

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070323\
 Data File : BP015960.D
 Acq On : 03 Jul 2023 20:35
 Operator : MA/JU
 Sample : 03353-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCGK3

Quant Time: Jul 03 22:11:55 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

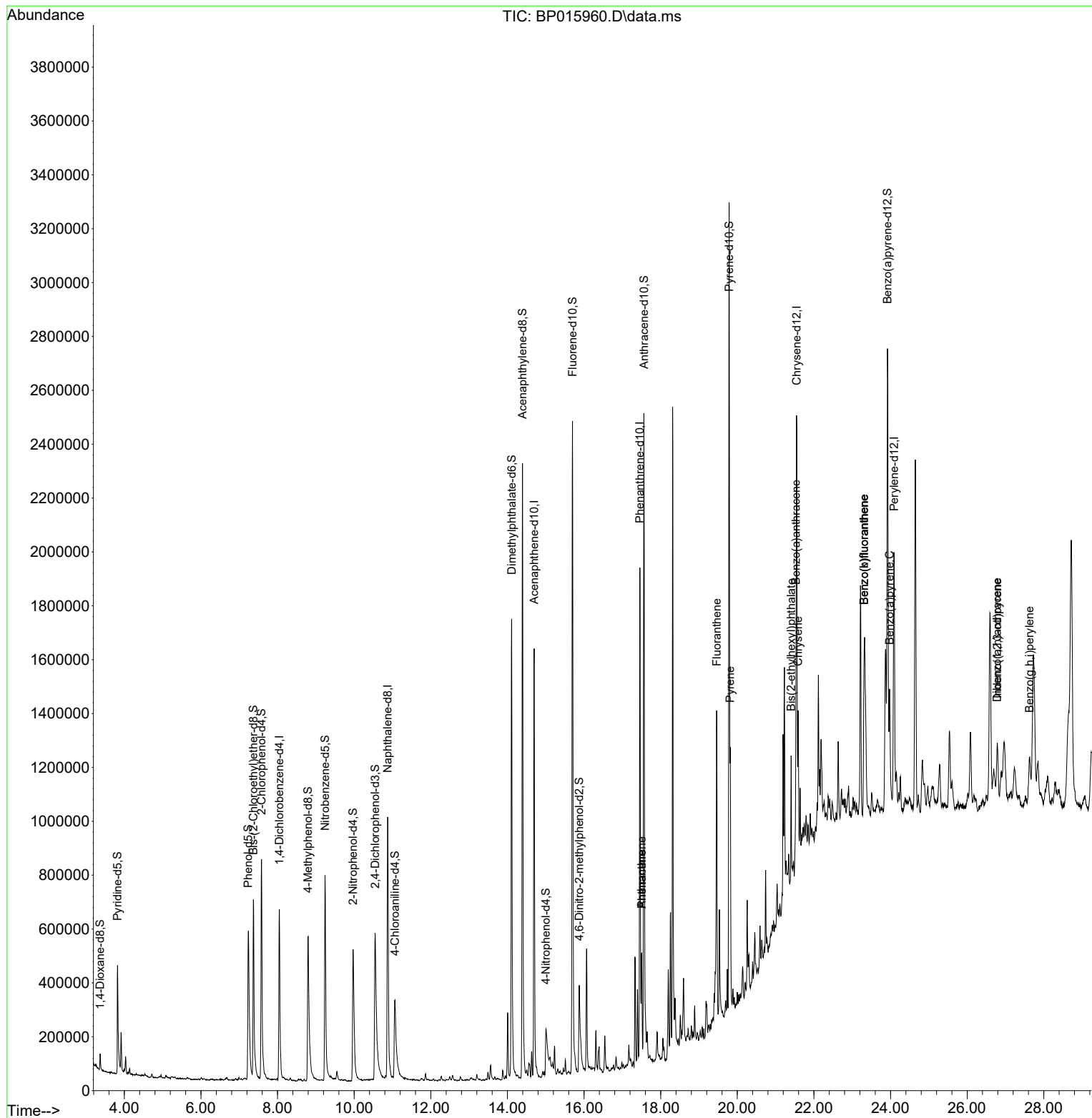
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.046	152	211450	20.000	ng/ul	0.00
20) Naphthalene-d8	10.875	136	949518	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.698	164	560137	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.457	188	1090163	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.551	240	704640	20.000	ng/ul	0.00
88) Perylene-d12	24.092	264	814001	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.370	96	29132	4.957	ng/uL	0.00
4) Pyridine-d5	3.822	84	241272	16.286	ng/ul	0.00
7) Phenol-d5	7.234	99	505003	27.913	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.369	67	386601	34.539	ng/ul	0.00
11) 2-Chlorophenol-d4	7.581	132	442387	32.392	ng/ul	0.00
15) 4-Methylphenol-d8	8.793	113	356110	24.916	ng/ul	0.01
21) Nitrobenzene-d5	9.240	128	224347	30.916	ng/ul	0.00
24) 2-Nitrophenol-d4	9.969	143	240680	28.418	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.546	165	394413	26.133	ng/ul	0.04
31) 4-Chloroaniline-d4	11.063	131	331681	17.108	ng/ul	0.04
46) Dimethylphthalate-d6	14.110	166	1338630	30.919	ng/ul	0.00
49) Acenaphthylene-d8	14.393	160	1525250	31.339	ng/ul	0.00
54) 4-Nitrophenol-d4	15.004	143	105916	18.539	ng/ul	0.05
60) Fluorene-d10	15.698	176	1117848	31.358	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.875	200	114376	17.060	ng/ul	0.02
73) Anthracene-d10	17.563	188	1527706	30.679	ng/ul	0.00
81) Pyrene-d10	19.786	212	1522637	33.093	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.921	264	1338820	32.605	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.504	178	231060	3.901	ng/ul	99
74) Anthracene	17.504	178	232941	3.914	ng/ul	99
80) Fluoranthene	19.463	202	636457	11.130	ng/ul#	92
82) Pyrene	19.816	202	548167	9.397	ng/ul#	90
85) Benzo(a)anthracene	21.533	228	287875	5.808	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.404	149	145135	4.438	ng/ul	97
87) Chrysene	21.586	228	373809	7.949	ng/ul	98
90) Benzo(b)fluoranthene	23.310	252	494104	9.447	ng/ul#	94
91) Benzo(k)fluoranthene	23.310	252	494104	9.350	ng/ul#	93
93) Benzo(a)pyrene	23.974	252	351698	7.695	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	26.786	276	253539	4.087	ng/ul#	95
95) Dibenzo(a,h)anthracene	26.780	278	77196	1.515	ng/ul#	79
96) Benzo(g,h,i)perylene	27.627	276	256319	5.022	ng/ul#	92

