

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
 Data File : BP015885.D
 Acq On : 01 Jul 2023 14:52
 Operator : MA/JU
 Sample : 03242-02
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFZ9

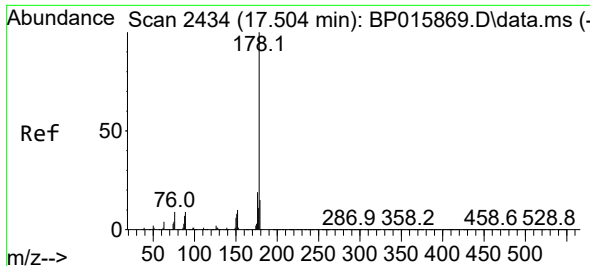
Quant Time: Jul 02 00:46:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 30 22:30:25 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.046	152	315691	20.000	ng/ul	-0.02
20) Naphthalene-d8	10.875	136	1330487	20.000	ng/ul	#-0.02
38) Acenaphthene-d10	14.698	164	749711	20.000	ng/ul	-0.02
64) Phenanthrene-d10	17.463	188	1344549	20.000	ng/ul	#-0.01
79) Chrysene-d12	21.551	240	870415	20.000	ng/ul	#-0.01
88) Perylene-d12	24.092	264	1067352	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.376	96	38737	4.415	ng/uL	-0.01
4) Pyridine-d5	3.823	84	438790	19.838	ng/ul	0.00
7) Phenol-d5	7.228	99	757997	28.063	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.375	67	529314	31.674	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.581	132	611646	29.998	ng/ul	-0.01
15) 4-Methylphenol-d8	8.787	113	522075	24.467	ng/ul	0.00
21) Nitrobenzene-d5	9.240	128	305509	30.046	ng/ul	0.00
24) 2-Nitrophenol-d4	9.963	143	339166	28.580	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.528	165	558052	26.388	ng/ul	0.00
31) 4-Chloroaniline-d4	11.052	131	367282	13.520	ng/ul	0.01
46) Dimethylphthalate-d6	14.110	166	1757991	30.338	ng/ul	-0.01
49) Acenaphthylene-d8	14.398	160	1989751	30.546	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.981	143	157430	20.587	ng/ul	0.04
60) Fluorene-d10	15.698	176	1392732	29.190	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.869	200	120377	14.558	ng/ul	0.01
73) Anthracene-d10	17.563	188	1817600	29.595	ng/ul	-0.01
81) Pyrene-d10	19.786	212	1704474	29.989	ng/ul	-0.02
92) Benzo(a)pyrene-d12	23.927	264	1636327	30.391	ng/ul	-0.02
Target Compounds						
					Qvalue	
72) Phenanthrene	17.504	178	227267	3.111	ng/ul	100
80) Fluoranthene	19.463	202	756246	10.706	ng/ul#	92
82) Pyrene	19.816	202	646115	8.967	ng/ul#	88
85) Benzo(a)anthracene	21.533	228	412163	6.731	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.410	149	189678	4.695	ng/ul	99
87) Chrysene	21.592	228	422611	7.275	ng/ul	97
90) Benzo(b)fluoranthene	23.310	252	656683	9.575	ng/ul#	92
91) Benzo(k)fluoranthene	23.357	252	231322	3.338	ng/ul#	91
93) Benzo(a)pyrene	23.980	252	421964	7.041	ng/ul#	93
94) Indeno(1,2,3-cd)pyrene	26.798	276	342130	4.206	ng/ul#	95
95) Dibenzo(a,h)anthracene	26.798	278	93161	1.394	ng/ul#	77
96) Benzo(g,h,i)perylene	27.645	276	315450	4.713	ng/ul#	93

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

Quant Time: Jul 02 00:46:28 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 30 22:30:25 2023
Response via : Initial Calibration

