

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062923\
 Data File : BP015812.D
 Acq On : 29 Jun 2023 15:47
 Operator : MA/JU
 Sample : 03143-16
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFV3

Quant Time: Jun 29 22:27:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 29 02:30:23 2023
 Response via : Initial Calibration

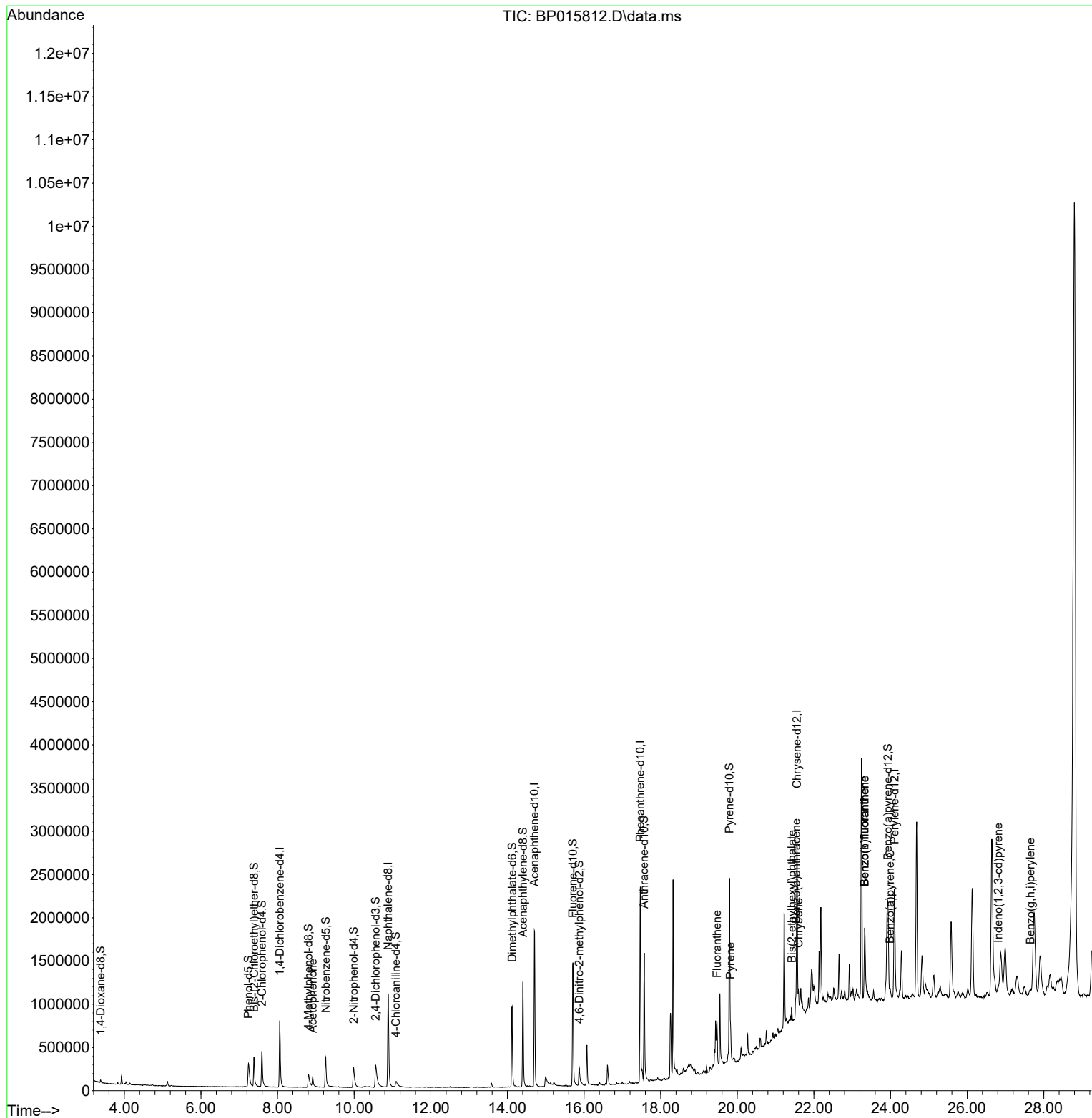
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.057	152	238272	20.000	ng/ul	0.00
20) Naphthalene-d8	10.887	136	1042894	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.704	164	644259	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.469	188	1377557	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.557	240	1035668	20.000	ng/ul	# 0.00
88) Perylene-d12	24.104	264	1048972	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	16552	2.499	ng/uL	0.00
4) Pyridine-d5	3.816	84	480	0.029	ng/ul	0.00
7) Phenol-d5	7.240	99	270815	13.284	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.387	67	196285	15.562	ng/ul	0.00
11) 2-Chlorophenol-d4	7.593	132	229927	14.941	ng/ul	0.00
15) 4-Methylphenol-d8	8.804	113	109424	6.794	ng/ul	0.02
21) Nitrobenzene-d5	9.257	128	103602	12.999	ng/ul	0.02
24) 2-Nitrophenol-d4	9.987	143	117496	12.631	ng/ul	0.02
28) 2,4-Dichlorophenol-d3	10.563	165	183826	11.090	ng/ul	0.05
31) 4-Chloroaniline-d4	11.093	131	80655	3.788	ng/ul	0.06
46) Dimethylphthalate-d6	14.122	166	737653	14.813	ng/ul	0.01
49) Acenaphthylene-d8	14.404	160	830875	14.843	ng/ul	0.00
54) 4-Nitrophenol-d4	14.934	143	213	0.032	ng/ul	-0.02
60) Fluorene-d10	15.710	176	641441	15.644	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.875	200	62094	7.329	ng/ul	0.02
73) Anthracene-d10	17.569	188	946803	15.047	ng/ul	0.00
81) Pyrene-d10	19.792	212	1153910	17.063	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.933	264	834838	15.777	ng/ul	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.916	105	74171	2.802	ng/ul	99
80) Fluoranthene	19.469	202	235621	2.803	ng/ul#	90
82) Pyrene	19.822	202	198138	2.311	ng/ul#	92
85) Benzo(a)anthracene	21.539	228	96209	1.321	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.421	149	59149	1.231	ng/ul	99
87) Chrysene	21.598	228	142192	2.057	ng/ul	98
90) Benzo(b)fluoranthene	23.321	252	191020	2.834	ng/ul#	84
91) Benzo(k)fluoranthene	23.321	252	191020	2.805	ng/ul#	84
93) Benzo(a)pyrene	23.986	252	106257	1.804	ng/ul#	88
94) Indeno(1,2,3-cd)pyrene	26.809	276	105118	1.315	ng/ul#	94
96) Benzo(g,h,i)perylene	27.651	276	94322	1.434	ng/ul#	91

