

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121624\
 Data File : BP023445.D
 Acq On : 16 Dec 2024 22:32
 Operator : RC/JU
 Sample : P5234-02
 Misc : GCMS CONFIRMATION
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0AQ5

Manual Integrations
 APPROVED

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

Quant Time: Dec 17 00:42:20 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	199226	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.275	136	714644	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.157	164	437853	20.000	ng/ul	0.01
64) Phenanthrene-d10	16.963	188	803503	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.380	240	790977	20.000	ng/ul	0.00
88) Perylene-d12	24.551	264	927169	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	0.000	99	0d	0.000	ng/ul	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/ul	
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	0.000	128	0d	0.000	ng/ul	
24) 2-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
28) 2,4-Dichlorophenol-d3	0.000	165	0d	0.000	ng/ul	
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	0.000	166	0d	0.000	ng/ul	
49) Acenaphthylene-d8	0.000	160	0d	0.000	ng/ul	
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	0.000	188	0d	0.000	ng/ul	
81) Pyrene-d10	0.000	212	0d	0.000	ng/ul	
92) Benzo(a)pyrene-d12	0.000	264	0d	0.000	ng/ul	
Target Compounds					Qvalue	
72) Phenanthrene	17.010	178	357023	8.595	ng/ul#	90
80) Fluoranthene	19.104	202	609803	12.878	ng/ul	99
82) Pyrene	19.486	202	381417	7.591	ng/ul	98
85) Benzo(a)anthracene	21.363	228	224352	4.230	ng/ul	96
87) Chrysene	21.427	228	334074	6.572	ng/ul	97
90) Benzo(b)fluoranthene	23.563	252	319266	5.481	ng/ul#	93
91) Benzo(k)fluoranthene	23.616	252	106187m	1.832	ng/ul	

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

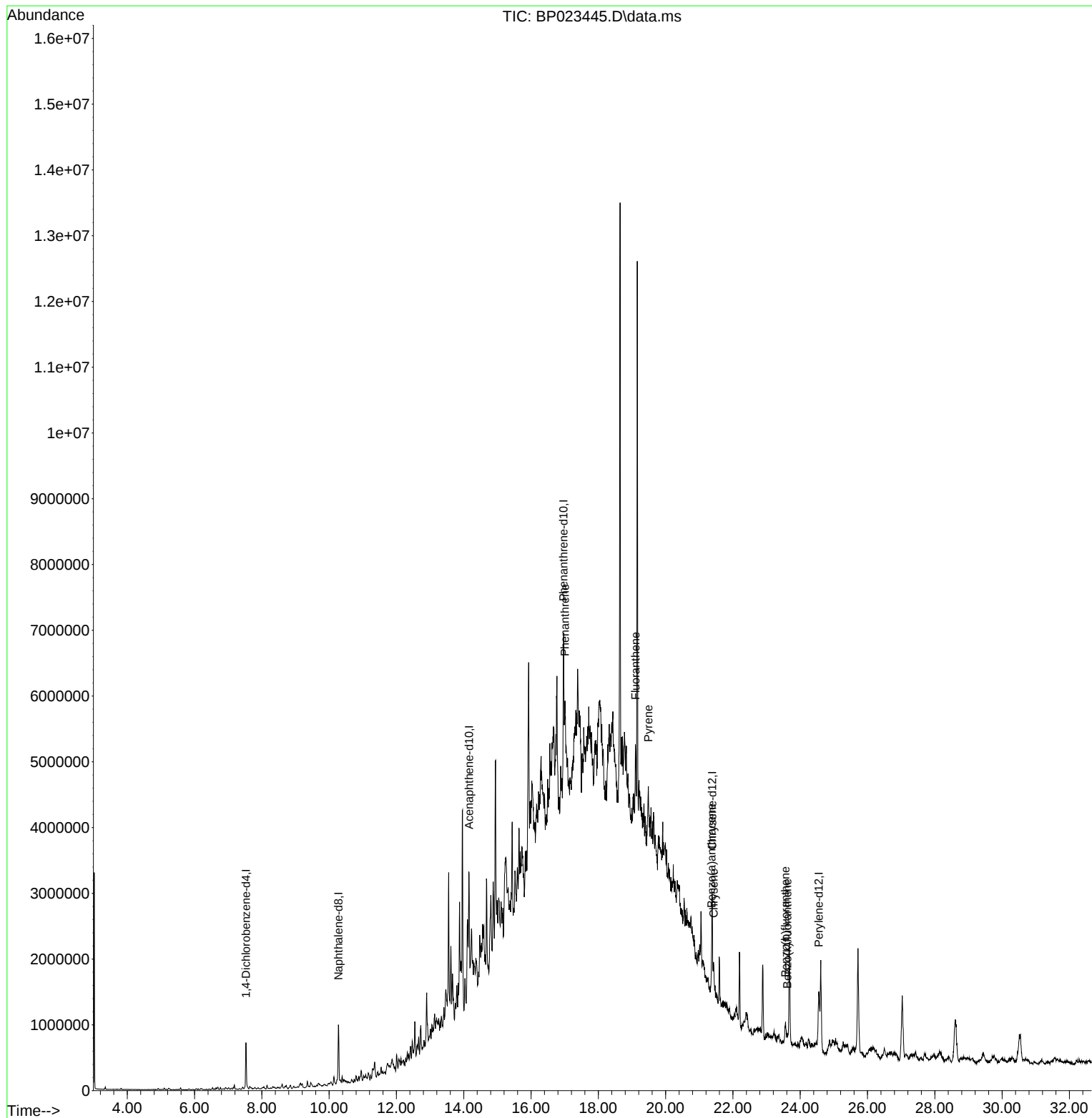
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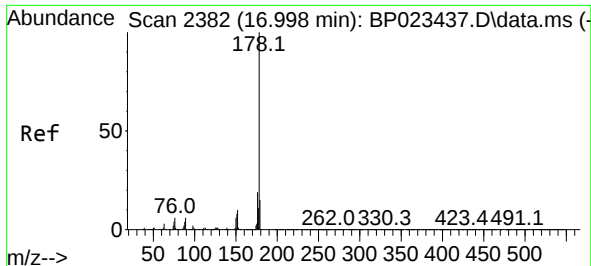
Instrument :
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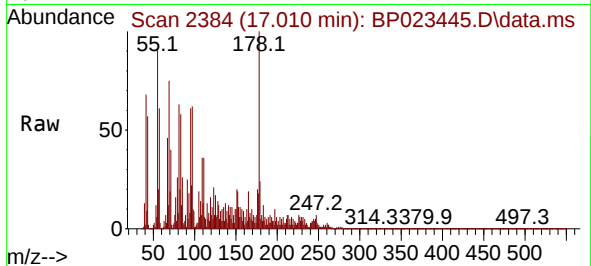
Quant Time: Dec 17 00:42:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 00:30:30 2024
Response via : Initial Calibration





