

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081423\
 Data File : BP016568.D
 Acq On : 14 Aug 2023 18:59
 Operator : MA/JU
 Sample : 03965-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A48H7

Quant Time: Aug 14 23:40:26 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 14 18:26:05 2023
 Response via : Initial Calibration

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

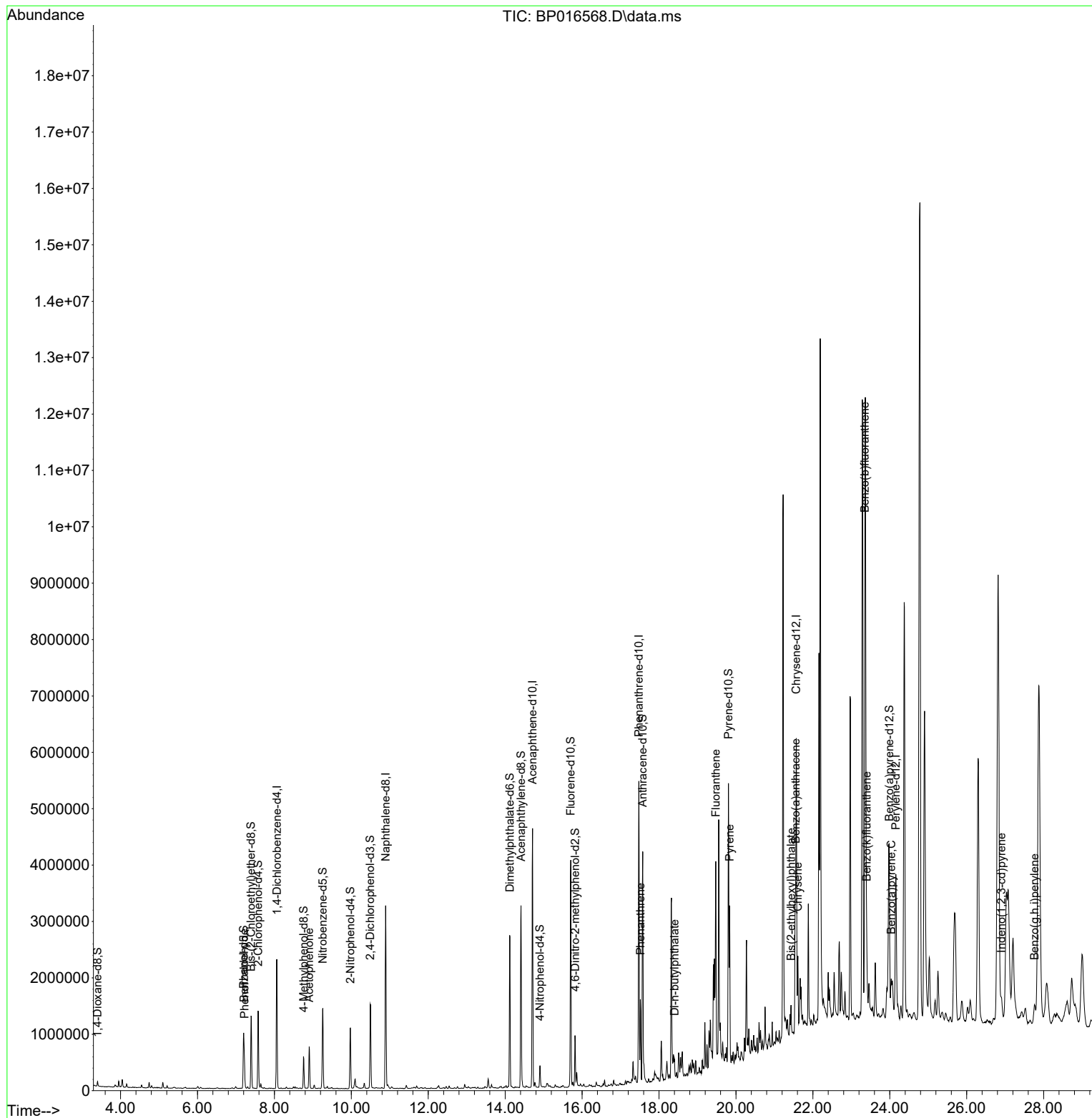
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.063	152	594209	20.000	ng/ul	0.00
20) Naphthalene-d8	10.893	136	2569732	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.710	164	1457391	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.475	188	2953240	20.000	ng/ul	0.00
79) Chrysene-d12	21.569	240	1978481	20.000	ng/ul	0.00
88) Perylene-d12	24.157	264	1908535	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	42934	2.746	ng/uL	0.00
4) Pyridine-d5	3.828	84	944	0.020	ng/ul	0.00
7) Phenol-d5	7.199	99	493241	9.004	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.393	67	584240	16.192	ng/ul	0.00
11) 2-Chlorophenol-d4	7.575	132	601752	15.293	ng/ul	0.00
15) 4-Methylphenol-d8	8.758	113	199933	4.590	ng/ul	0.00
21) Nitrobenzene-d5	9.257	128	321280	17.769	ng/ul	0.00
24) 2-Nitrophenol-d4	9.975	143	321980	18.749	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.493	165	515173	15.243	ng/ul	0.00
31) 4-Chloroaniline-d4	11.051	131	15883	0.274	ng/ul	0.00
46) Dimethylphthalate-d6	14.122	166	1718943	16.307	ng/ul	0.00
49) Acenaphthylene-d8	14.410	160	2030738	17.068	ng/ul	0.00
54) 4-Nitrophenol-d4	14.904	143	83098	3.870	ng/ul	0.00
60) Fluorene-d10	15.704	176	1498313	16.673	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.816	200	152113	10.827	ng/ul	0.00
73) Anthracene-d10	17.575	188	2139231	16.746	ng/ul	0.00
81) Pyrene-d10	19.804	212	2237568	21.584	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.986	264	1555150	17.003	ng/ul	0.00
Target Compounds						Qvalue
6) Benzaldehyde	7.211	77	136117	4.507	ng/ul	97
8) Phenol	7.222	94	85972	1.468	ng/ul	98
16) Acetophenone	8.905	105	379836	5.400	ng/ul	98
72) Phenanthrene	17.516	178	785980	5.052	ng/ul	99
78) Di-n-butylphthalate	18.404	149	186619	1.119	ng/ul	99
80) Fluoranthene	19.475	202	1663143	13.442	ng/ul	99
82) Pyrene	19.833	202	1435770	10.989	ng/ul	99
85) Benzo(a)anthracene	21.551	228	617970	4.648	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.433	149	153915	2.015	ng/ul	99
87) Chrysene	21.610	228	680319	5.468	ng/ul	100
90) Benzo(b)fluoranthene	23.351	252	840754	7.398	ng/ul#	62
91) Benzo(k)fluoranthene	23.398	252	253656	2.250	ng/ul#	85
93) Benzo(a)pyrene	24.039	252	519167	4.843	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.904	276	381132	3.012	ng/ul	97
96) Benzo(g,h,i)perylene	27.762	276	352364	3.499	ng/ul	99

