

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070423\
 Data File : BP015984.D
 Acq On : 04 Jul 2023 19:40
 Operator : MA/JU
 Sample : 03245-16
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCGH4

Quant Time: Jul 04 21:58:49 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jul 02 06:12:16 2023
 Response via : Initial Calibration

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

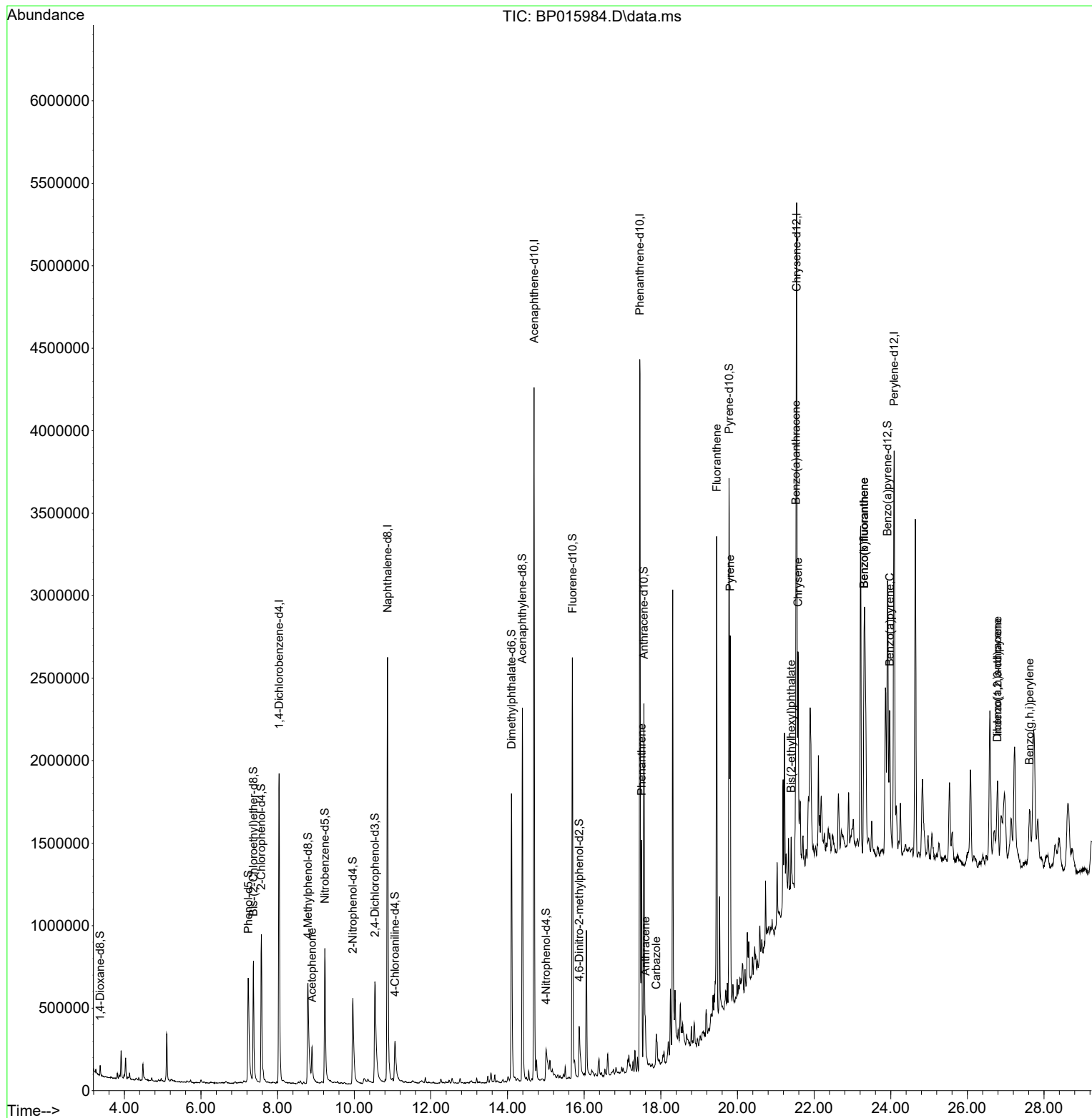
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.040	152	554723	20.000	ng/ul	0.00
20) Naphthalene-d8	10.869	136	2406222	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.693	164	1393195	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.451	188	2576658	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.545	240	1788821	20.000	ng/ul	0.00
88) Perylene-d12	24.086	264	2134103	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.370	96	28680	1.860	ng/uL	0.00
4) Pyridine-d5	3.817	84	234	0.006	ng/ul	0.00
7) Phenol-d5	7.234	99	546690	11.518	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.369	67	392938	13.382	ng/ul	0.00
11) 2-Chlorophenol-d4	7.575	132	458771	12.805	ng/ul	0.00
15) 4-Methylphenol-d8	8.793	113	393900	10.505	ng/ul	0.01
21) Nitrobenzene-d5	9.234	128	225058	12.239	ng/ul	0.00
24) 2-Nitrophenol-d4	9.963	143	243006	11.322	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.540	165	401412	10.495	ng/ul	0.03
31) 4-Chloroaniline-d4	11.063	131	249995	5.088	ng/ul	0.04
46) Dimethylphthalate-d6	14.104	166	1344099	12.482	ng/ul	0.00
49) Acenaphthylene-d8	14.387	160	1502756	12.414	ng/ul	0.00
54) 4-Nitrophenol-d4	15.004	143	107259	7.548	ng/ul	0.05
60) Fluorene-d10	15.692	176	1071403	12.084	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.869	200	95286	6.013	ng/ul	0.01
73) Anthracene-d10	17.557	188	1333641	11.331	ng/ul	0.00
81) Pyrene-d10	19.780	212	1454863	12.455	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.916	264	1369654	12.723	ng/ul	-0.01
Target Compounds						
					Qvalue	
16) Acetophenone	8.899	105	124604	2.022	ng/ul	98
72) Phenanthrene	17.498	178	801230	5.724	ng/ul	98
74) Anthracene	17.598	178	159672	1.135	ng/ul	98
77) Carbazole	17.881	167	128568	1.084	ng/ul	99
80) Fluoranthene	19.457	202	1645862	11.338	ng/ul#	95
82) Pyrene	19.810	202	1295926	8.751	ng/ul#	90
85) Benzo(a)anthracene	21.527	228	722197	5.739	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.398	149	105639	1.272	ng/ul	97
87) Chrysene	21.580	228	761121	6.375	ng/ul	98
90) Benzo(b)fluoranthene	23.304	252	1182280	8.622	ng/ul#	96
91) Benzo(k)fluoranthene	23.304	252	1182280	8.533	ng/ul#	95
93) Benzo(a)pyrene	23.974	252	700984	5.850	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.786	276	589400	3.624	ng/ul	97
95) Dibenzo(a,h)anthracene	26.780	278	162074	1.213	ng/ul#	75
96) Benzo(g,h,i)perylene	27.621	276	531893	3.975	ng/ul#	95

