

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062023\
 Data File : BP015630.D
 Acq On : 20 Jun 2023 19:52
 Operator : MA/JU
 Sample : 03080-19
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFJ8

Quant Time: Jun 20 22:29:00 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 15 05:36:46 2023
 Response via : Initial Calibration

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

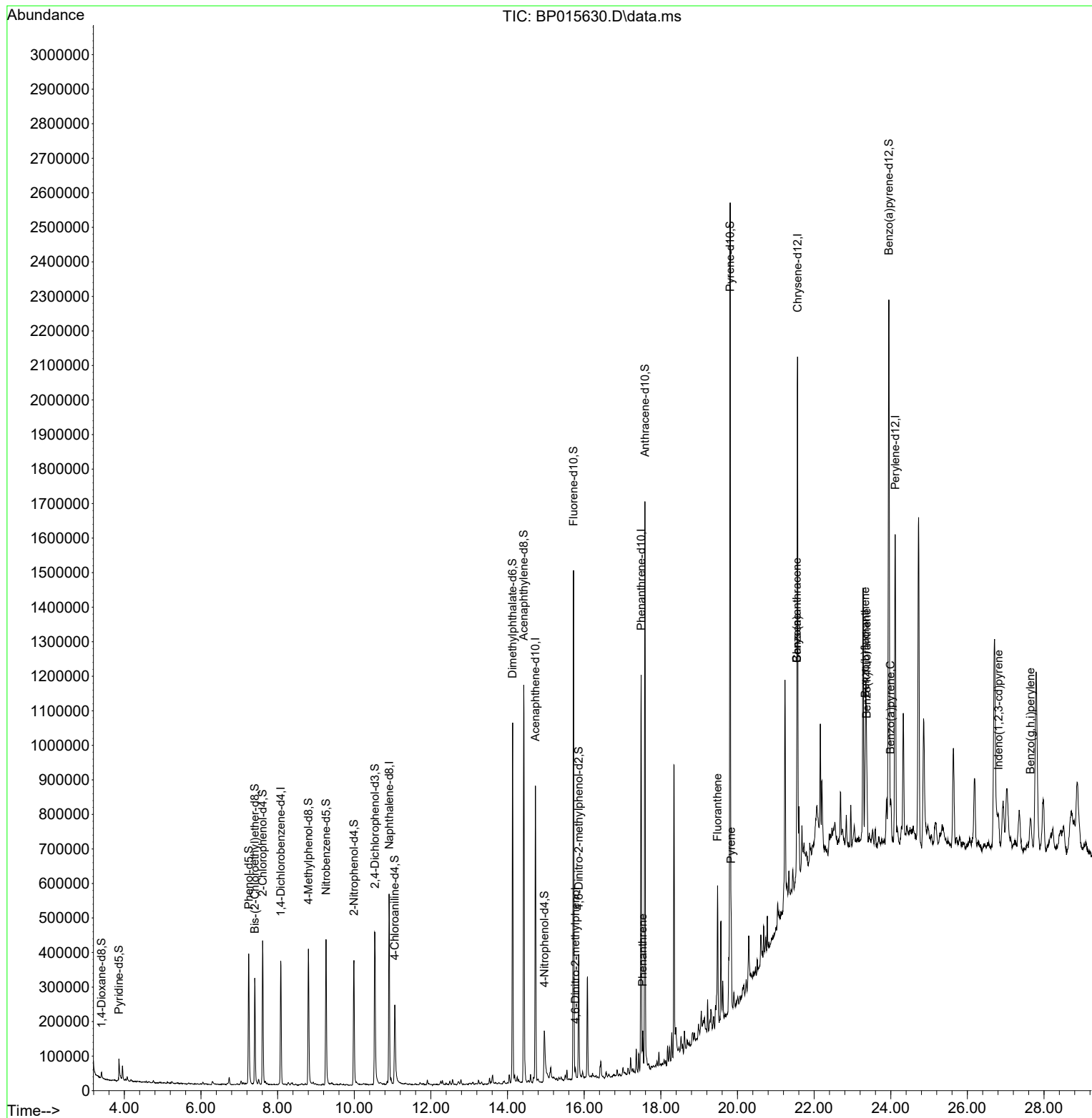
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	94492	20.000	ng/ul	0.00
20) Naphthalene-d8	10.910	136	413915	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.728	164	272042	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.486	188	657014	20.000	ng/ul	0.00
79) Chrysene-d12	21.569	240	669745	20.000	ng/ul	0.00
88) Perylene-d12	24.116	264	730295	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.405	96	10737	4.208	ng/uL	0.00
4) Pyridine-d5	3.858	84	35612	5.373	ng/ul	0.01
7) Phenol-d5	7.246	99	216770	24.901	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.405	67	137213	26.393	ng/ul	0.00
11) 2-Chlorophenol-d4	7.611	132	178253	28.243	ng/ul	0.00
15) 4-Methylphenol-d8	8.805	113	150335	21.042	ng/ul	0.00
21) Nitrobenzene-d5	9.263	128	94110	28.960	ng/ul	0.00
24) 2-Nitrophenol-d4	9.993	143	104465	28.150	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.540	165	176543	26.079	ng/ul	0.00
31) 4-Chloroaniline-d4	11.057	131	144555	14.877	ng/ul	0.00
46) Dimethylphthalate-d6	14.134	166	627893	29.269	ng/ul	0.00
49) Acenaphthylene-d8	14.422	160	715736	30.513	ng/ul	0.00
54) 4-Nitrophenol-d4	14.963	143	55114	14.347	ng/ul	0.03
60) Fluorene-d10	15.722	176	553400	30.592	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.857	200	75710	18.190	ng/ul	0.00
73) Anthracene-d10	17.586	188	875767	29.297	ng/ul	0.00
81) Pyrene-d10	19.810	212	1163161	32.449	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.951	264	1105472	30.169	ng/ul	0.00
Target Compounds						
					Qvalue	
66) 4,6-Dinitro-2-methylph...	15.769	198	4381	1.032	ng/ul	96
72) Phenanthrene	17.528	178	61180	1.735	ng/ul	98
80) Fluoranthene	19.480	202	181315	4.153	ng/ul	99
82) Pyrene	19.833	202	158919	3.518	ng/ul	100
85) Benzo(a)anthracene	21.551	228	103198	2.204	ng/ul	97
87) Chrysene	21.551	228	102300	2.312	ng/ul	96
90) Benzo(b)fluoranthene	23.333	252	195068	4.138	ng/ul#	96
91) Benzo(k)fluoranthene	23.374	252	67448	1.480	ng/ul#	85
93) Benzo(a)pyrene	23.998	252	115484	2.810	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.810	276	97833	1.839	ng/ul	95
96) Benzo(g,h,i)perylene	27.645	276	93019	2.122	ng/ul	99

