

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121624\
 Data File : BP023448.D
 Acq On : 17 Dec 2024 00:33
 Operator : RC/JU
 Sample : P5234-06
 Misc : GCMS CONFIRMATION
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 COAR0

Manual Integrations
 APPROVED

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

Quant Time: Dec 17 01:04:55 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	7.534	152	166110	20.000	ng/u1	0.00
20) Naphthalene-d8	10.275	136	592647	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.151	164	407513	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.945	188	805279	20.000	ng/u1	-0.01
79) Chrysene-d12	21.380	240	721610	20.000	ng/u1	0.00
88) Perylene-d12	24.539	264	828612	20.000	ng/u1	-0.04
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/u1	
7) Phenol-d5	0.000	99	0d	0.000	ng/u1	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/u1	
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/u1	
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/u1	
21) Nitrobenzene-d5	0.000	128	0d	0.000	ng/u1	
24) 2-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
28) 2,4-Dichlorophenol-d3	0.000	165	0d	0.000	ng/u1	
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/u1	
46) Dimethylphthalate-d6	0.000	166	0d	0.000	ng/u1	
49) Acenaphthylene-d8	0.000	160	0d	0.000	ng/u1	
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	0.000	176	0d	0.000	ng/u1	
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	0.000	188	0d	0.000	ng/u1	
81) Pyrene-d10	0.000	212	0d	0.000	ng/u1	
92) Benzo(a)pyrene-d12	0.000	264	0d	0.000	ng/u1	
Target Compounds						
						Qvalue
61) Fluorene	15.222	166	47878	1.559	ng/u1	98
72) Phenanthrene	16.998	178	1069973	25.701	ng/u1	99
80) Fluoranthene	19.092	202	1906636	44.135	ng/u1	99
82) Pyrene	19.469	202	751787	16.399	ng/u1	100
85) Benzo(a)anthracene	21.363	228	563929	11.654	ng/u1	99
87) Chrysene	21.422	228	835828	18.024	ng/u1	98
90) Benzo(b)fluoranthene	23.557	252	395232	7.592	ng/u1	99
91) Benzo(k)fluoranthene	23.621	252	115874m	2.237	ng/u1	

