

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121624\
 Data File : BP023491.D
 Acq On : 18 Dec 2024 08:23
 Operator : RC/JU
 Sample : P5258-08
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 E28X2

Quant Time: Dec 18 09:49:29 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 11 00:30:30 2024
 Response via : Initial Calibration

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

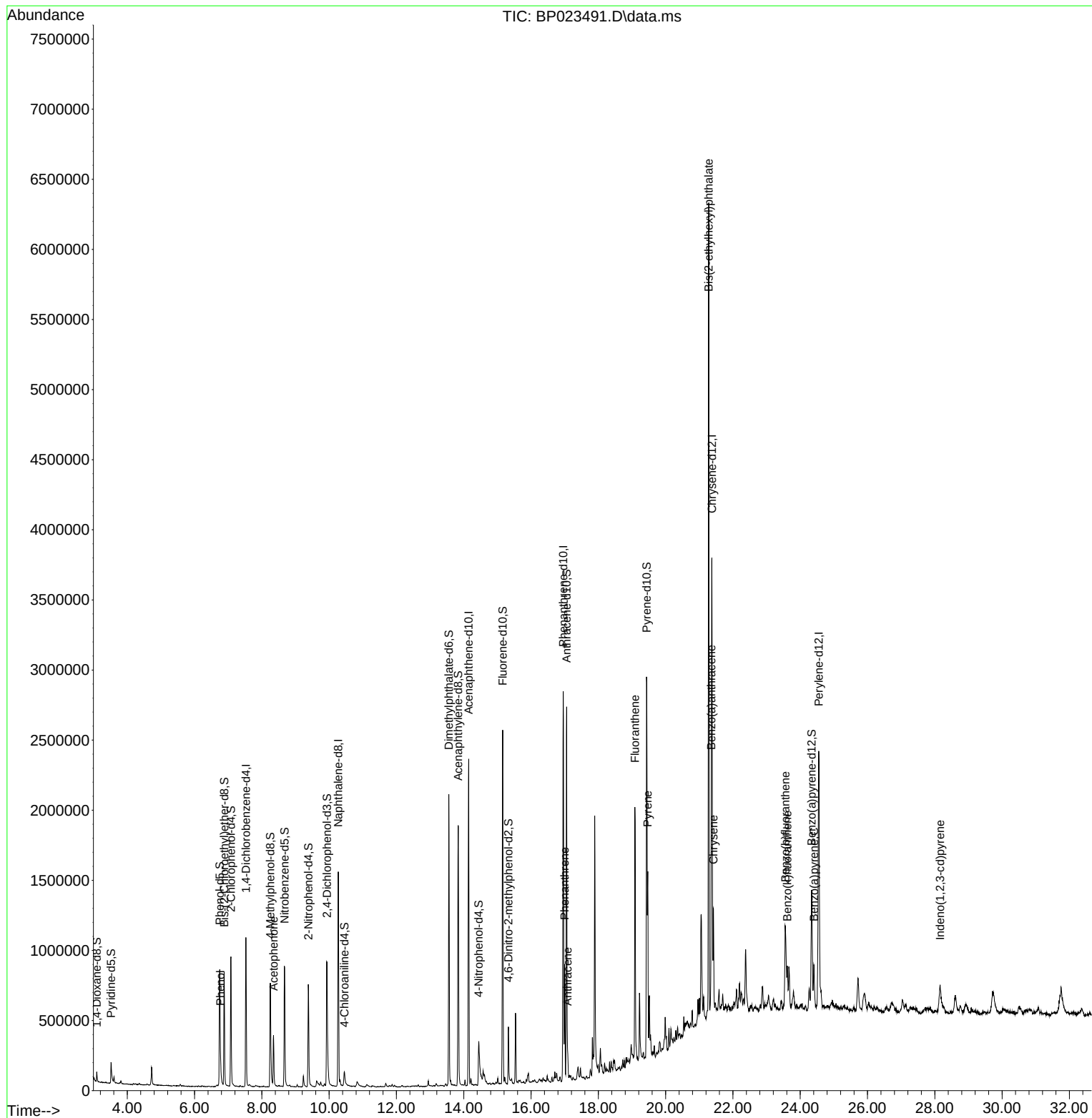
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.528	152	306141	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.269	136	1178463	20.000	ng/u1	#-0.01
38) Acenaphthene-d10	14.146	164	833932	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.957	188	1801197	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.375	240	1737222	20.000	ng/u1	#-0.01
88) Perylene-d12	24.551	264	1882720	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.093	96	31412	3.778	ng/uL	-0.01
4) Pyridine-d5	3.517	84	102827	4.809	ng/u1	0.00
7) Phenol-d5	6.746	99	562693	23.426	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.881	67	376991	24.876	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.081	132	418089	23.583	ng/u1	0.00
15) 4-Methylphenol-d8	8.252	113	345273	17.810	ng/u1	0.00
21) Nitrobenzene-d5	8.675	128	205523	23.355	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.381	143	242592	23.919	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	9.934	165	445499	20.812	ng/u1	0.00
31) 4-Chloroaniline-d4	10.452	131	96095	4.007	ng/u1	0.01
46) Dimethylphthalate-d6	13.557	166	1387934	21.439	ng/u1	0.00
49) Acenaphthylene-d8	13.834	160	1385657	20.292	ng/u1	0.00
54) 4-Nitrophenol-d4	14.446	143	149605	18.858	ng/u1	0.04
60) Fluorene-d10	15.157	176	1073979	18.861	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.328	200	94860	8.714	ng/u1	0.02
73) Anthracene-d10	17.057	188	1469137	17.872	ng/u1	0.00
81) Pyrene-d10	19.434	212	1476506	16.268	ng/u1	-0.01
92) Benzo(a)pyrene-d12	24.339	264	877905	8.711	ng/u1	0.00
Target Compounds						
					Qvalue	
8) Phenol	6.769	94	67693	2.707	ng/u1	96
16) Acetophenone	8.346	105	201909	6.188	ng/u1	90
72) Phenanthrene	16.998	178	463074	4.973	ng/u1	100
74) Anthracene	17.087	178	117806	1.265	ng/u1	96
80) Fluoranthene	19.086	202	1138622	10.948	ng/u1#	90
82) Pyrene	19.469	202	846131	7.667	ng/u1#	94
85) Benzo(a)anthracene	21.357	228	544969	4.678	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.280	149	2327435	42.401	ng/u1	99
87) Chrysene	21.422	228	488113	4.372	ng/u1	97
90) Benzo(b)fluoranthene	23.557	252	659452	5.575	ng/u1#	98
91) Benzo(k)fluoranthene	23.616	252	243564	2.069	ng/u1#	92
93) Benzo(a)pyrene	24.410	252	273198	2.547	ng/u1#	94
94) Indeno(1,2,3-cd)pyrene	28.157	276	232838	1.689	ng/u1#	92