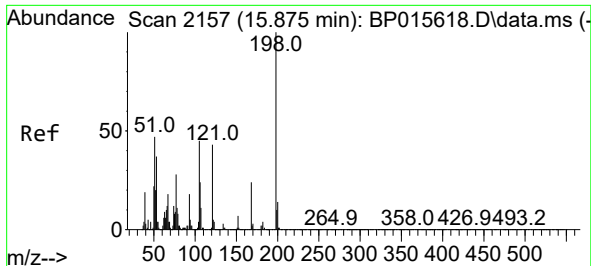
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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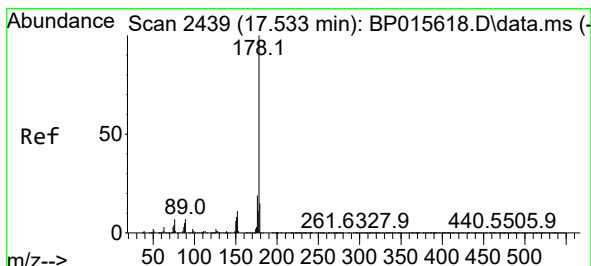
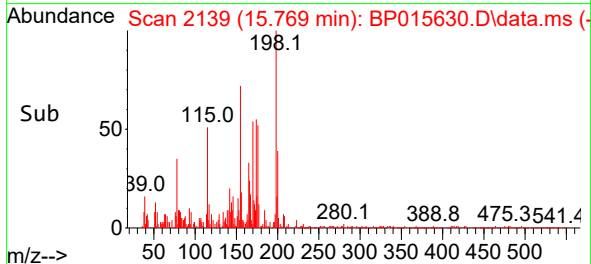
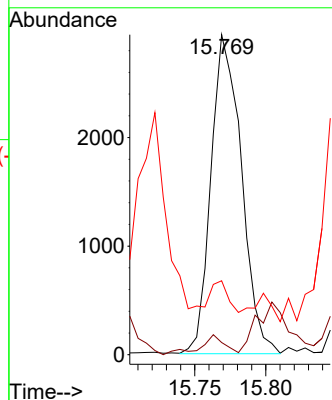
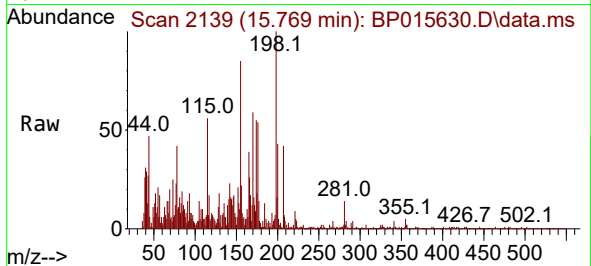




