

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111324\
 Data File : BP023086.D
 Acq On : 13 Nov 2024 18:13
 Operator : RC/JU
 Sample : P4724-11
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Nov 14 01:34:46 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 13 04:49:01 2024
 Response via : Initial Calibration

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

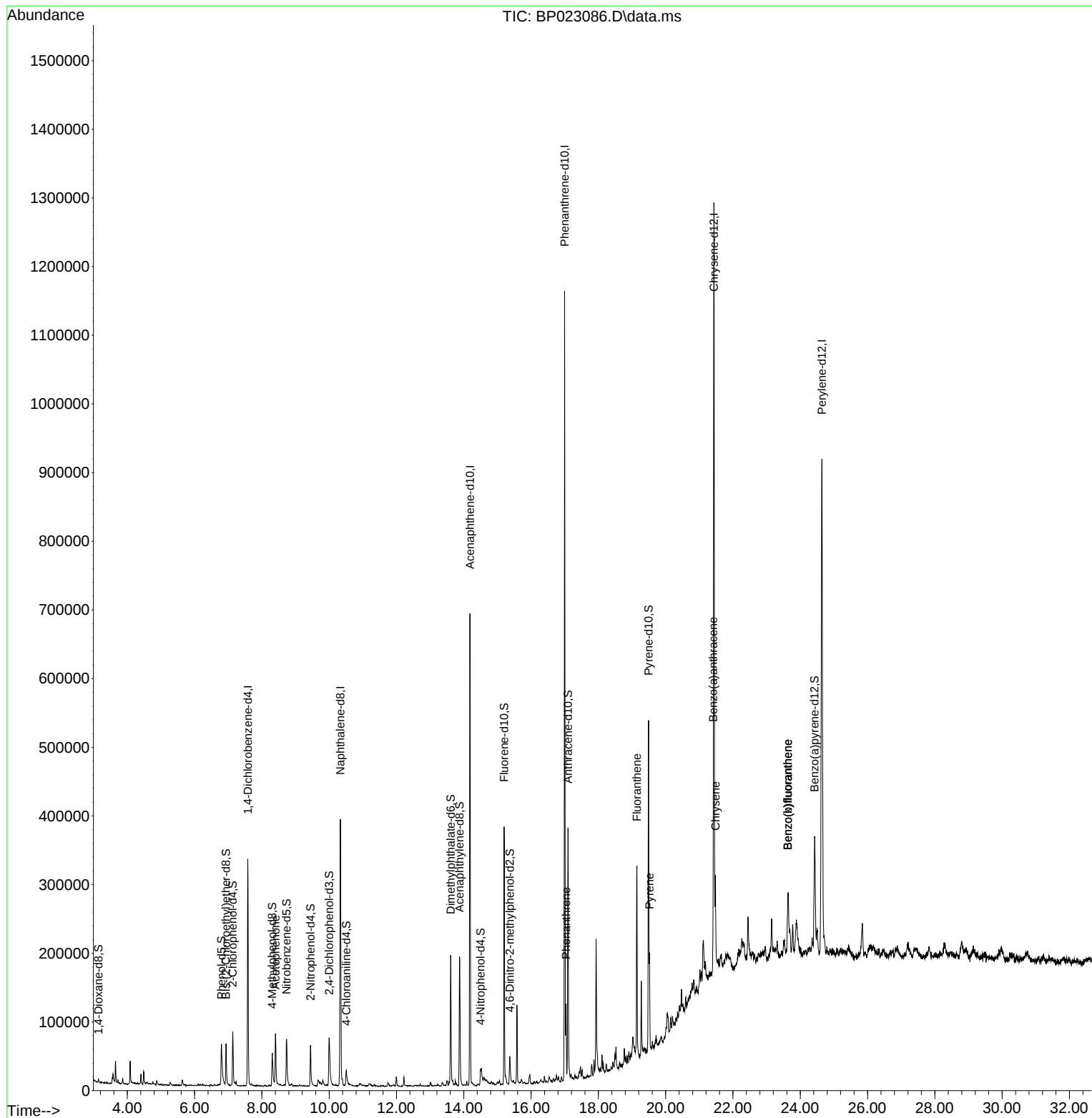
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.581	152	86236	20.000	ng/ul	0.00
20) Naphthalene-d8	10.334	136	319965	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.187	164	241280	20.000	ng/ul	-0.02
64) Phenanthrene-d10	16.998	188	593437	20.000	ng/ul	#-0.02
79) Chrysene-d12	21.433	240	678905	20.000	ng/ul	-0.01
88) Perylene-d12	24.645	264	809211	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.146	96	2258	1.259	ng/uL	0.01
4) Pyridine-d5	3.552	84	146	0.027	ng/ul	0.00
7) Phenol-d5	6.799	99	41196	6.461	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	6.934	67	27922	7.454	ng/ul	0.00
11) 2-Chlorophenol-d4	7.134	132	34395	7.366	ng/ul	0.00
15) 4-Methylphenol-d8	8.310	113	22851	4.355	ng/ul	0.02
21) Nitrobenzene-d5	8.734	128	16644	7.472	ng/ul	0.01
24) 2-Nitrophenol-d4	9.446	143	19365	7.292	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.004	165	39516	7.106	ng/ul	0.04
31) 4-Chloroaniline-d4	10.510	131	14758	2.224	ng/ul	0.03
46) Dimethylphthalate-d6	13.616	166	143820	8.270	ng/ul	0.00
49) Acenaphthylene-d8	13.875	160	142767	7.868	ng/ul	-0.02
54) 4-Nitrophenol-d4	14.498	143	4512	1.727	ng/ul	0.05
60) Fluorene-d10	15.198	176	130532	8.561	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.369	200	14960	4.208	ng/ul	0.00
73) Anthracene-d10	17.098	188	213207	8.485	ng/ul	-0.02
81) Pyrene-d10	19.492	212	236252	7.555	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.427	264	198984	5.162	ng/ul	-0.02
Target Compounds						
					Qvalue	
16) Acetophenone	8.405	105	43699	4.957	ng/ul	99
72) Phenanthrene	17.039	178	63345	2.261	ng/ul	99
80) Fluoranthene	19.145	202	154101	4.278	ng/ul	99
82) Pyrene	19.522	202	90896	2.349	ng/ul	99
85) Benzo(a)anthracene	21.416	228	60598	1.462	ng/ul	97
87) Chrysene	21.480	228	78935	2.024	ng/ul	98
90) Benzo(b)fluoranthene	23.633	252	118250	2.625	ng/ul	99
91) Benzo(k)fluoranthene	23.633	252	118250	2.667	ng/ul#	99