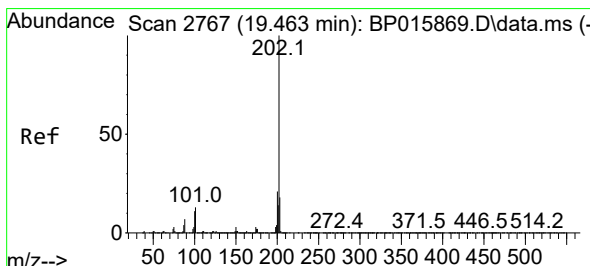
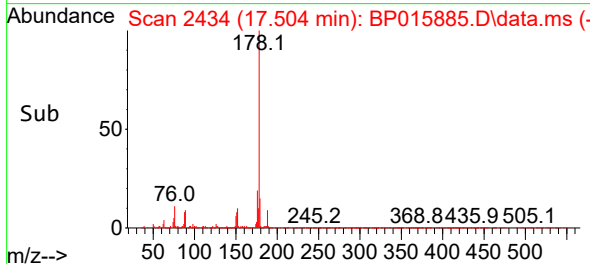
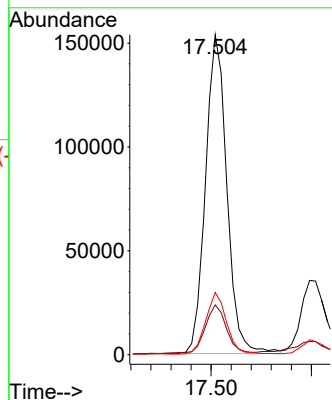
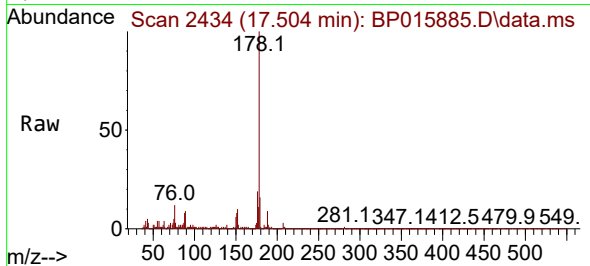




#72
Phenanthrene
Concen: 3.111 ng/ul
RT: 17.504 min Scan# 2434
Delta R.T. -0.012 min
Lab File: BP015885.D
Acq: 01 Jul 2023 14:52

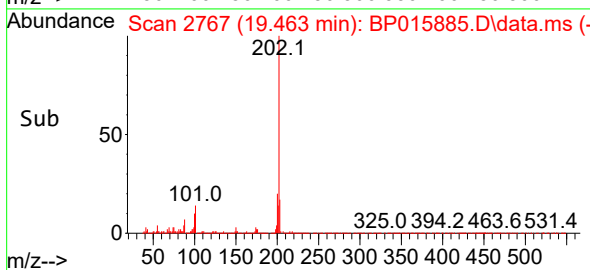
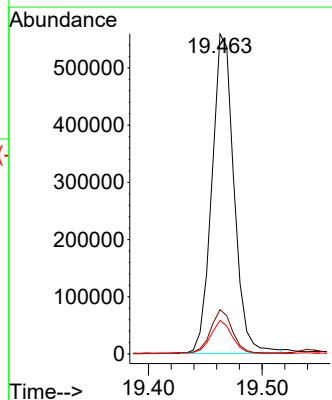
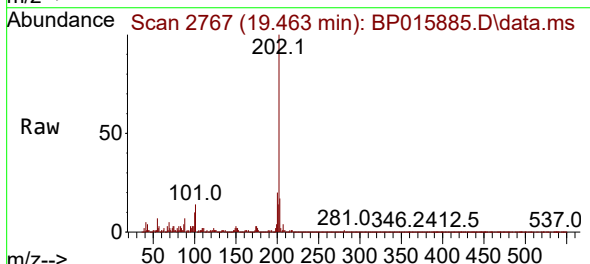
Instrument :
BNA_P
ClientSampleId :
DCFZ9