#72
Phenanthrene
Concen: 8.595 ng/u1
RT: 17.010 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP023445.D
Acq: 16 Dec 2024 22:32

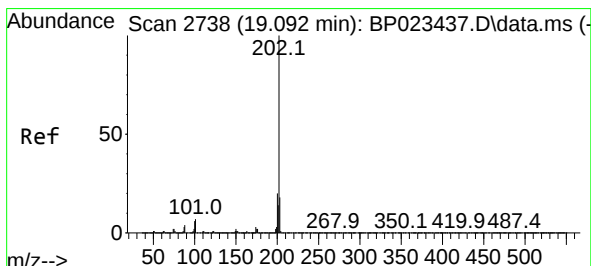
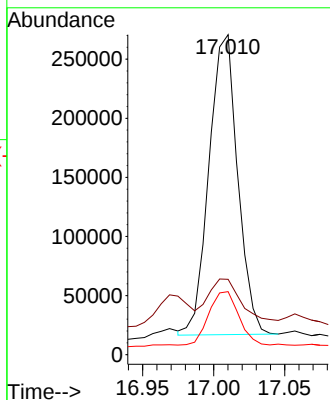
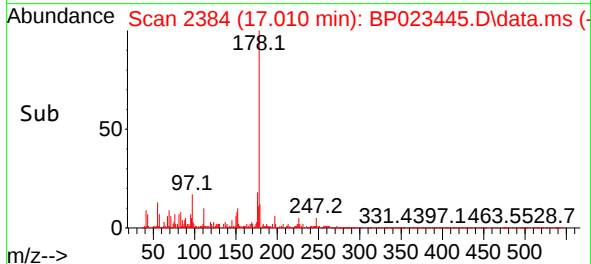
Instrument :
BNA_P
ClientSampleId :
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Tgt Ion:178 Resp: 35702
Ion Ratio Lower Upper
178 100
179 23.6 12.1 18.1
176 19.7 15.4 23.0