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

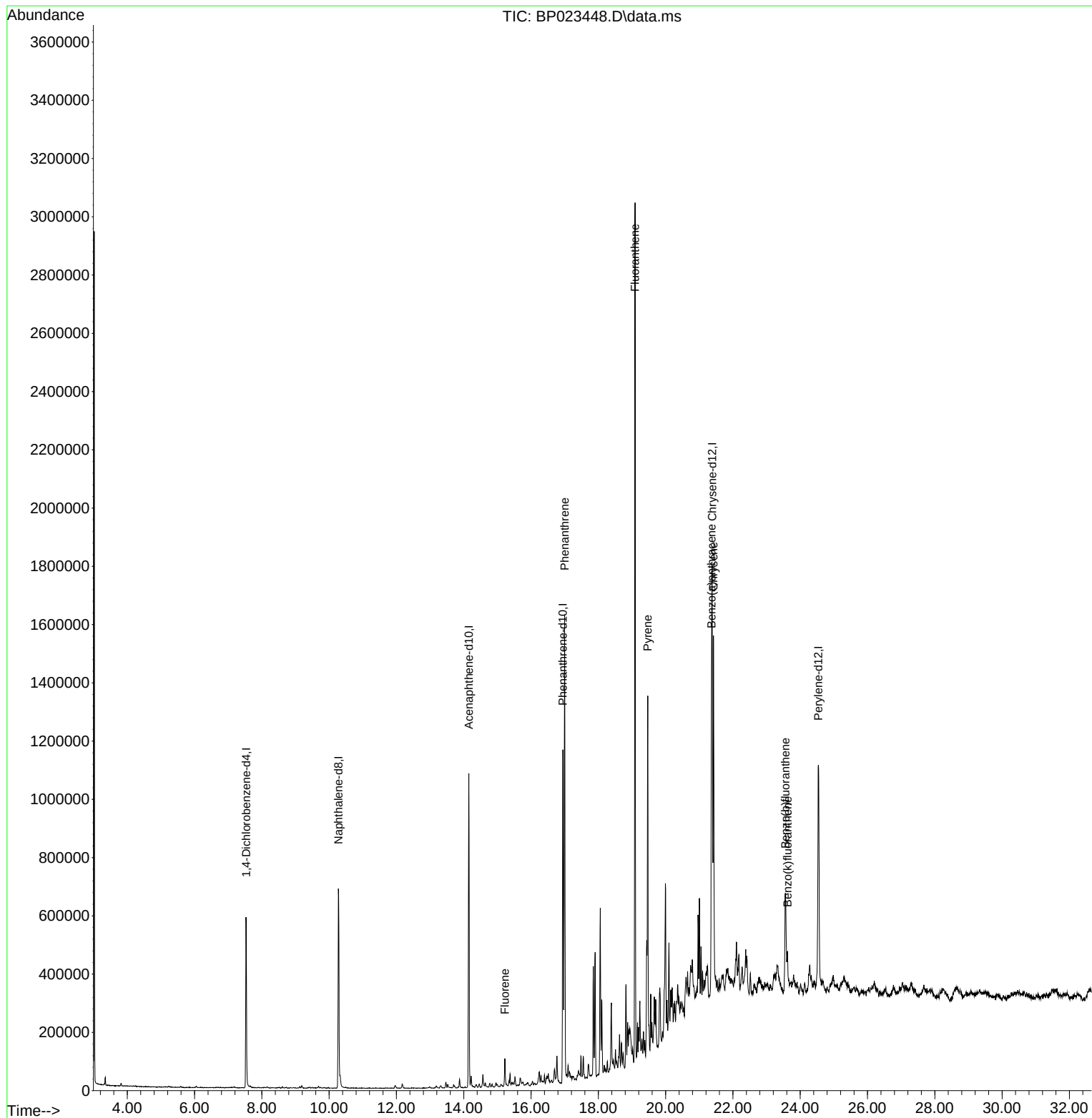
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121624\
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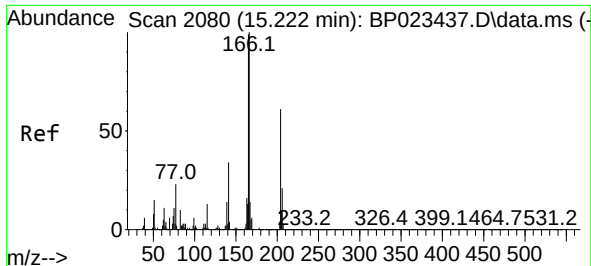
Instrument :
BNA_P
ClientSampleId :
C0AR0

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 00:30:30 2024
Response via : Initial Calibration





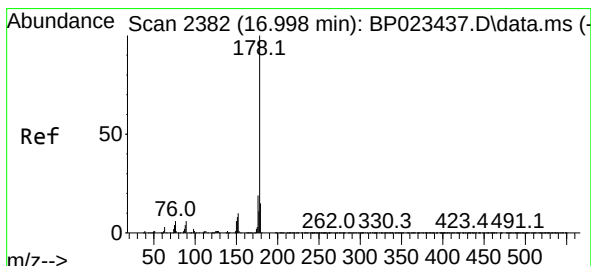
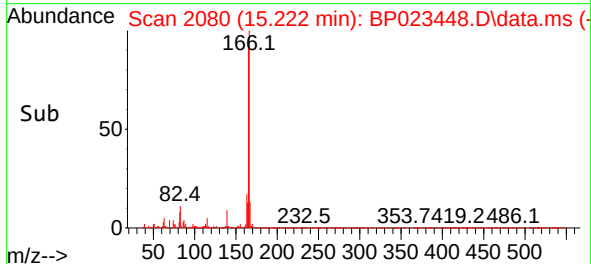
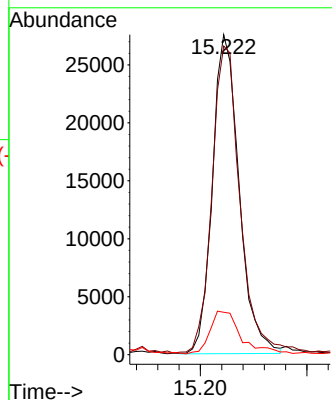
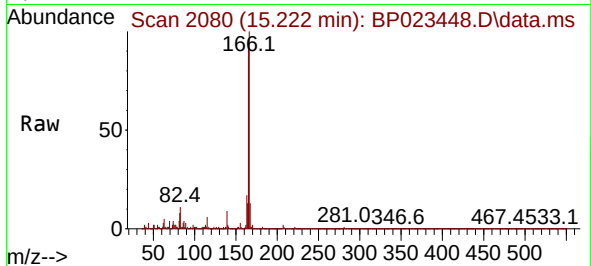
#61
Fluorene
Concen: 1.559 ng/ul
RT: 15.222 min Scan# 2080
Delta R.T. 0.006 min
Lab File: BP023448.D
Acq: 17 Dec 2024 00:33