#66
4,6-Dinitro-2-methylphenol
Concen: 1.032 ng/ul
RT: 15.769 min Scan# 2157
Delta R.T. -0.094 min
Lab File: BP015630.D
Acq: 20 Jun 2023 19:52

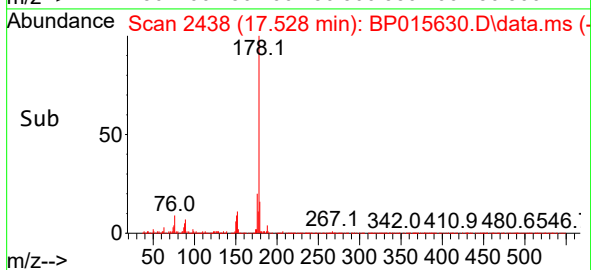
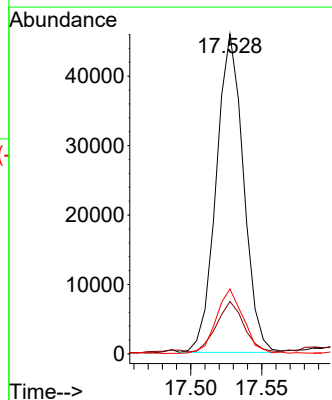
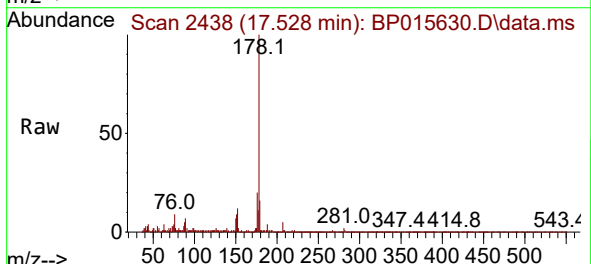
Instrument :
BNA_P
ClientSampleId :
DCFJ8

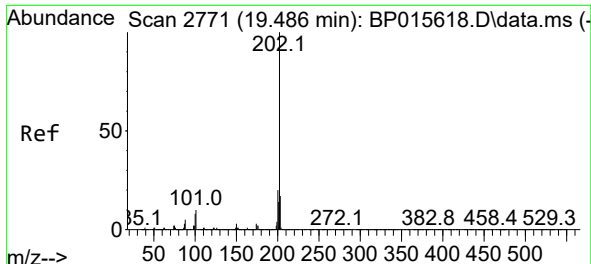
Tgt Ion:198 Resp: 4381
Ion Ratio Lower Upper
198 100
182 3.8 3.0 4.4
77 23.1 20.5 30.7



#72
Phenanthrene
Concen: 1.735 ng/ul
RT: 17.528 min Scan# 2438
Delta R.T. -0.000 min
Lab File: BP015630.D
Acq: 20 Jun 2023 19:52