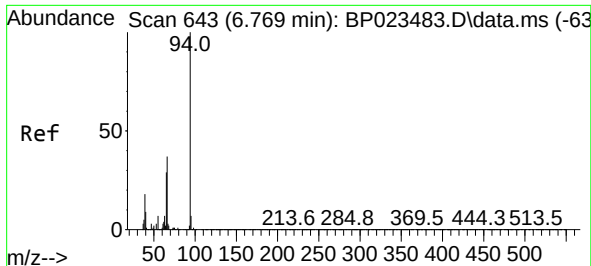
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121624\
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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#8

Phenol

Concen: 2.707 ng/ul

RT: 6.769 min Scan# 643

Delta R.T. -0.006 min

Lab File: BP023491.D

Acq: 18 Dec 2024 08:23

Instrument :

BNA_P

ClientSampleId :

E28X2

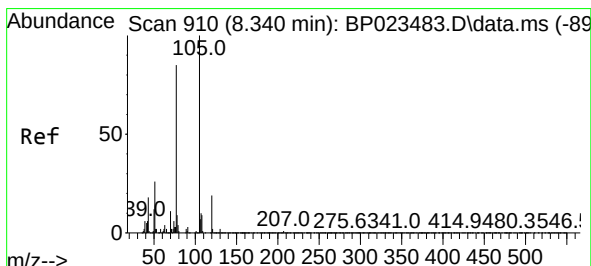
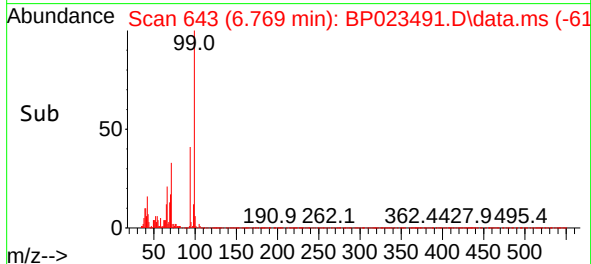
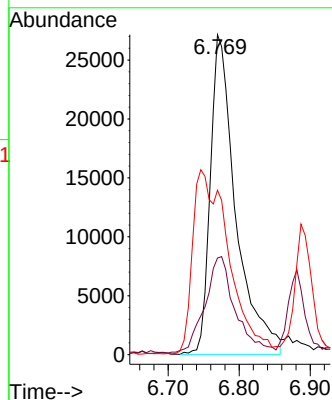
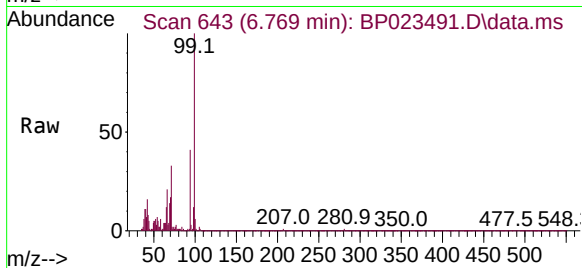
Tgt Ion: 94 Resp: 67693