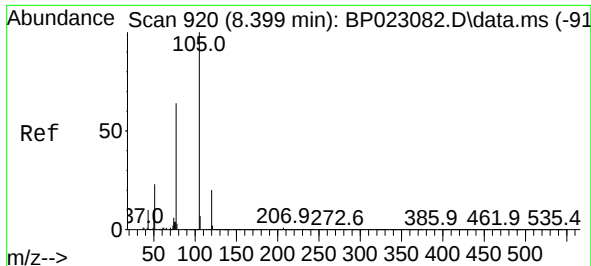
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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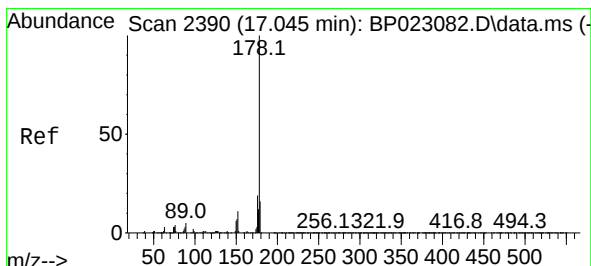
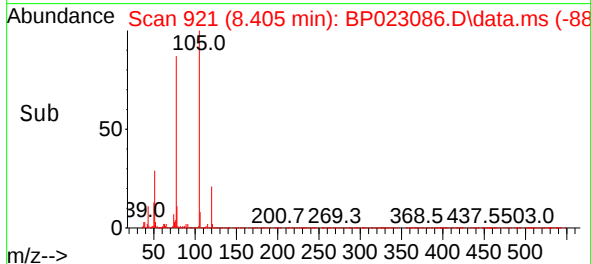
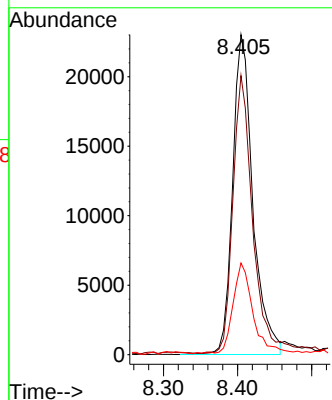
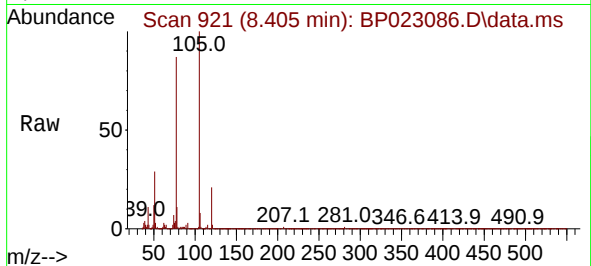