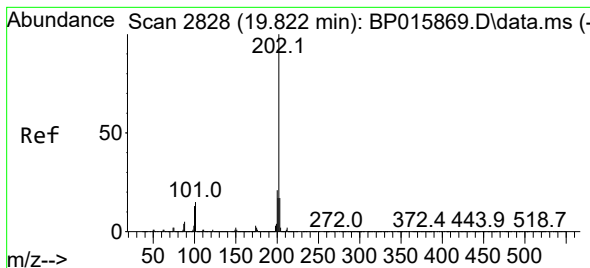
Tgt Ion:178 Resp: 227267
Ion Ratio Lower Upper
178 100
179 15.5 12.4 18.6
176 19.4 15.6 23.4



#80
Fluoranthene
Concen: 10.706 ng/ul
RT: 19.463 min Scan# 2767
Delta R.T. -0.012 min
Lab File: BP015885.D
Acq: 01 Jul 2023 14:52

Tgt Ion:202 Resp: 756246
Ion Ratio Lower Upper
202 100
101 13.9 8.3 12.5#
100 10.5 6.6 9.8#





#82

Pyrene

Concen: 8.967 ng/ul

RT: 19.816 min Scan# 21

Delta R.T. -0.018 min

Lab File: BP015885.D

Acq: 01 Jul 2023 14:52

Instrument :

BNA_P

ClientSampleId :

DCFZ9

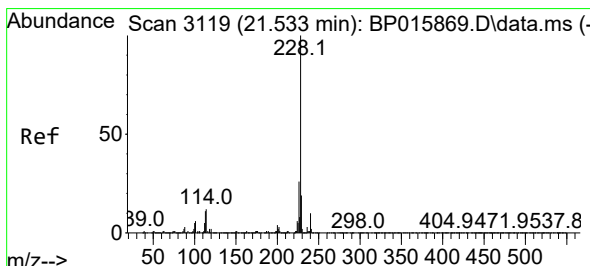
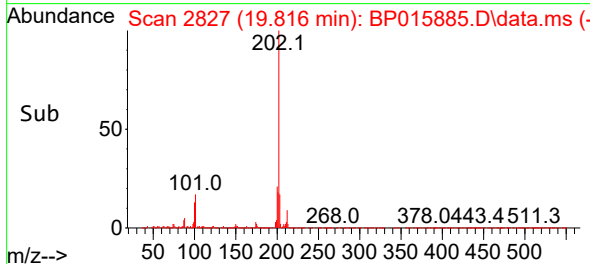
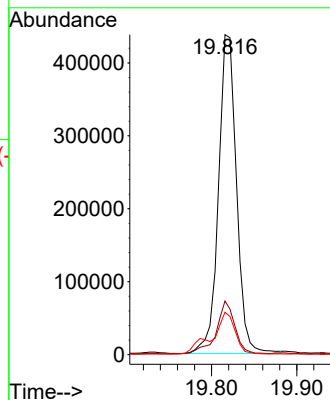
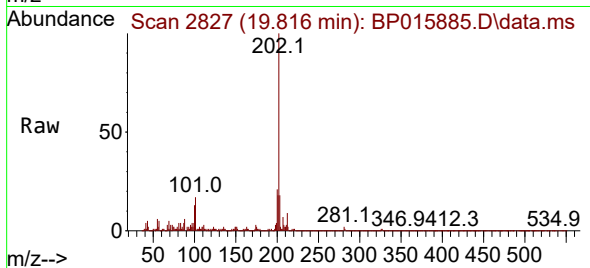
Tgt Ion:202 Resp: 646115

