

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062223\
 Data File : BP015644.D
 Acq On : 22 Jun 2023 13:25
 Operator : MA/JU
 Sample : 03083-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFK4

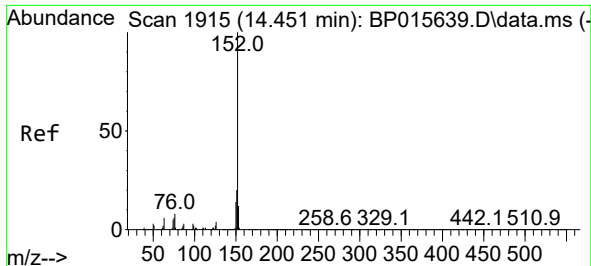
Quant Time: Jun 22 22:04:46 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 22 22:01:49 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	130533	20.000	ng/ul	0.00
20) Naphthalene-d8	10.905	136	572204	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.728	164	367647	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.486	188	742961	20.000	ng/ul	0.00
79) Chrysene-d12	21.580	240	477009	20.000	ng/ul	0.00
88) Perylene-d12	24.127	264	572044	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	10287	2.918	ng/uL	0.00
4) Pyridine-d5	3.846	84	91341	9.976	ng/ul	0.00
7) Phenol-d5	7.240	99	192230	15.985	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.399	67	126242	17.578	ng/ul	0.00
11) 2-Chlorophenol-d4	7.605	132	160342	18.390	ng/ul	0.00
15) 4-Methylphenol-d8	8.799	113	147042	14.899	ng/ul	0.00
21) Nitrobenzene-d5	9.258	128	81409	18.122	ng/ul	0.00
24) 2-Nitrophenol-d4	9.987	143	89995	17.542	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.540	165	160966	17.200	ng/ul	0.00
31) 4-Chloroaniline-d4	11.063	131	129137	9.613	ng/ul	0.01
46) Dimethylphthalate-d6	14.134	166	573346	19.777	ng/ul	0.00
49) Acenaphthylene-d8	14.422	160	626561	19.765	ng/ul	0.00
54) 4-Nitrophenol-d4	14.969	143	44933	8.655	ng/ul	0.02
60) Fluorene-d10	15.722	176	465972	19.060	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.863	200	50971	10.829	ng/ul	0.00
73) Anthracene-d10	17.587	188	651119	19.262	ng/ul	0.00
81) Pyrene-d10	19.816	212	659986	25.851	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.963	264	583169	20.317	ng/ul	0.00
Target Compounds						
					Qvalue	
50) Acenaphthylene	14.451	152	42798	1.219	ng/ul	99
72) Phenanthrene	17.528	178	67153	1.684	ng/ul	98
80) Fluoranthene	19.492	202	271771	8.739	ng/ul	96
82) Pyrene	19.845	202	246277	7.655	ng/ul	95
83) Butylbenzylphthalate	20.698	149	16116	1.133	ng/ul#	90
85) Benzo(a)anthracene	21.563	228	151442	4.541	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.451	149	196556	9.351	ng/ul	100
87) Chrysene	21.616	228	164583	5.222	ng/ul	96
90) Benzo(b)fluoranthene	23.345	252	299562	8.113	ng/ul	97
91) Benzo(k)fluoranthene	23.345	252	299562	8.392	ng/ul	98
93) Benzo(a)pyrene	24.016	252	173799	5.399	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	26.833	276	161299	3.871	ng/ul	96
95) Dibenzo(a,h)anthracene	26.839	278	44735	1.318	ng/ul#	77
96) Benzo(g,h,i)perylene	27.668	276	148793	4.334	ng/ul	96

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

Quant Time: Jun 22 22:04:46 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 22 22:01:49 2023
Response via : Initial Calibration