Ion Ratio Lower Upper

94 100

65 30.2 28.0 42.0

66 51.4 42.0 63.0



#16

Acetophenone

Concen: 6.188 ng/ul

RT: 8.346 min Scan# 911

Delta R.T. -0.012 min

Lab File: BP023491.D

Acq: 18 Dec 2024 08:23

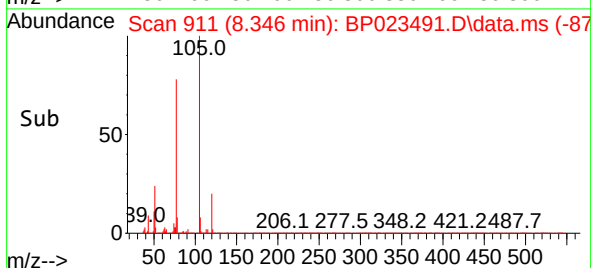
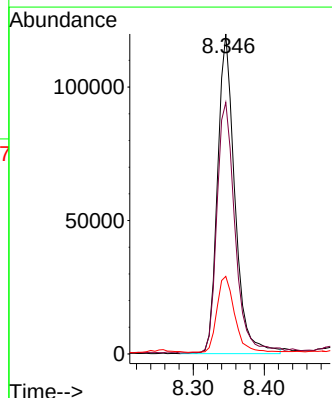
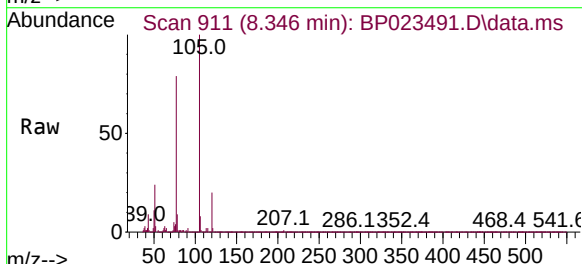
Tgt Ion: 105 Resp: 201909

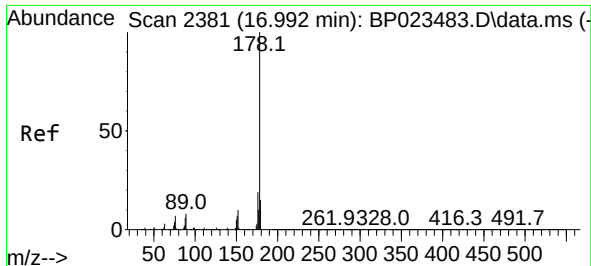
Ion Ratio Lower Upper

105 100

77 78.6 71.2 106.8

51 24.2 22.9 34.3

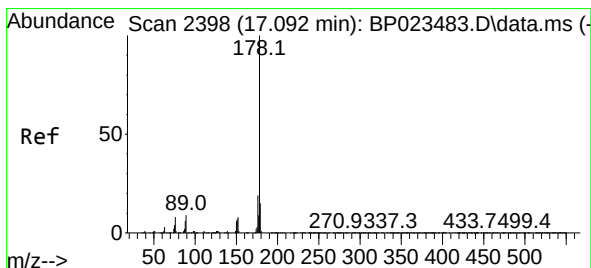
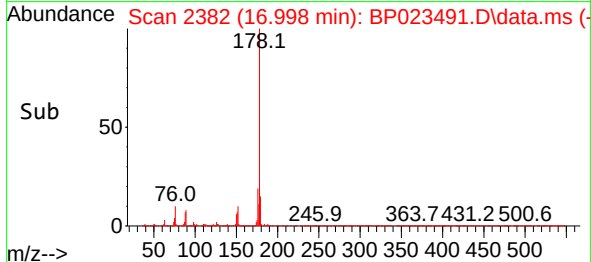
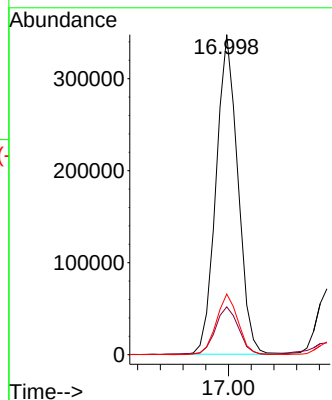
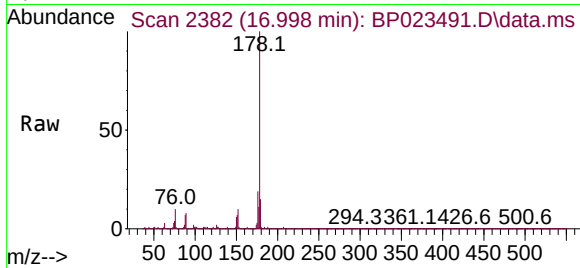