Tgt Ion:178 Resp: 61180
Ion Ratio Lower Upper
178 100
179 16.4 12.3 18.5
176 20.3 15.4 23.0

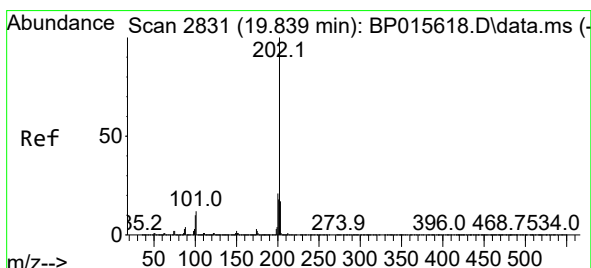
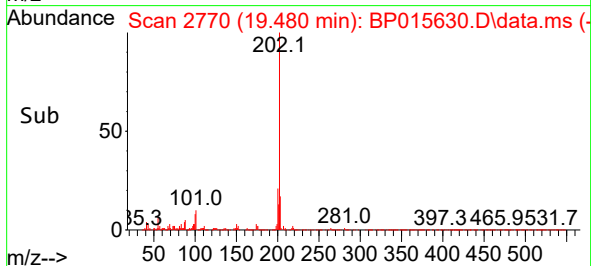
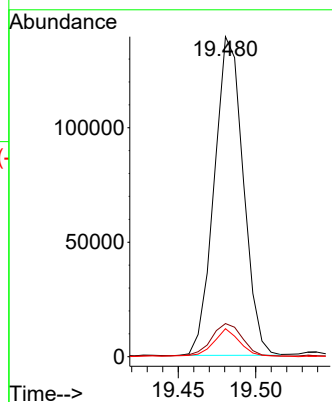
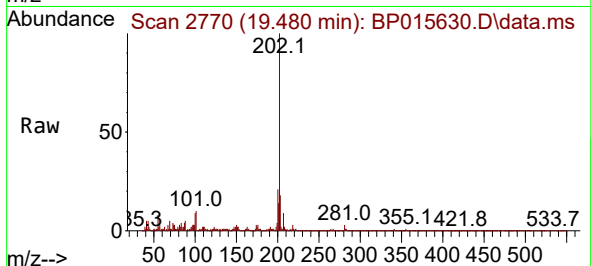




#80
Fluoranthene
Concen: 4.153 ng/ul
RT: 19.480 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP015630.D
Acq: 20 Jun 2023 19:52

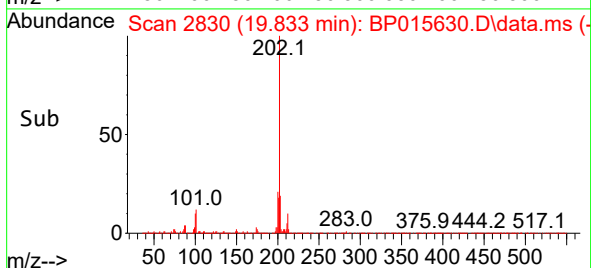
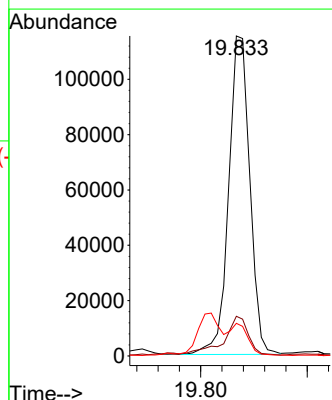
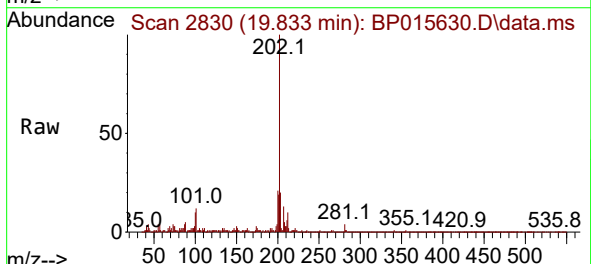
Instrument :
BNA_P
ClientSampleId :
DCFJ8