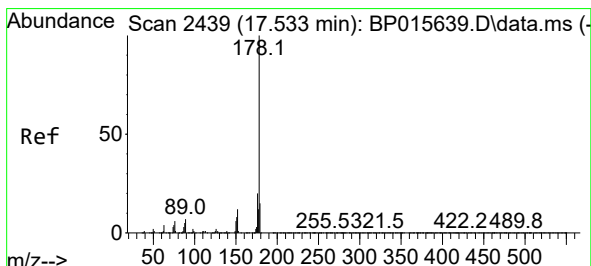
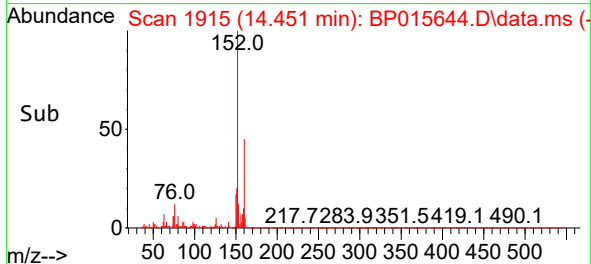
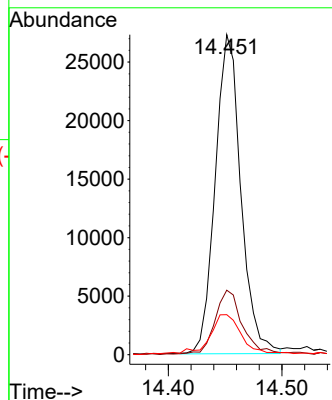
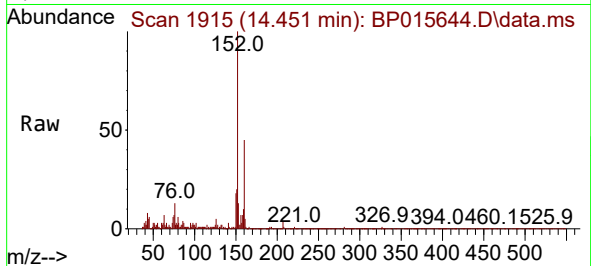




#50
Acenaphthylene
Concen: 1.219 ng/ul
RT: 14.451 min Scan# 1915
Delta R.T. 0.000 min
Lab File: BP015644.D
Acq: 22 Jun 2023 13:25

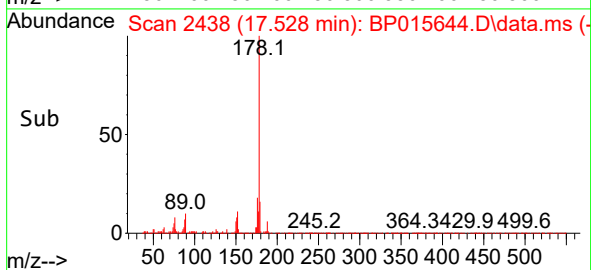
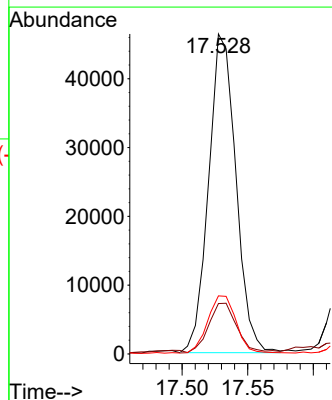
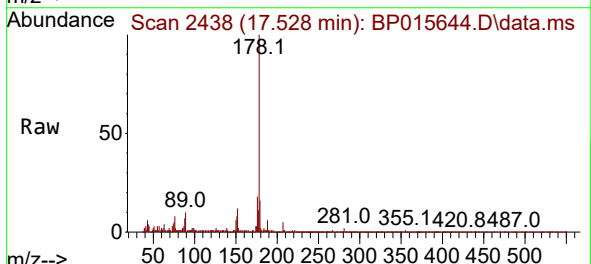
Instrument :
BNA_P
ClientSampleId :
DCFK4

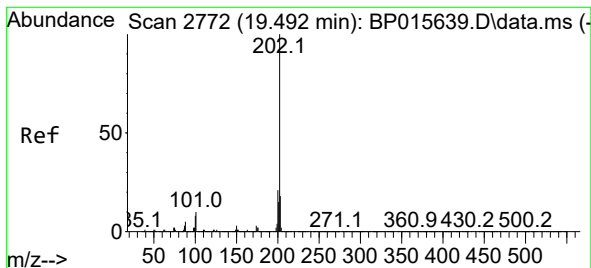
Tgt Ion:152 Resp: 42798
Ion Ratio Lower Upper
152 100
151 20.2 16.0 24.0
153 12.5 10.6 15.8



#72
Phenanthrene
Concen: 1.684 ng/ul
RT: 17.528 min Scan# 2438
Delta R.T. -0.006 min
Lab File: BP015644.D
Acq: 22 Jun 2023 13:25

Tgt Ion:178 Resp: 67153
Ion Ratio Lower Upper
178 100
179 15.7 12.3 18.5
176 18.1 15.4 23.0





#80

Fluoranthene

Concen: 8.739 ng/ul

RT: 19.492 min Scan# 2772

Delta R.T. 0.000 min

Lab File: BP015644.D

Acq: 22 Jun 2023 13:25

Instrument :

BNA_P

ClientSampleId :