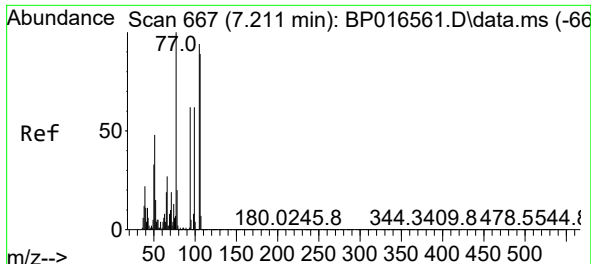
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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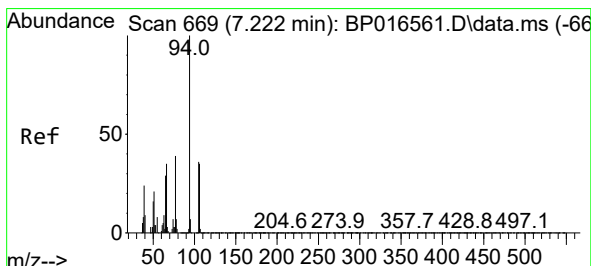
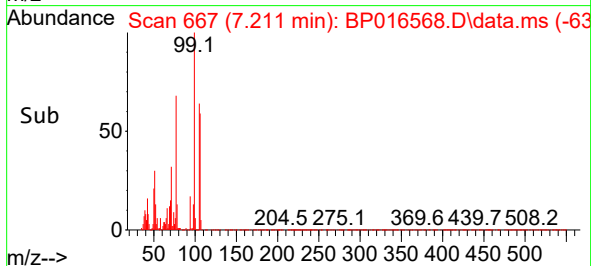
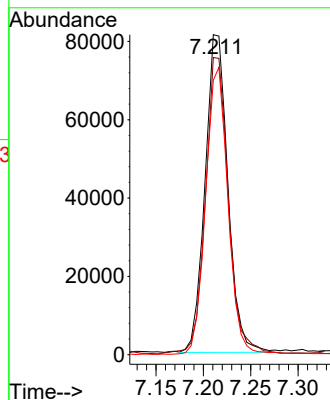
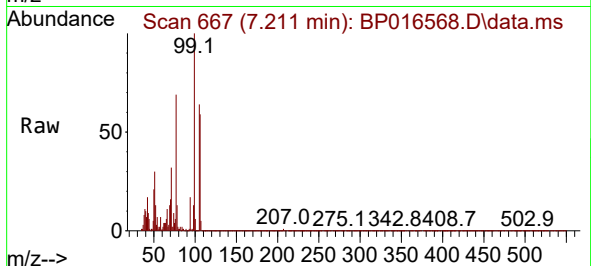




#6
Benzaldehyde
Concen: 4.507 ng/ul
RT: 7.211 min Scan# 667
Delta R.T. -0.000 min
Lab File: BP016568.D
Acq: 14 Aug 2023 18:59

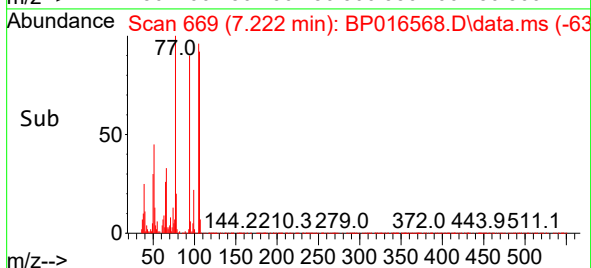
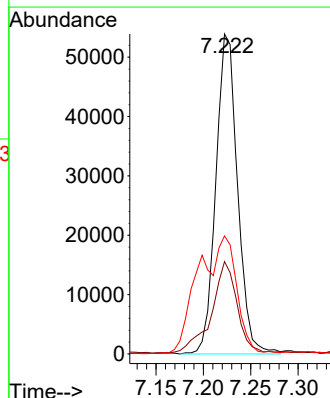
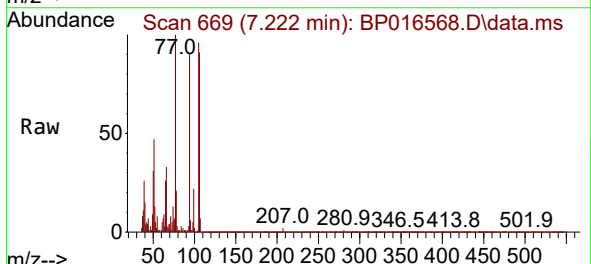
Instrument :
BNA_P
ClientSampleId :
A48H7