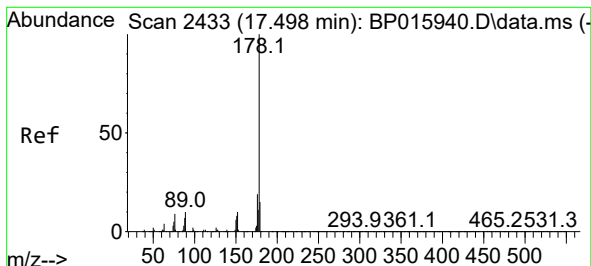
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Sun Jul 02 06:12:16 2023
Response via : Initial Calibration





#72

Phenanthrene

Concen: 3.901 ng/ul

RT: 17.504 min Scan# 2434

Delta R.T. 0.006 min

Lab File: BP015960.D

Acq: 03 Jul 2023 20:35

Instrument :

BNA_P

ClientSampleId :

DCGK3

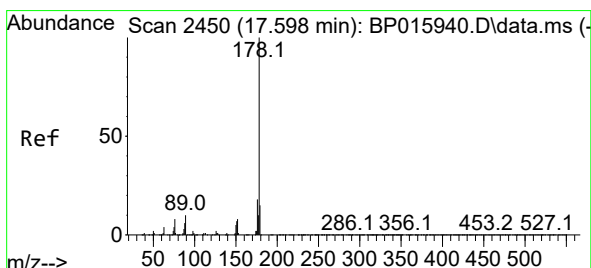
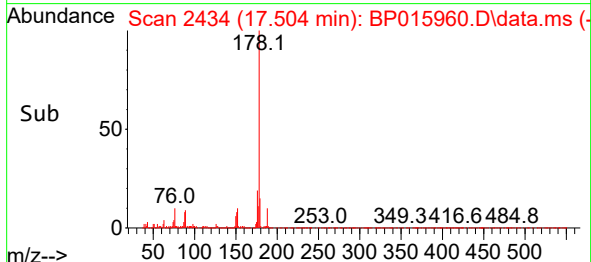
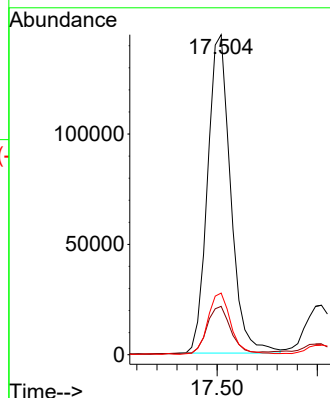
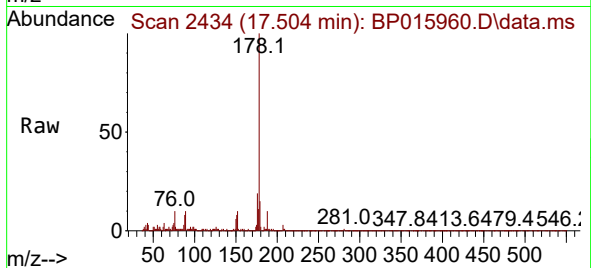
Tgt Ion:178 Resp: 231060