DCFK4

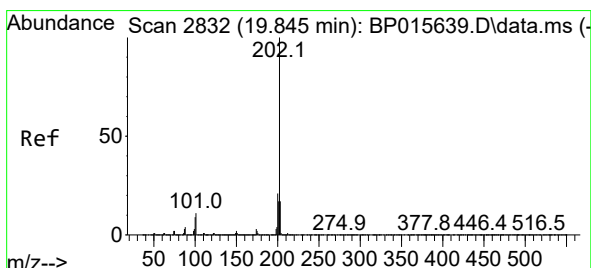
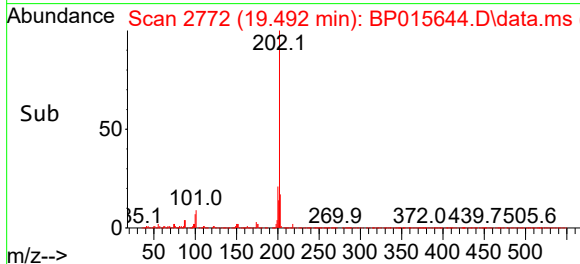
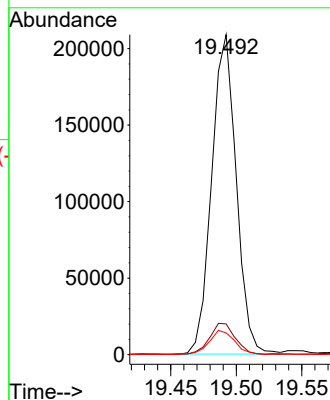
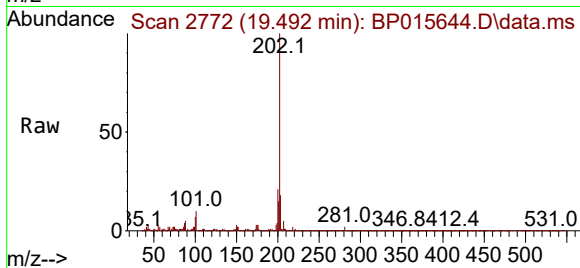
Tgt Ion:202 Resp: 271771

Ion Ratio Lower Upper

202 100

101 9.6 8.6 13.0

100 6.8 6.6 9.8



#82

Pyrene

Concen: 7.655 ng/ul

RT: 19.845 min Scan# 2832

Delta R.T. 0.000 min

Lab File: BP015644.D

Acq: 22 Jun 2023 13:25

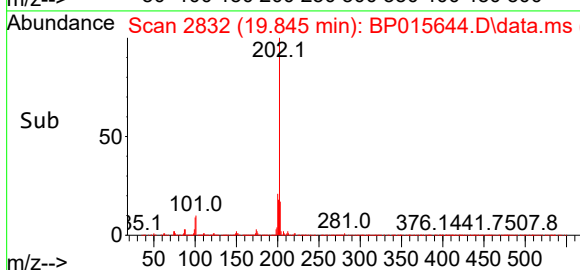
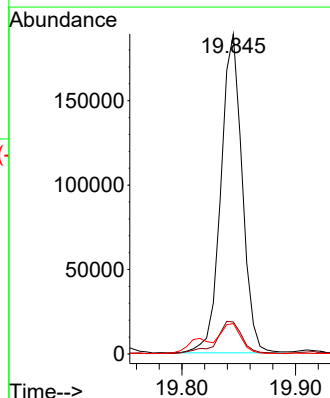
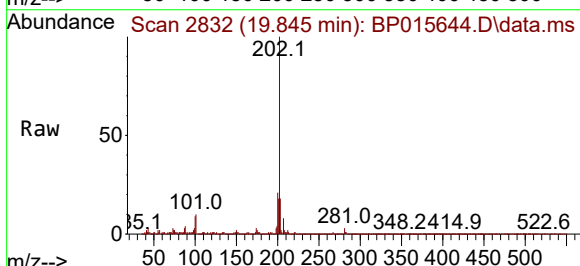
Tgt Ion:202 Resp: 246277

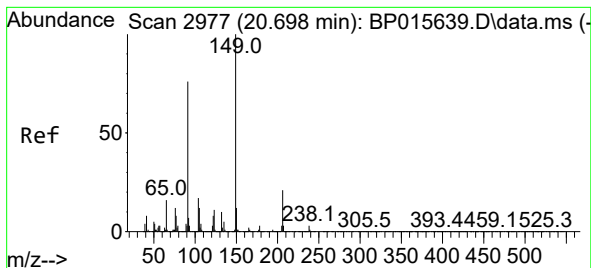
Ion Ratio Lower Upper

202 100

101 10.0 9.9 14.9

100 9.5 8.4 12.6





#83

Butylbenzylphthalate

Concen: 1.133 ng/ul

RT: 20.698 min Scan# 2977

Delta R.T. 0.000 min

Lab File: BP015644.D

Acq: 22 Jun 2023 13:25

Instrument :