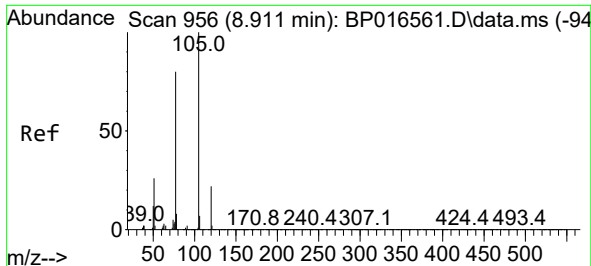
Tgt Ion: 77 Resp: 136117
Ion Ratio Lower Upper
77 100
105 92.9 71.8 107.6
106 85.8 70.2 105.2



#8
Phenol
Concen: 1.468 ng/ul
RT: 7.222 min Scan# 669
Delta R.T. -0.000 min
Lab File: BP016568.D
Acq: 14 Aug 2023 18:59

Tgt Ion: 94 Resp: 85972
Ion Ratio Lower Upper
94 100
65 28.9 22.3 33.5
66 36.9 28.7 43.1

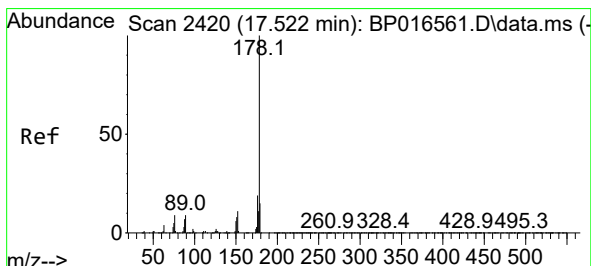
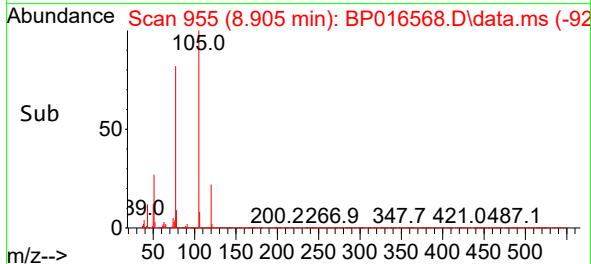
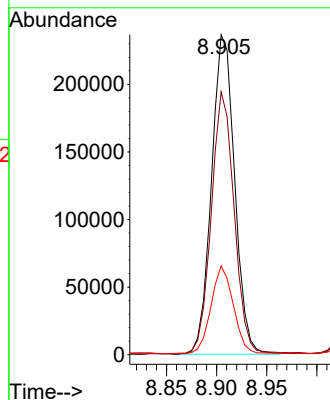
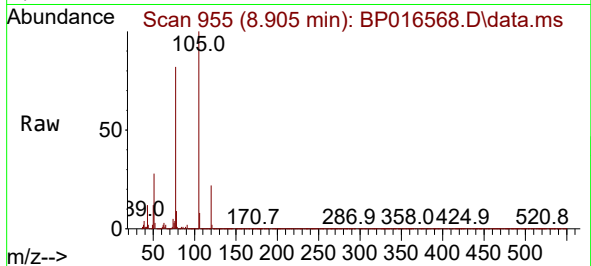




#16
Acetophenone
Concen: 5.400 ng/ul
RT: 8.905 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP016568.D
Acq: 14 Aug 2023 18:59

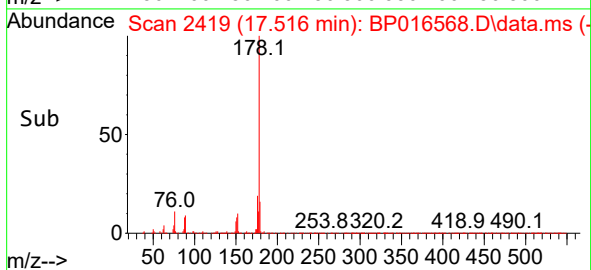
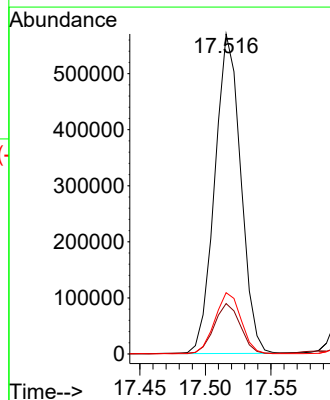
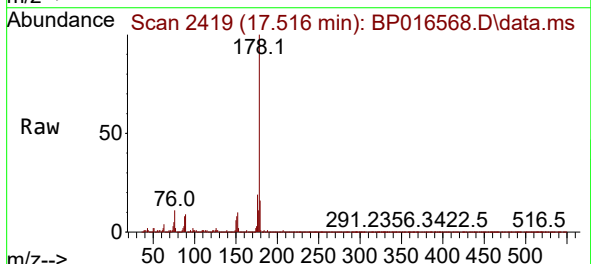
Instrument :
BNA_P
ClientSampleId :
A48H7