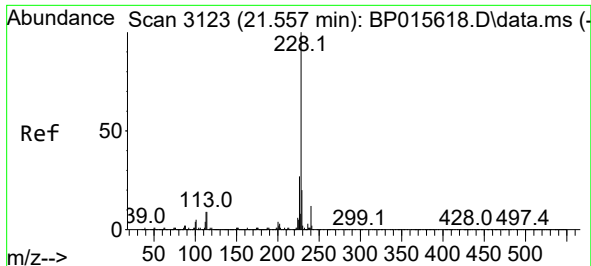
Tgt Ion:202 Resp: 181315
Ion Ratio Lower Upper
202 100
101 10.4 8.6 13.0
100 8.7 6.6 9.8



#82
Pyrene
Concen: 3.518 ng/ul
RT: 19.833 min Scan# 2830
Delta R.T. -0.006 min
Lab File: BP015630.D
Acq: 20 Jun 2023 19:52

Tgt Ion:202 Resp: 158919
Ion Ratio Lower Upper
202 100
101 12.4 9.9 14.9
100 10.2 8.4 12.6

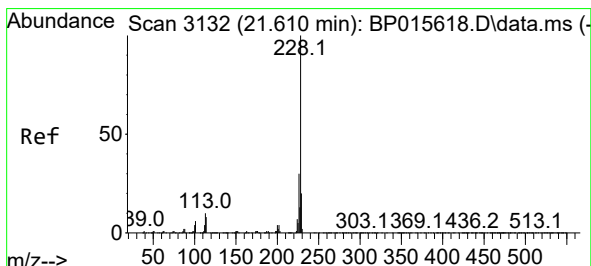
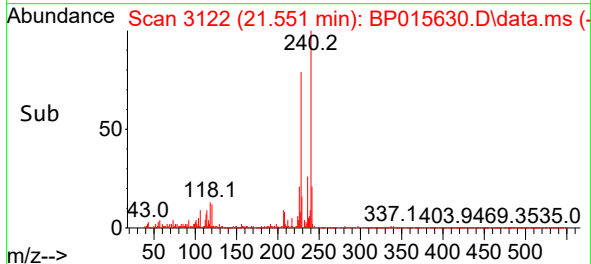
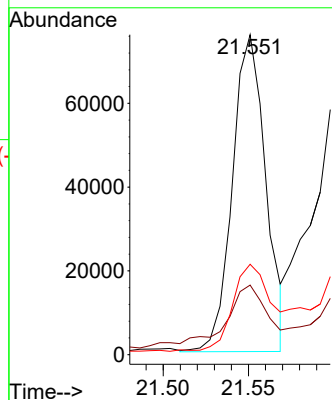
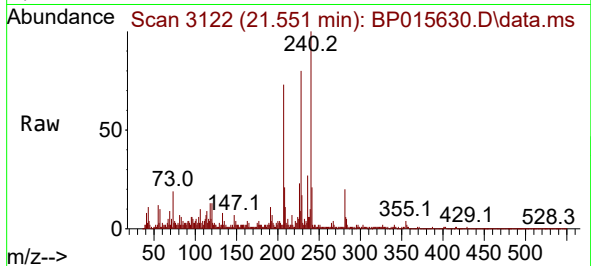




#85
Benzo(a)anthracene
Concen: 2.204 ng/ul
RT: 21.551 min Scan# 3122
Delta R.T. -0.000 min
Lab File: BP015630.D
Acq: 20 Jun 2023 19:52