BNA_P

ClientSampleId :

DCFK4

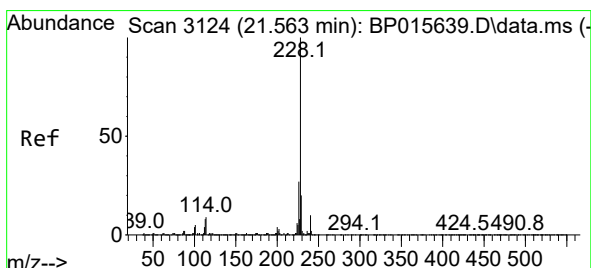
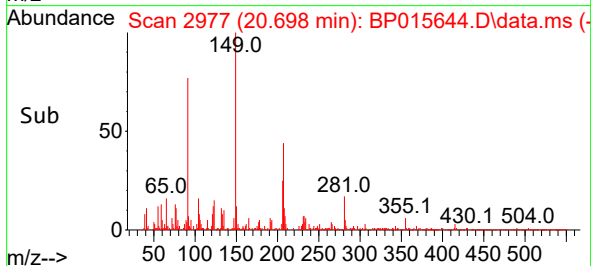
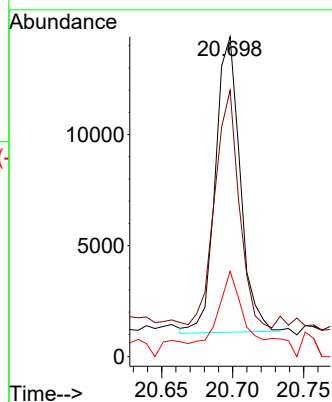
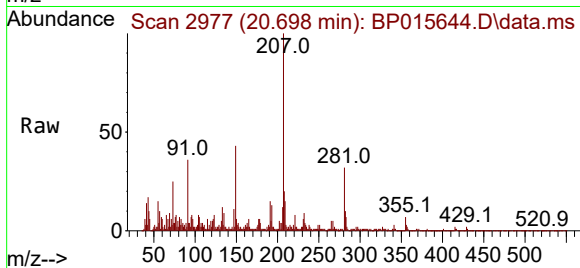
Tgt Ion:149 Resp: 16116

Ion Ratio Lower Upper

149 100

91 83.2 60.4 90.6

206 26.7 16.4 24.6#



#85

Benzo(a)anthracene

Concen: 4.541 ng/ul

RT: 21.563 min Scan# 3124

Delta R.T. 0.000 min

Lab File: BP015644.D

Acq: 22 Jun 2023 13:25

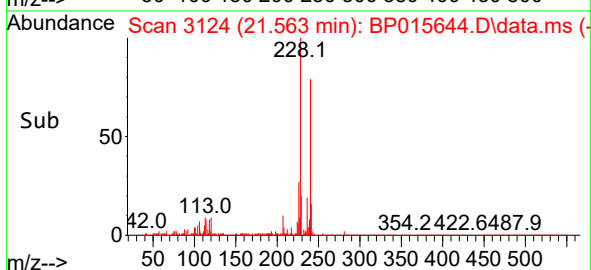
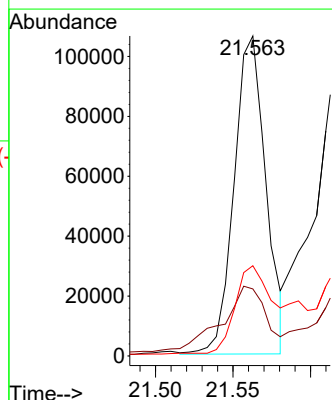
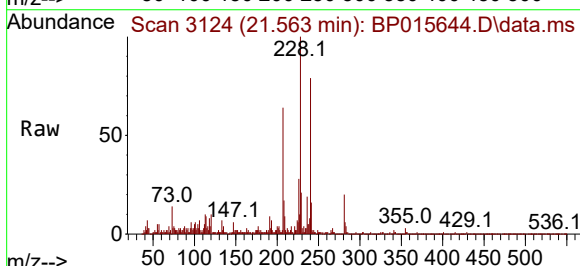
Tgt Ion:228 Resp: 151442