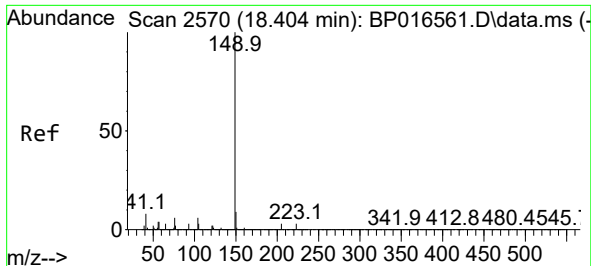
Tgt Ion:105 Resp: 379836
Ion Ratio Lower Upper
105 100
77 82.2 64.4 96.6
51 27.7 21.2 31.8



#72
Phenanthrene
Concen: 5.052 ng/ul
RT: 17.516 min Scan# 2419
Delta R.T. -0.006 min
Lab File: BP016568.D
Acq: 14 Aug 2023 18:59

Tgt Ion:178 Resp: 785980
Ion Ratio Lower Upper
178 100
179 15.8 12.4 18.6
176 19.2 15.5 23.3

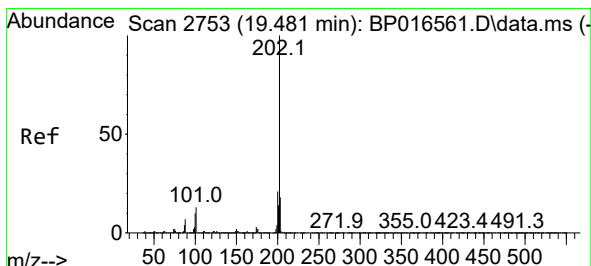
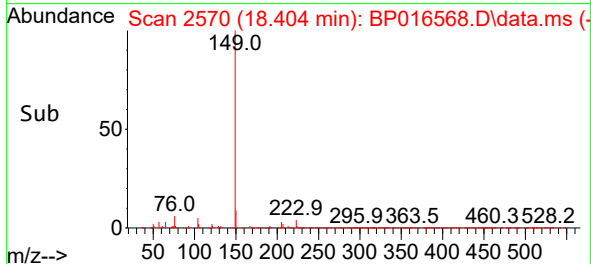
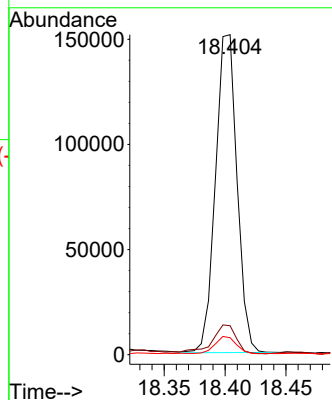
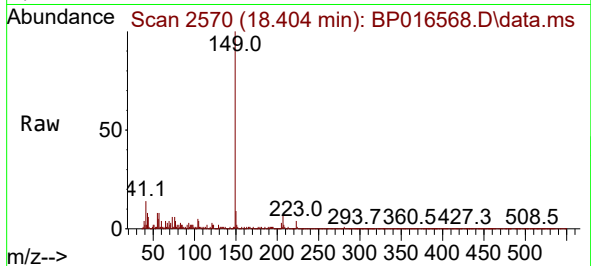




#78
Di-n-butylphthalate
Concen: 1.119 ng/ul
RT: 18.404 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP016568.D
Acq: 14 Aug 2023 18:59

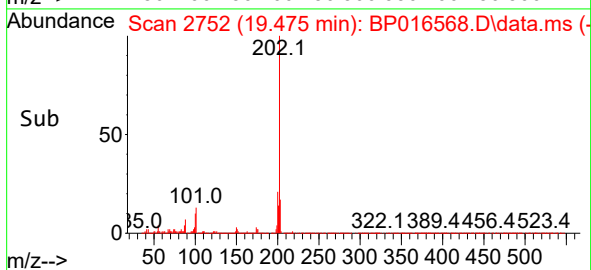
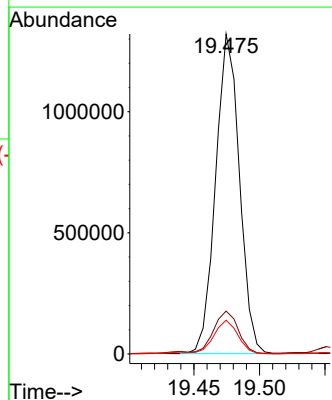
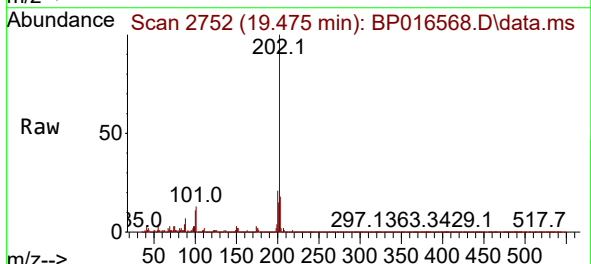
Instrument :
BNA_P
ClientSampleId :
A48H7

