

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
 Data File : BP016284.D
 Acq On : 18 Jul 2023 09:06
 Operator : MA/JU
 Sample : 03458-08
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 18 23:26:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 14 23:53:26 2023
 Response via : Initial Calibration

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

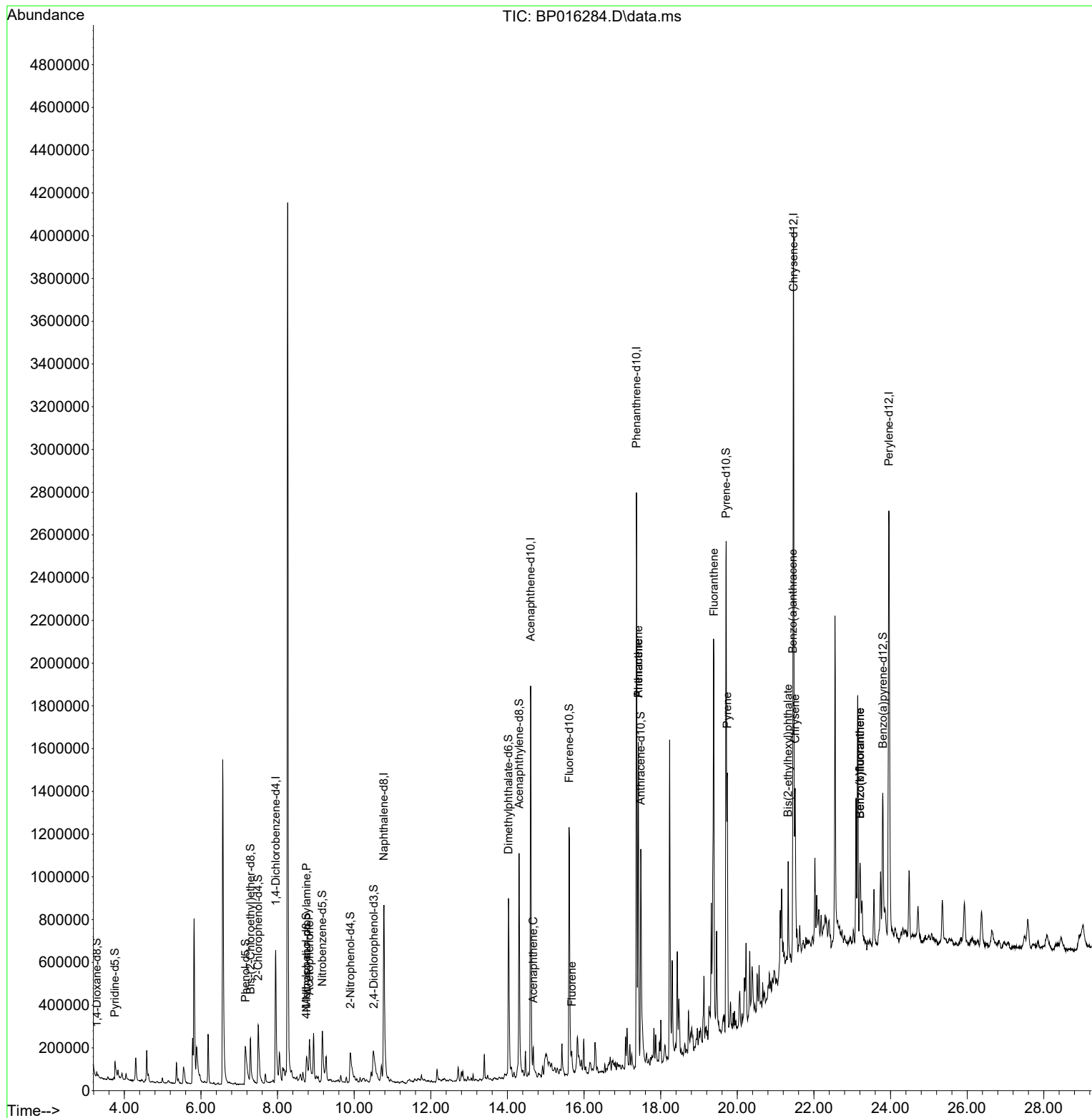
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	214668	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.775	136	884123	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.604	164	649277	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.369	188	1541152	20.000	ng/ul	0.00
79) Chrysene-d12	21.469	240	1601716	20.000	ng/ul	0.00
88) Perylene-d12	23.957	264	1753449	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	12695	2.093	ng/uL	0.00
4) Pyridine-d5	3.758	84	66253	4.379	ng/ul	0.02
7) Phenol-d5	7.163	99	189653	9.781	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.293	67	126499	9.648	ng/ul	0.00
11) 2-Chlorophenol-d4	7.493	132	154001	11.002	ng/ul	0.00
15) 4-Methylphenol-d8	8.746	113	63429	4.061	ng/ul	0.04
21) Nitrobenzene-d5	9.169	128	78823	12.923	ng/ul	0.02
24) 2-Nitrophenol-d4	9.899	143	86695	12.471	ng/ul	0.02
28) 2,4-Dichlorophenol-d3	10.510	165	119128	9.896	ng/ul	0.06
31) 4-Chloroaniline-d4	10.951	131	29	0.002	ng/ul	0.00
46) Dimethylphthalate-d6	14.028	166	672370	13.576	ng/ul	0.00
49) Acenaphthylene-d8	14.304	160	697590	12.852	ng/ul	0.00
54) 4-Nitrophenol-d4	14.928	143	161	0.016	ng/ul	0.00
60) Fluorene-d10	15.610	176	547095	13.199	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.781	200	92	0.010	ng/ul	-0.01
73) Anthracene-d10	17.481	188	684745	10.157	ng/ul	0.00
81) Pyrene-d10	19.704	212	1057274	12.721	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.798	264	514501	6.110	ng/ul	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.834	105	112221	4.357	ng/ul	93
17) N-Nitroso-di-n-propyla...	8.758	70	30656	2.220	ng/ul#	71
52) Acenaphthene	14.675	153	53769	1.275	ng/ul	96
61) Fluorene	15.681	166	48363	1.008	ng/ul	98
72) Phenanthrene	17.416	178	924066	11.508	ng/ul	100
74) Anthracene	17.416	178	924066	11.452	ng/ul	99
80) Fluoranthene	19.386	202	901465	9.275	ng/ul	98
82) Pyrene	19.739	202	783519	7.551	ng/ul	99
85) Benzo(a)anthracene	21.451	228	397203	3.808	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.327	149	126577	1.893	ng/ul	98
87) Chrysene	21.510	228	477252	4.517	ng/ul	99
90) Benzo(b)fluoranthene	23.204	252	325914	3.254	ng/ul	97
91) Benzo(k)fluoranthene	23.204	252	325914	3.198	ng/ul	98