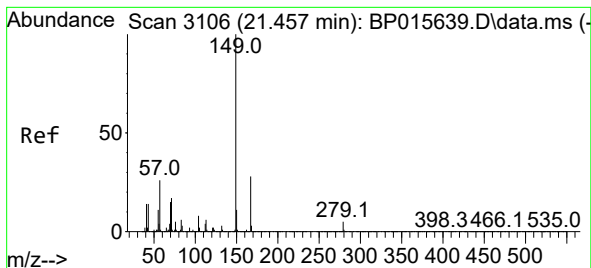
Ion Ratio Lower Upper

228 100

229 21.0 15.8 23.6

226 28.2 21.8 32.6

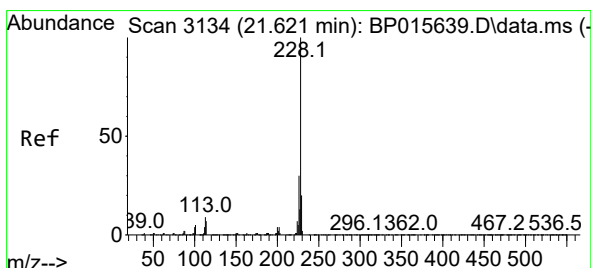
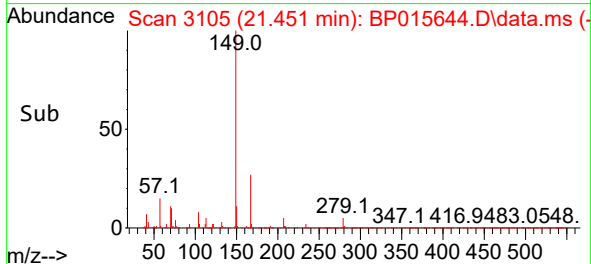
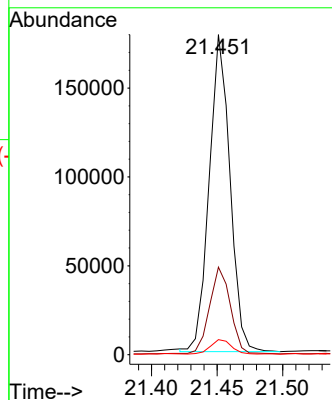
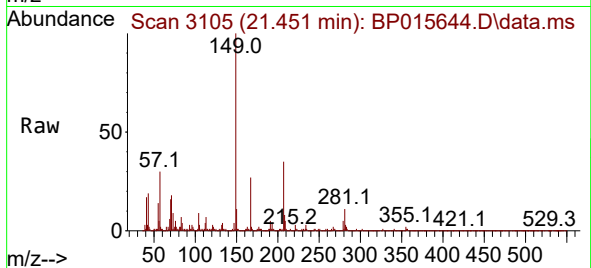




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 9.351 ng/ul
 RT: 21.451 min Scan# 3105
 Delta R.T. -0.006 min
 Lab File: BP015644.D
 Acq: 22 Jun 2023 13:25

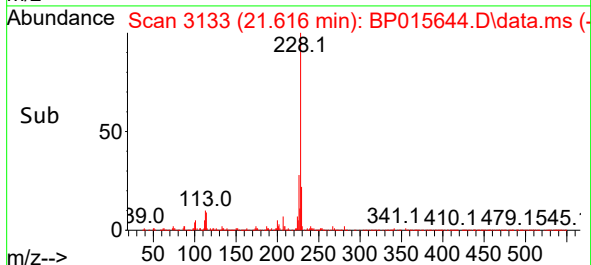
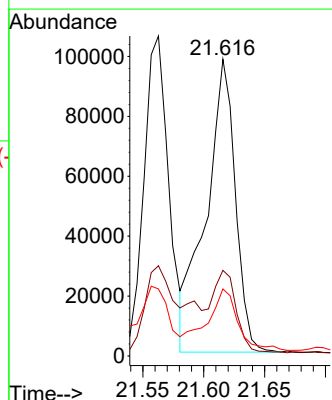
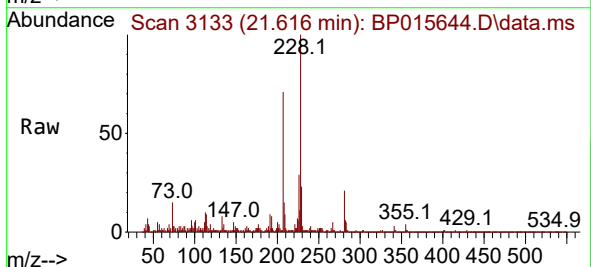
Instrument :
 BNA_P
 ClientSampleId :
 DCFK4

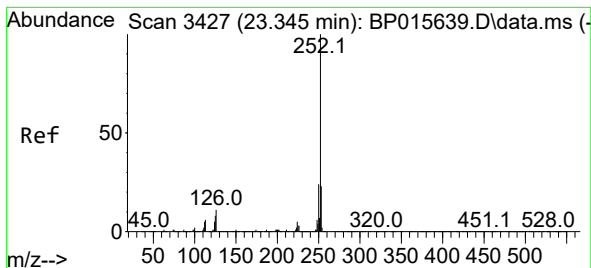
Tgt Ion:149 Resp: 196556
 Ion Ratio Lower Upper
 149 100
 167 27.4 21.8 32.8
 279 4.7 3.7 5.5