Ion Ratio Lower Upper

178 100

179 15.1 12.4 18.6

176 19.3 15.6 23.4



#74

Anthracene

Concen: 3.914 ng/ul

RT: 17.504 min Scan# 2434

Delta R.T. -0.094 min

Lab File: BP015960.D

Acq: 03 Jul 2023 20:35

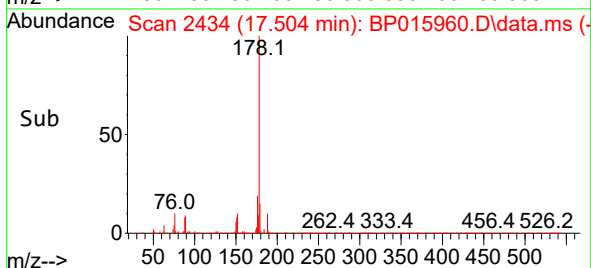
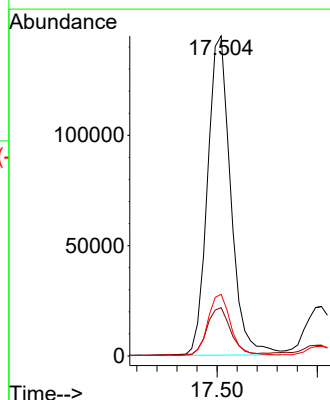
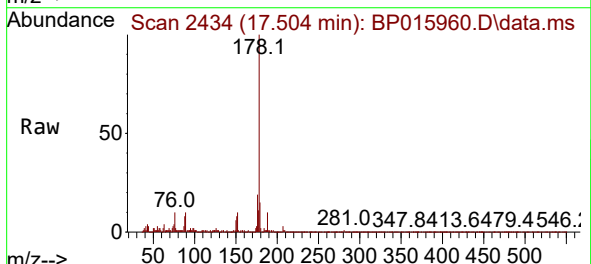
Tgt Ion:178 Resp: 232941

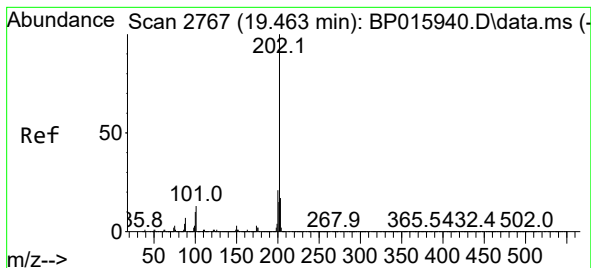
Ion Ratio Lower Upper

178 100

179 15.1 12.1 18.1

176 19.3 14.6 22.0





#80

Fluoranthene

Concen: 11.130 ng/ul

RT: 19.463 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP015960.D

Acq: 03 Jul 2023 20:35

Instrument :

BNA_P

ClientSampleId :

DCGK3

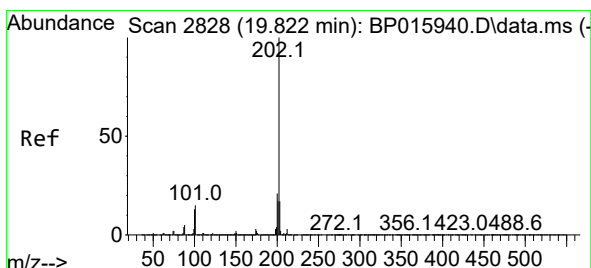
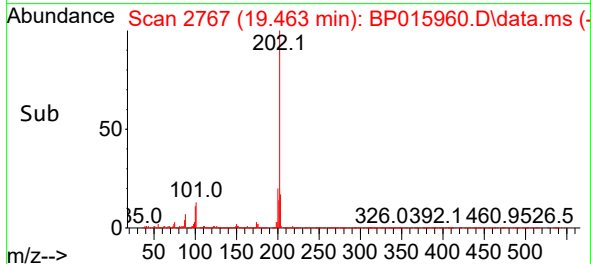
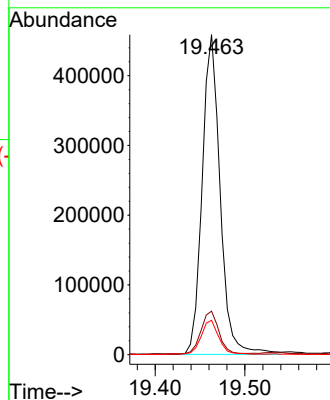
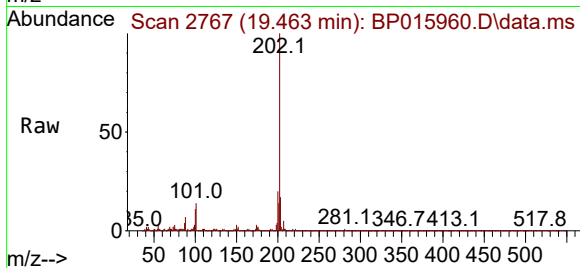
Tgt Ion:202 Resp: 636457