Ion Ratio Lower Upper

202 100

101 16.7 9.3 13.9#

100 13.3 7.6 11.4#



#85

Benzo(a)anthracene

Concen: 6.731 ng/ul

RT: 21.533 min Scan# 3119

Delta R.T. -0.012 min

Lab File: BP015885.D

Acq: 01 Jul 2023 14:52

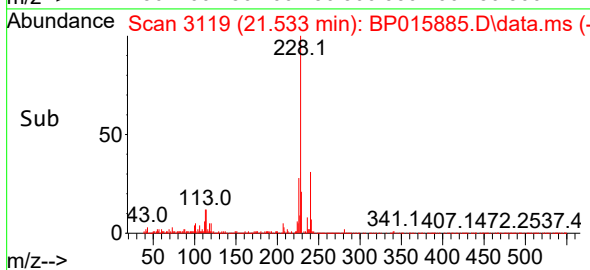
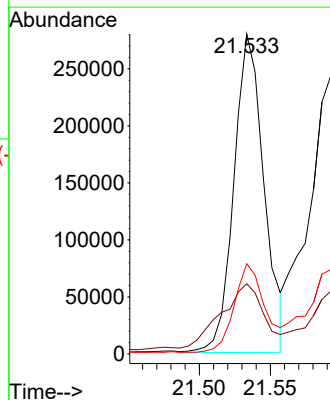
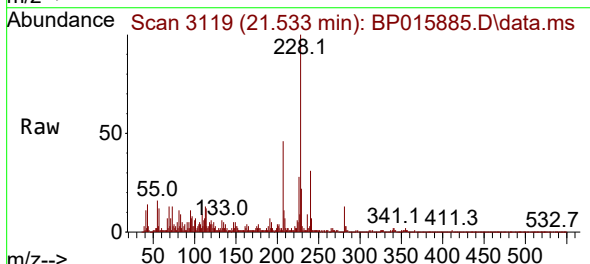
Tgt Ion:228 Resp: 412163

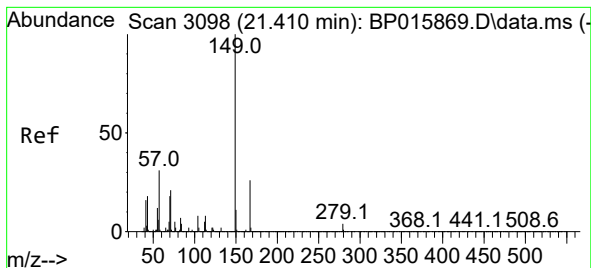
Ion Ratio Lower Upper

228 100

229 22.0 15.3 22.9

226 28.2 21.4 32.0

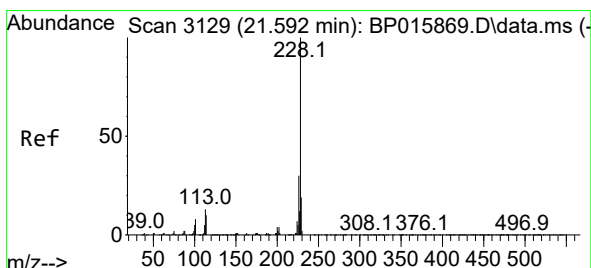
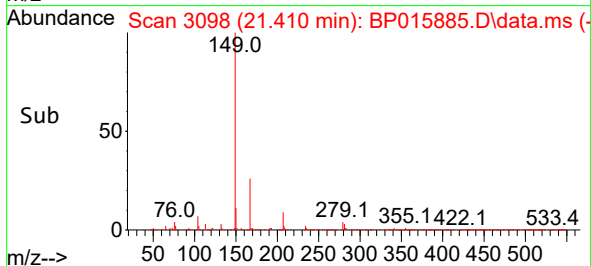
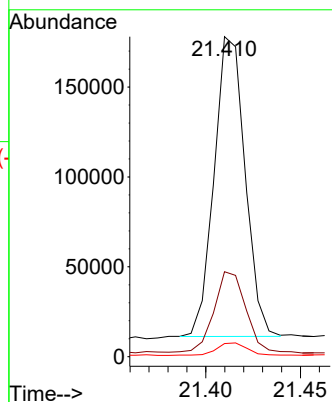
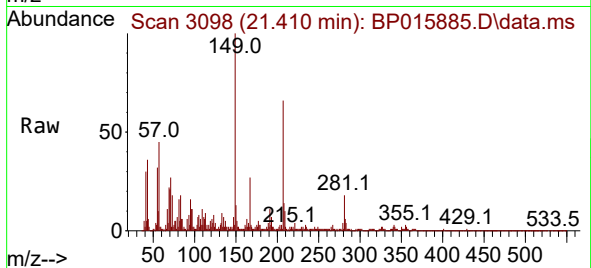