#72
Phenanthrene
Concen: 4.973 ng/ul
RT: 16.998 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP023491.D
Acq: 18 Dec 2024 08:23

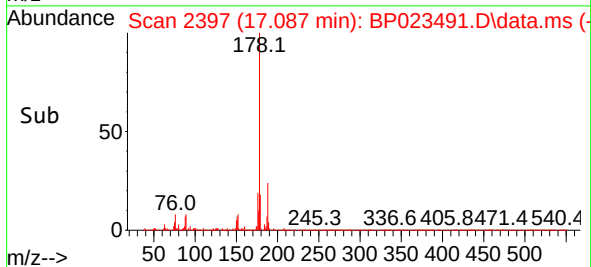
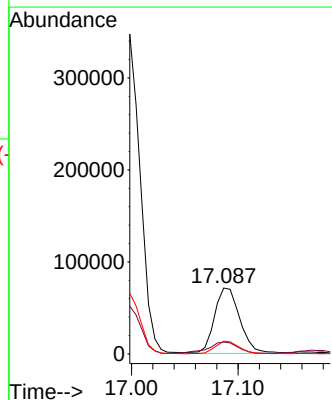
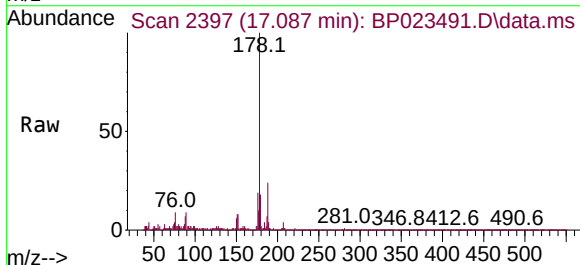
Instrument :
BNA_P
ClientSampleId :
E28X2

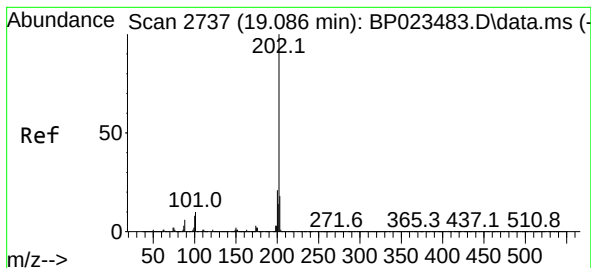
Tgt Ion:178 Resp: 463074
Ion Ratio Lower Upper
178 100
179 15.0 12.1 18.1
176 19.0 15.4 23.0



#74
Anthracene
Concen: 1.265 ng/ul
RT: 17.087 min Scan# 2397
Delta R.T. 0.000 min
Lab File: BP023491.D
Acq: 18 Dec 2024 08:23

Tgt Ion:178 Resp: 117806
Ion Ratio Lower Upper
178 100
179 18.0 12.3 18.5
176 19.3 14.7 22.1





#80

Fluoranthene

Concen: 10.948 ng/ul

RT: 19.086 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP023491.D

Acq: 18 Dec 2024 08:23

Instrument :

BNA_P

ClientSampleId :

E28X2

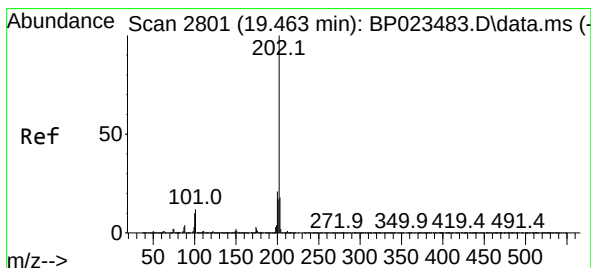
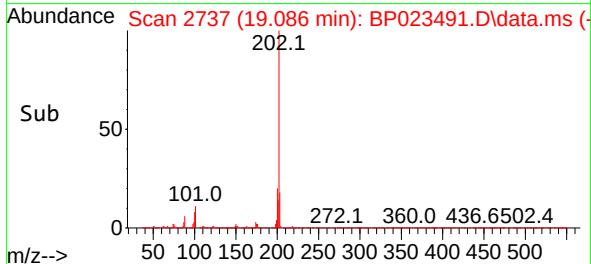
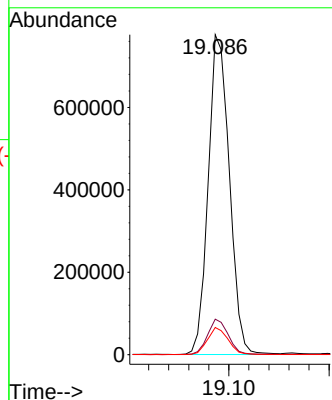
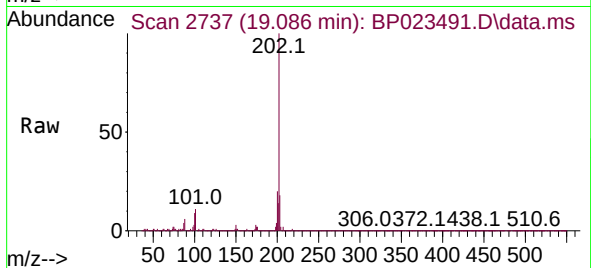
Tgt Ion:202 Resp: 1138622