Ion Ratio Lower Upper

202 100

101 13.6 8.3 12.5#

100 10.7 6.6 9.8#



#82

Pyrene

Concen: 9.397 ng/ul

RT: 19.816 min Scan# 2827

Delta R.T. 0.000 min

Lab File: BP015960.D

Acq: 03 Jul 2023 20:35

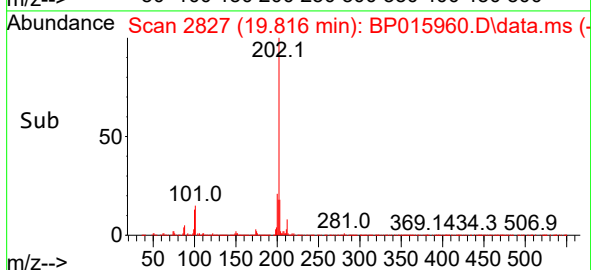
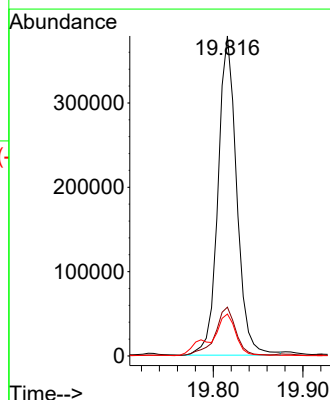
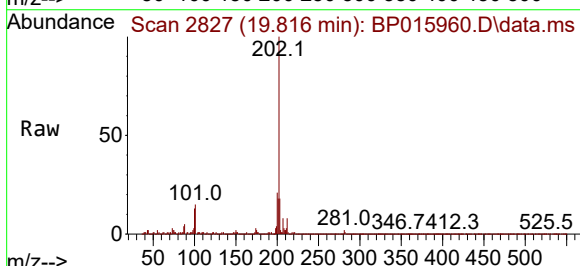
Tgt Ion:202 Resp: 548167

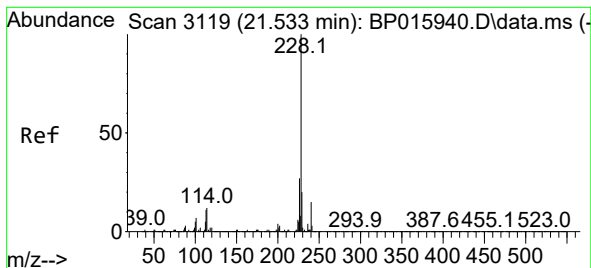
Ion Ratio Lower Upper

202 100

101 15.3 9.3 13.9#

100 13.1 7.6 11.4#





#85

Benzo(a)anthracene

Concen: 5.808 ng/ul

RT: 21.533 min Scan# 3119

Delta R.T. 0.000 min

Lab File: BP015960.D

Acq: 03 Jul 2023 20:35

Instrument :

BNA_P

ClientSampleId :

DCGK3

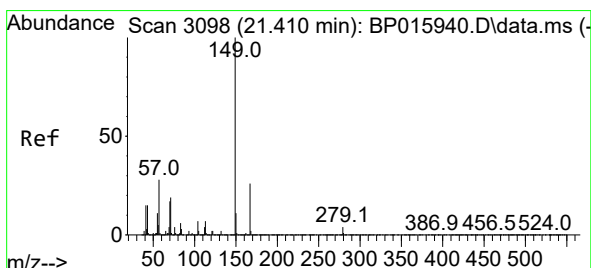
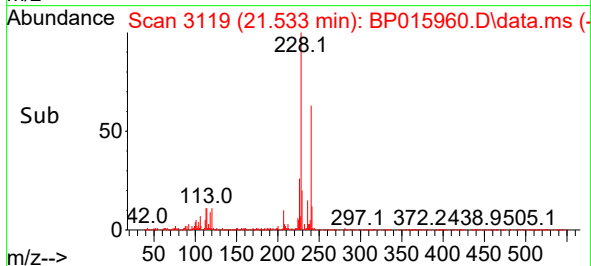
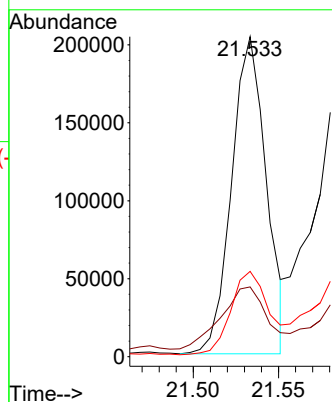
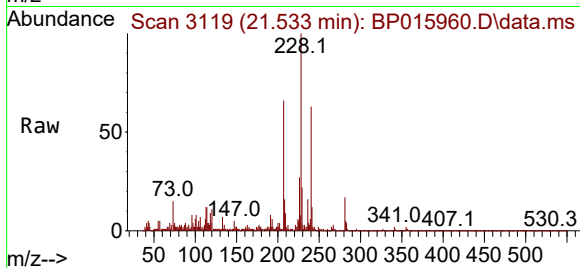
Tgt Ion:228 Resp: 287875