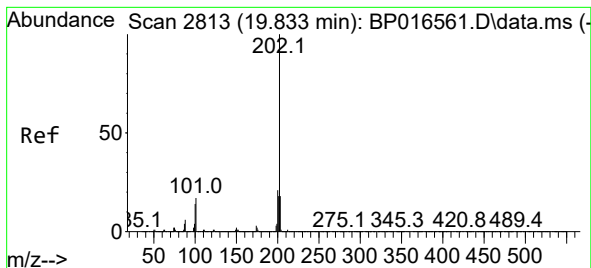
Tgt Ion:149 Resp: 186619
Ion Ratio Lower Upper
149 100
150 9.0 7.3 10.9
104 5.3 4.6 6.8



#80
Fluoranthene
Concen: 13.442 ng/ul
RT: 19.475 min Scan# 2752
Delta R.T. -0.006 min
Lab File: BP016568.D
Acq: 14 Aug 2023 18:59

Tgt Ion:202 Resp: 1663143
Ion Ratio Lower Upper
202 100
101 13.4 10.6 16.0
100 10.6 8.1 12.1





#82

Pyrene

Concen: 10.989 ng/ul

RT: 19.833 min Scan# 2813

Delta R.T. -0.000 min

Lab File: BP016568.D

Acq: 14 Aug 2023 18:59

Instrument :

BNA_P

ClientSampleId :

A48H7

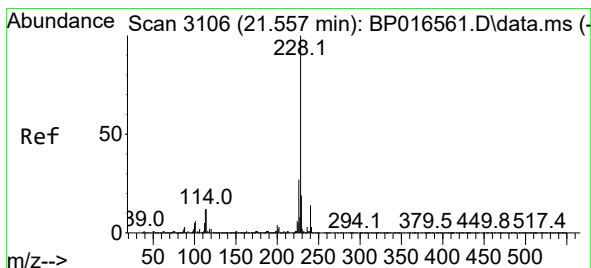
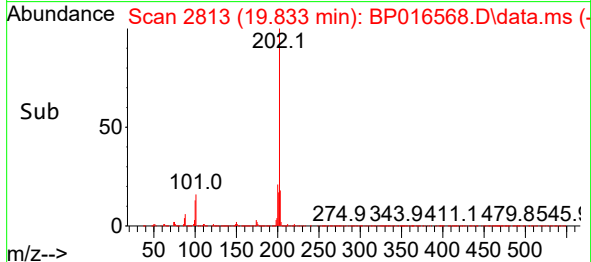
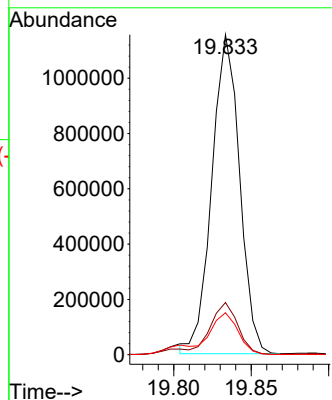
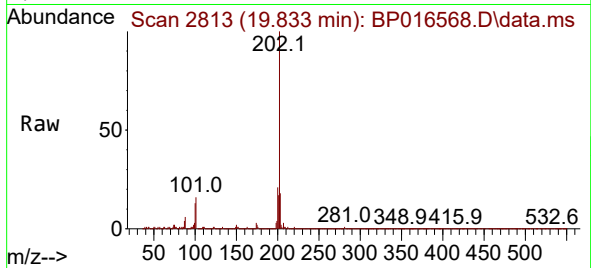
Tgt Ion:202 Resp: 1435770

Ion Ratio Lower Upper

202 100

101 16.3 13.4 20.2

100 13.1 11.0 16.4



#85

Benzo(a)anthracene

Concen: 4.648 ng/ul

RT: 21.551 min Scan# 3105

Delta R.T. -0.006 min

Lab File: BP016568.D

Acq: 14 Aug 2023 18:59

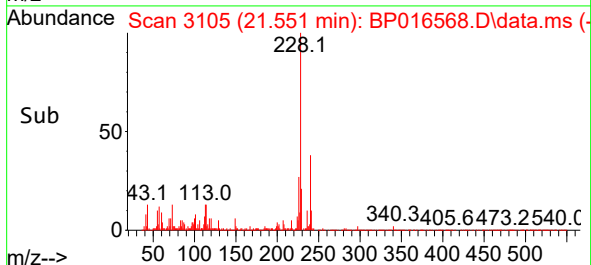
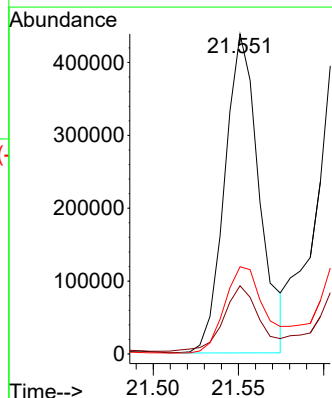
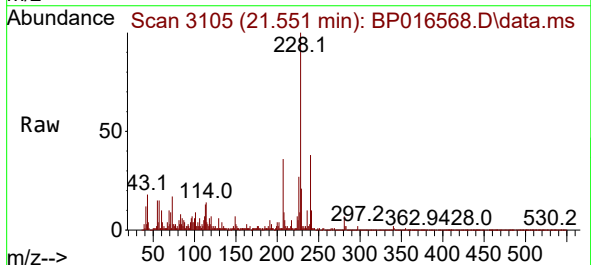
Tgt Ion:228 Resp: 617970