Ion Ratio Lower Upper

202 100

101 11.1 5.6 8.4#

100 8.5 4.6 7.0#



#82

Pyrene

Concen: 7.667 ng/ul

RT: 19.469 min Scan# 2802

Delta R.T. -0.006 min

Lab File: BP023491.D

Acq: 18 Dec 2024 08:23

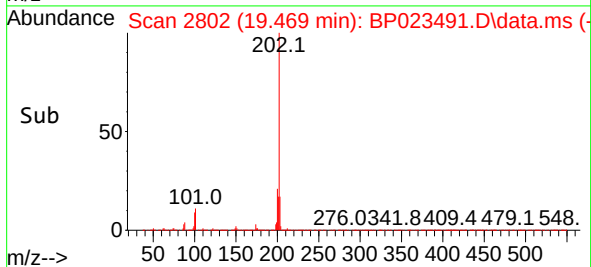
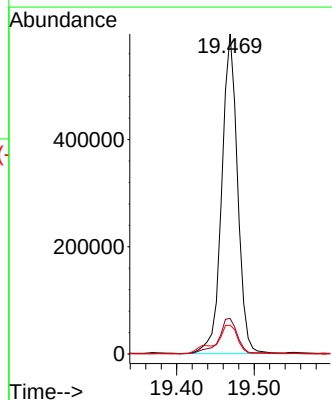
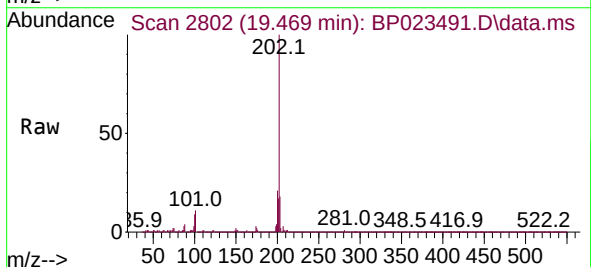
Tgt Ion:202 Resp: 846131

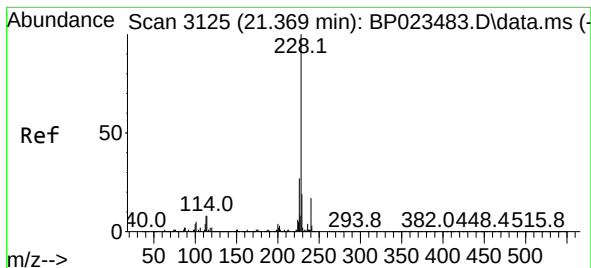
Ion Ratio Lower Upper

202 100

101 11.1 6.7 10.1#

100 9.0 5.8 8.8#





#85

Benzo(a)anthracene

Concen: 4.678 ng/ul

RT: 21.357 min Scan# 3110

Delta R.T. -0.012 min

Lab File: BP023491.D

Acq: 18 Dec 2024 08:23

Instrument :

BNA_P

ClientSampleId :

E28X2

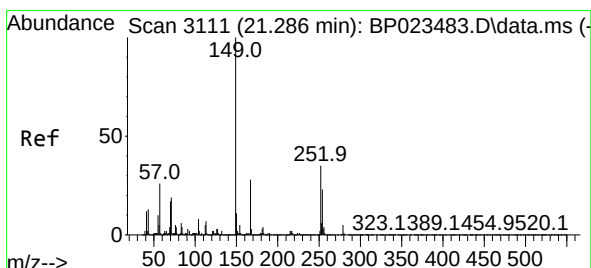
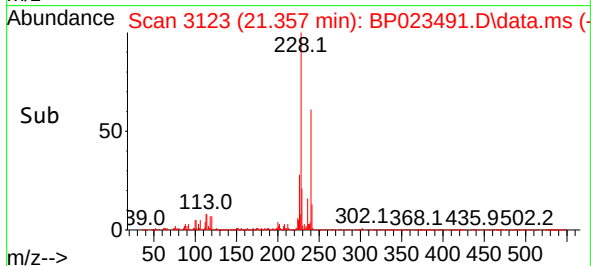
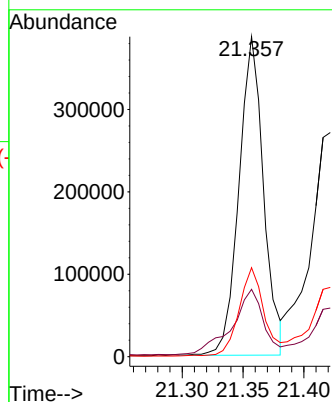
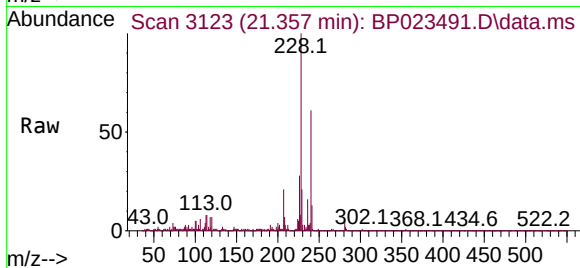
Tgt Ion:228 Resp: 544969