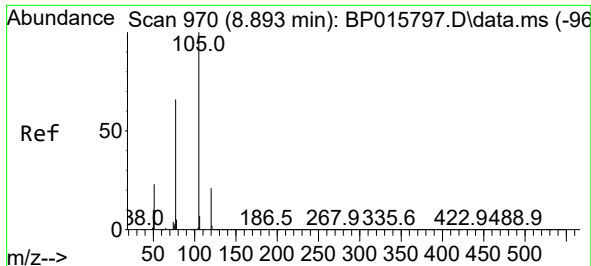
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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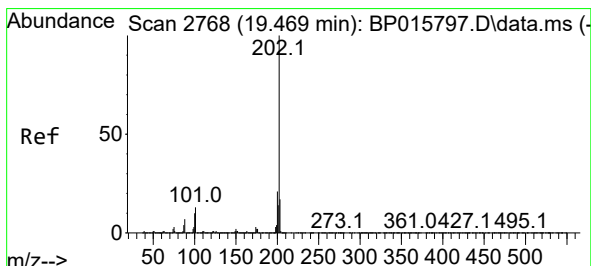
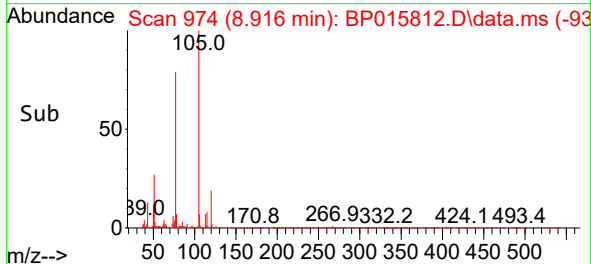
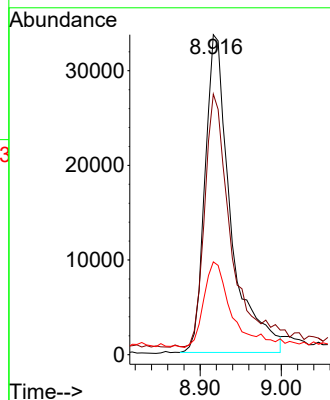
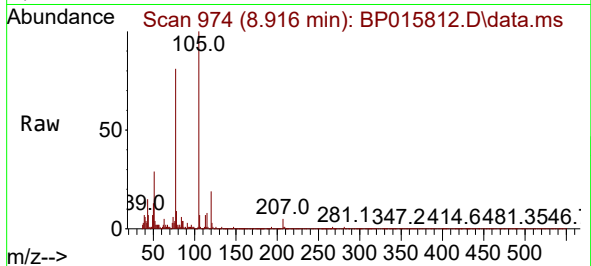