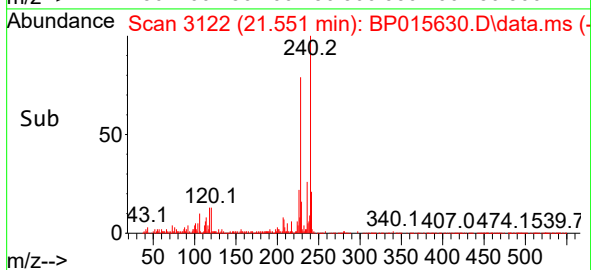
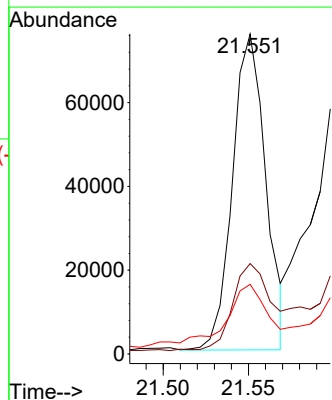
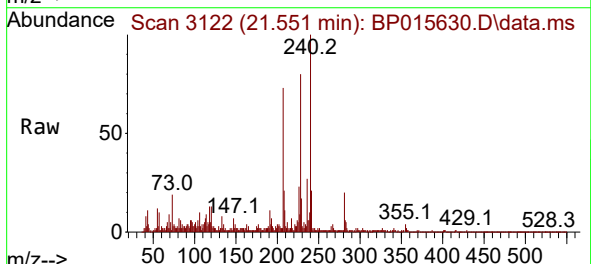
Instrument :
BNA_P
ClientSampleId :
DCFJ8

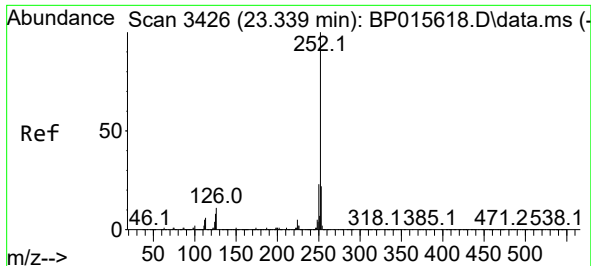
Tgt Ion:228 Resp: 103198
Ion Ratio Lower Upper
228 100
229 21.8 15.8 23.6
226 28.3 21.8 32.6



#87
Chrysene
Concen: 2.312 ng/ul
RT: 21.551 min Scan# 3122
Delta R.T. -0.059 min
Lab File: BP015630.D
Acq: 20 Jun 2023 19:52

Tgt Ion:228 Resp: 102300
Ion Ratio Lower Upper
228 100
226 28.3 23.9 35.9
229 21.8 15.1 22.7

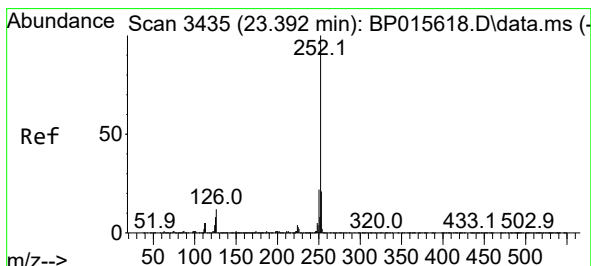
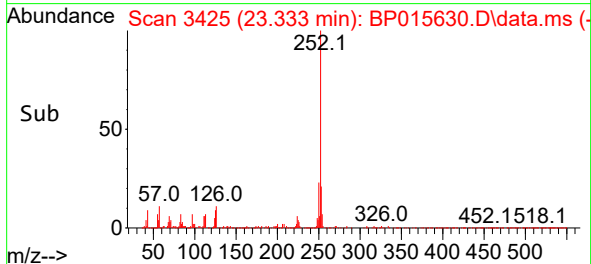
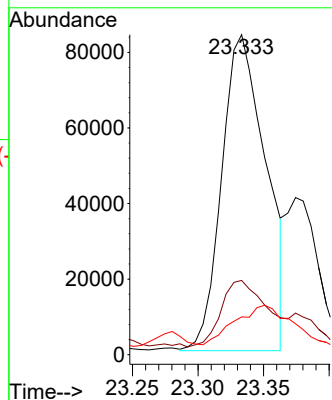
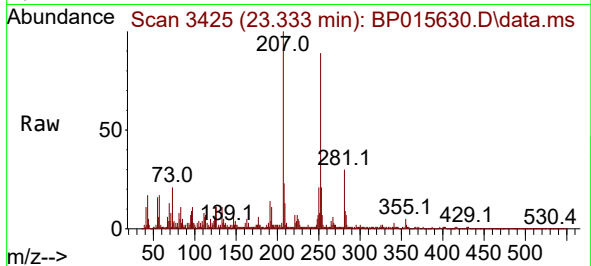