#16
Acetophenone
Concen: 4.957 ng/ul
RT: 8.405 min Scan# 91
Delta R.T. 0.012 min
Lab File: BP023086.D
Acq: 13 Nov 2024 18:13

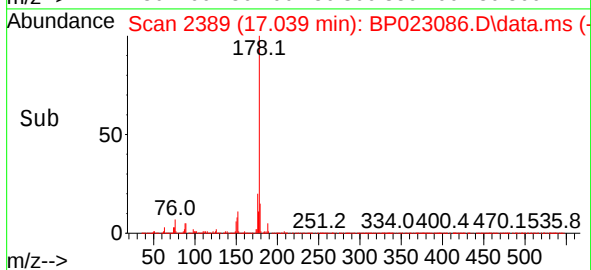
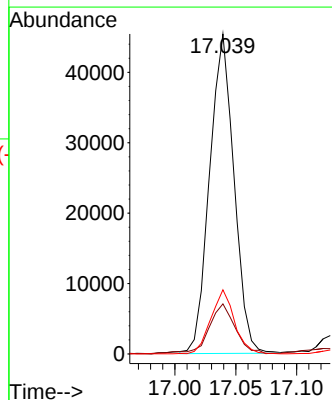
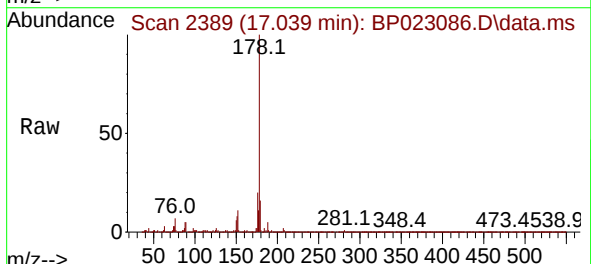
Instrument :
BNA_P
ClientSampleId :

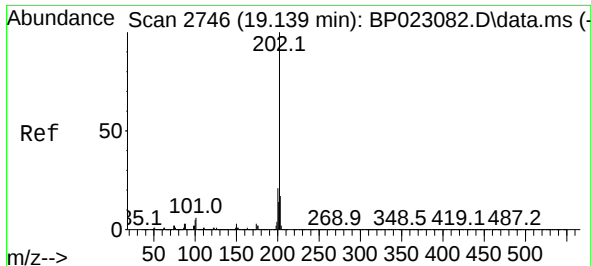
Tgt Ion:105 Resp: 43699
Ion Ratio Lower Upper
105 100
77 87.2 69.4 104.0
51 28.7 23.2 34.8



#72
Phenanthrene
Concen: 2.261 ng/ul
RT: 17.039 min Scan# 2389
Delta R.T. -0.018 min
Lab File: BP023086.D
Acq: 13 Nov 2024 18:13

Tgt Ion:178 Resp: 63345
Ion Ratio Lower Upper
178 100
179 15.7 12.7 19.1
176 20.1 15.4 23.2