#16
Acetophenone
Concen: 2.802 ng/ul
RT: 8.916 min Scan# 91
Delta R.T. 0.017 min
Lab File: BP015812.D
Acq: 29 Jun 2023 15:47

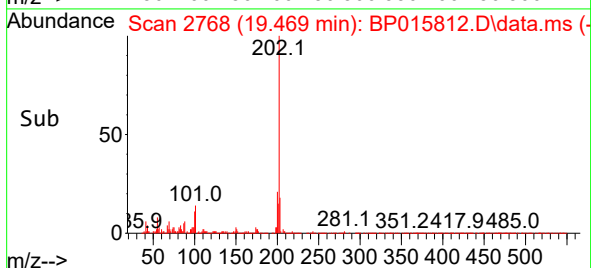
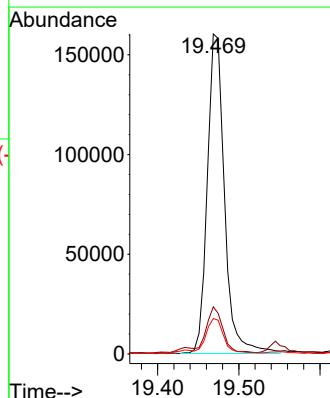
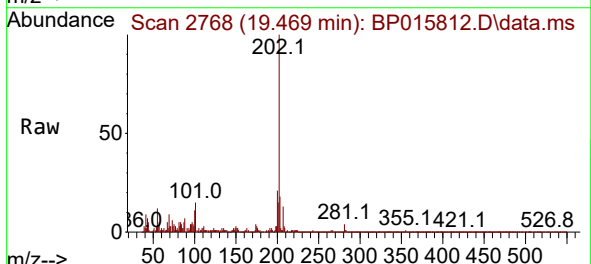
Instrument :
BNA_P
ClientSampleId :
DCFV3

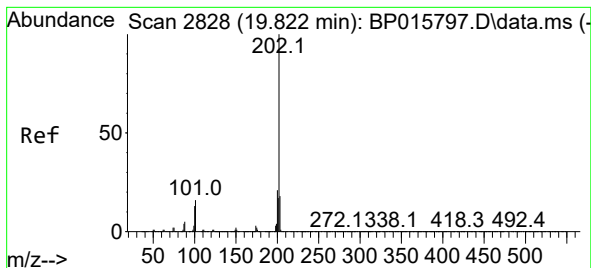
Tgt Ion:105 Resp: 74171
Ion Ratio Lower Upper
105 100
77 81.5 65.0 97.4
51 29.0 25.1 37.7



#80
Fluoranthene
Concen: 2.803 ng/ul
RT: 19.469 min Scan# 2768
Delta R.T. -0.006 min
Lab File: BP015812.D
Acq: 29 Jun 2023 15:47

Tgt Ion:202 Resp: 235621
Ion Ratio Lower Upper
202 100
101 14.7 8.3 12.5#
100 11.1 6.6 9.8#