Ion Ratio Lower Upper

228 100

229 21.0 15.7 23.5

226 27.8 21.6 32.4



#86

Bis(2-ethylhexyl)phthalate

Concen: 42.401 ng/ul

RT: 21.280 min Scan# 3110

Delta R.T. -0.018 min

Lab File: BP023491.D

Acq: 18 Dec 2024 08:23

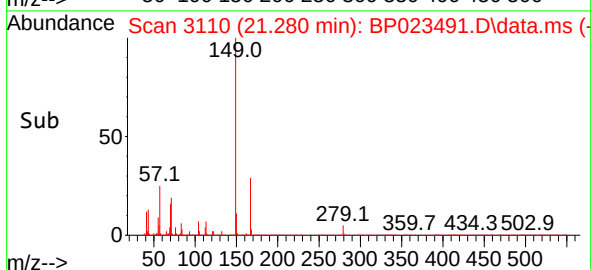
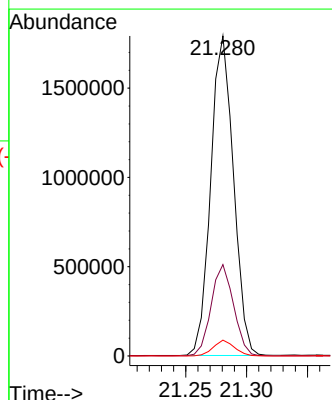
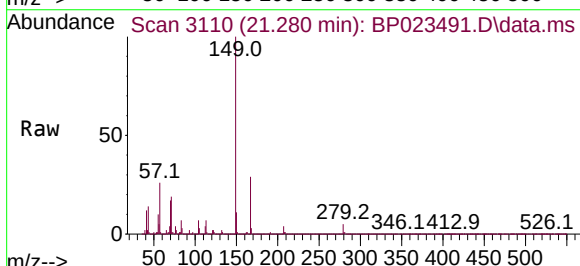
Tgt Ion:149 Resp: 2327435

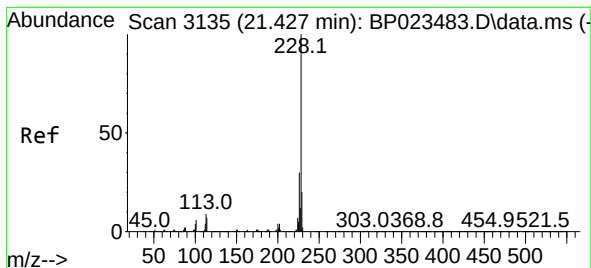
Ion Ratio Lower Upper

149 100

167 28.5 22.5 33.7

279 5.0 3.7 5.5





#87

Chrysene

Concen: 4.372 ng/ul

RT: 21.422 min Scan# 3135

Delta R.T. -0.018 min

Lab File: BP023491.D

Acq: 18 Dec 2024 08:23

Instrument :

BNA_P

ClientSampleId :

E28X2

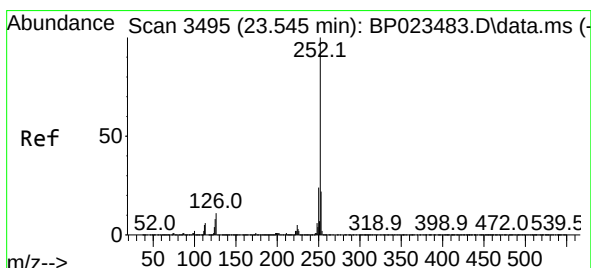
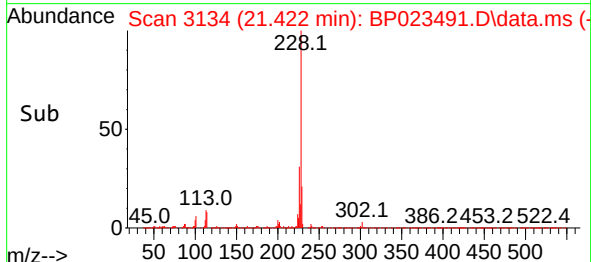
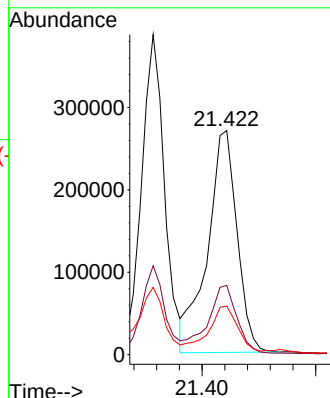
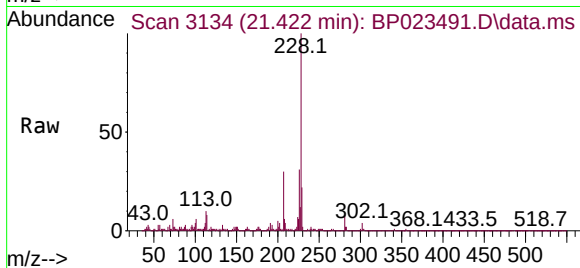
Tgt Ion:228 Resp: 488113