#80

Fluoranthene

Concen: 4.278 ng/ul

RT: 19.145 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP023086.D

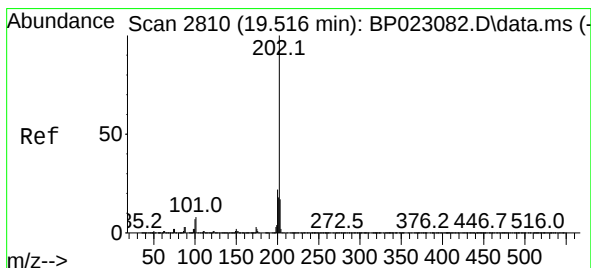
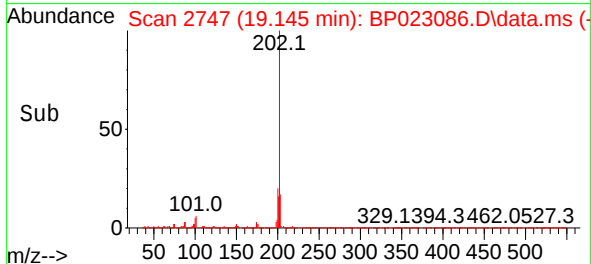
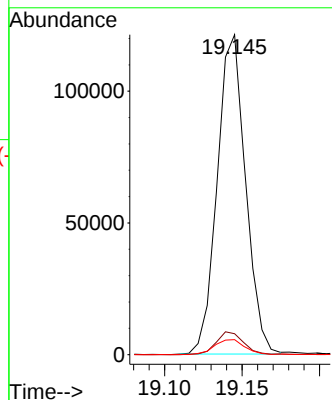
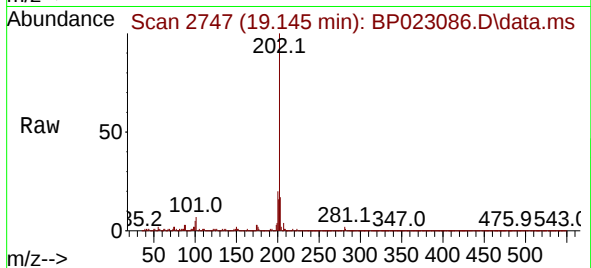
Acq: 13 Nov 2024 18:13

Instrument :

BNA_P

ClientSampleId :

Tgt Ion:	202	Resp:	154101
Ion	Ratio	Lower	Upper
202	100		
101	6.5	5.2	7.8
100	4.7	4.1	6.1



#82

Pyrene

Concen: 2.349 ng/ul

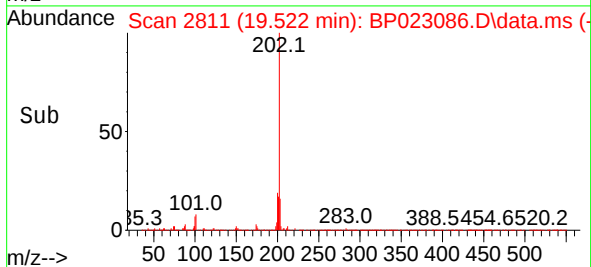
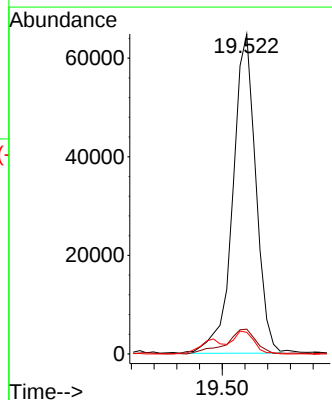
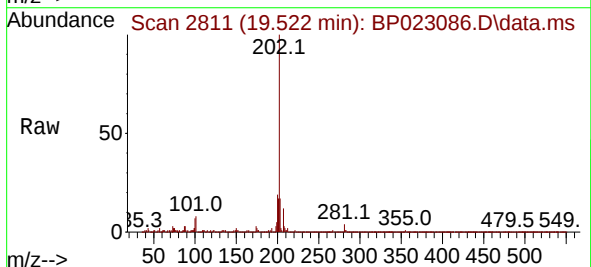
RT: 19.522 min Scan# 2811