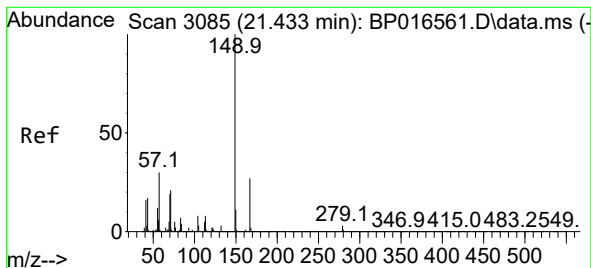
Ion Ratio Lower Upper

228 100

229 21.3 15.8 23.6

226 27.3 21.8 32.6

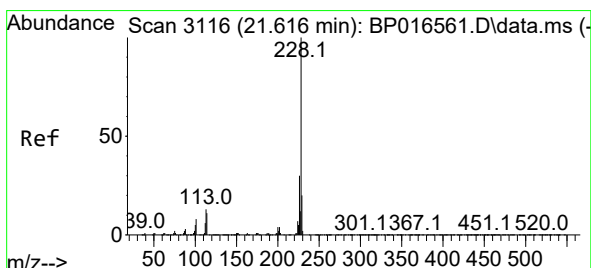
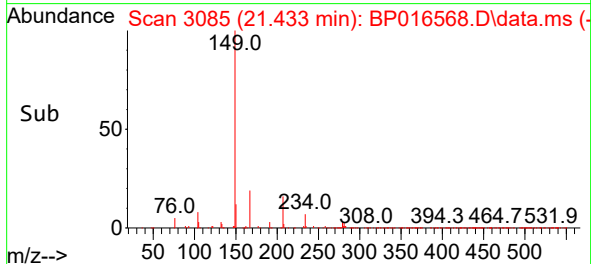
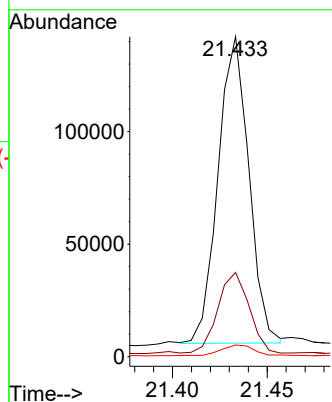
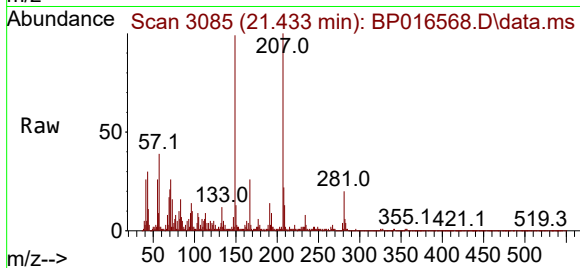




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 2.015 ng/ul
 RT: 21.433 min Scan# 3085
 Delta R.T. -0.000 min
 Lab File: BP016568.D
 Acq: 14 Aug 2023 18:59

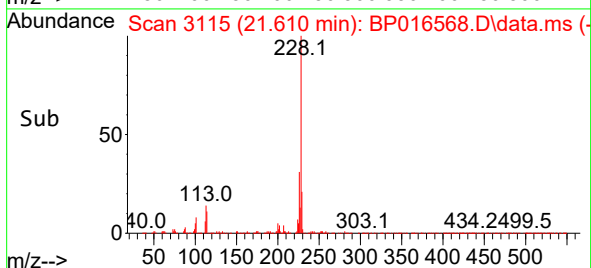
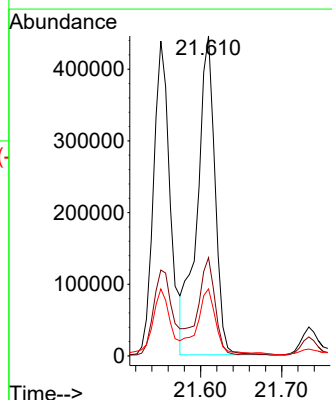
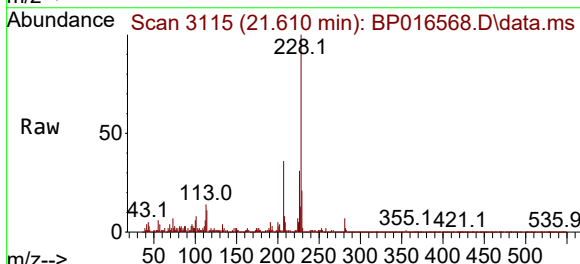
Instrument :
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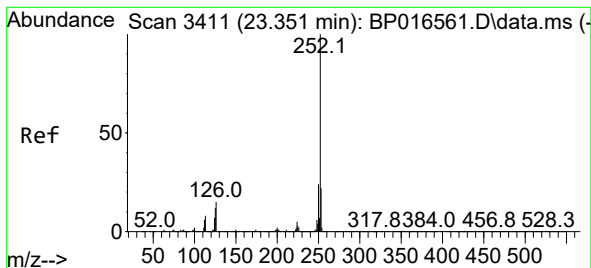
Tgt Ion:149 Resp: 153915
 Ion Ratio Lower Upper
 149 100
 167 26.3 20.9 31.3
 279 3.6 2.6 4.0



#87
 Chrysene
 Concen: 5.468 ng/ul
 RT: 21.610 min Scan# 3115
 Delta R.T. -0.000 min
 Lab File: BP016568.D
 Acq: 14 Aug 2023 18:59

Tgt Ion:228 Resp: 680319
 Ion Ratio Lower Upper
 228 100
 226 30.7 24.6 36.8
 229 21.0 16.4 24.6