#87
 Chrysene
 Concen: 5.222 ng/ul
 RT: 21.616 min Scan# 3133
 Delta R.T. -0.006 min
 Lab File: BP015644.D
 Acq: 22 Jun 2023 13:25

Tgt Ion:228 Resp: 164583
 Ion Ratio Lower Upper
 228 100
 226 28.9 23.9 35.9
 229 22.6 15.1 22.7





#90

Benzo(b)fluoranthene

Concen: 8.113 ng/ul

RT: 23.345 min Scan# 3427

Delta R.T. 0.000 min

Lab File: BP015644.D

Acq: 22 Jun 2023 13:25

Instrument :

BNA_P

ClientSampleId :

DCFK4

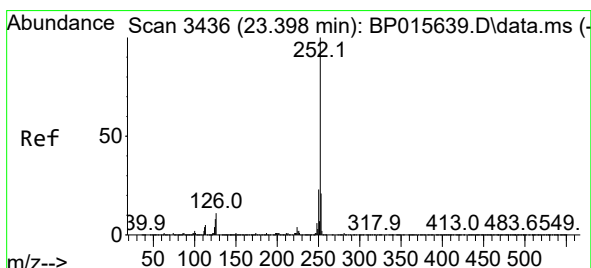
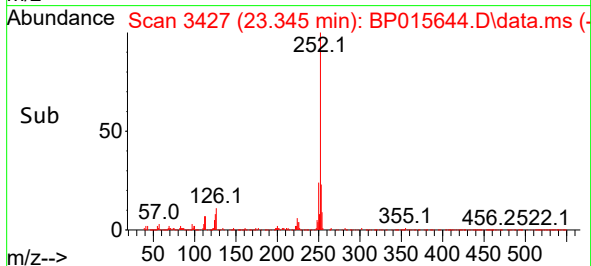
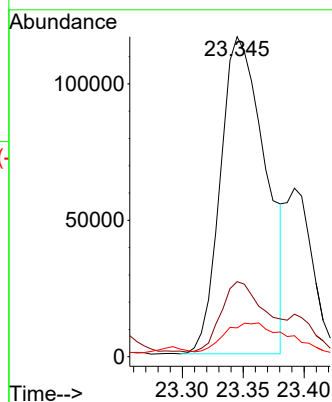
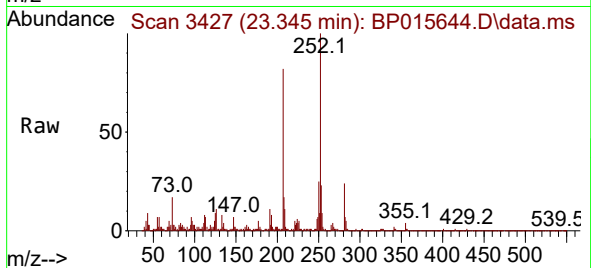
Tgt Ion:252 Resp: 299562

Ion Ratio Lower Upper

252 100

253 23.5 17.4 26.2

125 9.0 7.3 10.9



#91

Benzo(k)fluoranthene

Concen: 8.392 ng/ul

RT: 23.345 min Scan# 3427

Delta R.T. -0.053 min

Lab File: BP015644.D

Acq: 22 Jun 2023 13:25

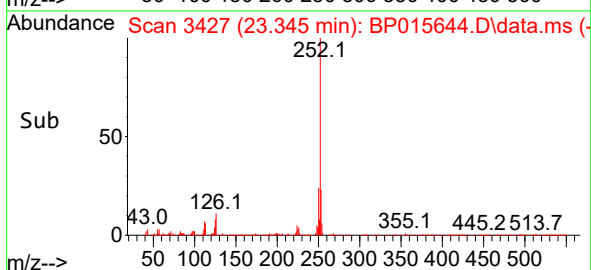
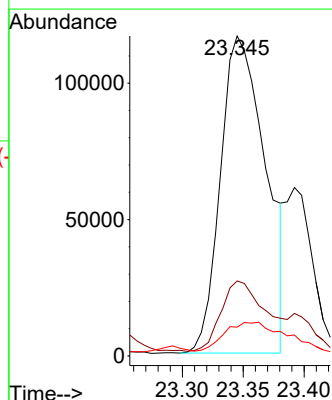
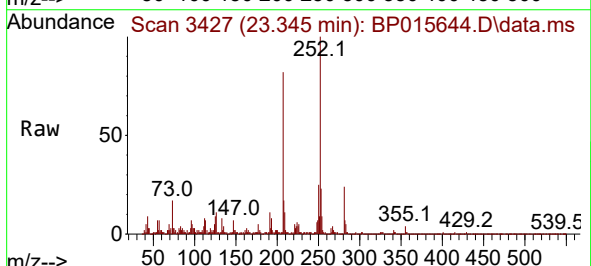
Tgt Ion:252 Resp: 299562