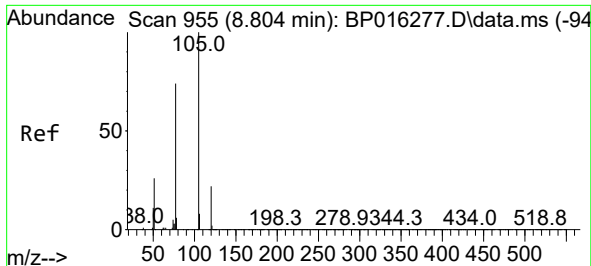
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
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Quant Time: Jul 18 23:26:10 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 14 23:53:26 2023
Response via : Initial Calibration

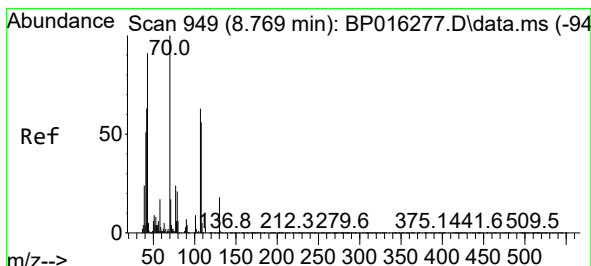
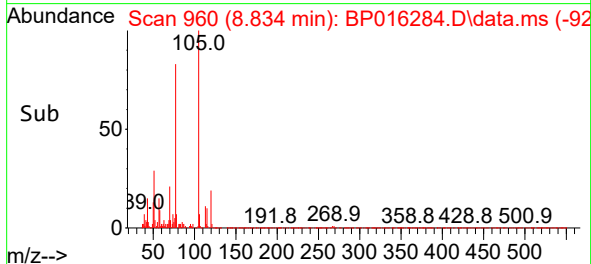
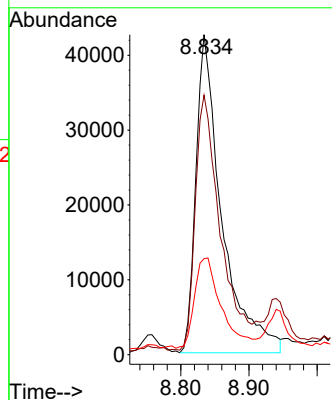
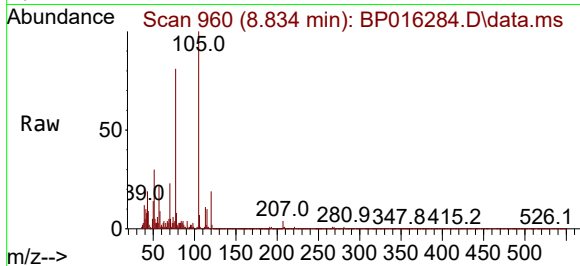