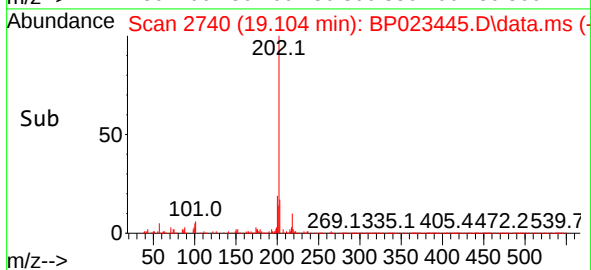
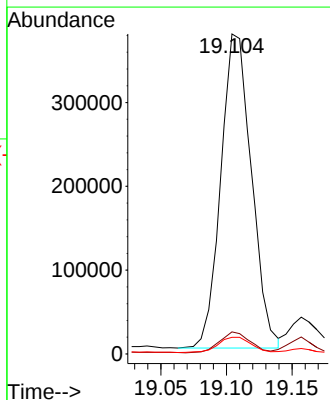
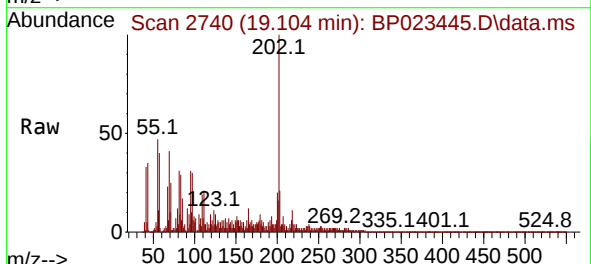
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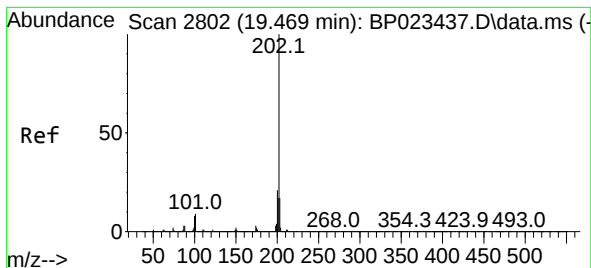
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/19/2024



#80
Fluoranthene
Concen: 12.878 ng/u1
RT: 19.104 min Scan# 2740
Delta R.T. 0.006 min
Lab File: BP023445.D
Acq: 16 Dec 2024 22:32

Tgt Ion:202 Resp: 609803
Ion Ratio Lower Upper
202 100
101 6.9 5.6 8.4
100 5.2 4.6 7.0





#82

Pyrene

Concen: 7.591 ng/ul

RT: 19.486 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP023445.D

Acq: 16 Dec 2024 22:32

Instrument :

BNA_P

ClientSampleId :

C0AQ5

Tgt Ion:202 Resp: 38141

Ion Ratio Lower Upper

202 100

101 8.2 6.7 10.1

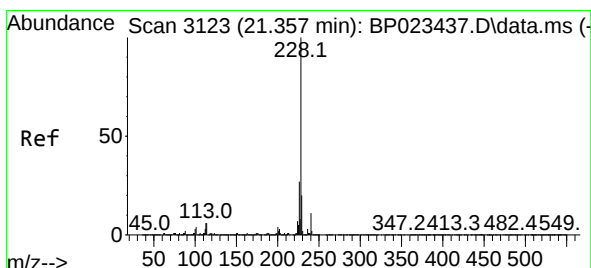
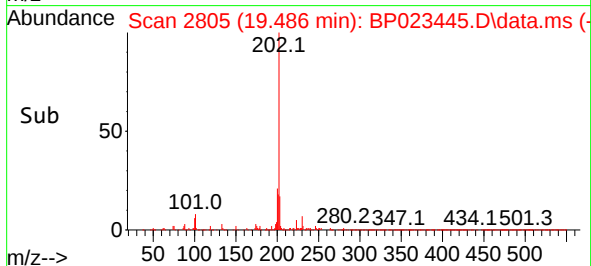
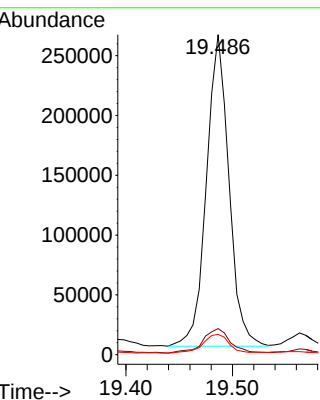
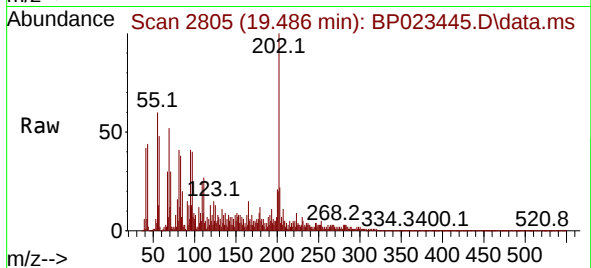
100 6.3 5.8 8.8