#86
Bis(2-ethylhexyl)phthalate
Concen: 4.695 ng/ul
RT: 21.410 min Scan# 3098
Delta R.T. -0.023 min
Lab File: BP015885.D
Acq: 01 Jul 2023 14:52

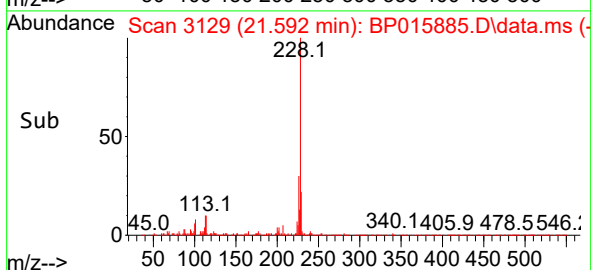
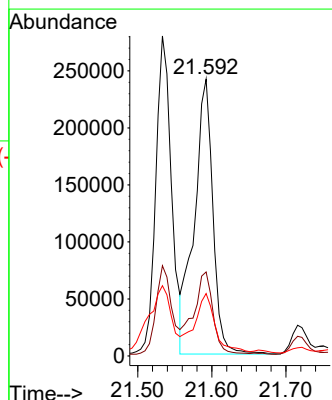
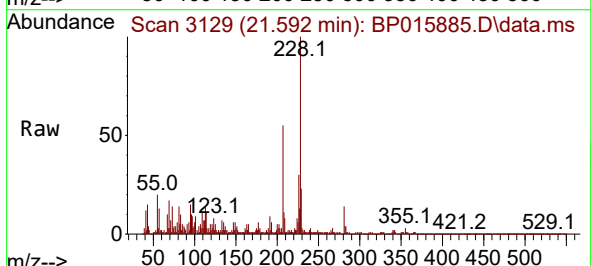
Instrument :
BNA_P
ClientSampleId :
DCFZ9

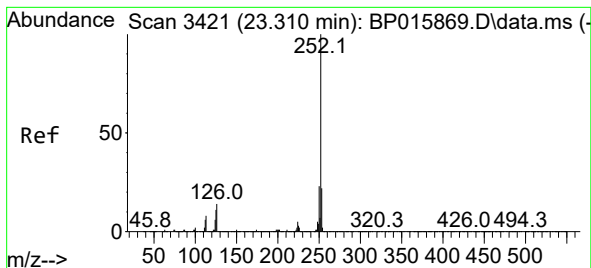
Tgt Ion:149 Resp: 189678
Ion Ratio Lower Upper
149 100
167 26.6 21.0 31.6
279 4.1 3.8 5.6



#87
Chrysene
Concen: 7.275 ng/ul
RT: 21.592 min Scan# 3129
Delta R.T. -0.012 min
Lab File: BP015885.D
Acq: 01 Jul 2023 14:52

Tgt Ion:228 Resp: 422611
Ion Ratio Lower Upper
228 100
226 30.3 24.3 36.5
229 22.6 15.5 23.3





#90

Benzo(b)fluoranthene

Concen: 9.575 ng/ul

RT: 23.310 min Scan# 3421

Delta R.T. -0.017 min

Lab File: BP015885.D

Acq: 01 Jul 2023 14:52

Instrument :

BNA_P

ClientSampleId :