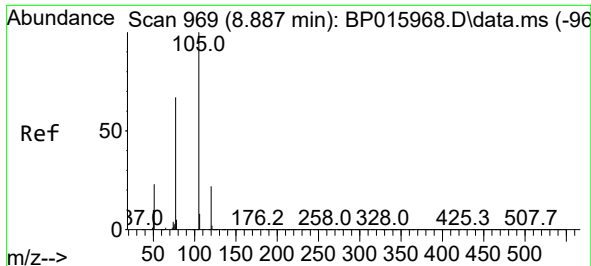
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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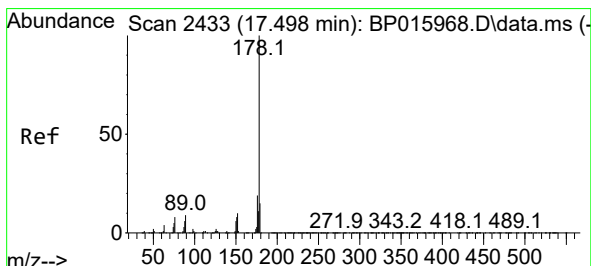
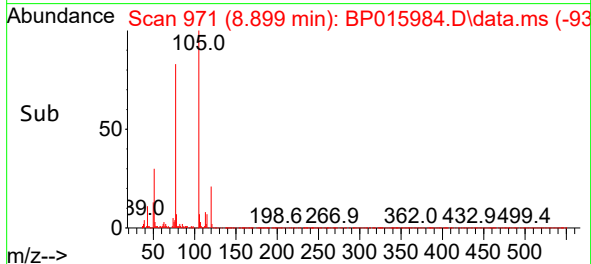
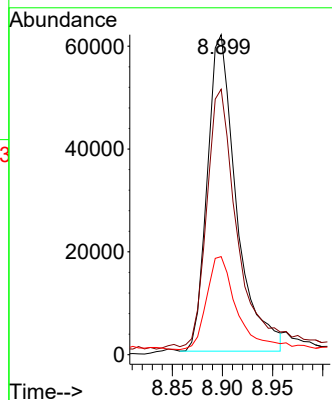
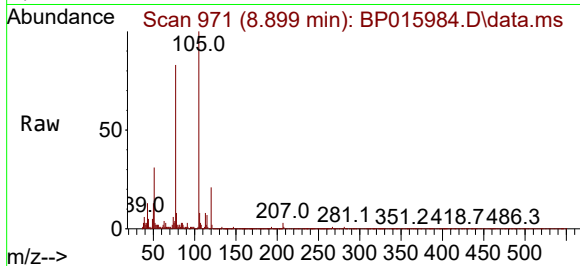




#16
Acetophenone
Concen: 2.022 ng/ul
RT: 8.899 min Scan# 91
Delta R.T. 0.012 min
Lab File: BP015984.D
Acq: 04 Jul 2023 19:40

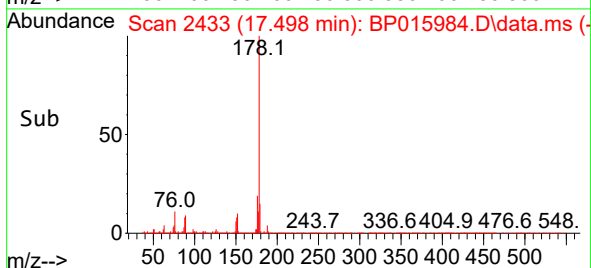
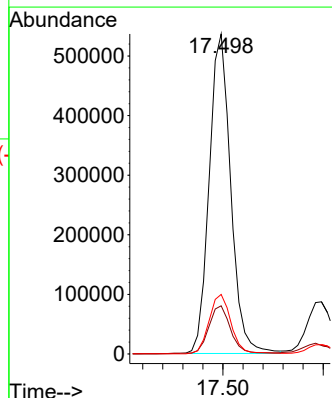
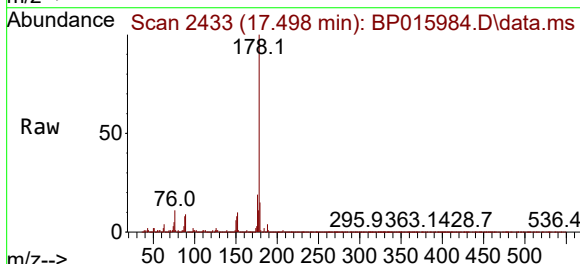
Instrument :
BNA_P
ClientSampleId :
DCGH4