#82

Pyrene

Concen: 2.311 ng/ul

RT: 19.822 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP015812.D

Acq: 29 Jun 2023 15:47

Instrument :

BNA_P

ClientSampleId :

DCFV3

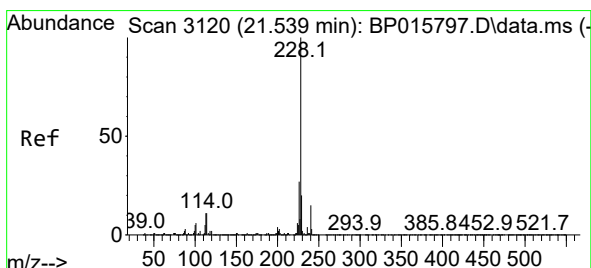
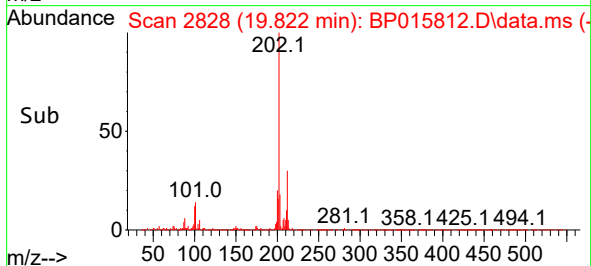
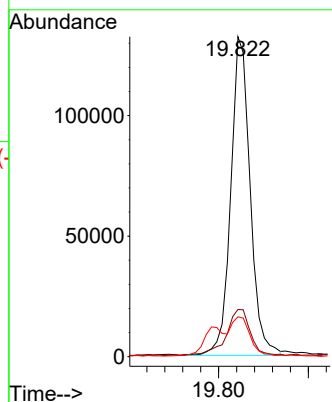
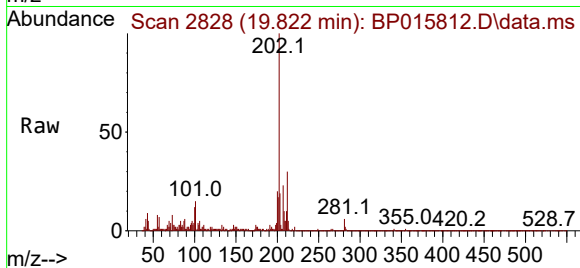
Tgt Ion:202 Resp: 198138

Ion Ratio Lower Upper

202 100

101 14.8 9.3 13.9#

100 12.5 7.6 11.4#



#85

Benzo(a)anthracene

Concen: 1.321 ng/ul

RT: 21.539 min Scan# 3120

Delta R.T. -0.000 min

Lab File: BP015812.D

Acq: 29 Jun 2023 15:47

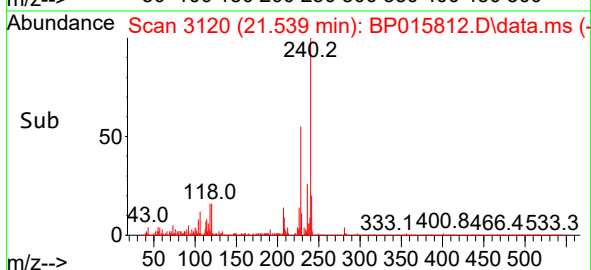
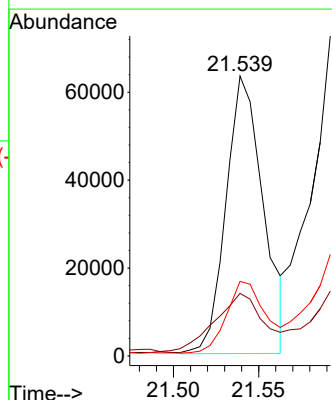
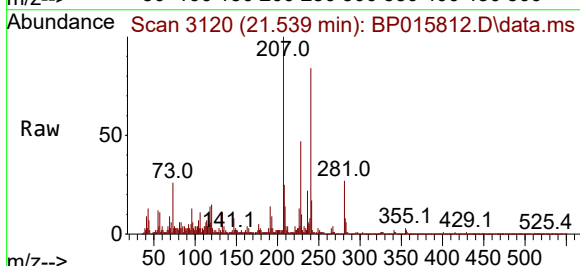
Tgt Ion:228 Resp: 96209