#16
Acetophenone
Concen: 4.357 ng/ul
RT: 8.834 min Scan# 90
Delta R.T. 0.024 min
Lab File: BP016284.D
Acq: 18 Jul 2023 09:06

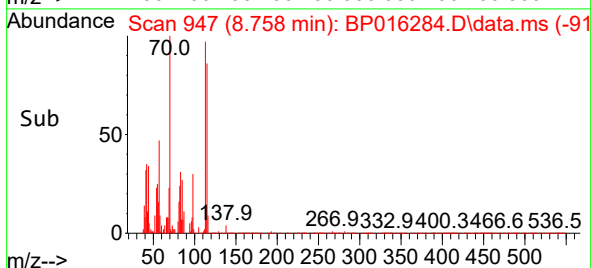
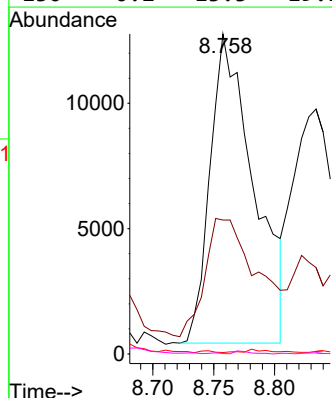
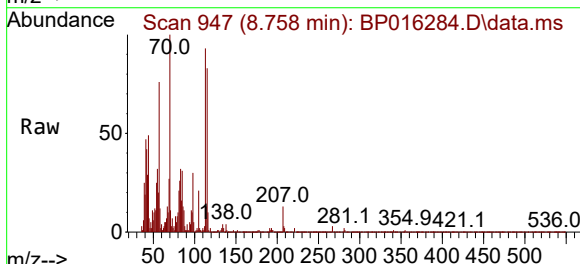
Instrument :
BNA_M
ClientSampleId :

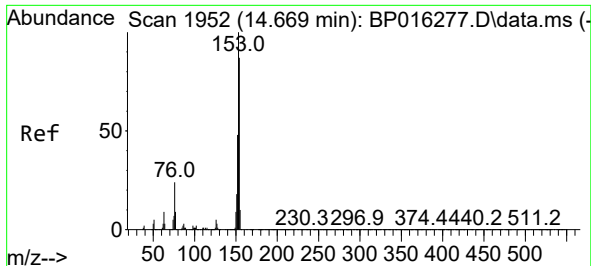
Tgt Ion:105 Resp: 112221
Ion Ratio Lower Upper
105 100
77 81.1 70.2 105.2
51 30.0 26.3 39.5



#17
N-Nitroso-di-n-propylamine
Concen: 2.220 ng/ul
RT: 8.758 min Scan# 947
Delta R.T. -0.018 min
Lab File: BP016284.D
Acq: 18 Jul 2023 09:06

Tgt Ion: 70 Resp: 30656
Ion Ratio Lower Upper
70 100
42 41.9 50.8 76.2#
101 0.5 7.0 10.6#
130 0.2 13.3 19.9#

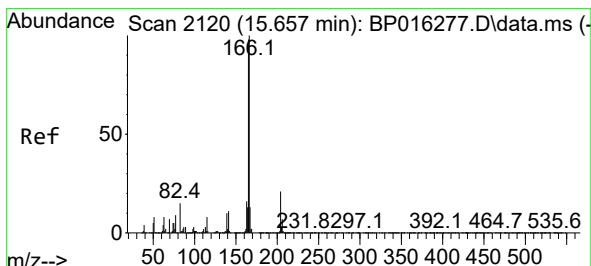
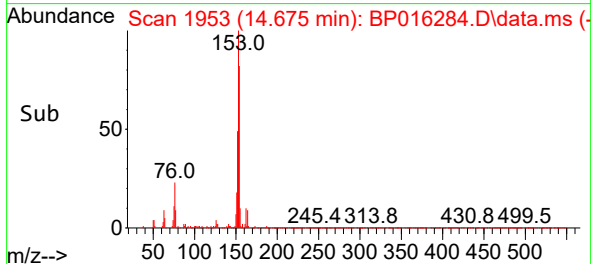
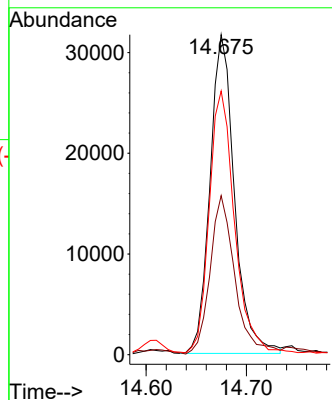
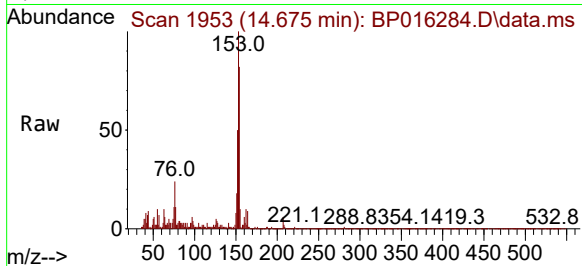