#90
Benzo(b)fluoranthene
Concen: 4.138 ng/ul
RT: 23.333 min Scan# 3426
Delta R.T. 0.006 min
Lab File: BP015630.D
Acq: 20 Jun 2023 19:52

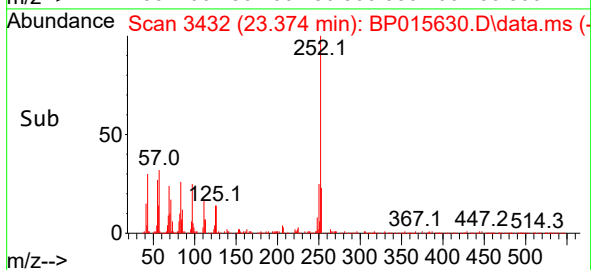
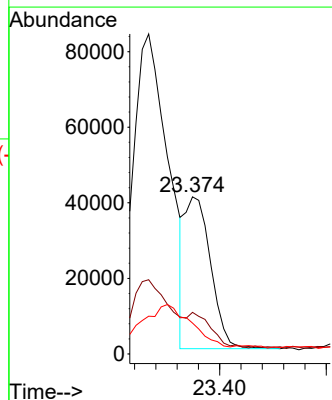
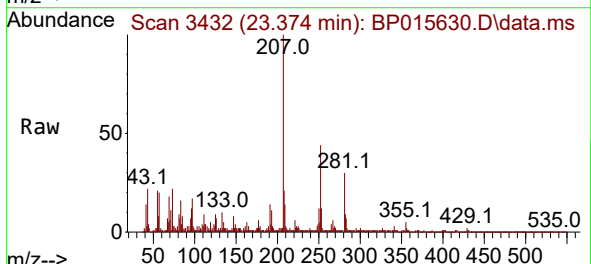
Instrument :
BNA_P
ClientSampleId :
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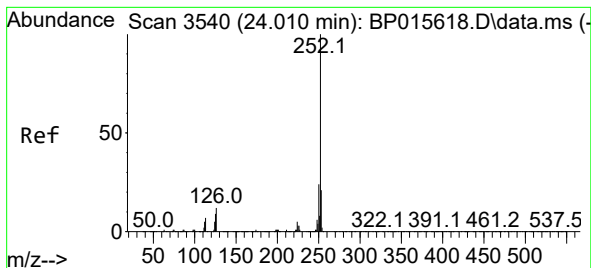
Tgt Ion:252 Resp: 195068
Ion Ratio Lower Upper
252 100
253 23.2 17.4 26.2
125 11.8 7.3 10.9#



#91
Benzo(k)fluoranthene
Concen: 1.480 ng/ul
RT: 23.374 min Scan# 3432
Delta R.T. -0.006 min
Lab File: BP015630.D
Acq: 20 Jun 2023 19:52

Tgt Ion:252 Resp: 67448
Ion Ratio Lower Upper
252 100
253 26.5 17.7 26.5
125 19.6 7.3 10.9#





#93

Benzo(a)pyrene

Concen: 2.810 ng/ul

RT: 23.998 min Scan# 3538

Delta R.T. -0.006 min

Lab File: BP015630.D

Acq: 20 Jun 2023 19:52

Instrument :

BNA_P

ClientSampleId :