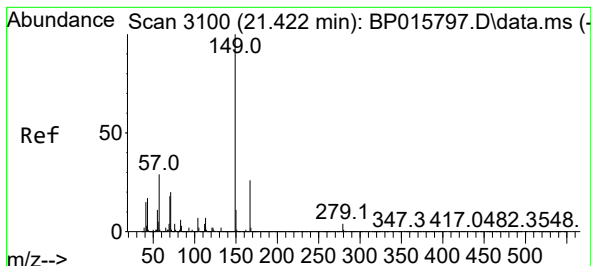
Ion Ratio Lower Upper

228 100

229 22.3 15.3 22.9

226 26.6 21.4 32.0

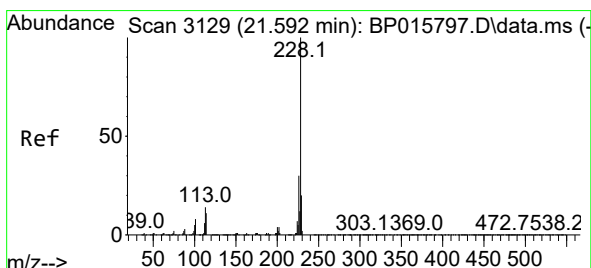
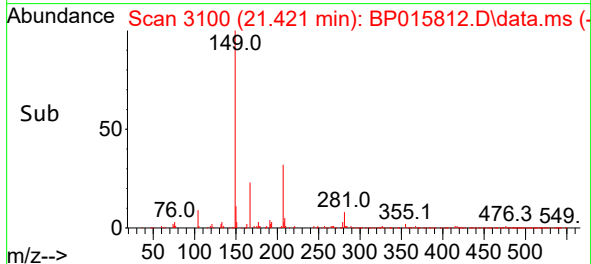
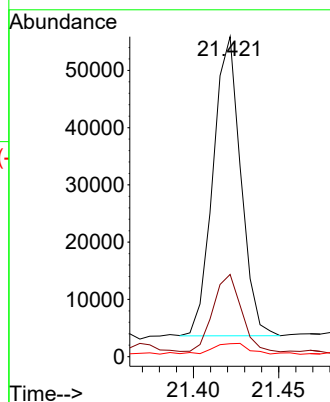
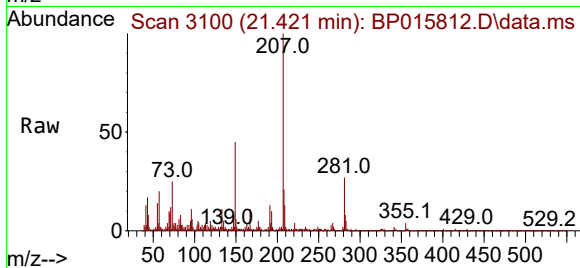




#86
Bis(2-ethylhexyl)phthalate
Concen: 1.231 ng/ul
RT: 21.421 min Scan# 3100
Delta R.T. -0.000 min
Lab File: BP015812.D
Acq: 29 Jun 2023 15:47

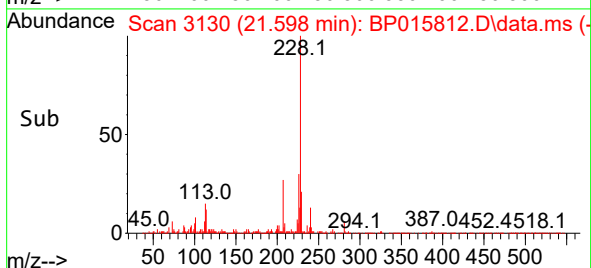
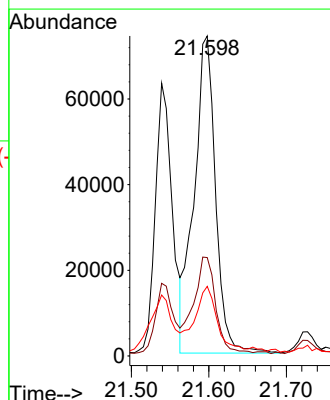
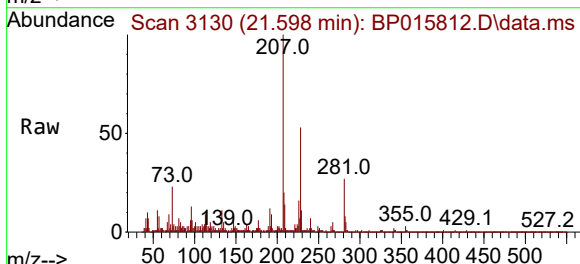
Instrument :
BNA_P
ClientSampleId :
DCFV3