#52
Acenaphthene
Concen: 1.275 ng/ul
RT: 14.675 min Scan# 1952
Delta R.T. 0.000 min
Lab File: BP016284.D
Acq: 18 Jul 2023 09:06

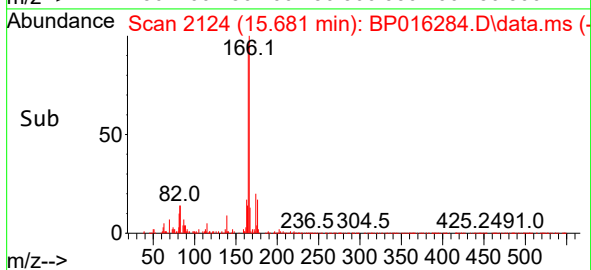
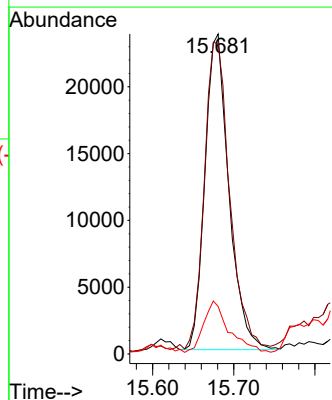
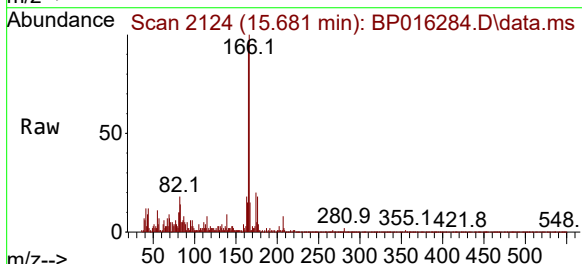
Instrument :
BNA_M
ClientSampleId :

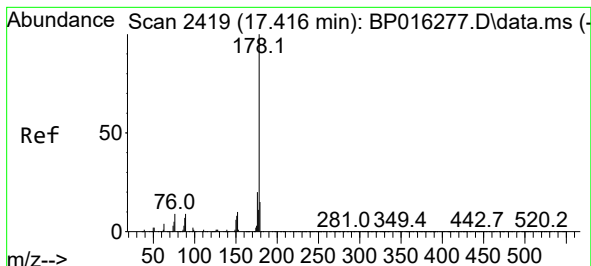
Tgt Ion:153 Resp: 53769
Ion Ratio Lower Upper
153 100
152 49.7 37.9 56.9
154 82.4 69.3 103.9



#61
Fluorene
Concen: 1.008 ng/ul
RT: 15.681 min Scan# 2124
Delta R.T. 0.018 min
Lab File: BP016284.D
Acq: 18 Jul 2023 09:06

Tgt Ion:166 Resp: 48363
Ion Ratio Lower Upper
166 100
165 96.8 78.6 117.8
167 14.9 11.0 16.4





#72

Phenanthrene

Concen: 11.508 ng/ul

RT: 17.416 min Scan# 2419

Delta R.T. 0.000 min

Lab File: BP016284.D

Acq: 18 Jul 2023 09:06

Instrument :

BNA_M

ClientSampleId :

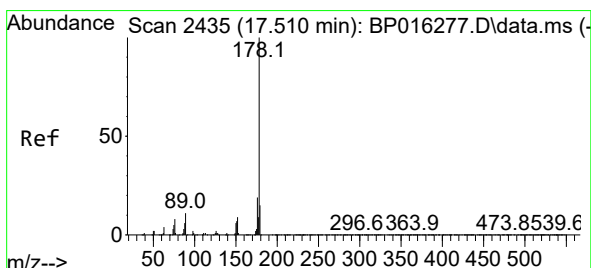
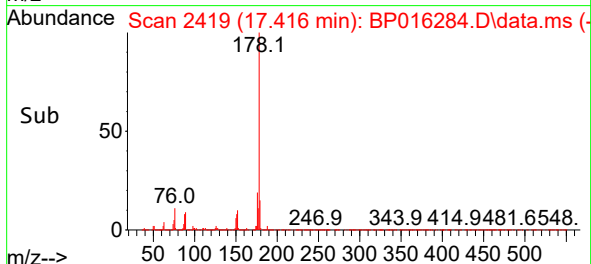
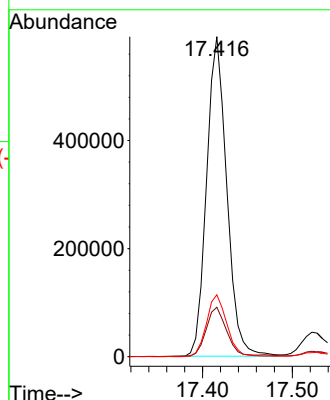
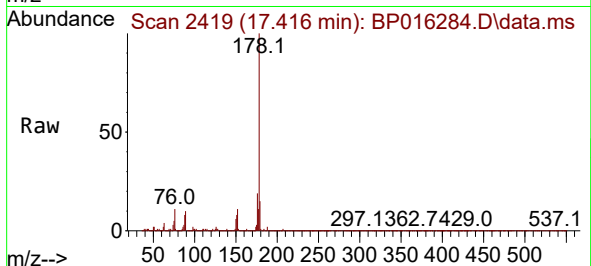
Tgt Ion:178 Resp: 924066