DCFZ9

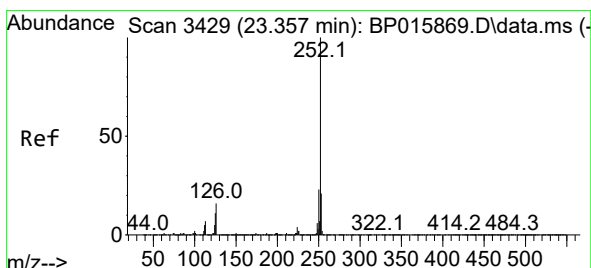
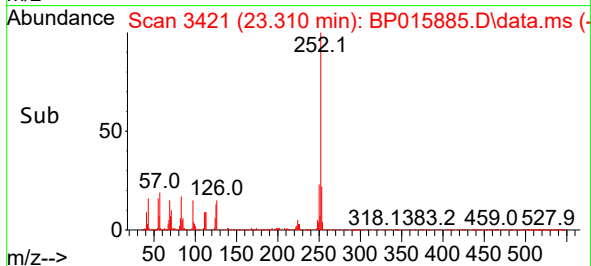
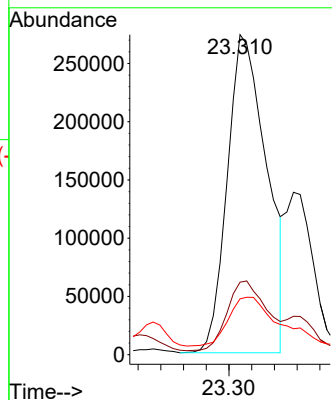
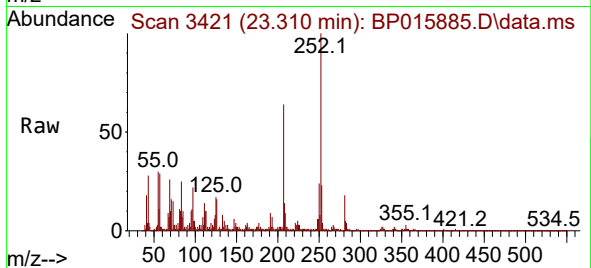
Tgt Ion:252 Resp: 656683

Ion Ratio Lower Upper

252 100

253 22.6 17.3 25.9

125 17.4 7.5 11.3#



#91

Benzo(k)fluoranthene

Concen: 3.338 ng/ul

RT: 23.357 min Scan# 3429

Delta R.T. -0.023 min

Lab File: BP015885.D

Acq: 01 Jul 2023 14:52

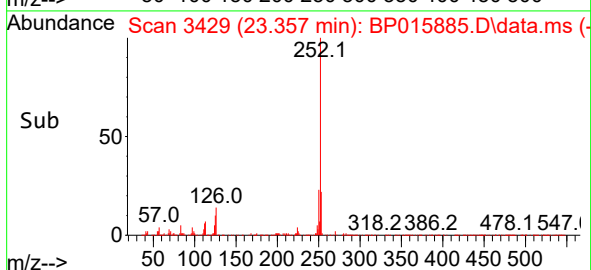
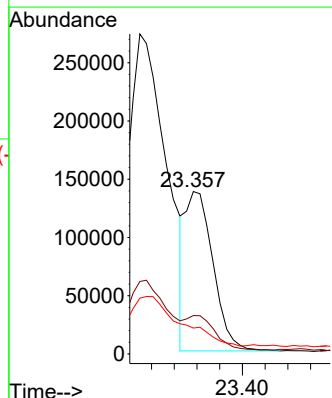
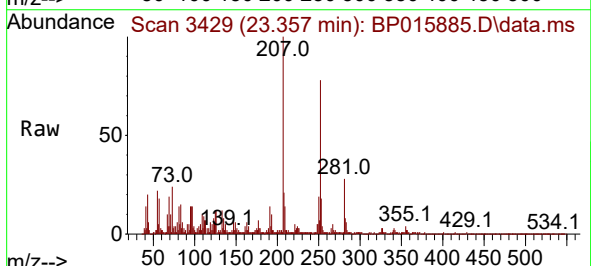
Tgt Ion:252 Resp: 231322

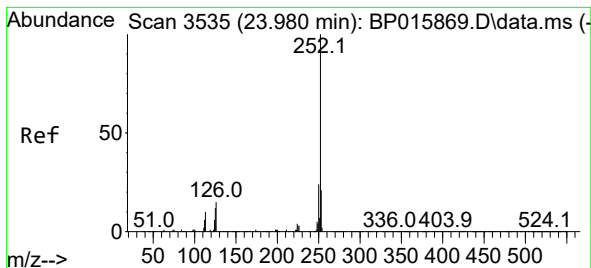
Ion Ratio Lower Upper

252 100

253 23.6 17.0 25.4

125 16.0 7.3 10.9#





#93

Benzo(a)pyrene

Concen: 7.041 ng/ul

RT: 23.980 min Scan# 3535

Delta R.T. -0.023 min

Lab File: BP015885.D

Acq: 01 Jul 2023 14:52

Instrument :