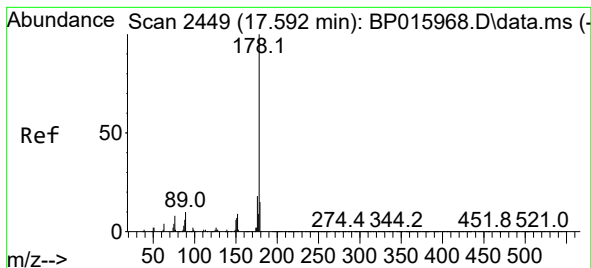
Tgt Ion:105 Resp: 124604
Ion Ratio Lower Upper
105 100
77 83.0 65.0 97.4
51 30.7 25.1 37.7



#72
Phenanthrene
Concen: 5.724 ng/ul
RT: 17.498 min Scan# 2433
Delta R.T. 0.000 min
Lab File: BP015984.D
Acq: 04 Jul 2023 19:40

Tgt Ion:178 Resp: 801230
Ion Ratio Lower Upper
178 100
179 15.1 12.4 18.6
176 18.6 15.6 23.4





#74

Anthracene

Concen: 1.135 ng/ul

RT: 17.598 min Scan# 2449

Delta R.T. 0.000 min

Lab File: BP015984.D

Acq: 04 Jul 2023 19:40

Instrument :

BNA_P

ClientSampleId :

DCGH4

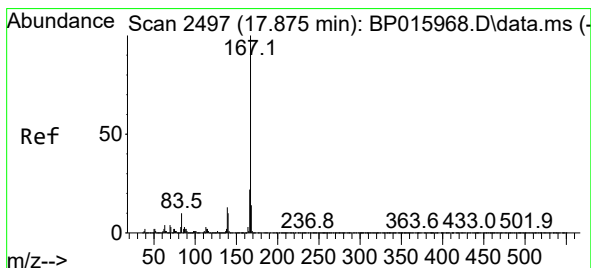
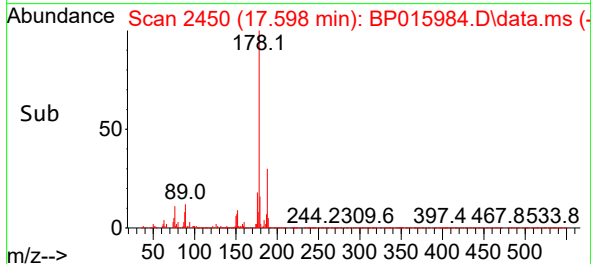
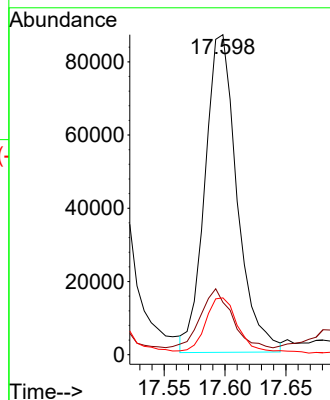
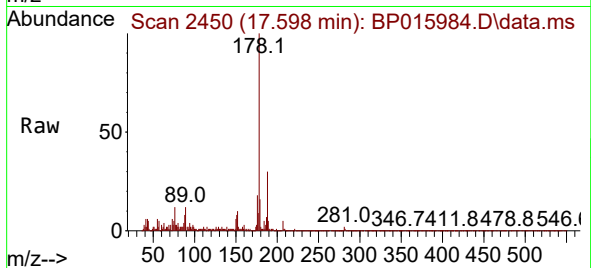
Tgt Ion:178 Resp: 159672

Ion Ratio Lower Upper

178 100

179 16.3 12.1 18.1

176 17.7 14.6 22.0



#77

Carbazole

Concen: 1.084 ng/ul

RT: 17.881 min Scan# 2498

Delta R.T. 0.006 min

Lab File: BP015984.D

Acq: 04 Jul 2023 19:40

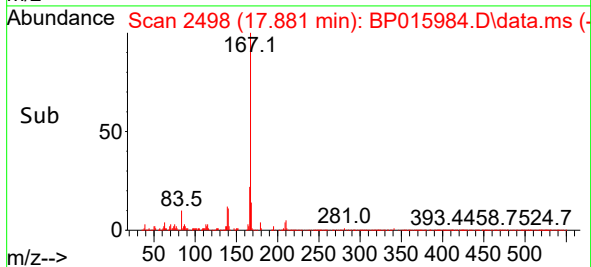
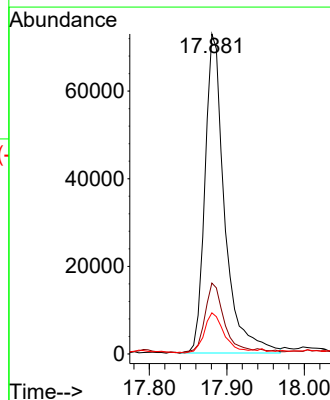
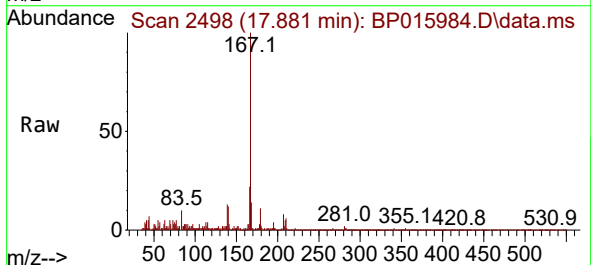
Tgt Ion:167 Resp: 128568

