

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121624\
 Data File : BP023470.D
 Acq On : 17 Dec 2024 17:33
 Operator : RC/JU
 Sample : P5258-09
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 E28X3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/18/2024
 Supervised By :mohammad ahmed 12/19/2024

Quant Time: Dec 17 23:53:52 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	256079	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.275	136	988363	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.151	164	741822	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.951	188	1607379	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.380	240	1494830	20.000	ng/ul	# 0.00
88) Perylene-d12	24.563	264	1551152	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.099	96	23385	3.362	ng/uL	0.00
4) Pyridine-d5	3.528	84	63306m	3.539	ng/ul	0.01
7) Phenol-d5	6.746	99	441498	21.973	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.881	67	289633	22.848	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.081	132	317854	21.434	ng/ul	0.00
15) 4-Methylphenol-d8	8.258	113	268521	16.558	ng/ul	0.00
21) Nitrobenzene-d5	8.675	128	154342	20.912	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.387	143	183475	21.570	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.940	165	345058	19.220	ng/ul	0.00
31) 4-Chloroaniline-d4	10.440	131	257559	12.806	ng/ul	0.00
46) Dimethylphthalate-d6	13.557	166	1166796	20.261	ng/ul	0.00
49) Acenaphthylene-d8	13.834	160	1143197	18.820	ng/ul	0.00
54) 4-Nitrophenol-d4	14.463	143	132175m	18.730	ng/ul	0.05
60) Fluorene-d10	15.157	176	891529	17.601	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.328	200	100203m	10.315	ng/ul	0.02
73) Anthracene-d10	17.057	188	1345313	18.339	ng/ul	0.00
81) Pyrene-d10	19.445	212	1328106	17.006	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.339	264	803072	9.671	ng/ul	0.00
Target Compounds						
					Qvalue	
8) Phenol	6.775	94	48076m	2.298	ng/ul	
16) Acetophenone	8.352	105	132433	4.852	ng/ul	92
72) Phenanthrene	16.992	178	283803	3.415	ng/ul	98
80) Fluoranthene	19.092	202	583349	6.519	ng/ul#	91
82) Pyrene	19.475	202	415820	4.379	ng/ul#	92
85) Benzo(a)anthracene	21.363	228	262047	2.614	ng/ul	98
87) Chrysene	21.427	228	232699	2.422	ng/ul	98
90) Benzo(b)fluoranthene	23.568	252	315682	3.239	ng/ul#	98
91) Benzo(k)fluoranthene	23.621	252	106791	1.101	ng/ul#	92
93) Benzo(a)pyrene	24.410	252	128027	1.449	ng/ul#	90