#90

Benzo(b)fluoranthene

Concen: 7.398 ng/ul

RT: 23.351 min Scan# 3411

Delta R.T. -0.000 min

Lab File: BP016568.D

Acq: 14 Aug 2023 18:59

Instrument :

BNA_P

ClientSampleId :

A48H7

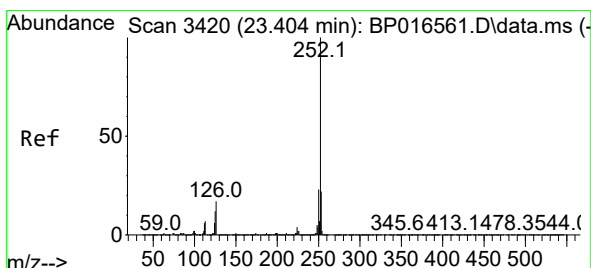
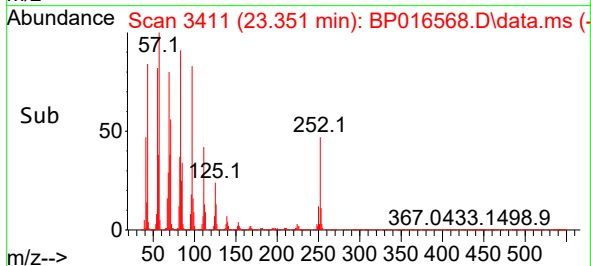
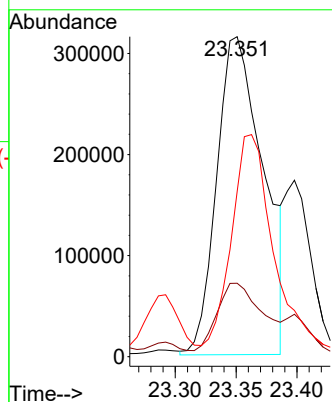
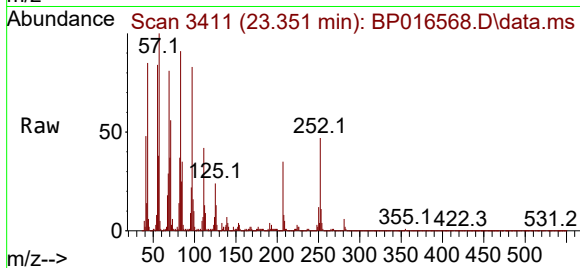
Tgt Ion:252 Resp: 840754

Ion Ratio Lower Upper

252 100

253 23.0 17.4 26.2

125 51.6 10.0 15.0#



#91

Benzo(k)fluoranthene

Concen: 2.250 ng/ul

RT: 23.398 min Scan# 3419

Delta R.T. -0.006 min

Lab File: BP016568.D

Acq: 14 Aug 2023 18:59

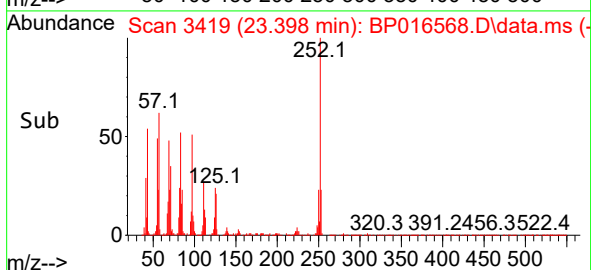
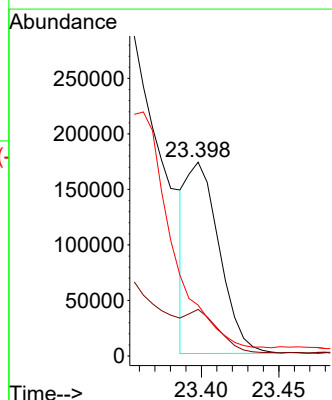
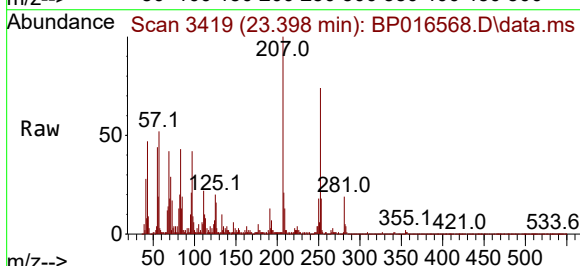
Tgt Ion:252 Resp: 253656

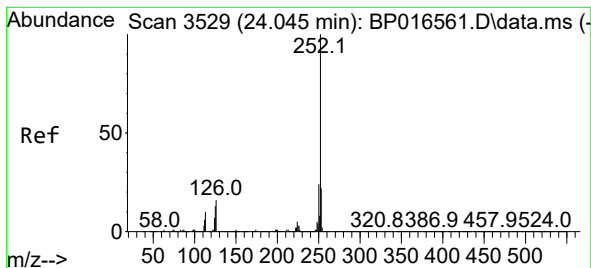
Ion Ratio Lower Upper

252 100

253 24.1 18.0 27.0

125 26.2 9.8 14.8#





#93

Benzo(a)pyrene

Concen: 4.843 ng/ul

RT: 24.039 min Scan# 3529

Delta R.T. -0.000 min

Lab File: BP016568.D

Acq: 14 Aug 2023 18:59

Instrument :

BNA_P

ClientSampleId :