Ion Ratio Lower Upper

228 100

226 30.9 24.2 36.2

229 21.7 15.6 23.4



#90

Benzo(b)fluoranthene

Concen: 5.575 ng/ul

RT: 23.557 min Scan# 3497

Delta R.T. 0.000 min

Lab File: BP023491.D

Acq: 18 Dec 2024 08:23

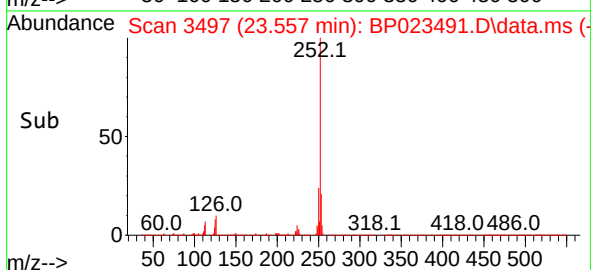
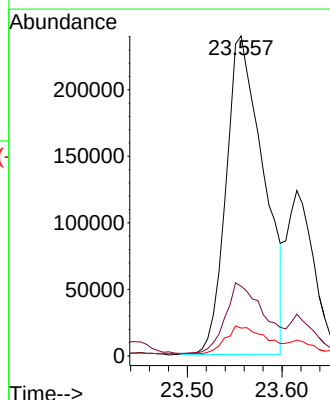
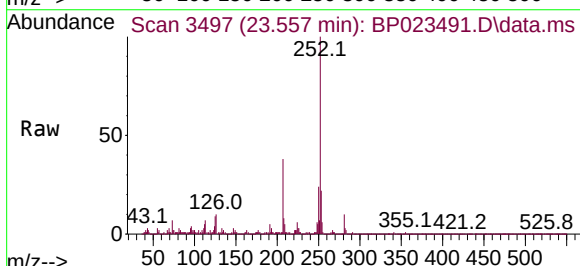
Tgt Ion:252 Resp: 659452

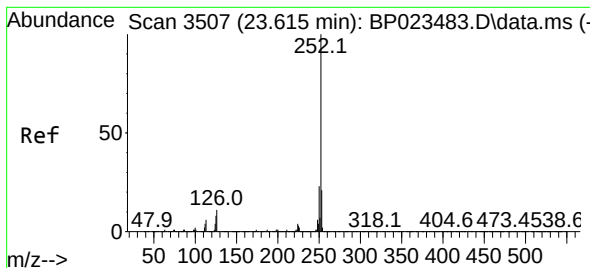
Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

125 8.7 4.4 6.6#





#91

Benzo(k)fluoranthene

Concen: 2.069 ng/ul

RT: 23.616 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP023491.D

Acq: 18 Dec 2024 08:23

Instrument :

BNA_P

ClientSampleId :

