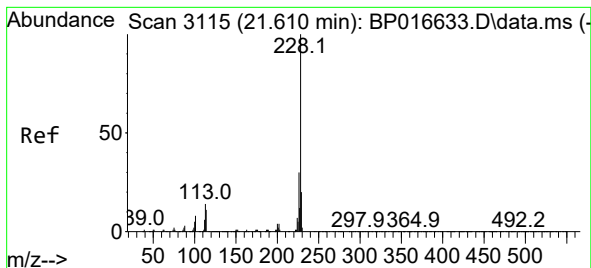
Tgt Ion:202 Resp: 227838
 Ion Ratio Lower Upper
 202 100
 101 16.1 13.4 20.2
 100 13.8 11.0 16.4



#85
 Benzo(a)anthracene
 Concen: 1.025 ng/ul
 RT: 21.545 min Scan# 3104
 Delta R.T. -0.000 min
 Lab File: BP016649.D
 Acq: 18 Aug 2023 19:47

Tgt Ion:228 Resp: 114229
 Ion Ratio Lower Upper
 228 100
 229 20.7 15.8 23.6
 226 27.8 21.8 32.6





#87

Chrysene

Concen: 1.228 ng/ul

RT: 21.604 min Scan# 3114

Delta R.T. 0.000 min

Lab File: BP016649.D

Acq: 18 Aug 2023 19:47

Instrument :

BNA_P

ClientSampleId :

A48P4

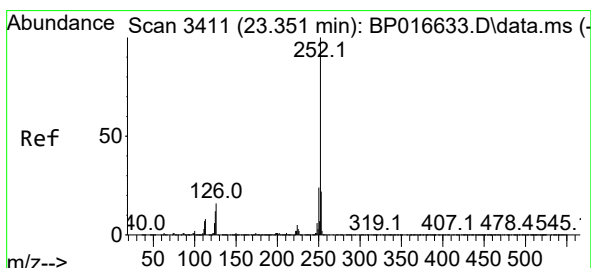
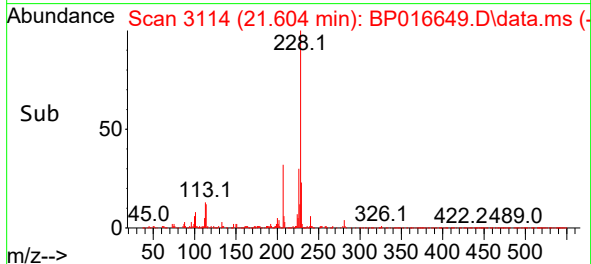
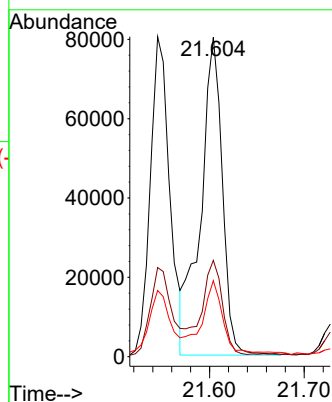
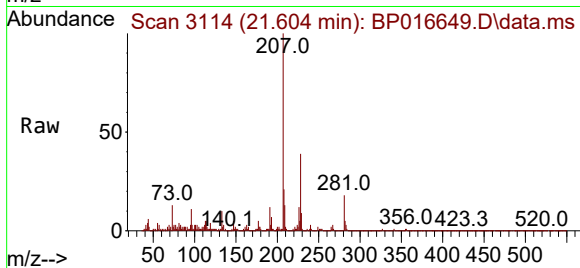
Tgt Ion:228 Resp: 128042