Instrument :
BNA_P
ClientSampleId :
C0AR0

Tgt Ion:166 Resp: 47878
Ion Ratio Lower Upper
166 100
165 96.4 78.5 117.7
167 13.3 11.1 16.7

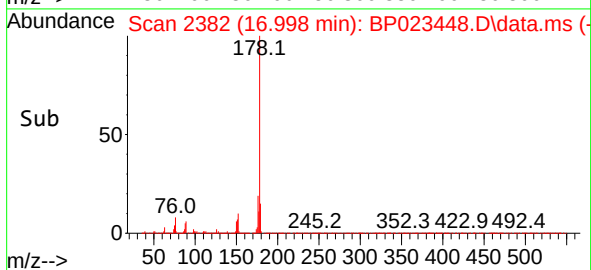
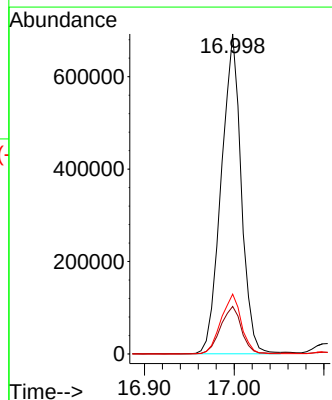
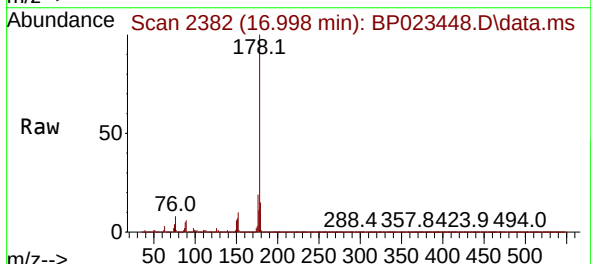
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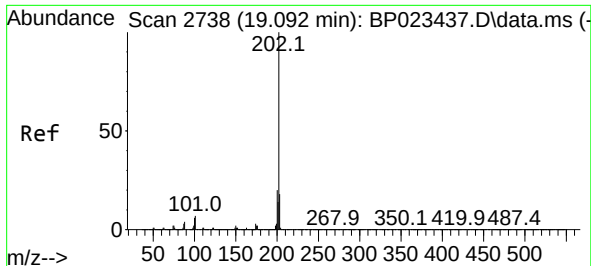
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/19/2024



#72
Phenanthrene
Concen: 25.701 ng/ul
RT: 16.998 min Scan# 2382
Delta R.T. -0.000 min
Lab File: BP023448.D
Acq: 17 Dec 2024 00:33

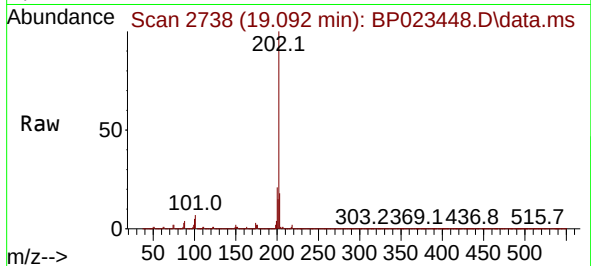
Tgt Ion:178 Resp: 1069973
Ion Ratio Lower Upper
178 100
179 14.8 12.1 18.1
176 18.7 15.4 23.0





#80
Fluoranthene
Concen: 44.135 ng/u1
RT: 19.092 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP023448.D
Acq: 17 Dec 2024 00:33