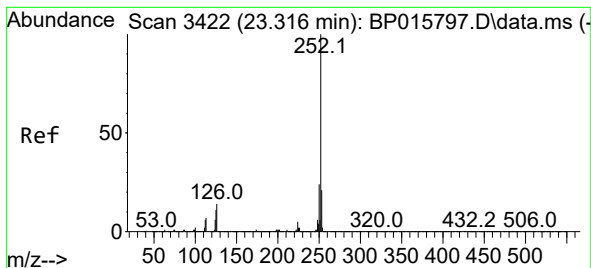
Tgt Ion:149 Resp: 59149
Ion Ratio Lower Upper
149 100
167 25.7 21.0 31.6
279 4.1 3.8 5.6



#87
Chrysene
Concen: 2.057 ng/ul
RT: 21.598 min Scan# 3130
Delta R.T. -0.000 min
Lab File: BP015812.D
Acq: 29 Jun 2023 15:47

Tgt Ion:228 Resp: 142192
Ion Ratio Lower Upper
228 100
226 30.7 24.3 36.5
229 21.8 15.5 23.3





#90

Benzo(b)fluoranthene

Concen: 2.834 ng/ul

RT: 23.321 min Scan# 3422

Delta R.T. 0.006 min

Lab File: BP015812.D

Acq: 29 Jun 2023 15:47

Instrument :

BNA_P

ClientSampleId :

DCFV3

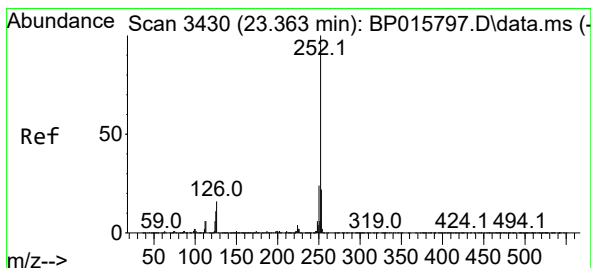
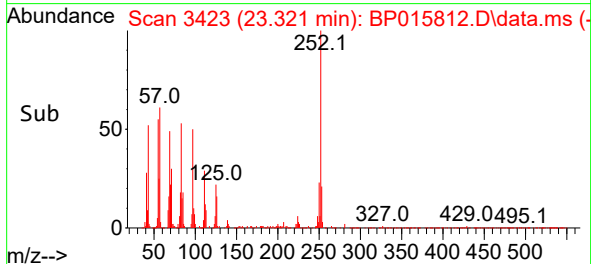
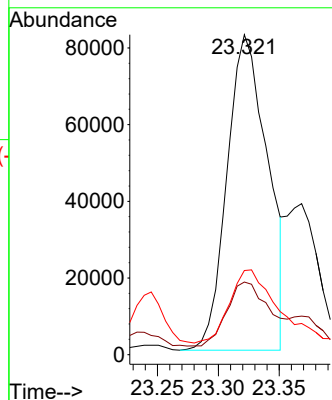
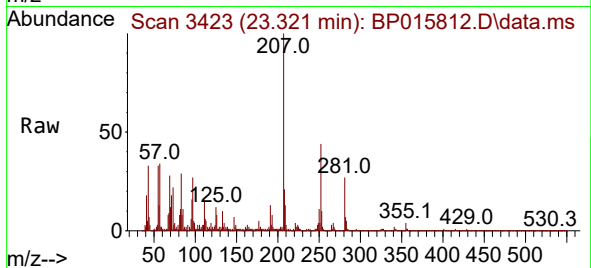
Tgt Ion:252 Resp: 191020