Ion Ratio Lower Upper

178 100

179 15.4 12.5 18.7

176 19.4 15.6 23.4



#74

Anthracene

Concen: 11.452 ng/ul

RT: 17.416 min Scan# 2419

Delta R.T. -0.100 min

Lab File: BP016284.D

Acq: 18 Jul 2023 09:06

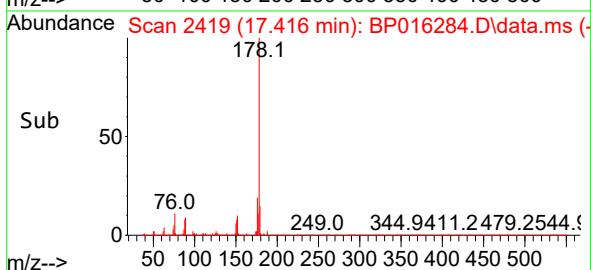
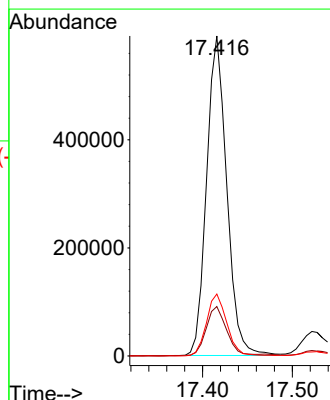
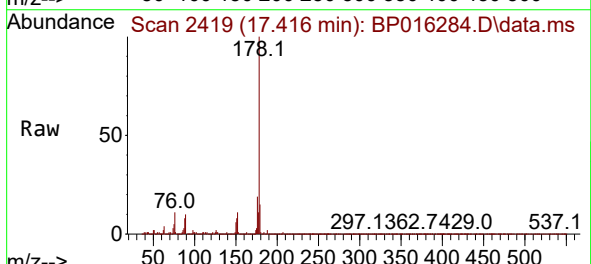
Tgt Ion:178 Resp: 924066

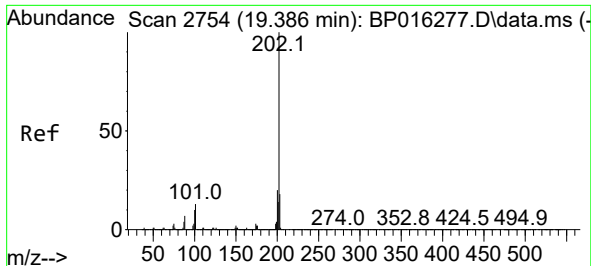
Ion Ratio Lower Upper

178 100

179 15.4 11.9 17.9

176 19.4 15.0 22.4

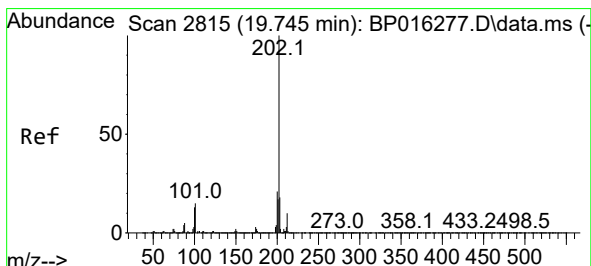
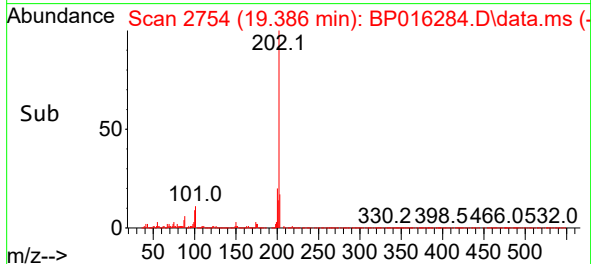
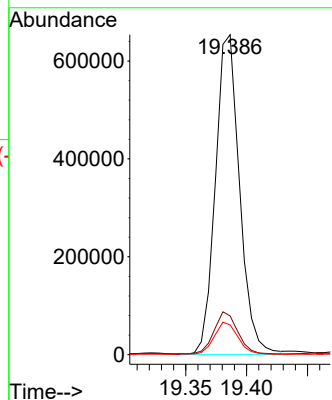
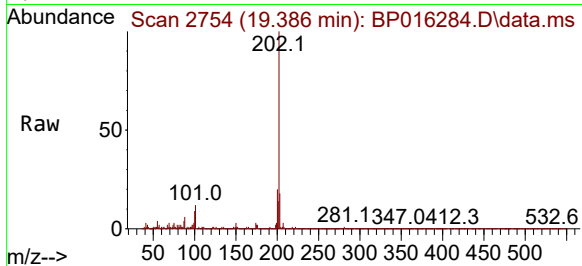