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

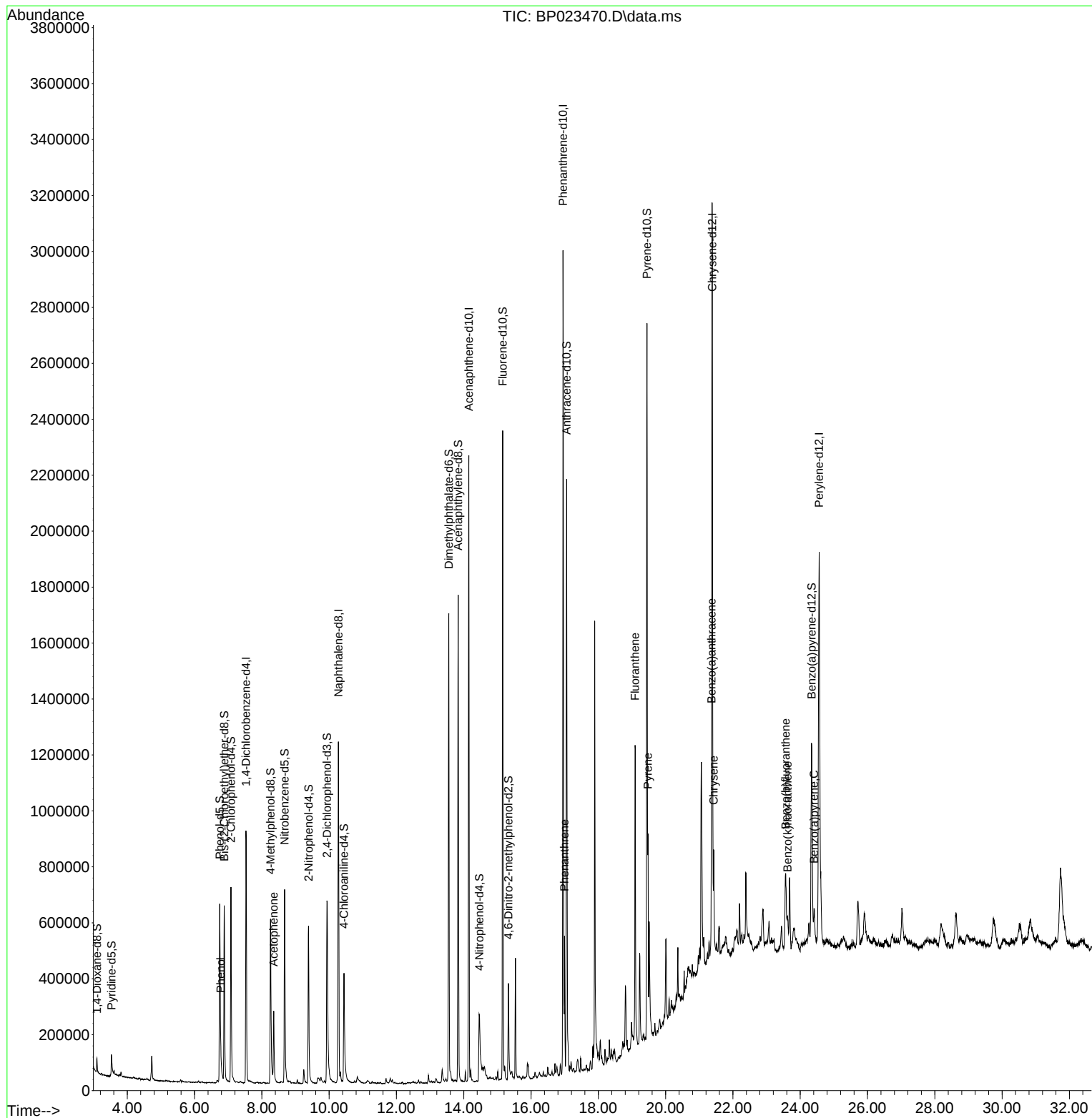
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121624\
Data File : BP023470.D
Acq On : 17 Dec 2024 17:33
Operator : RC/JU
Sample : P5258-09
Misc :
ALS Vial : 44 Sample Multiplier: 1

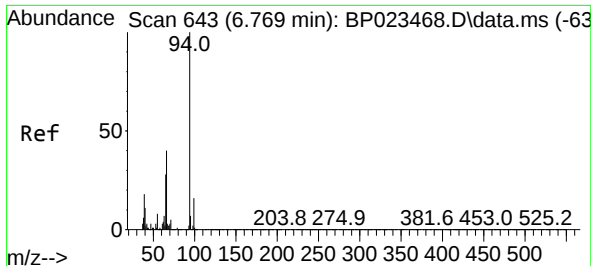
Instrument :
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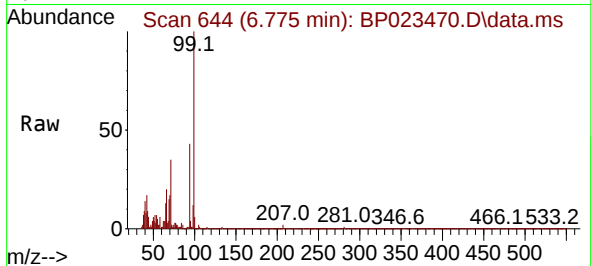
Quant Time: Dec 17 23:53:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 00:30:30 2024
Response via : Initial Calibration





#8
Phenol
Concen: 2.298 ng/ul m
RT: 6.775 min Scan# 64
Delta R.T. -0.000 min
Lab File: BP023470.D
Acq: 17 Dec 2024 17:33