Ion Ratio Lower Upper

252 100

253 22.7 17.3 25.9

125 26.3 7.5 11.3#



#91

Benzo(k)fluoranthene

Concen: 2.805 ng/ul

RT: 23.321 min Scan# 3423

Delta R.T. -0.047 min

Lab File: BP015812.D

Acq: 29 Jun 2023 15:47

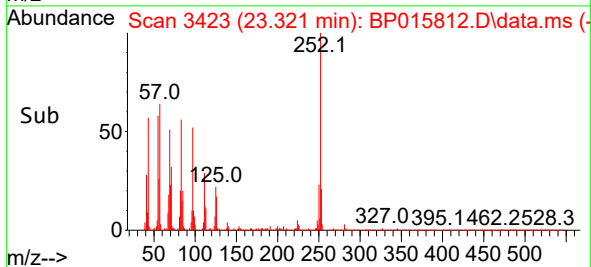
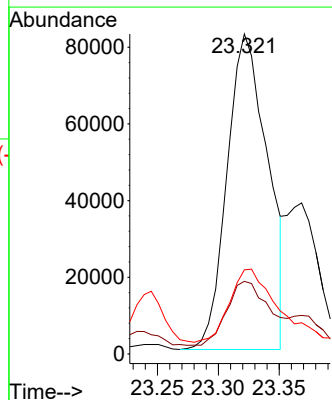
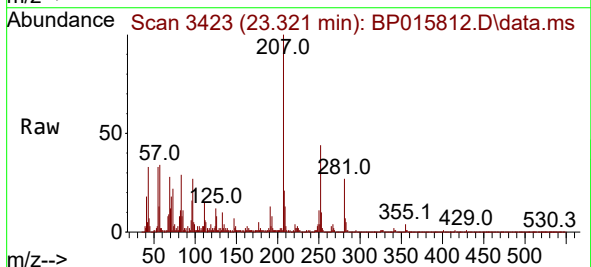
Tgt Ion:252 Resp: 191020

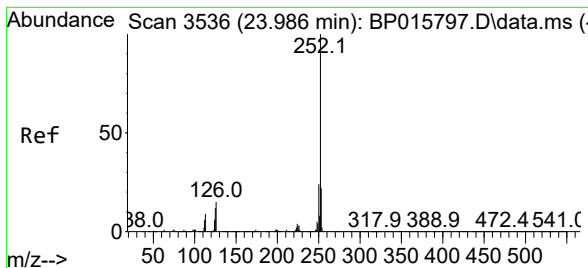
Ion Ratio Lower Upper

252 100

253 22.7 17.0 25.4

125 26.3 7.3 10.9#





#93

Benzo(a)pyrene

Concen: 1.804 ng/ul

RT: 23.986 min Scan# 3

Delta R.T. -0.000 min

Lab File: BP015812.D

Acq: 29 Jun 2023 15:47

Instrument :

BNA_P

ClientSampleId :

DCFV3

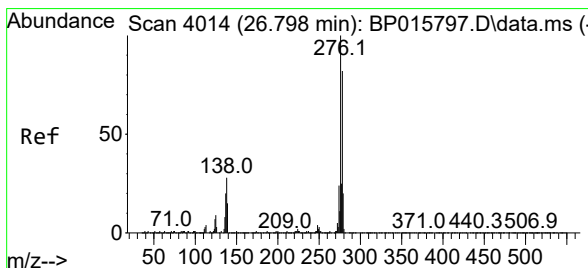
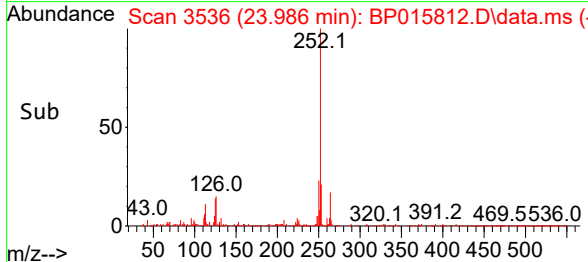
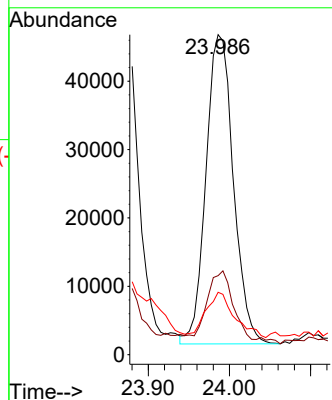
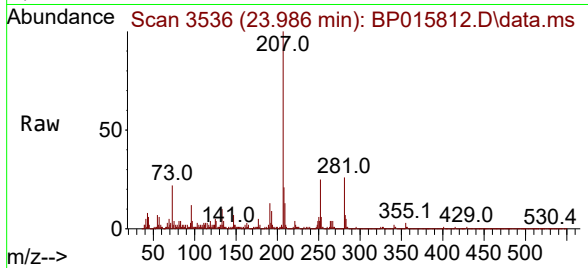
Tgt Ion:252 Resp: 106257