#80
Fluoranthene
Concen: 9.275 ng/ul
RT: 19.386 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP016284.D
Acq: 18 Jul 2023 09:06

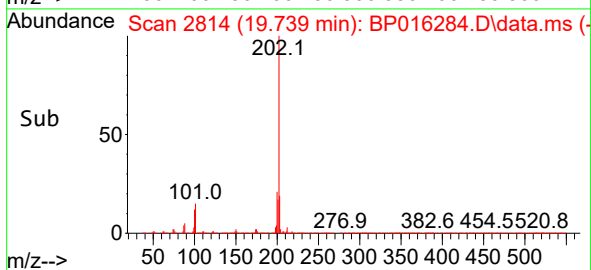
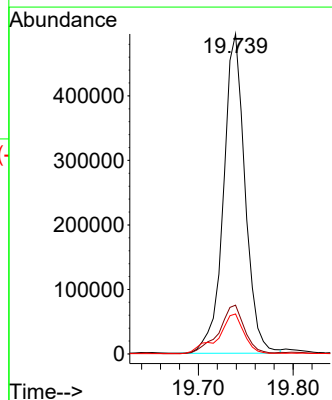
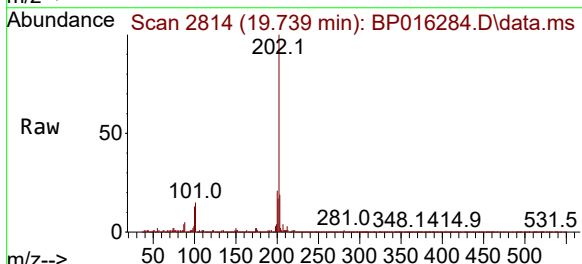
Instrument :
BNA_M
ClientSampleId :

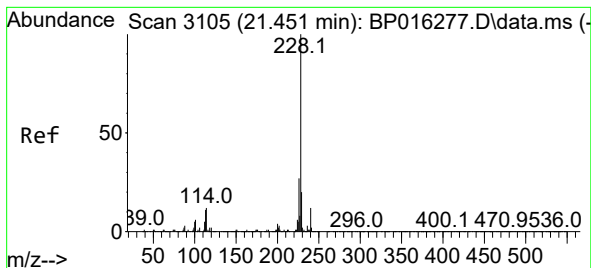
Tgt Ion:202 Resp: 901465
Ion Ratio Lower Upper
202 100
101 12.1 10.4 15.6
100 9.3 8.2 12.4



#82
Pyrene
Concen: 7.551 ng/ul
RT: 19.739 min Scan# 2814
Delta R.T. -0.006 min
Lab File: BP016284.D
Acq: 18 Jul 2023 09:06

Tgt Ion:202 Resp: 783519
Ion Ratio Lower Upper
202 100
101 15.3 12.4 18.6
100 12.5 10.5 15.7





#85

Benzo(a)anthracene

Concen: 3.808 ng/ul

RT: 21.451 min Scan# 3105

Delta R.T. 0.000 min

Lab File: BP016284.D

Acq: 18 Jul 2023 09:06

Instrument :

BNA_M

ClientSampleId :

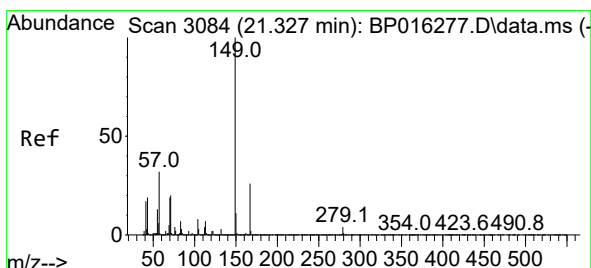
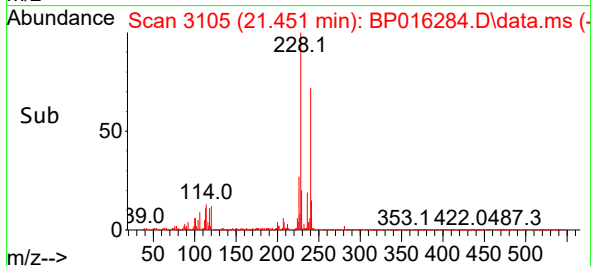
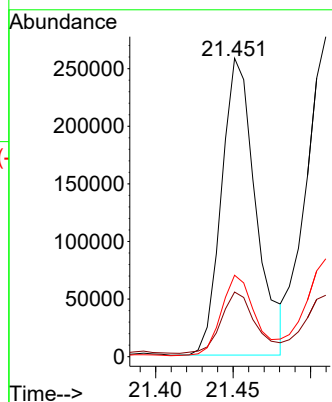
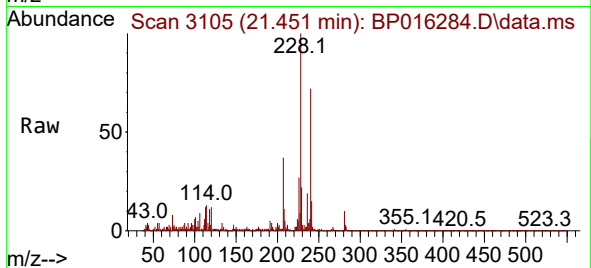
Tgt Ion:228 Resp: 397203