Ion Ratio Lower Upper

228 100

229 21.8 15.3 22.9

226 26.7 21.4 32.0



#86

Bis(2-ethylhexyl)phthalate

Concen: 4.438 ng/ul

RT: 21.404 min Scan# 3097

Delta R.T. -0.006 min

Lab File: BP015960.D

Acq: 03 Jul 2023 20:35

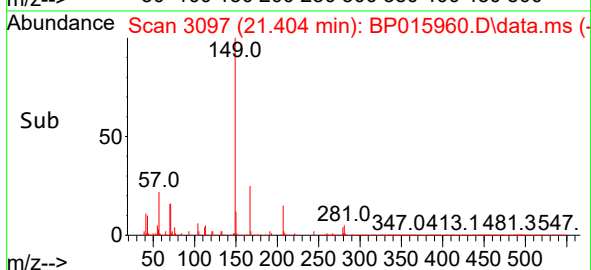
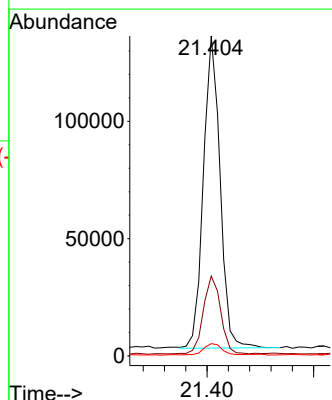
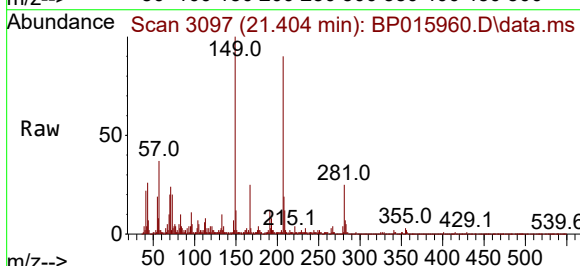
Tgt Ion:149 Resp: 145135

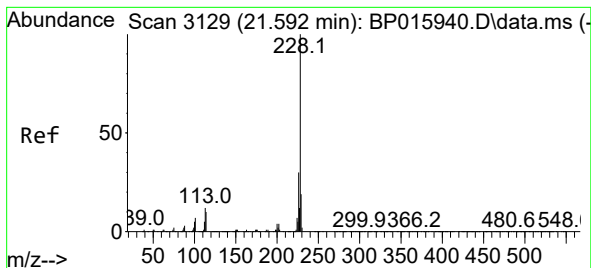
Ion Ratio Lower Upper

149 100

167 24.9 21.0 31.6

279 3.8 3.8 5.6





#87

Chrysene

Concen: 7.949 ng/ul

RT: 21.586 min Scan# 3129

Delta R.T. 0.000 min

Lab File: BP015960.D

Acq: 03 Jul 2023 20:35

Instrument :

BNA_P

ClientSampleId :

DCGK3

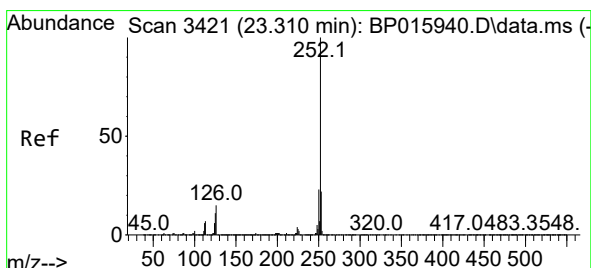
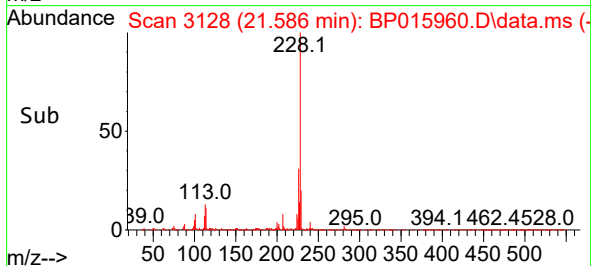
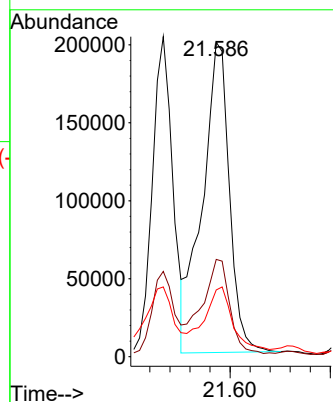
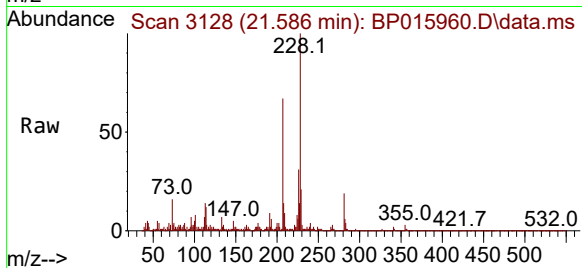
Tgt Ion:228 Resp: 373809