Ion Ratio Lower Upper

252 100

253 24.7 17.7 26.5

125 19.5 8.2 12.2#



#94

Indeno(1,2,3-cd)pyrene

Concen: 1.315 ng/ul

RT: 26.809 min Scan# 4016

Delta R.T. 0.012 min

Lab File: BP015812.D

Acq: 29 Jun 2023 15:47

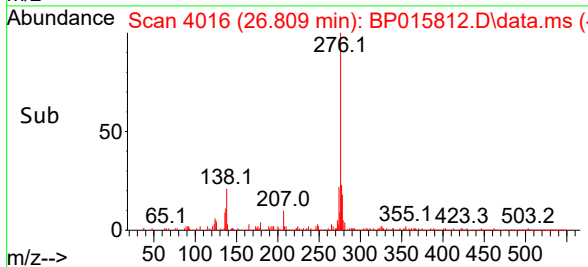
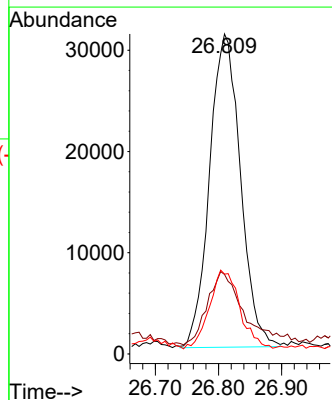
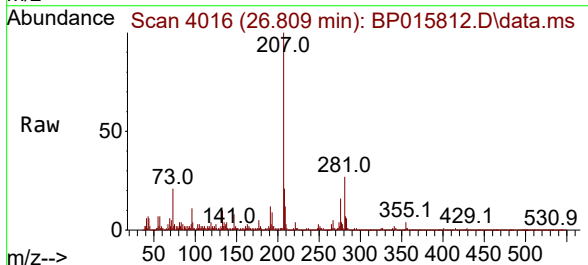
Tgt Ion:276 Resp: 105118

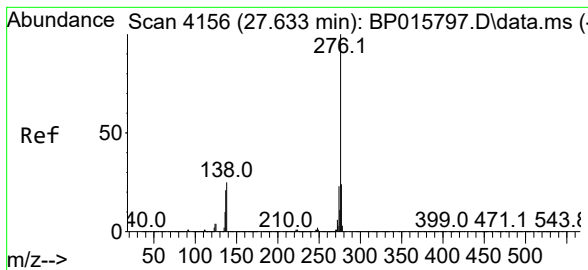
Ion Ratio Lower Upper

276 100

138 24.9 15.7 23.5#

277 25.0 19.6 29.4





#96
 Benzo(g,h,i)perylene
 Concen: 1.434 ng/ul
 RT: 27.651 min Scan# 4159
 Delta R.T. 0.017 min
 Lab File: BP015812.D
 Acq: 29 Jun 2023 15:47

Instrument :
 BNA_P
 ClientSampleId :
 DCFV3

Tgt Ion:	276	Resp:	94322
Ion Ratio	Lower	Upper	
276	100		
138	26.6	15.1	22.7#
277	24.7	18.8	28.2