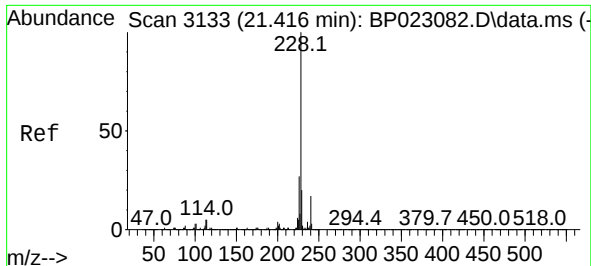
Delta R.T. -0.006 min

Lab File: BP023086.D

Acq: 13 Nov 2024 18:13

Tgt Ion:	202	Resp:	90896
Ion	Ratio	Lower	Upper
202	100		
101	7.7	6.2	9.2
100	6.7	4.9	7.3

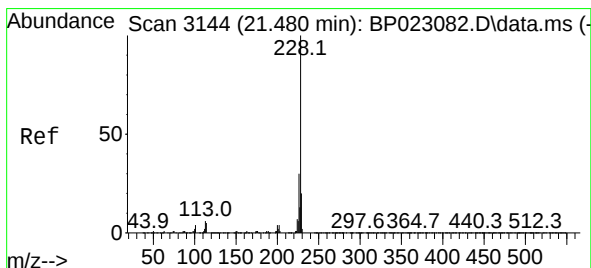
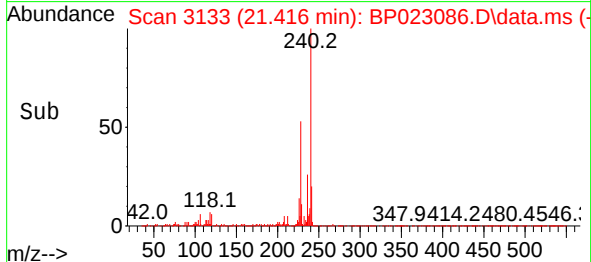
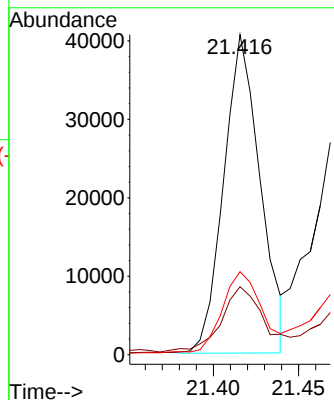
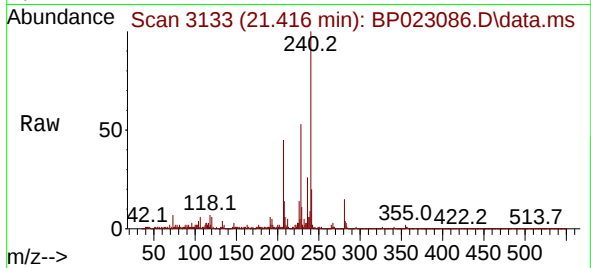




#85
Benzo(a)anthracene
Concen: 1.462 ng/ul
RT: 21.416 min Scan# 3133
Delta R.T. -0.006 min
Lab File: BP023086.D
Acq: 13 Nov 2024 18:13

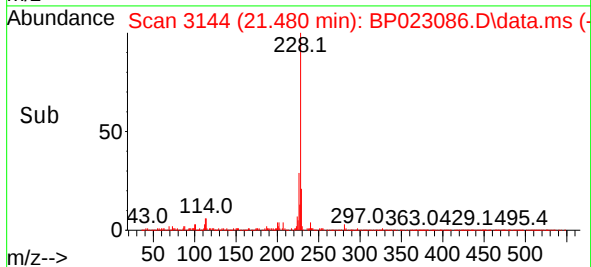
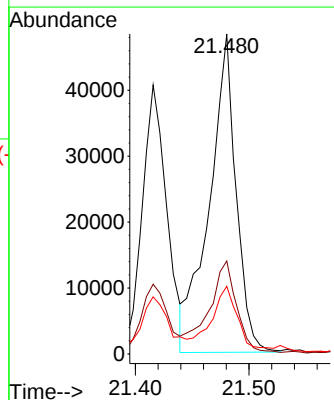
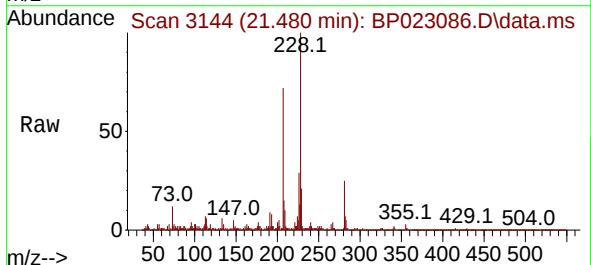
Instrument :
BNA_P
ClientSampleId :