Ion Ratio Lower Upper

228 100

226 30.9 24.3 36.5

229 21.2 15.5 23.3



#90

Benzo(b)fluoranthene

Concen: 9.447 ng/ul

RT: 23.310 min Scan# 3421

Delta R.T. 0.000 min

Lab File: BP015960.D

Acq: 03 Jul 2023 20:35

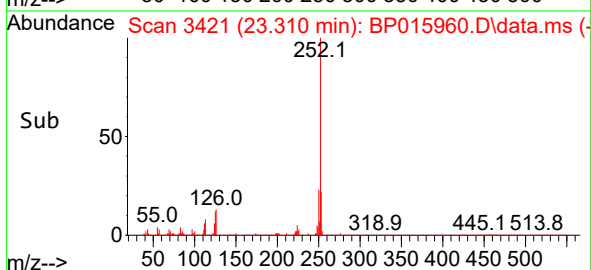
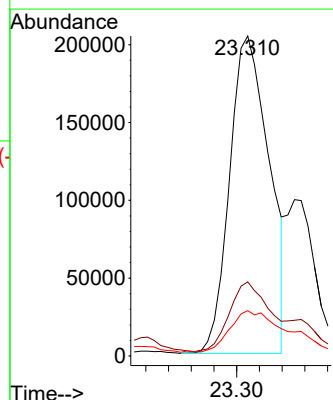
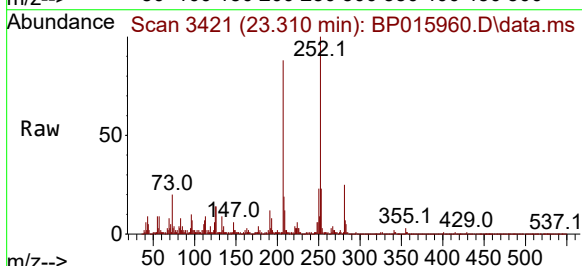
Tgt Ion:252 Resp: 494104

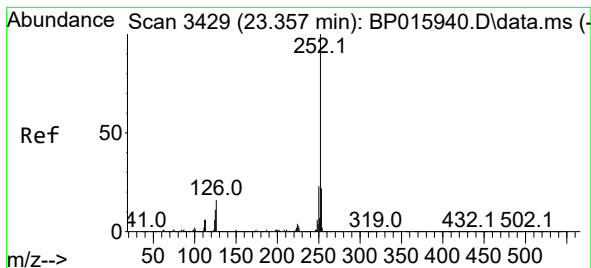
Ion Ratio Lower Upper

252 100

253 23.1 17.3 25.9

125 14.1 7.5 11.3#





#91

Benzo(k)fluoranthene

Concen: 9.350 ng/ul

RT: 23.310 min Scan# 3429

Delta R.T. -0.047 min

Lab File: BP015960.D

Acq: 03 Jul 2023 20:35

Instrument :

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ClientSampleId :

DCGK3

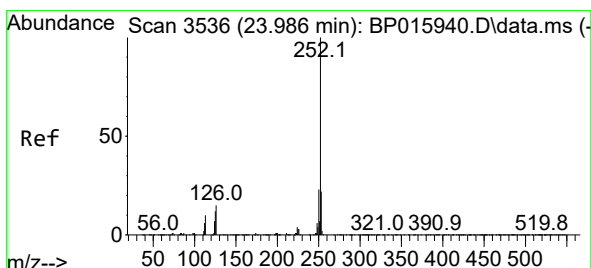
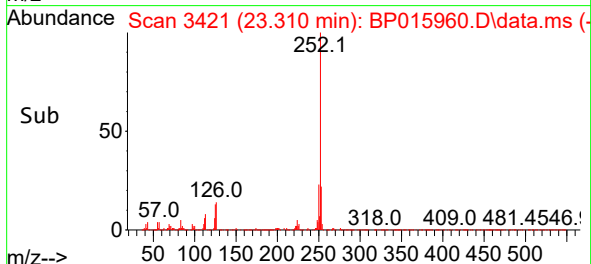
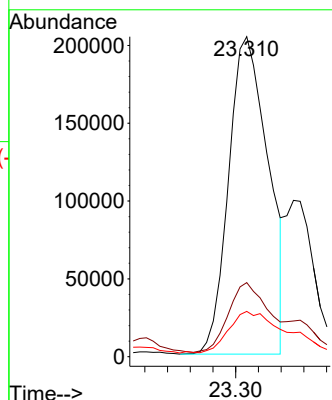
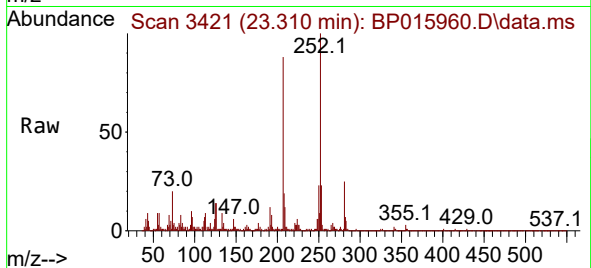
Tgt Ion:252 Resp: 494104