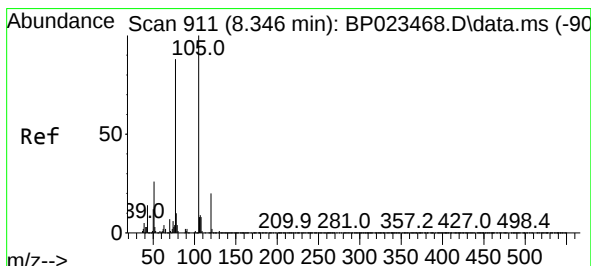
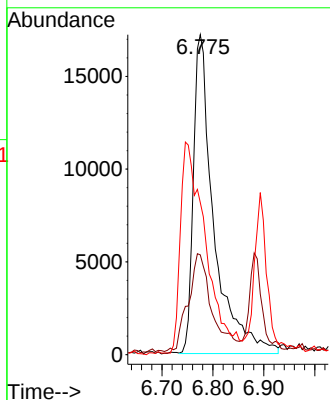
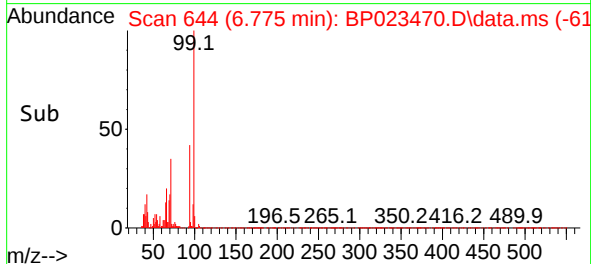
Instrument :
BNA_P
ClientSampleId :
E28X3



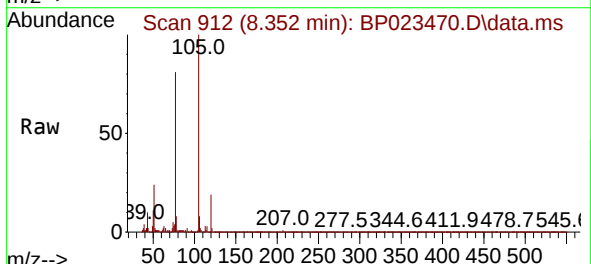
Tgt Ion: 94 Resp: 48070
Ion Ratio Lower Upper
94 100
65 31.2 28.0 42.0
66 47.6 42.0 63.0

Manual Integrations
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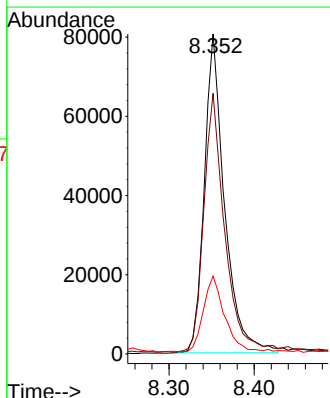
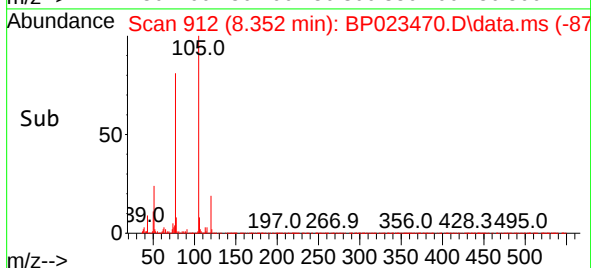
Reviewed By :Yogesh Patel 12/18/2024
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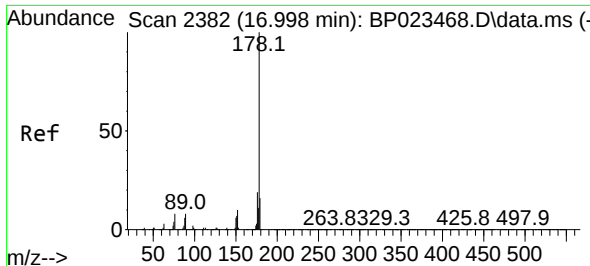


#16
Acetophenone
Concen: 4.852 ng/ul
RT: 8.352 min Scan# 912
Delta R.T. -0.006 min
Lab File: BP023470.D
Acq: 17 Dec 2024 17:33



Tgt Ion:105 Resp: 132433
Ion Ratio Lower Upper
105 100
77 81.5 71.2 106.8
51 24.3 22.9 34.3