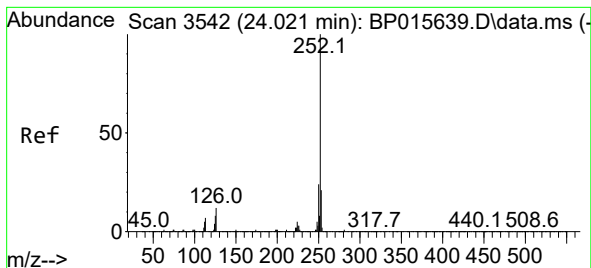
Ion Ratio Lower Upper

252 100

253 23.5 17.7 26.5

125 9.0 7.3 10.9





#93

Benzo(a)pyrene

Concen: 5.399 ng/ul

RT: 24.016 min Scan# 3

Delta R.T. -0.006 min

Lab File: BP015644.D

Acq: 22 Jun 2023 13:25

Instrument :

BNA_P

ClientSampleId :

DCFk4

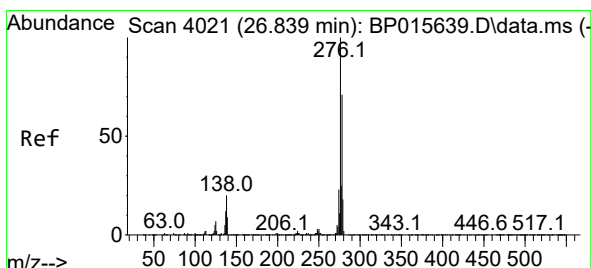
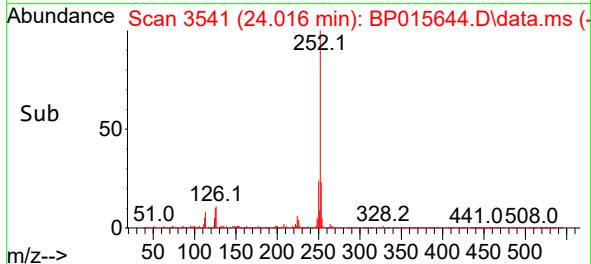
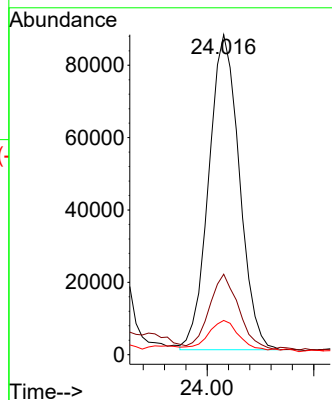
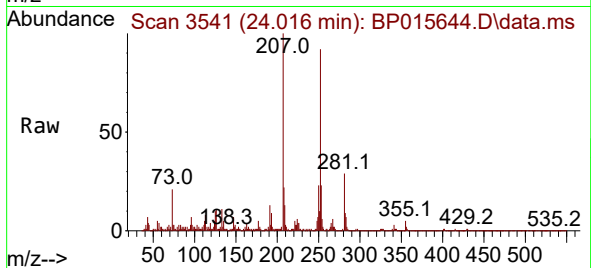
Tgt Ion:252 Resp: 173799