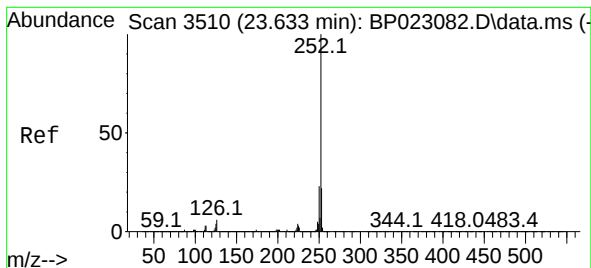
Tgt Ion:228 Resp: 60598
Ion Ratio Lower Upper
228 100
229 21.2 15.5 23.3
226 26.0 21.9 32.9



#87
Chrysene
Concen: 2.024 ng/ul
RT: 21.480 min Scan# 3144
Delta R.T. -0.006 min
Lab File: BP023086.D
Acq: 13 Nov 2024 18:13

Tgt Ion:228 Resp: 78935
Ion Ratio Lower Upper
228 100
226 29.1 24.2 36.2
229 21.1 16.1 24.1





#90

Benzo(b)fluoranthene

Concen: 2.625 ng/ul

RT: 23.633 min Scan# 3510

Delta R.T. -0.006 min

Lab File: BP023086.D

Acq: 13 Nov 2024 18:13

Instrument :

BNA_P

ClientSampleId :

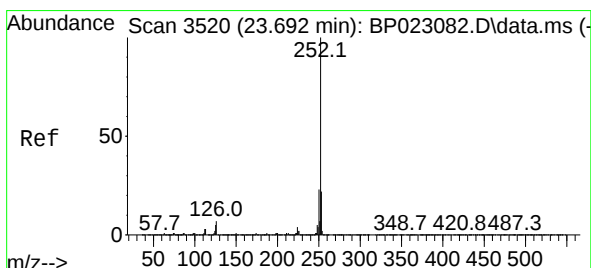
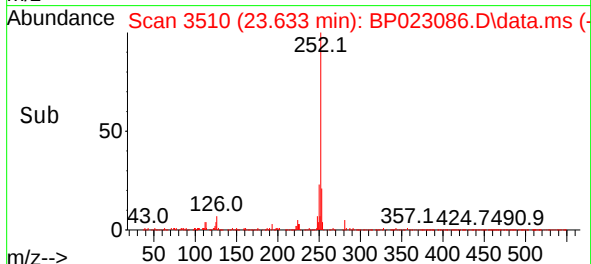
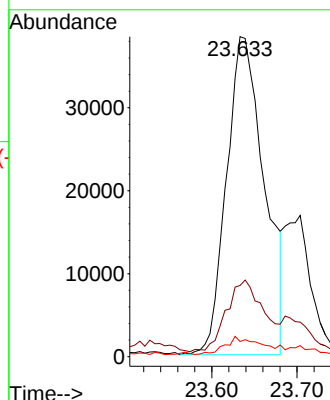
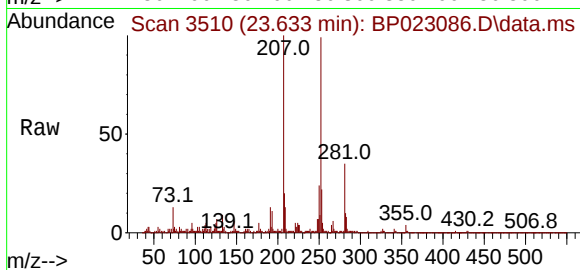
Tgt Ion:252 Resp: 118250

Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.2

125 4.8 3.7 5.5



#91

Benzo(k)fluoranthene

Concen: 2.667 ng/ul

RT: 23.633 min Scan# 3510

Delta R.T. -0.076 min

Lab File: BP023086.D

Acq: 13 Nov 2024 18:13

Tgt Ion:252 Resp: 118250

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.8

125 4.8 3.0 4.4#