Ion Ratio Lower Upper

228 100

226 30.2 24.6 36.8

229 23.8 16.4 24.6



#90

Benzo(b)fluoranthene

Concen: 1.663 ng/ul

RT: 23.345 min Scan# 3410

Delta R.T. 0.006 min

Lab File: BP016649.D

Acq: 18 Aug 2023 19:47

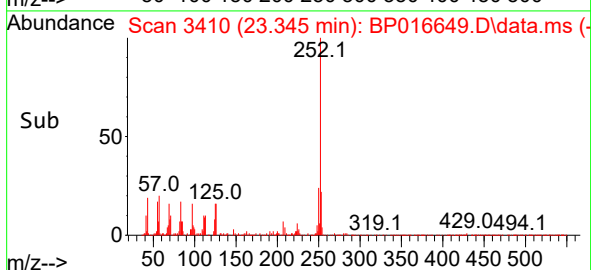
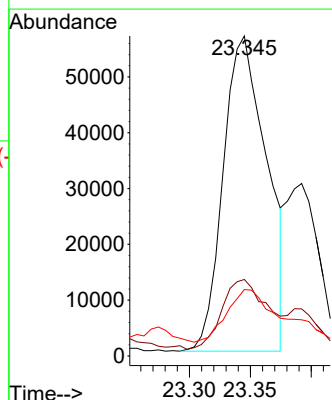
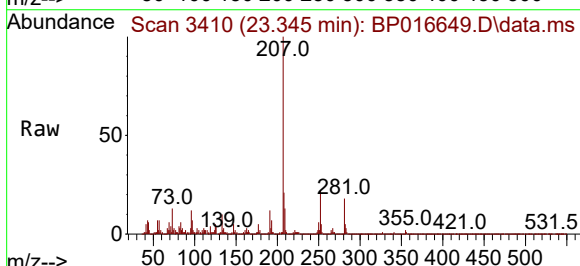
Tgt Ion:252 Resp: 140414

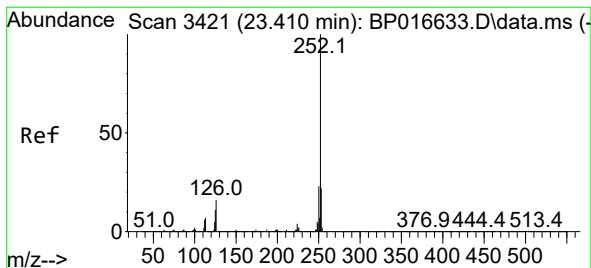
Ion Ratio Lower Upper

252 100

253 23.9 17.4 26.2

125 20.8 10.0 15.0#





#91

Benzo(k)fluoranthene

Concen: 1.677 ng/ul

RT: 23.345 min Scan# 34

Delta R.T. -0.047 min

Lab File: BP016649.D

Acq: 18 Aug 2023 19:47

Instrument :

BNA_P

ClientSampleId :

A48P4

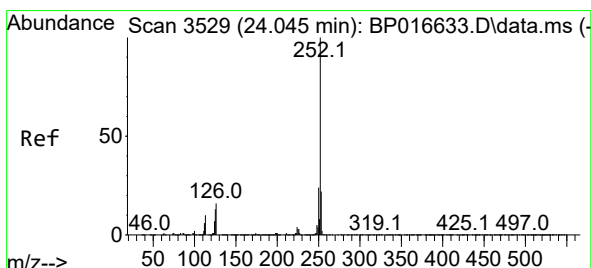
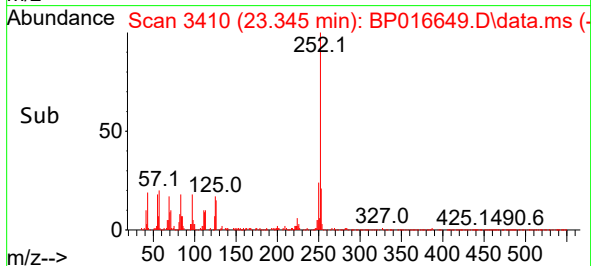
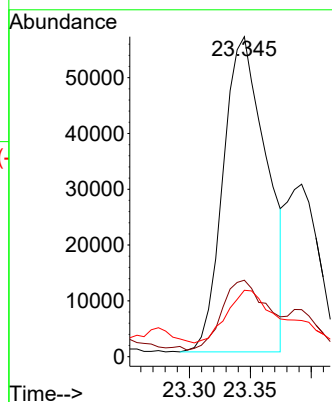
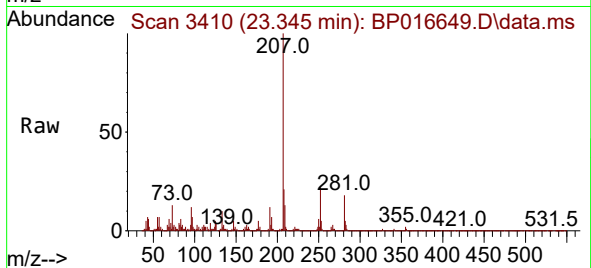
Tgt Ion:252 Resp: 140414

Ion Ratio Lower Upper

252 100

253 23.9 18.0 27.0

125 20.8 9.8 14.8#



#93

Benzo(a)pyrene

Concen: 1.095 ng/ul

RT: 24.027 min Scan# 3526

Delta R.T. 0.000 min

Lab File: BP016649.D

Acq: 18 Aug 2023 19:47

Tgt Ion:252 Resp: 87183

Ion Ratio Lower Upper

252 100

253 24.3 17.7 26.5

125 18.8 10.6 15.8#