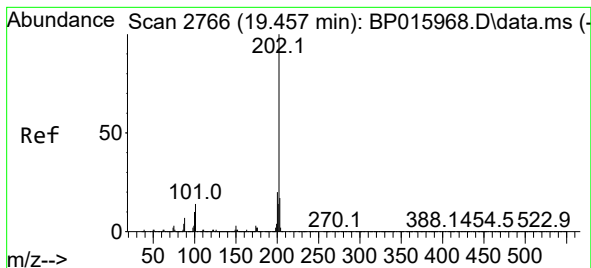
Ion Ratio Lower Upper

167 100

166 22.2 17.4 26.0

139 12.9 11.0 16.4





#80

Fluoranthene

Concen: 11.338 ng/ul

RT: 19.457 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP015984.D

Acq: 04 Jul 2023 19:40

Instrument :

BNA_P

ClientSampleId :

DCGH4

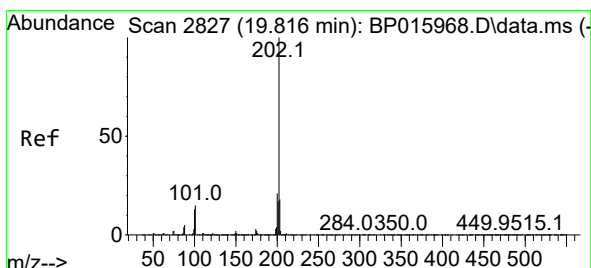
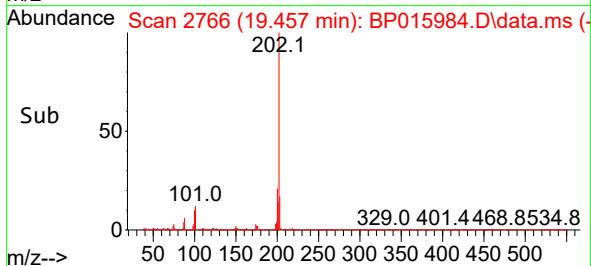
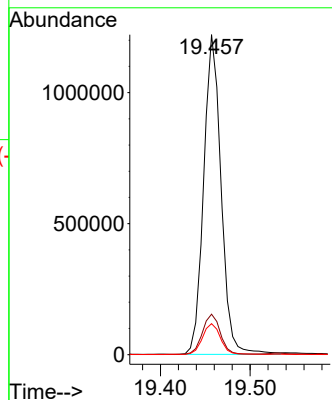
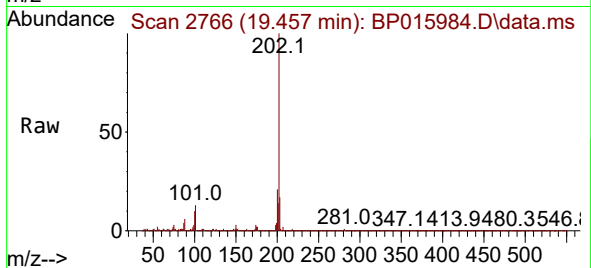
Tgt Ion:202 Resp: 1645862

Ion Ratio Lower Upper

202 100

101 12.6 8.3 12.5#

100 9.7 6.6 9.8



#82

Pyrene

Concen: 8.751 ng/ul

RT: 19.810 min Scan# 2826

Delta R.T. -0.006 min

Lab File: BP015984.D

Acq: 04 Jul 2023 19:40

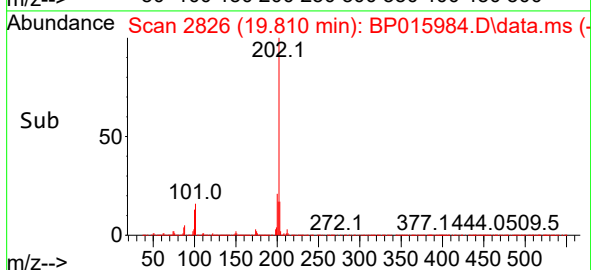
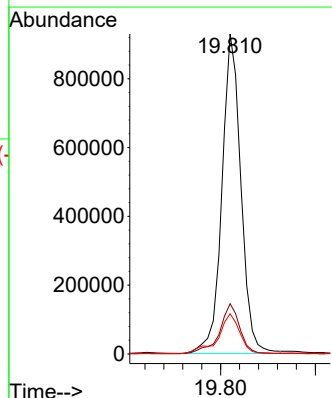
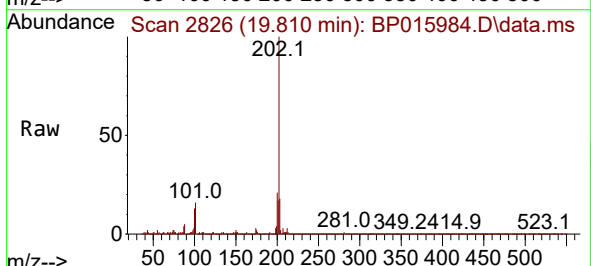
Tgt Ion:202 Resp: 1295926