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#85

Benzo(a)anthracene

Concen: 4.230 ng/ul

RT: 21.363 min Scan# 3124

Delta R.T. -0.006 min

Lab File: BP023445.D

Acq: 16 Dec 2024 22:32

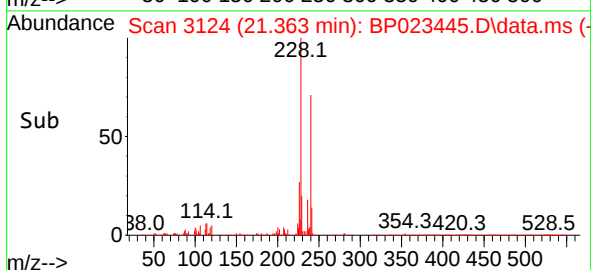
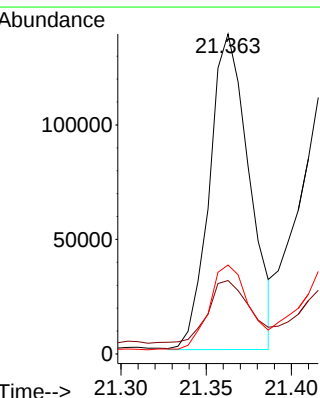
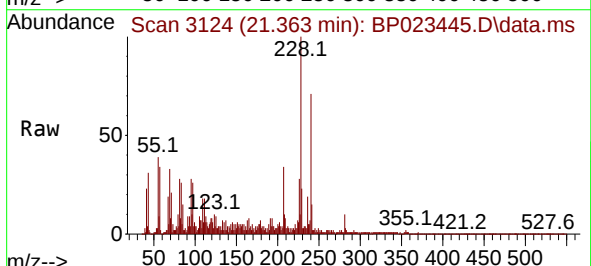
Tgt Ion:228 Resp: 224352

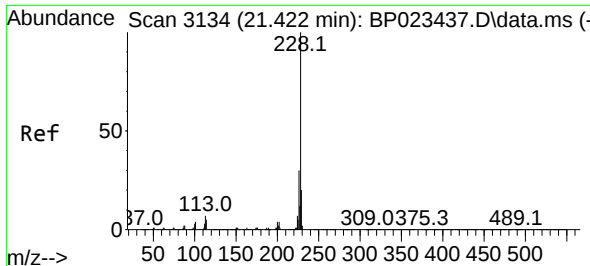
Ion Ratio Lower Upper

228 100

229 22.9 15.7 23.5

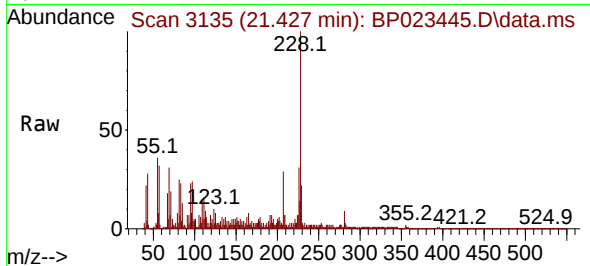
226 27.8 21.6 32.4





#87
Chrysene
Concen: 6.572 ng/ul
RT: 21.427 min Scan# 3134
Delta R.T. -0.012 min
Lab File: BP023445.D
Acq: 16 Dec 2024 22:32