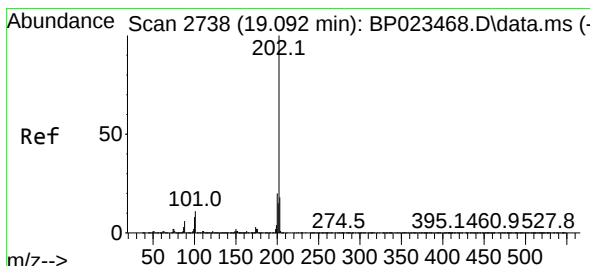
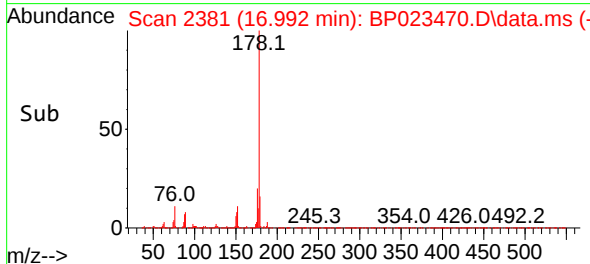
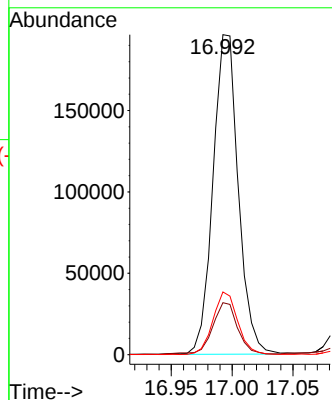
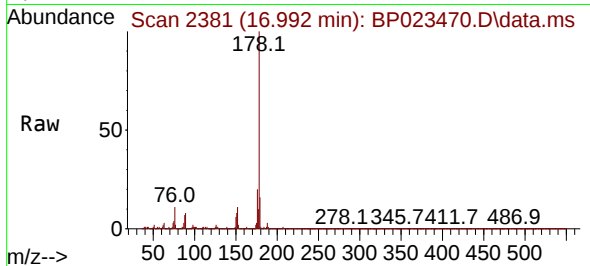
#72
Phenanthrene
Concen: 3.415 ng/ul
RT: 16.992 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP023470.D
Acq: 17 Dec 2024 17:33

Instrument :
BNA_P
ClientSampleId :
E28X3

Tgt Ion:178 Resp: 28380
Ion Ratio Lower Upper
178 100
179 16.2 12.1 18.1
176 19.6 15.4 23.0

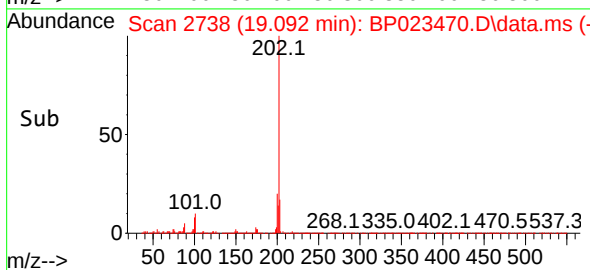
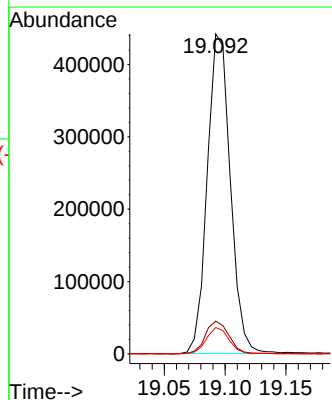
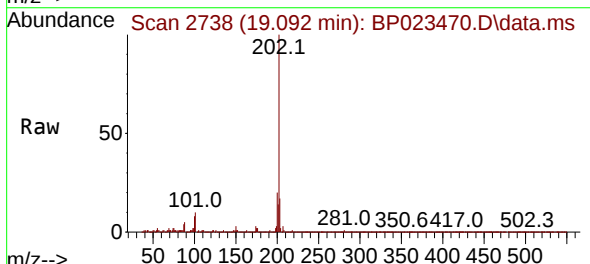
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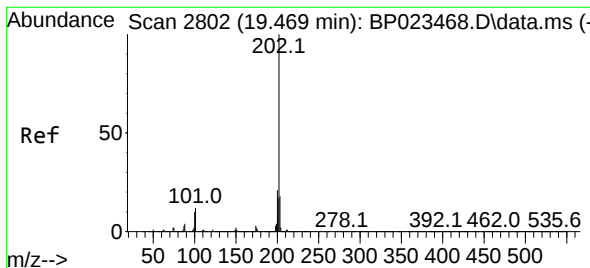
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/19/2024



#80
Fluoranthene
Concen: 6.519 ng/ul
RT: 19.092 min Scan# 2738
Delta R.T. -0.006 min
Lab File: BP023470.D
Acq: 17 Dec 2024 17:33

Tgt Ion:202 Resp: 583349
Ion Ratio Lower Upper
202 100
101 10.3 5.6 8.4#
100 8.3 4.6 7.0#