Ion Ratio Lower Upper

252 100

253 25.2 17.8 26.6

125 10.7 8.1 12.1



#94

Indeno(1,2,3-cd)pyrene

Concen: 3.871 ng/ul

RT: 26.833 min Scan# 4020

Delta R.T. -0.006 min

Lab File: BP015644.D

Acq: 22 Jun 2023 13:25

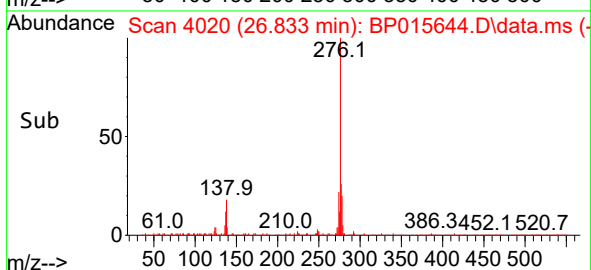
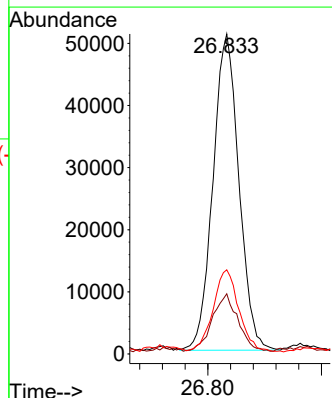
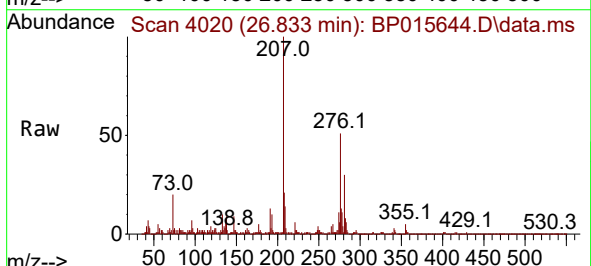
Tgt Ion:276 Resp: 161299

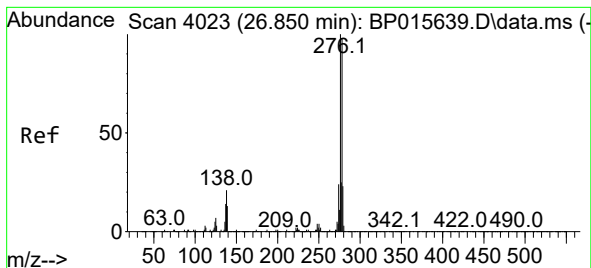
Ion Ratio Lower Upper

276 100

138 18.8 17.3 25.9

277 26.3 20.2 30.2





#95

Dibenzo(a,h)anthracene

Concen: 1.318 ng/ul

RT: 26.839 min Scan# 4023

Delta R.T. -0.011 min

Lab File: BP015644.D

Acq: 22 Jun 2023 13:25

Instrument :

BNA_P

ClientSampleId :

DCFk4

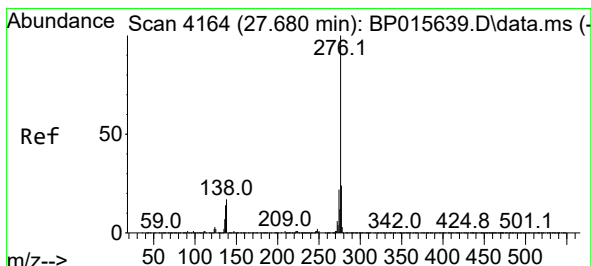
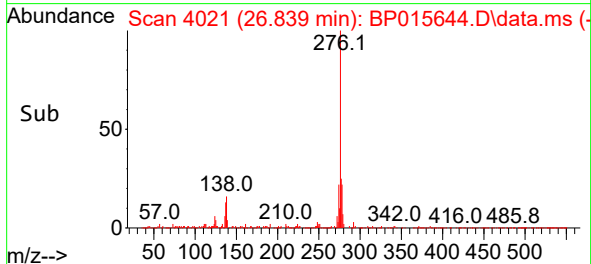
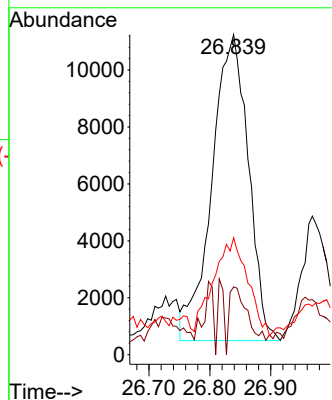
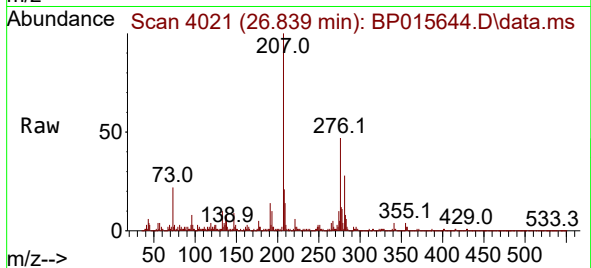
Tgt Ion:278 Resp: 44735

Ion Ratio Lower Upper

278 100

139 21.2 11.4 17.0#

279 36.5 18.7 28.1#



#96

Benzo(g,h,i)perylene

Concen: 4.334 ng/ul

RT: 27.668 min Scan# 4162

Delta R.T. -0.012 min

Lab File: BP015644.D

Acq: 22 Jun 2023 13:25

Tgt Ion:276 Resp: 148793

Ion Ratio Lower Upper

276 100

138 16.8 15.6 23.4

277 24.6 19.0 28.6