Ion Ratio Lower Upper

252 100

253 23.1 17.0 25.4

125 14.1 7.3 10.9#



#93

Benzo(a)pyrene

Concen: 7.695 ng/ul

RT: 23.974 min Scan# 3534

Delta R.T. -0.006 min

Lab File: BP015960.D

Acq: 03 Jul 2023 20:35

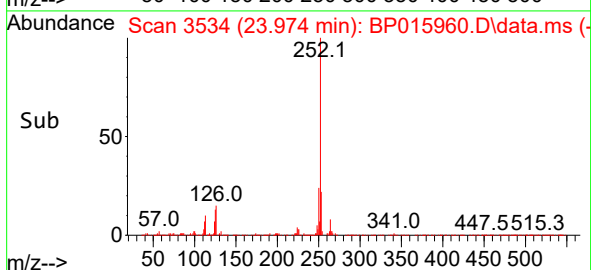
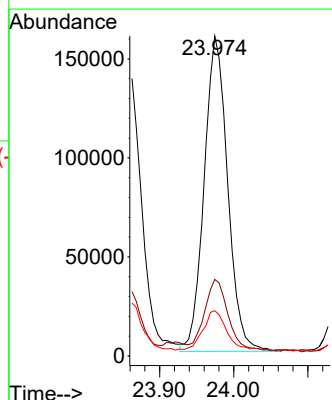
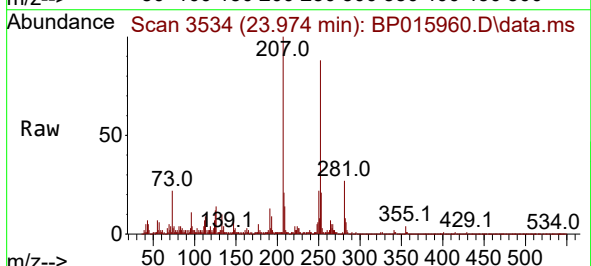
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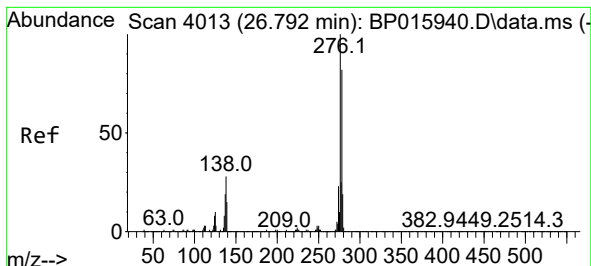
Ion Ratio Lower Upper