#82

Pyrene

Concen: 4.379 ng/ul

RT: 19.475 min Scan# 2803

Delta R.T. -0.000 min

Lab File: BP023470.D

Acq: 17 Dec 2024 17:33

Instrument :

BNA_P

ClientSampleId :

E28X3

Tgt Ion:202 Resp: 415820

Ion Ratio Lower Upper

202 100

101 11.5 6.7 10.1

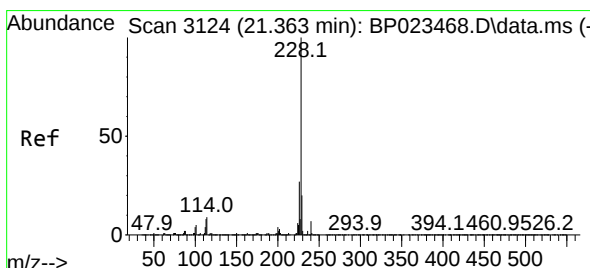
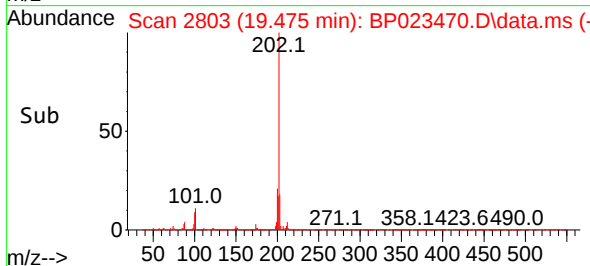
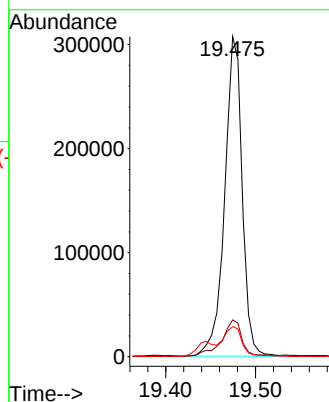
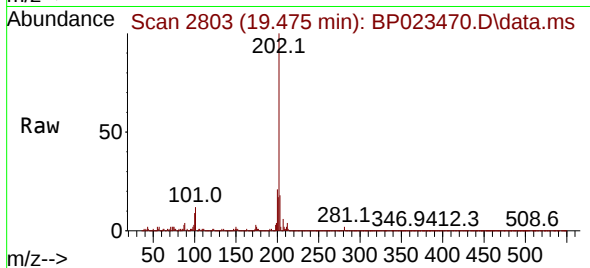
100 9.4 5.8 8.8

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#85

Benzo(a)anthracene

Concen: 2.614 ng/ul

RT: 21.363 min Scan# 3124

Delta R.T. -0.006 min

Lab File: BP023470.D

Acq: 17 Dec 2024 17:33

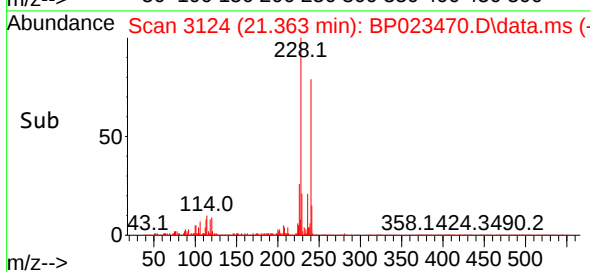
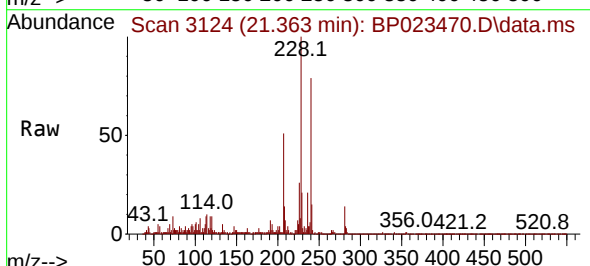
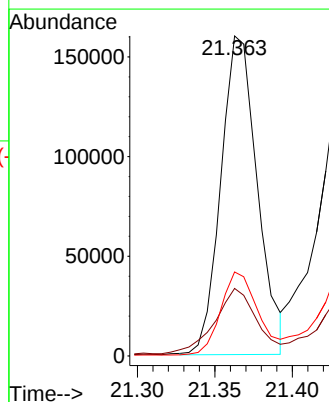
Tgt Ion:228 Resp: 262047