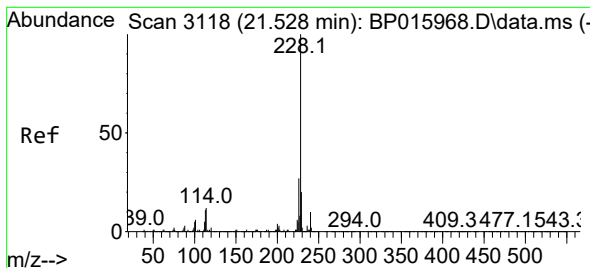
Ion Ratio Lower Upper

202 100

101 15.7 9.3 13.9#

100 12.6 7.6 11.4#





#85

Benzo(a)anthracene

Concen: 5.739 ng/ul

RT: 21.527 min Scan# 3118

Delta R.T. -0.006 min

Lab File: BP015984.D

Acq: 04 Jul 2023 19:40

Instrument :

BNA_P

ClientSampleId :

DCGH4

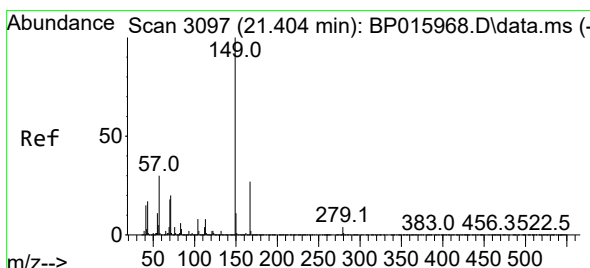
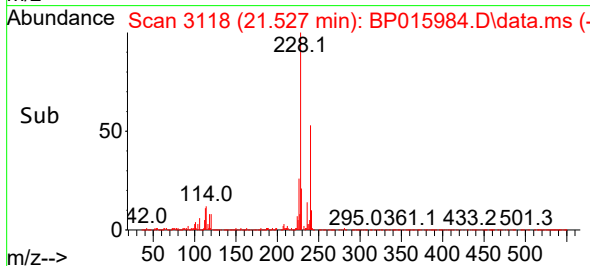
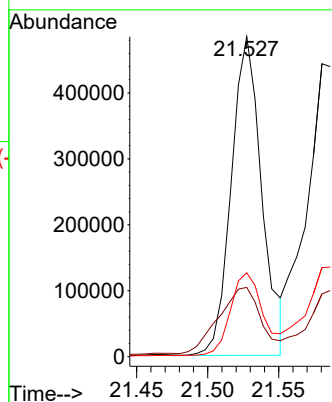
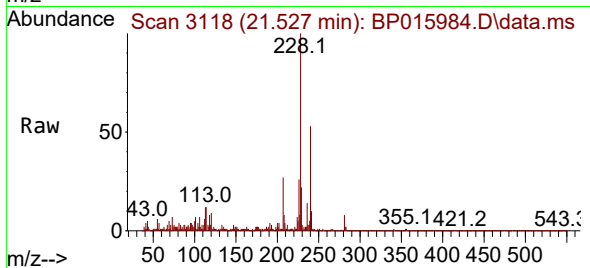
Tgt Ion:228 Resp: 722197

Ion Ratio Lower Upper

228 100

229 21.7 15.3 22.9

226 26.2 21.4 32.0



#86

Bis(2-ethylhexyl)phthalate

Concen: 1.272 ng/ul

RT: 21.398 min Scan# 3096

Delta R.T. -0.011 min

Lab File: BP015984.D

Acq: 04 Jul 2023 19:40

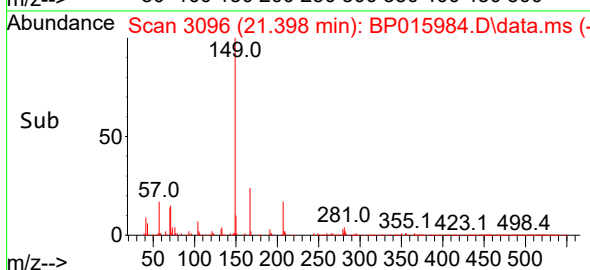
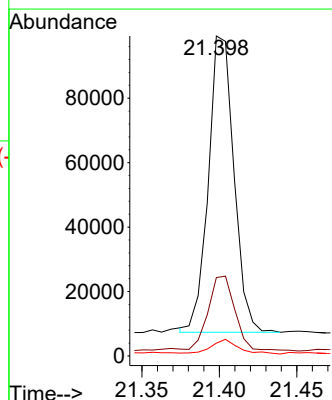
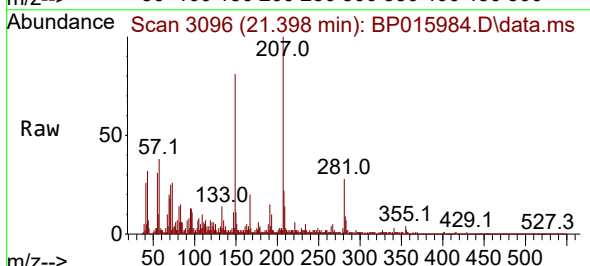
Tgt Ion:149 Resp: 105639