Ion Ratio Lower Upper

228 100

229 21.7 15.5 23.3

226 27.3 21.5 32.3



#86

Bis(2-ethylhexyl)phthalate

Concen: 1.893 ng/ul

RT: 21.327 min Scan# 3084

Delta R.T. -0.006 min

Lab File: BP016284.D

Acq: 18 Jul 2023 09:06

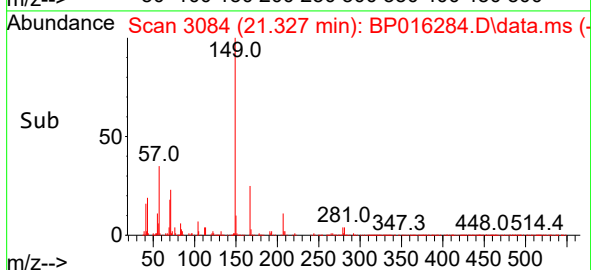
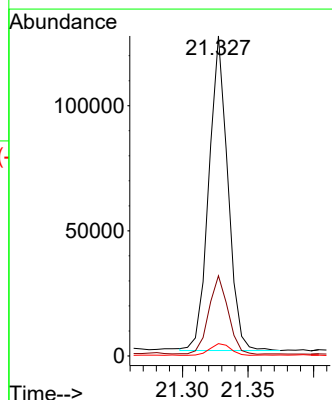
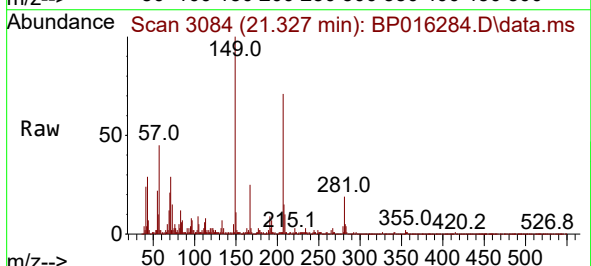
Tgt Ion:149 Resp: 126577

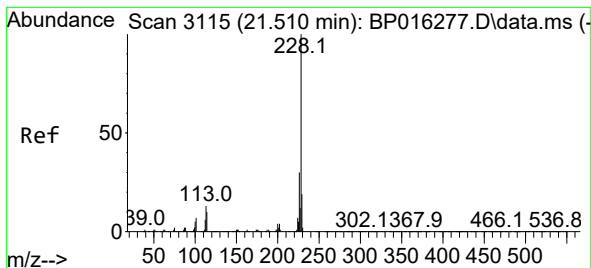
Ion Ratio Lower Upper

149 100

167 25.0 21.0 31.4

279 3.9 3.0 4.6





#87

Chrysene

Concen: 4.517 ng/ul

RT: 21.510 min Scan# 3115

Delta R.T. 0.000 min

Lab File: BP016284.D

Acq: 18 Jul 2023 09:06

Instrument :

BNA_M

ClientSampleId :