E28X2

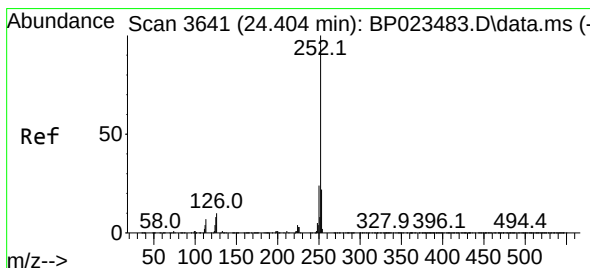
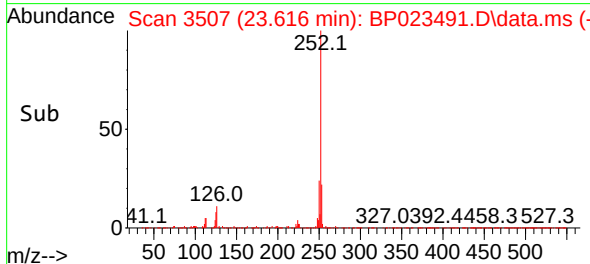
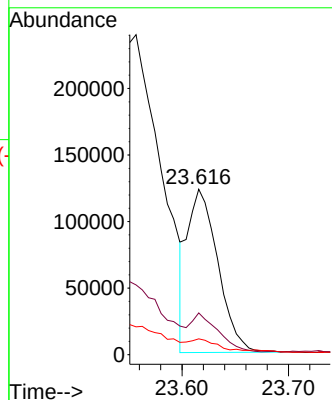
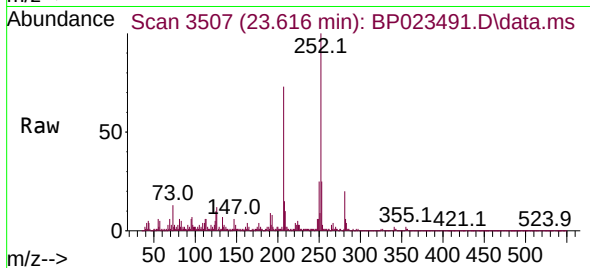
Tgt Ion:252 Resp: 243564

Ion Ratio Lower Upper

252 100

253 25.2 17.5 26.3

125 9.6 4.3 6.5#



#93

Benzo(a)pyrene

Concen: 2.547 ng/ul

RT: 24.410 min Scan# 3642

Delta R.T. 0.000 min

Lab File: BP023491.D

Acq: 18 Dec 2024 08:23

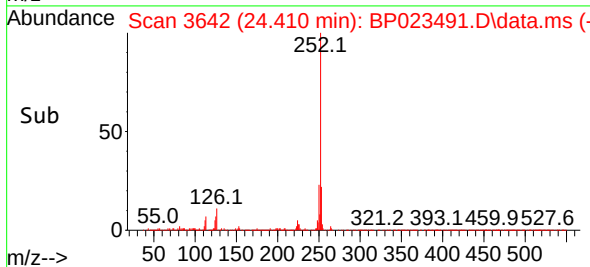
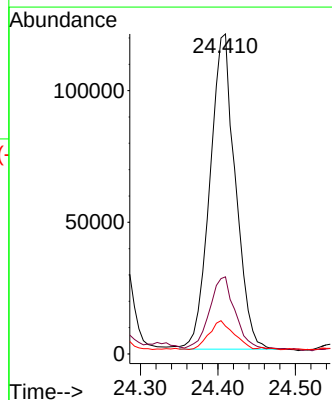
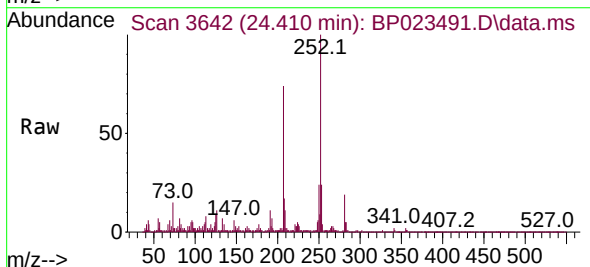
Tgt Ion:252 Resp: 273198

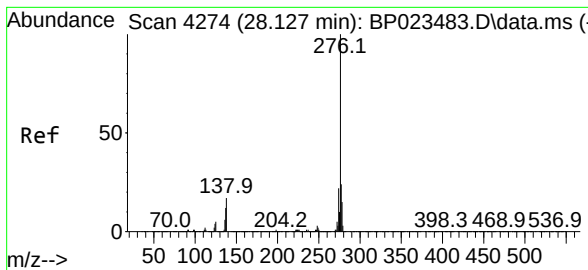
Ion Ratio Lower Upper

252 100

253 24.1 17.4 26.0

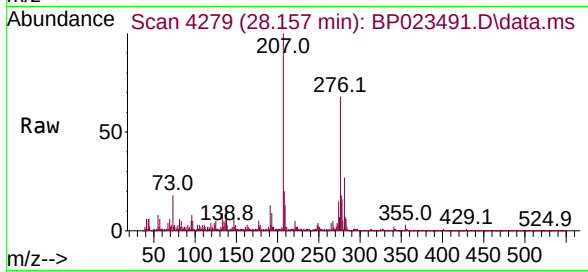
125 8.7 5.0 7.4#





#94
Indeno(1,2,3-cd)pyrene
Concen: 1.689 ng/ul
RT: 28.157 min Scan# 41
Delta R.T. 0.012 min
Lab File: BP023491.D
Acq: 18 Dec 2024 08:23

Instrument :
BNA_P
ClientSampleId :
E28X2



Tgt Ion:	276	Resp:	232838
Ion Ratio	Lower	Upper	
276	100		
138	17.5	7.8	11.6#
277	26.0	19.8	29.8