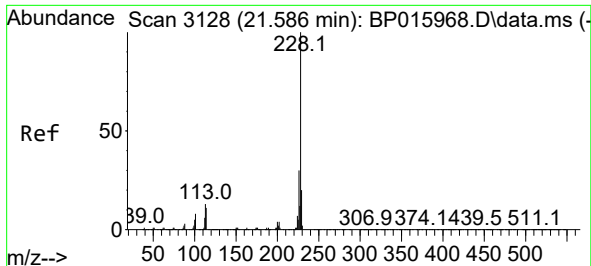
Ion Ratio Lower Upper

149 100

167 24.5 21.0 31.6

279 4.0 3.8 5.6





#87

Chrysene

Concen: 6.375 ng/ul

RT: 21.580 min Scan# 3128

Delta R.T. -0.006 min

Lab File: BP015984.D

Acq: 04 Jul 2023 19:40

Instrument :

BNA_P

ClientSampleId :

DCGH4

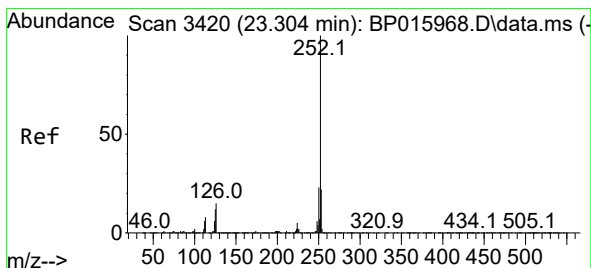
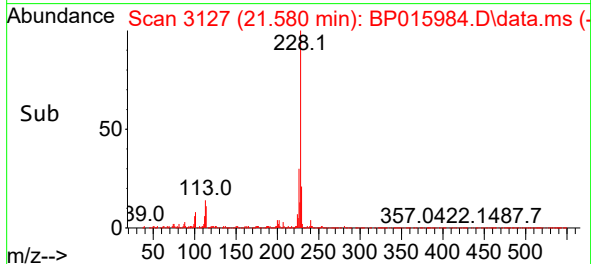
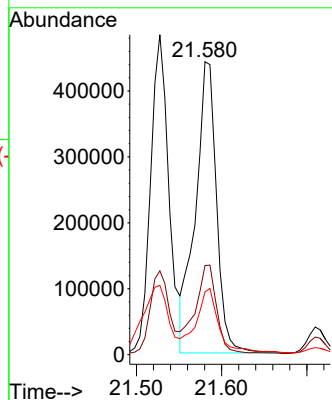
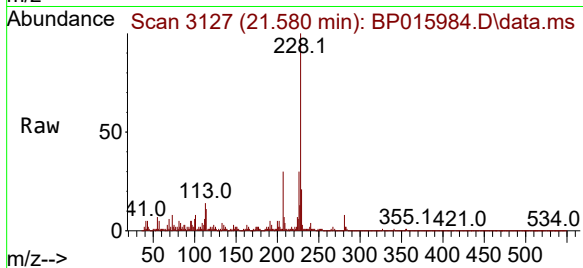
Tgt Ion:228 Resp: 761121

Ion Ratio Lower Upper

228 100

226 30.4 24.3 36.5

229 21.4 15.5 23.3



#90

Benzo(b)fluoranthene

Concen: 8.622 ng/ul

RT: 23.304 min Scan# 3420

Delta R.T. -0.006 min

Lab File: BP015984.D

Acq: 04 Jul 2023 19:40

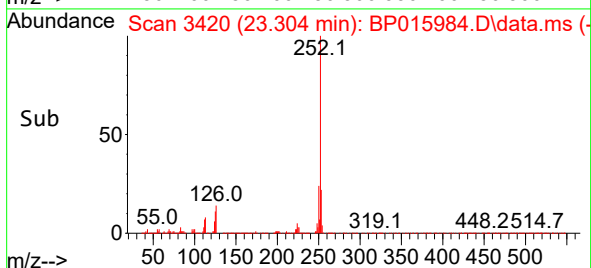
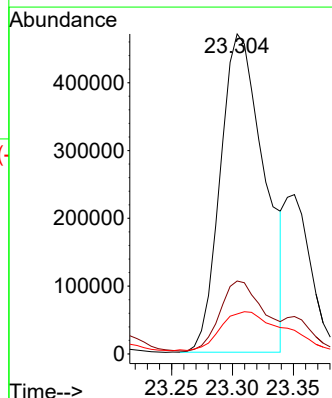
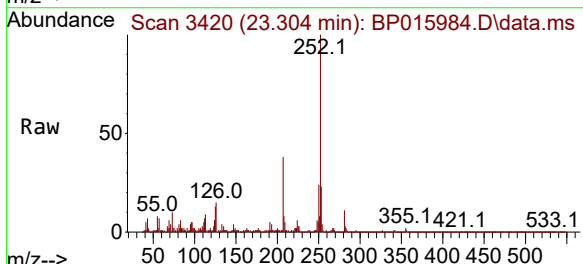
Tgt Ion:252 Resp: 1182280

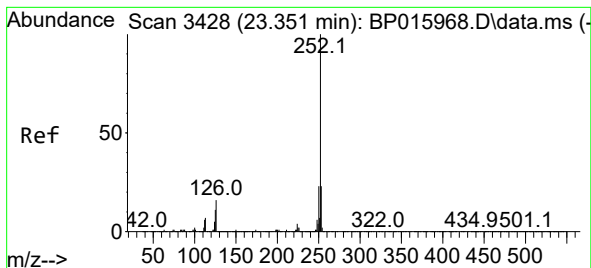
Ion Ratio Lower Upper

252 100

253 22.8 17.3 25.9

125 12.5 7.5 11.3#





#91

Benzo(k)fluoranthene

Concen: 8.533 ng/ul

RT: 23.304 min Scan# 34

Delta R.T. -0.053 min

Lab File: BP015984.D

Acq: 04 Jul 2023 19:40

Instrument :