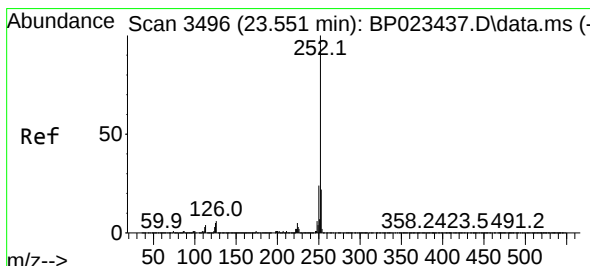
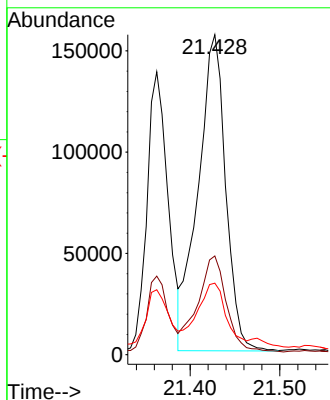
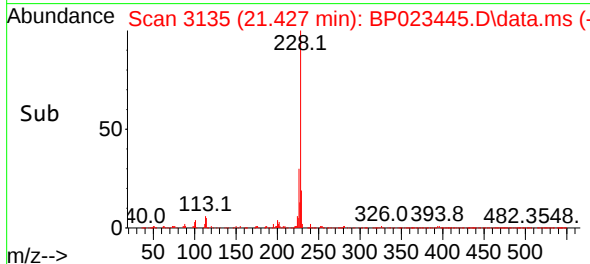
Instrument :
BNA_P
ClientSampleId :
C0AQ5



Tgt Ion:228 Resp: 334074
Ion Ratio Lower Upper
228 100
226 30.9 24.2 36.2
229 22.4 15.6 23.4

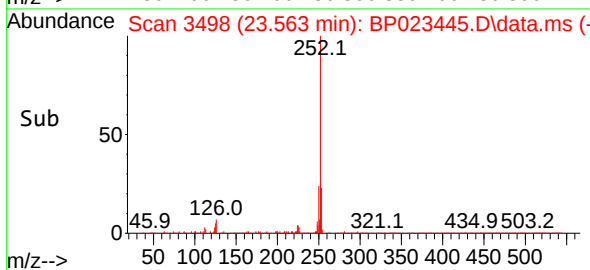
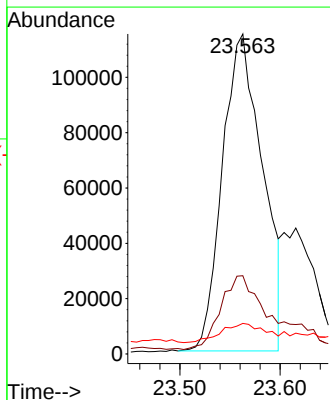
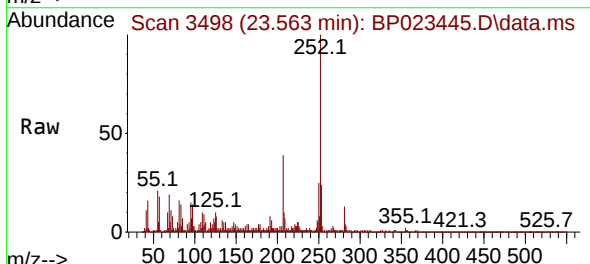
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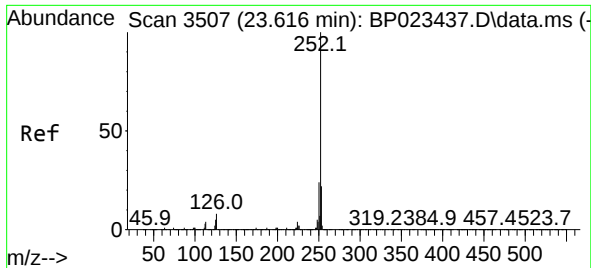
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#90
Benzo(b)fluoranthene
Concen: 5.481 ng/ul
RT: 23.563 min Scan# 3498
Delta R.T. 0.006 min
Lab File: BP023445.D
Acq: 16 Dec 2024 22:32

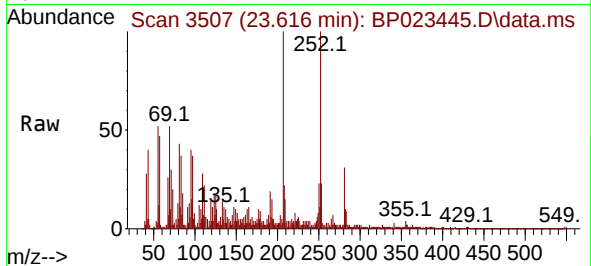
Tgt Ion:252 Resp: 319266
Ion Ratio Lower Upper
252 100
253 24.4 17.3 25.9
125 9.5 4.4 6.6





#91
Benzo(k)fluoranthene
Concen: 1.832 ng/ul m
RT: 23.616 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP023445.D
Acq: 16 Dec 2024 22:32

Instrument :
BNA_P
ClientSampleId :
C0AQ5



Tgt Ion:252 Resp: 10618
Ion Ratio Lower Upper
252 100
253 23.3 17.5 26.3
125 16.5 4.3 6.5

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