252 100

253 23.9 17.7 26.5

125 14.1 8.2 12.2#





#94

Indeno(1,2,3-cd)pyrene

Concen: 4.087 ng/ul

RT: 26.786 min Scan# 4012

Delta R.T. -0.006 min

Lab File: BP015960.D

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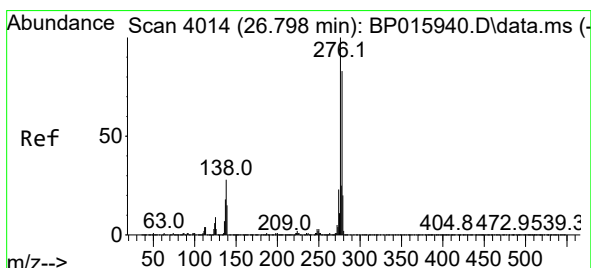
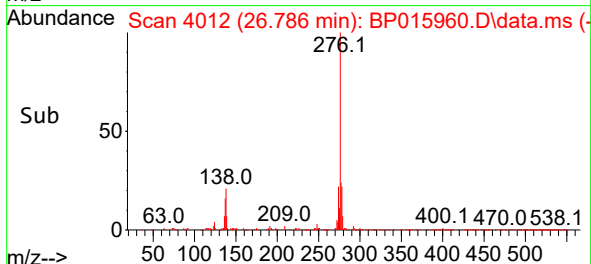
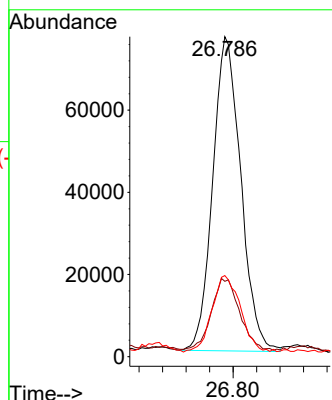
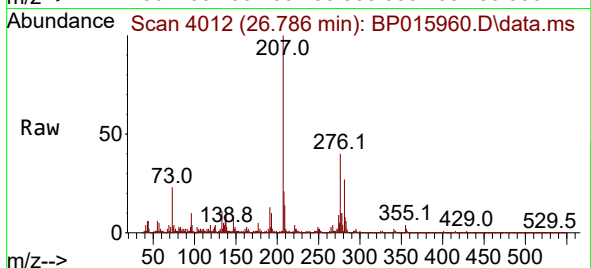
Tgt Ion:276 Resp: 253539

Ion Ratio Lower Upper

276 100

138 23.5 15.7 23.5#

277 25.3 19.6 29.4



#95

Dibenzo(a,h)anthracene

Concen: 1.515 ng/ul

RT: 26.780 min Scan# 4011

Delta R.T. -0.017 min

Lab File: BP015960.D

Acq: 03 Jul 2023 20:35

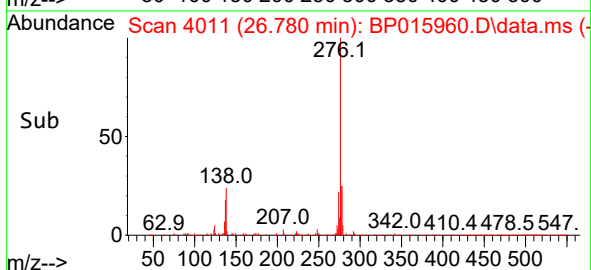
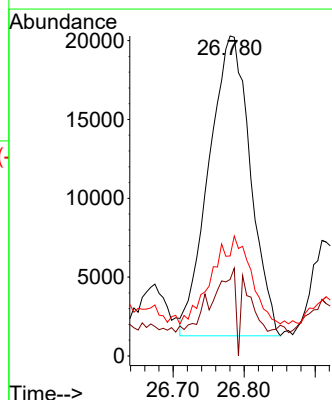
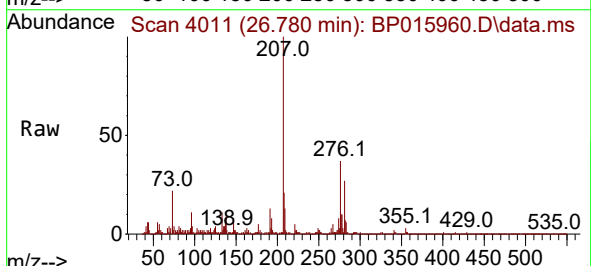
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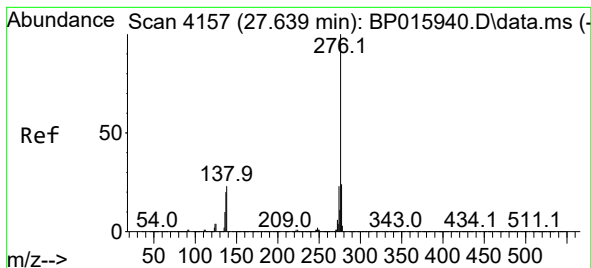
Ion Ratio Lower Upper

278 100

139 23.9 10.5 15.7#

279 31.2 18.4 27.6#





#96

Benzo(g,h,i)perylene

Concen: 5.022 ng/ul

RT: 27.627 min Scan# 41

Delta R.T. 0.000 min

Lab File: BP015960.D

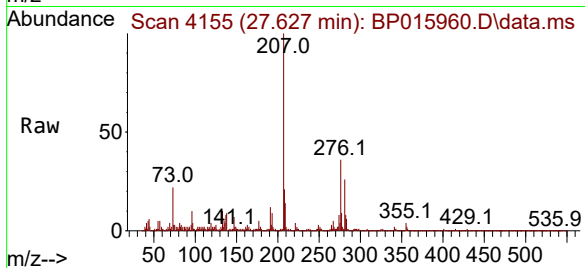
Acq: 03 Jul 2023 20:35

Instrument :

BNA_P

ClientSampleId :

DCGK3



Tgt Ion:276 Resp: 256319

Ion Ratio Lower Upper

276 100

138 26.0 15.1 22.7#

277 24.8 18.8 28.2