DCFJ8

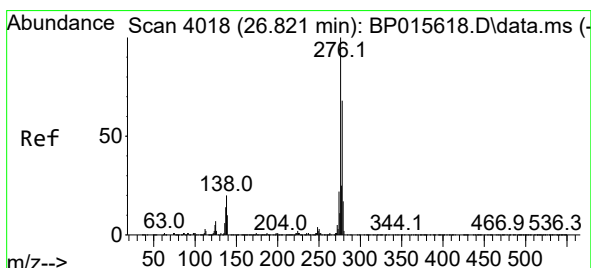
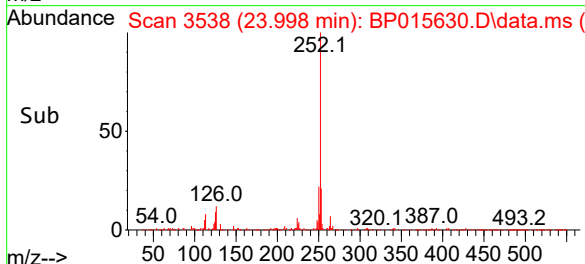
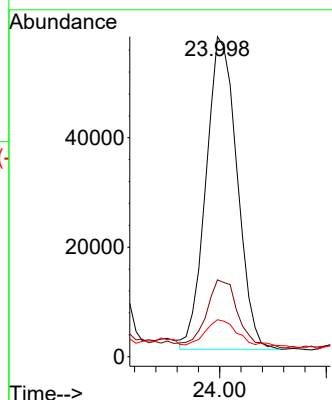
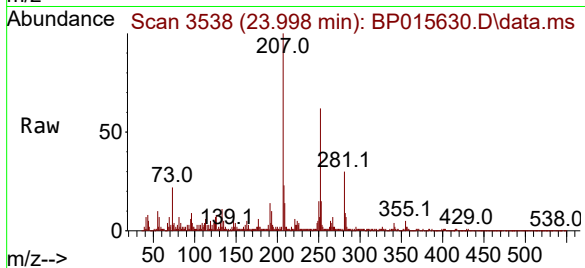
Tgt Ion:252 Resp: 115484

Ion Ratio Lower Upper

252 100

253 24.0 17.8 26.6

125 11.5 8.1 12.1



#94

Indeno(1,2,3-cd)pyrene

Concen: 1.839 ng/ul

RT: 26.810 min Scan# 4016

Delta R.T. -0.000 min

Lab File: BP015630.D

Acq: 20 Jun 2023 19:52

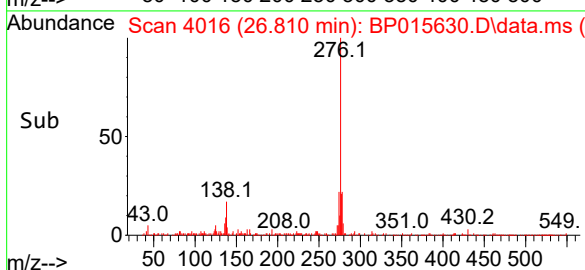
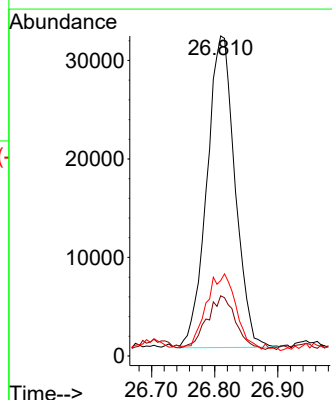
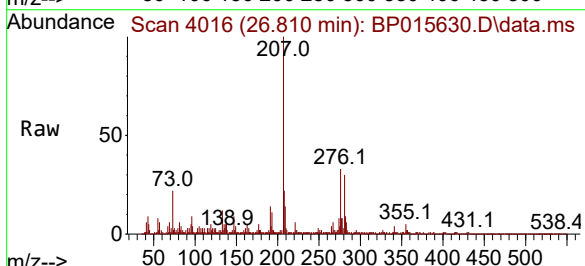
Tgt Ion:276 Resp: 97833

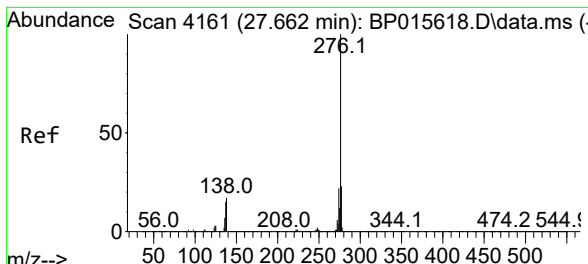
Ion Ratio Lower Upper

276 100

138 18.8 17.3 25.9

277 23.5 20.2 30.2





#96
 Benzo(g,h,i)perylene
 Concen: 2.122 ng/ul
 RT: 27.645 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: BP015630.D
 Acq: 20 Jun 2023 19:52

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Tgt Ion:	276	Resp:	93019
Ion Ratio	Lower	Upper	
276	100		
138	20.0	15.6	23.4
277	24.2	19.0	28.6