BNA_P

ClientSampleId :

DCGH4

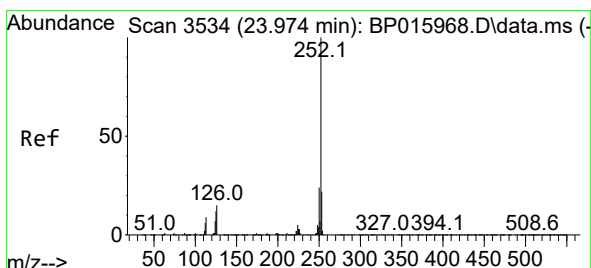
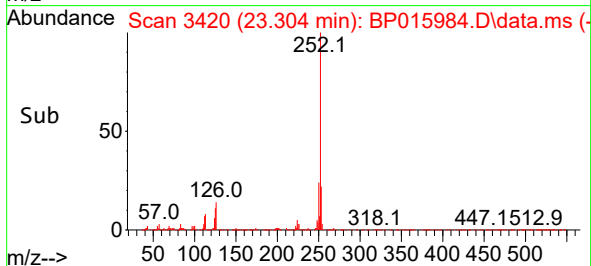
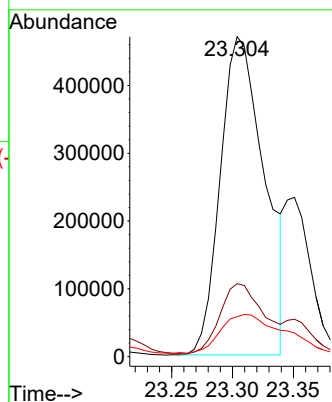
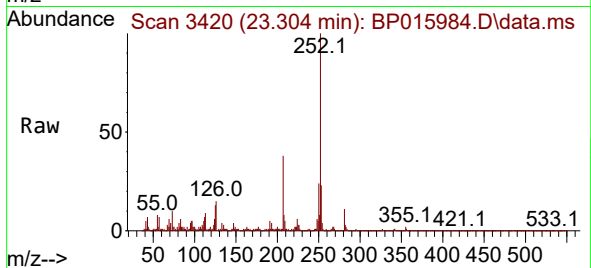
Tgt Ion:252 Resp: 1182280

Ion Ratio Lower Upper

252 100

253 22.8 17.0 25.4

125 12.5 7.3 10.9#



#93

Benzo(a)pyrene

Concen: 5.850 ng/ul

RT: 23.974 min Scan# 3534

Delta R.T. -0.006 min

Lab File: BP015984.D

Acq: 04 Jul 2023 19:40

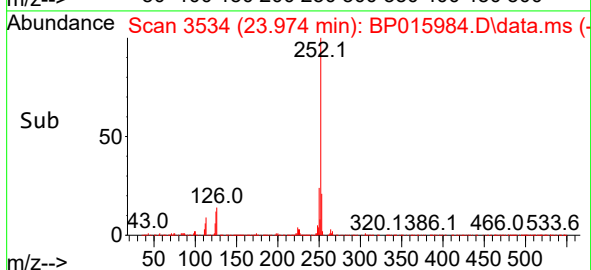
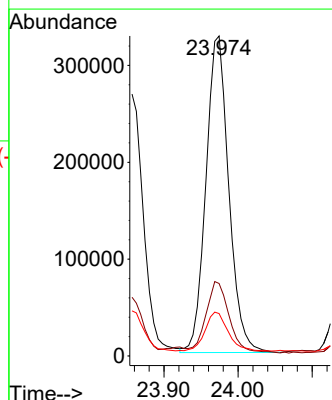
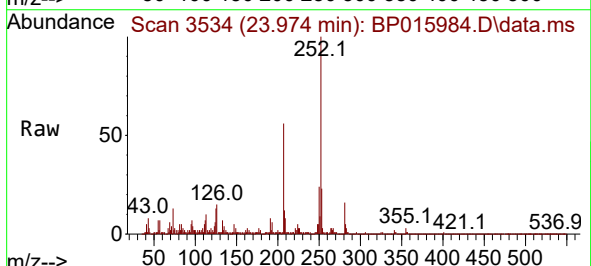
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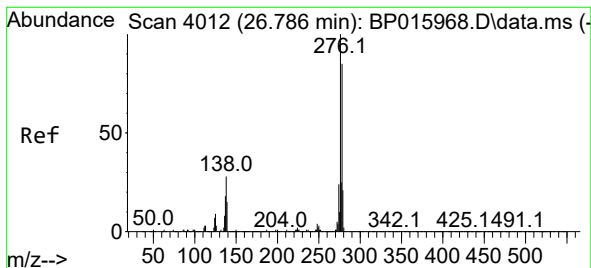
Ion Ratio Lower Upper

252 100

253 22.7 17.7 26.5

125 13.2 8.2 12.2#





#94

Indeno(1,2,3-cd)pyrene

Concen: 3.624 ng/ul

RT: 26.786 min Scan# 4012

Delta R.T. -0.006 min

Lab File: BP015984.D

Acq: 04 Jul 2023 19:40

Instrument :

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ClientSampleId :