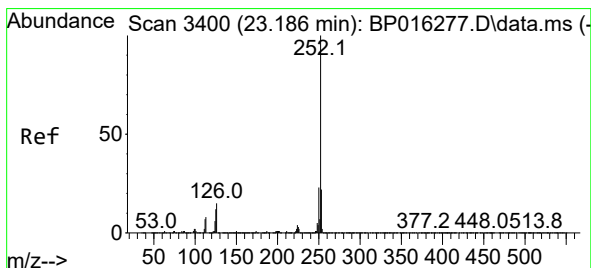
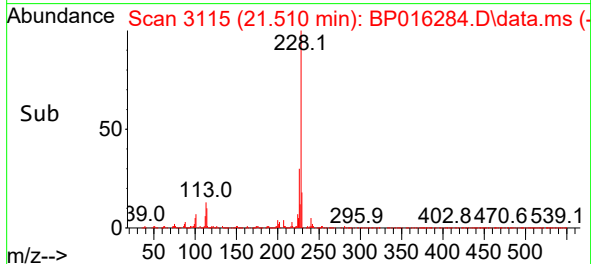
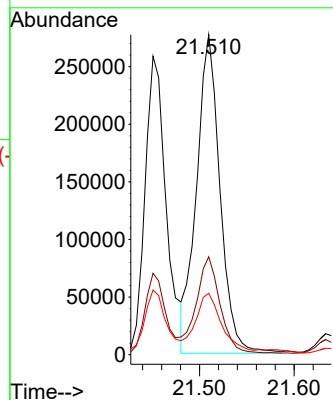
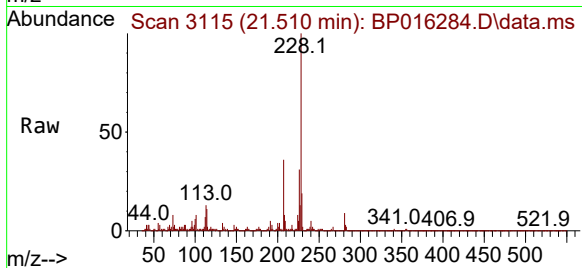
Tgt Ion:228 Resp: 477252

Ion Ratio Lower Upper

228 100

226 30.6 24.0 36.0

229 19.2 15.5 23.3



#90

Benzo(b)fluoranthene

Concen: 3.254 ng/ul

RT: 23.204 min Scan# 3403

Delta R.T. 0.012 min

Lab File: BP016284.D

Acq: 18 Jul 2023 09:06

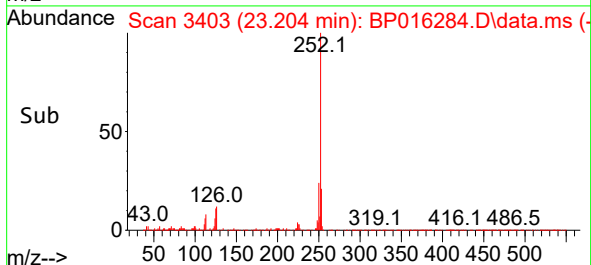
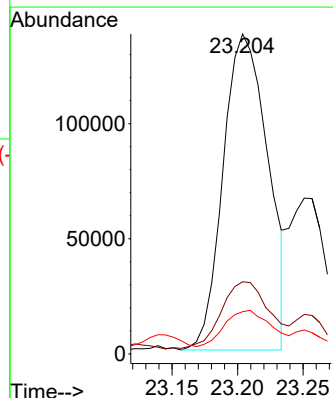
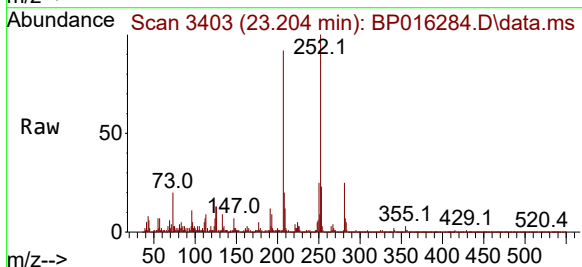
Tgt Ion:252 Resp: 325914

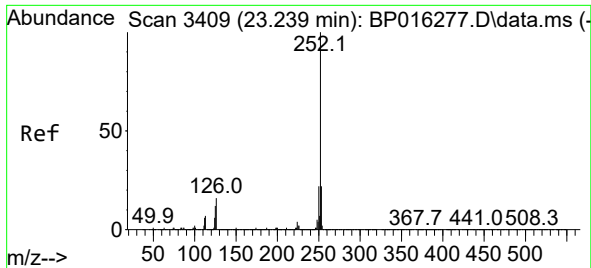
Ion Ratio Lower Upper

252 100

253 22.5 17.3 25.9

125 13.2 9.4 14.0





#91

Benzo(k)fluoranthene

Concen: 3.198 ng/ul

RT: 23.204 min Scan# 34

Delta R.T. -0.041 min

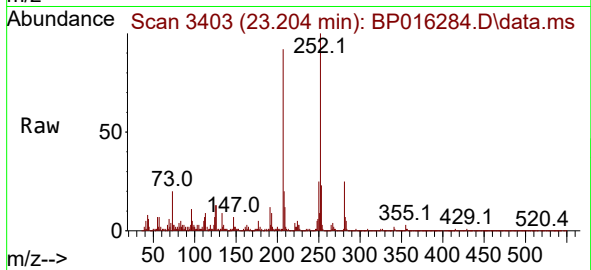
Lab File: BP016284.D

Acq: 18 Jul 2023 09:06

Instrument :

BNA_M

ClientSampleId :



Tgt Ion:252 Resp: 325914

Ion Ratio Lower Upper

252 100

253 22.5 17.4 26.2

125 13.2 9.3 13.9