A48H7

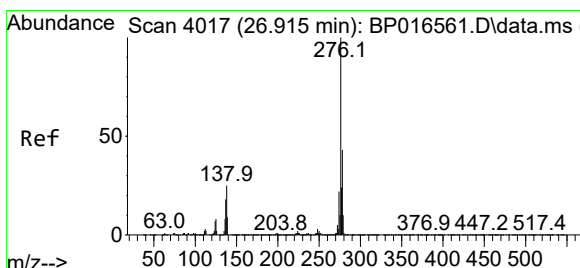
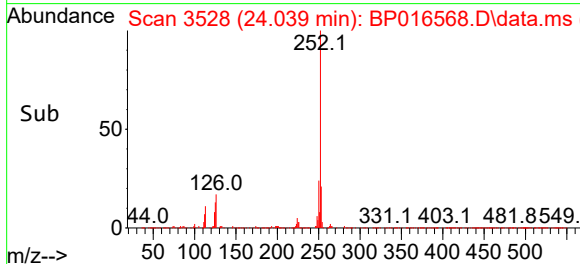
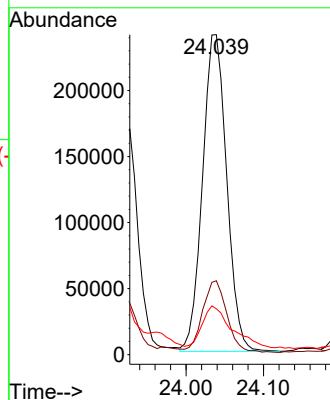
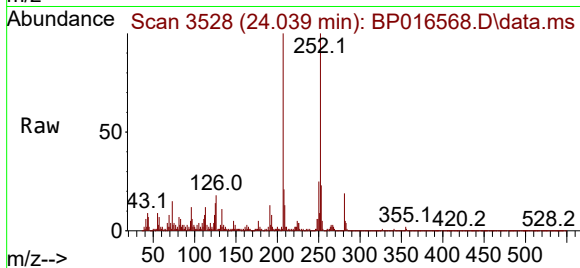
Tgt Ion:252 Resp: 519167

Ion Ratio Lower Upper

252 100

253 23.1 17.7 26.5

125 14.3 10.6 15.8



#94

Indeno(1,2,3-cd)pyrene

Concen: 3.012 ng/ul

RT: 26.904 min Scan# 4015

Delta R.T. -0.006 min

Lab File: BP016568.D

Acq: 14 Aug 2023 18:59

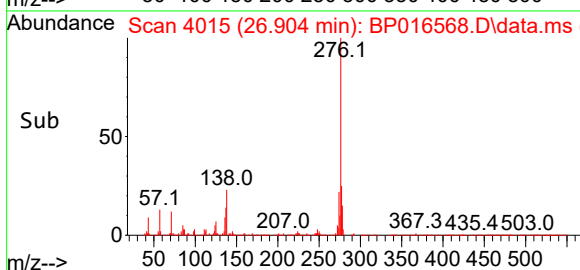
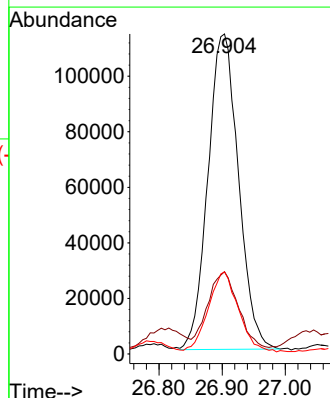
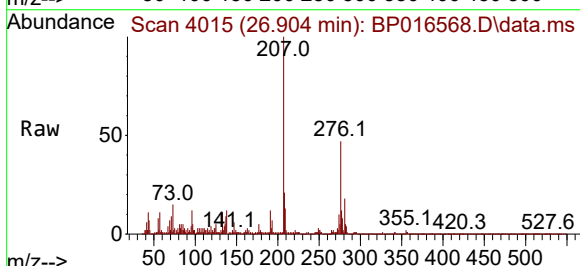
Tgt Ion:276 Resp: 381132

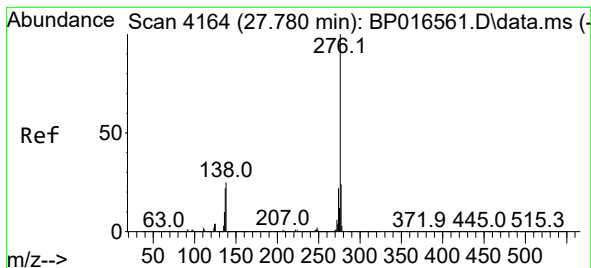
Ion Ratio Lower Upper

276 100

138 25.7 21.7 32.5

277 25.7 19.5 29.3





#96

Benzo(g,h,i)perylene

Concen: 3.499 ng/ul

RT: 27.762 min Scan# 41

Delta R.T. -0.012 min

Lab File: BP016568.D

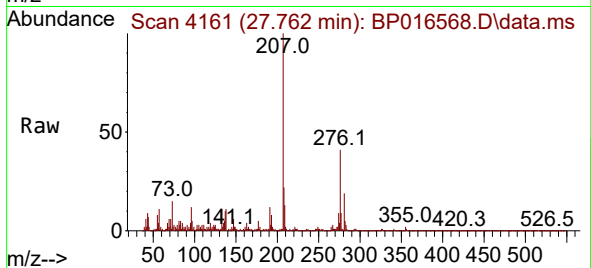
Acq: 14 Aug 2023 18:59

Instrument :

BNA_P

ClientSampleId :

A48H7



Tgt Ion:276 Resp: 352364

Ion Ratio Lower Upper

276 100

138 26.7 21.5 32.3

277 23.2 19.3 28.9