BNA_P

ClientSampleId :

DCFZ9

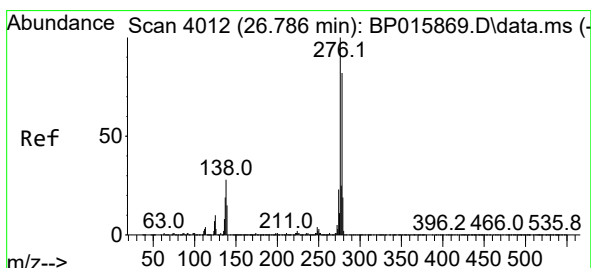
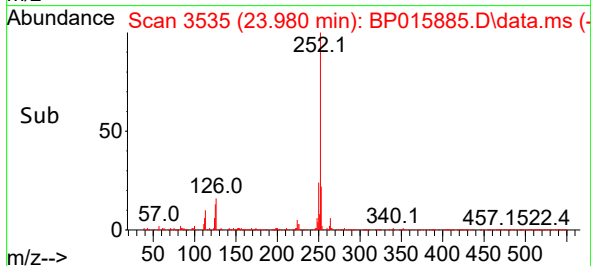
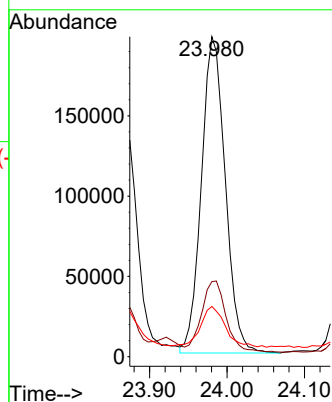
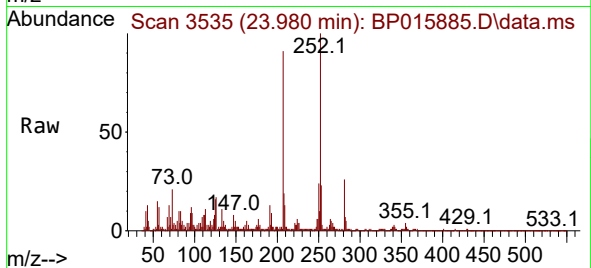
Tgt Ion:252 Resp: 421964

Ion Ratio Lower Upper

252 100

253 23.4 17.7 26.5

125 15.7 8.2 12.2#



#94

Indeno(1,2,3-cd)pyrene

Concen: 4.206 ng/ul

RT: 26.798 min Scan# 4014

Delta R.T. -0.017 min

Lab File: BP015885.D

Acq: 01 Jul 2023 14:52

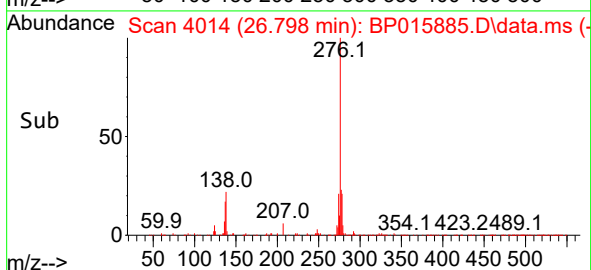
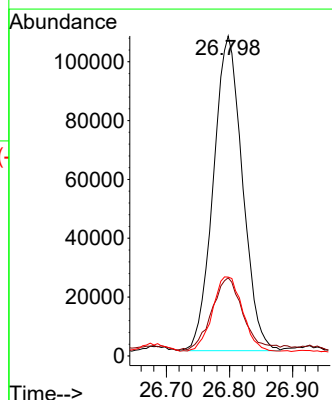
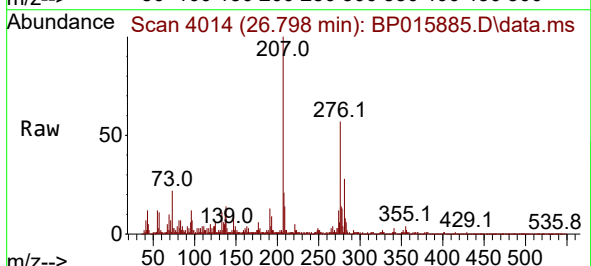
Tgt Ion:276 Resp: 342130