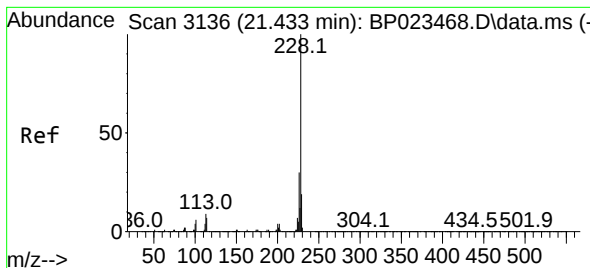
Ion Ratio Lower Upper

228 100

229 21.1 15.7 23.5

226 26.3 21.6 32.4





#87

Chrysene

Concen: 2.422 ng/ul

RT: 21.427 min Scan# 3136

Delta R.T. -0.012 min

Lab File: BP023470.D

Acq: 17 Dec 2024 17:33

Instrument :

BNA_P

ClientSampleId :

E28X3

Tgt Ion:228 Resp: 232699

Ion Ratio Lower Upper

228 100

226 30.9 24.2 36.2

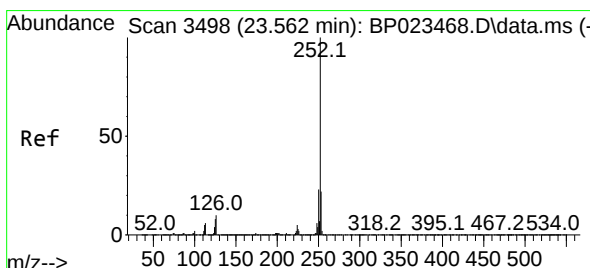
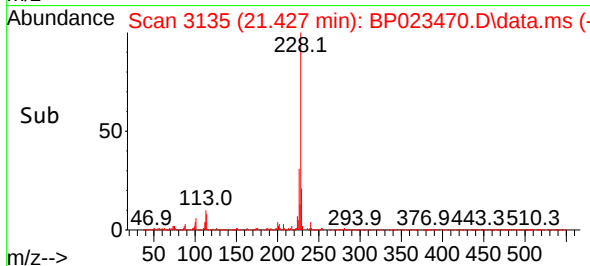
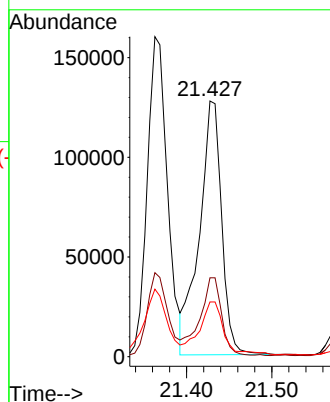
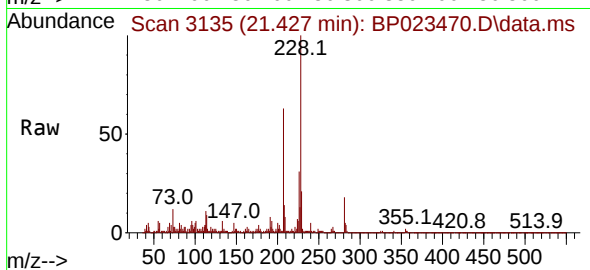
229 21.4 15.6 23.4

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#90

Benzo(b)fluoranthene

Concen: 3.239 ng/ul

RT: 23.568 min Scan# 3499

Delta R.T. 0.012 min

Lab File: BP023470.D

Acq: 17 Dec 2024 17:33

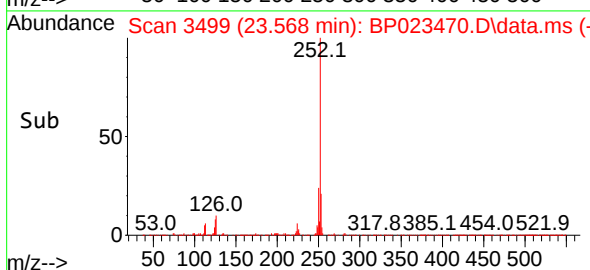
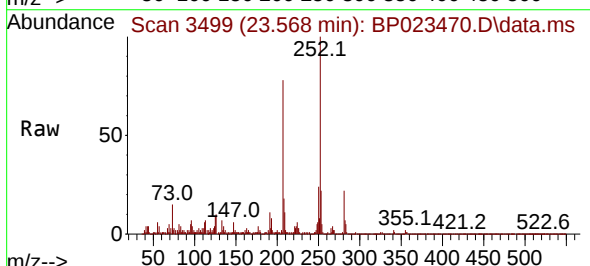
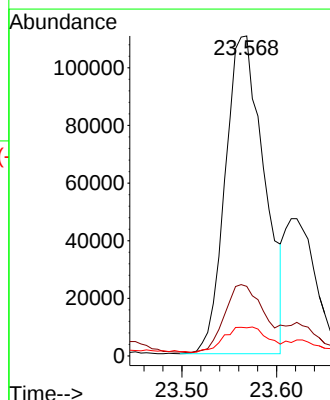
Tgt Ion:252 Resp: 315682