DCGH4

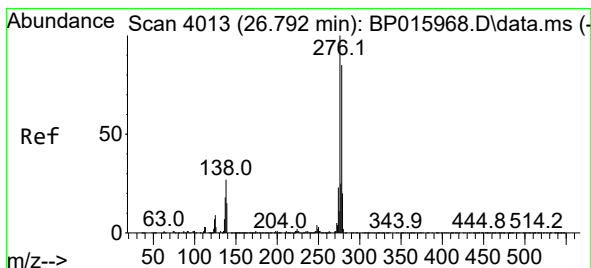
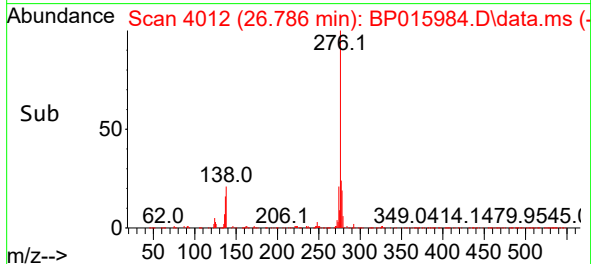
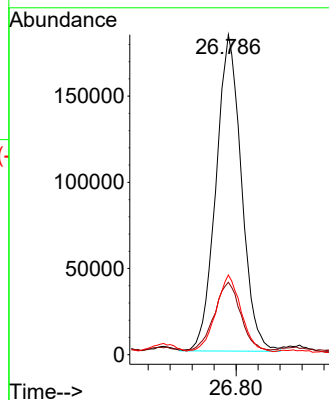
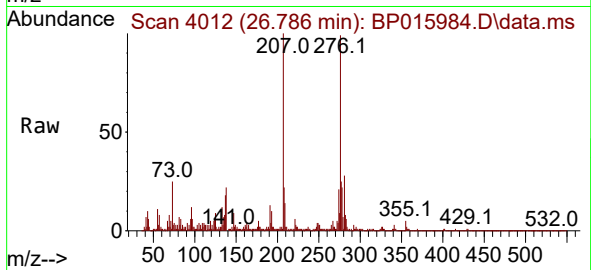
Tgt Ion:276 Resp: 589400

Ion Ratio Lower Upper

276 100

138 22.6 15.7 23.5

277 24.9 19.6 29.4



#95

Dibenzo(a,h)anthracene

Concen: 1.213 ng/ul

RT: 26.780 min Scan# 4011

Delta R.T. -0.017 min

Lab File: BP015984.D

Acq: 04 Jul 2023 19:40

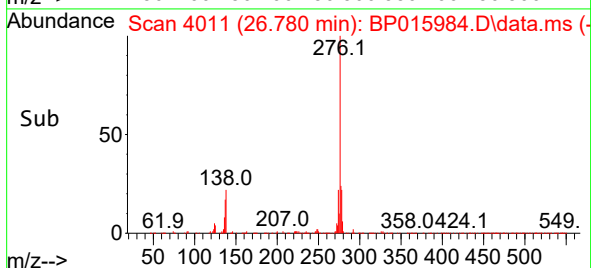
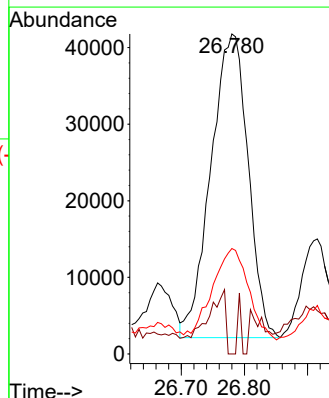
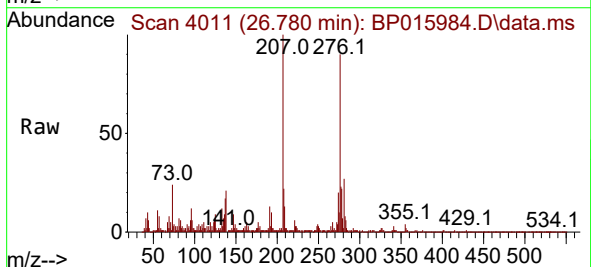
Tgt Ion:278 Resp: 162074

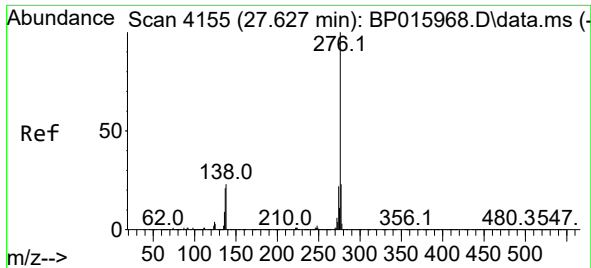
Ion Ratio Lower Upper

278 100

139 0.0 10.5 15.7#

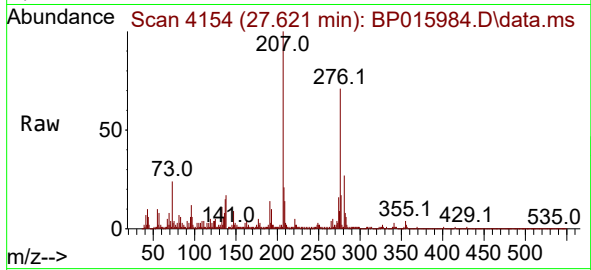
279 32.9 18.4 27.6#





#96
 Benzo(g,h,i)perylene
 Concen: 3.975 ng/ul
 RT: 27.621 min Scan# 4154
 Delta R.T. -0.006 min
 Lab File: BP015984.D
 Acq: 04 Jul 2023 19:40

Instrument :
 BNA_P
 ClientSampleId :
 DCGH4



Tgt Ion:276 Resp: 531893
 Ion Ratio Lower Upper
 276 100
 138 23.8 15.1 22.7#
 277 23.7 18.8 28.2