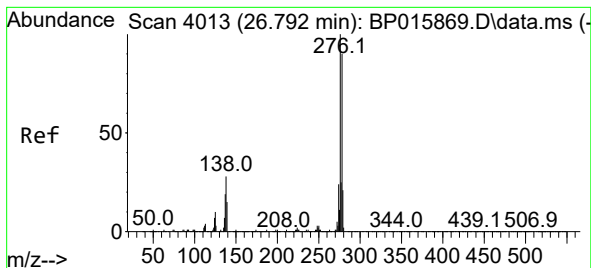
Ion Ratio Lower Upper

276 100

138 24.4 15.7 23.5#

277 24.7 19.6 29.4





#95

Dibenzo(a,h)anthracene

Concen: 1.394 ng/ul

RT: 26.798 min Scan# 4013

Delta R.T. -0.029 min

Lab File: BP015885.D

Acq: 01 Jul 2023 14:52

Instrument :

BNA_P

ClientSampleId :

DCFZ9

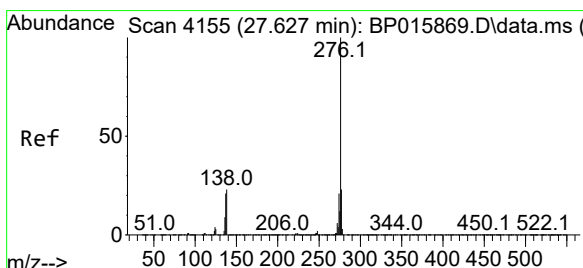
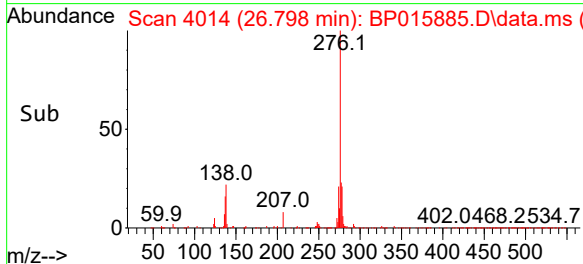
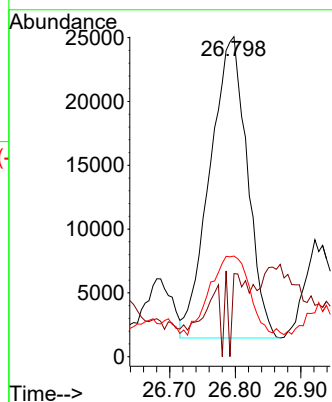
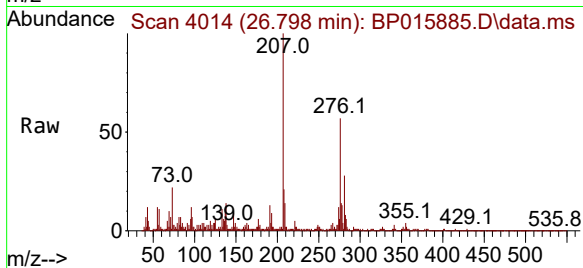
Tgt Ion:278 Resp: 93161

Ion Ratio Lower Upper

278 100

139 25.9 10.5 15.7#

279 31.5 18.4 27.6#



#96

Benzo(g,h,i)perylene

Concen: 4.713 ng/ul

RT: 27.645 min Scan# 4158

Delta R.T. -0.012 min

Lab File: BP015885.D

Acq: 01 Jul 2023 14:52

Tgt Ion:276 Resp: 315450

Ion Ratio Lower Upper

276 100

138 25.9 15.1 22.7#

277 23.6 18.8 28.2