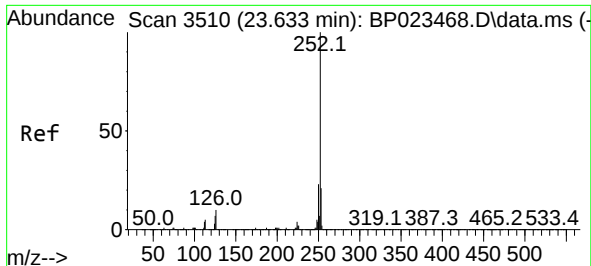
Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

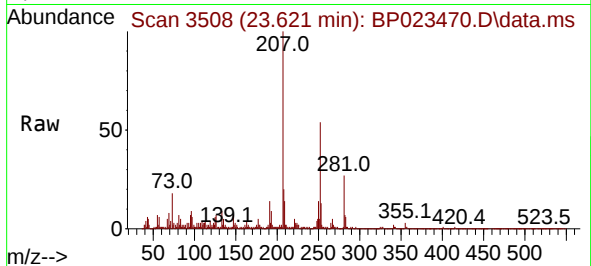
125 8.8 4.4 6.6#





#91
Benzo(k)fluoranthene
Concen: 1.101 ng/ul
RT: 23.621 min Scan# 3510
Delta R.T. -0.000 min
Lab File: BP023470.D
Acq: 17 Dec 2024 17:33

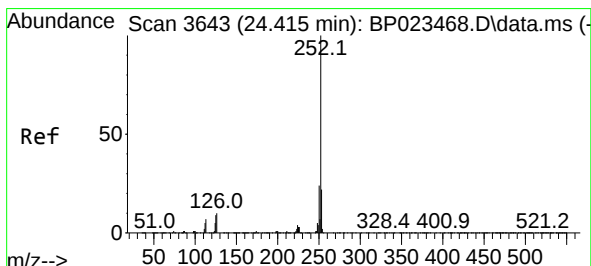
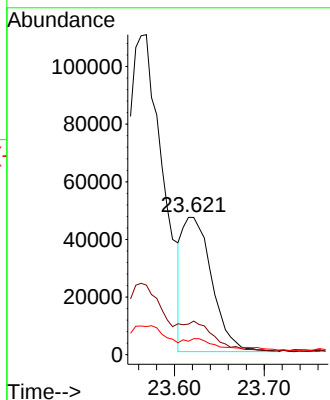
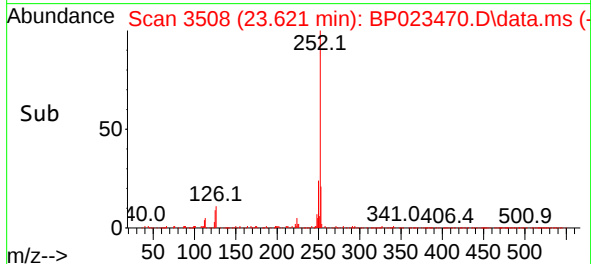
Instrument :
BNA_P
ClientSampleId :
E28X3



Tgt Ion:252 Resp: 10679
Ion Ratio Lower Upper
252 100
253 24.4 17.5 26.3
125 11.7 4.3 6.5

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#93
Benzo(a)pyrene
Concen: 1.449 ng/ul
RT: 24.410 min Scan# 3642
Delta R.T. -0.000 min
Lab File: BP023470.D
Acq: 17 Dec 2024 17:33

Tgt Ion:252 Resp: 128027
Ion Ratio Lower Upper
252 100
253 25.4 17.4 26.0
125 11.9 5.0 7.4