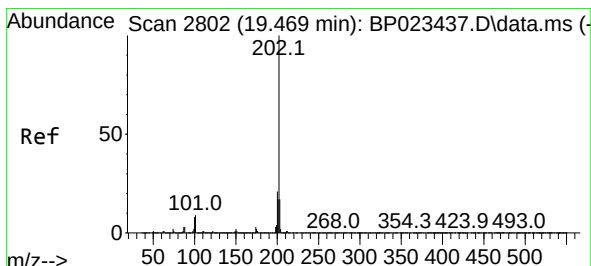
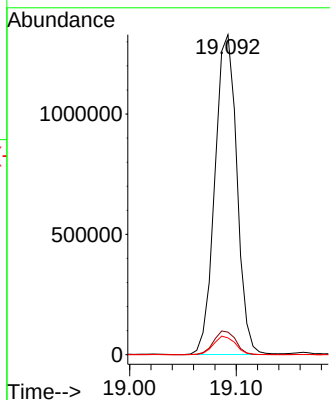
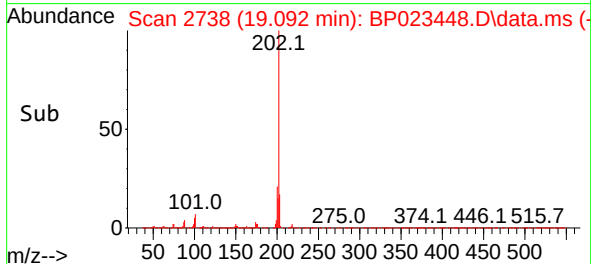
Instrument :
BNA_P
ClientSampleId :
C0AR0



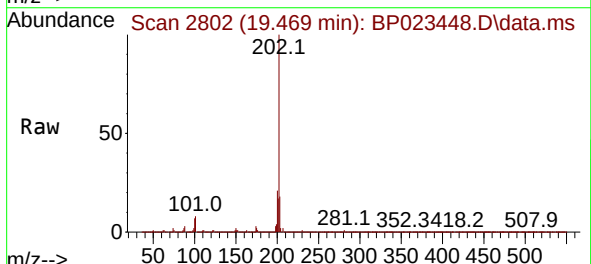
Tgt Ion:202 Resp: 1906630
Ion Ratio Lower Upper
202 100
101 7.1 5.6 8.4
100 5.2 4.6 7.0

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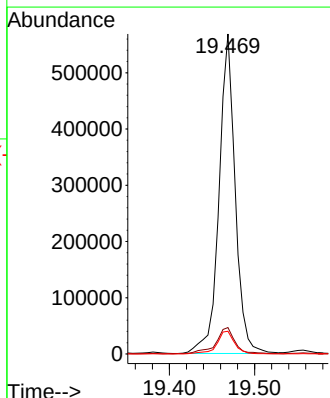
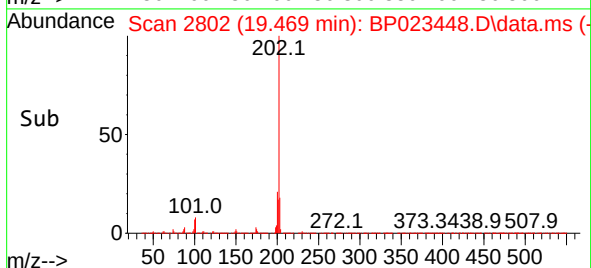
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/19/2024

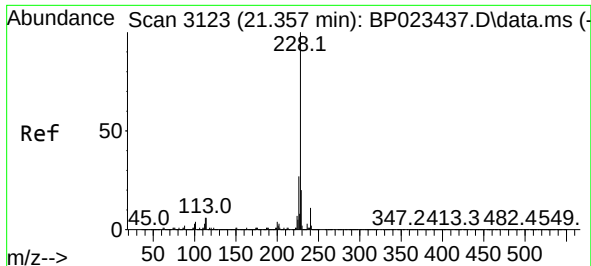


#82
Pyrene
Concen: 16.399 ng/u1
RT: 19.469 min Scan# 2802
Delta R.T. -0.006 min
Lab File: BP023448.D
Acq: 17 Dec 2024 00:33



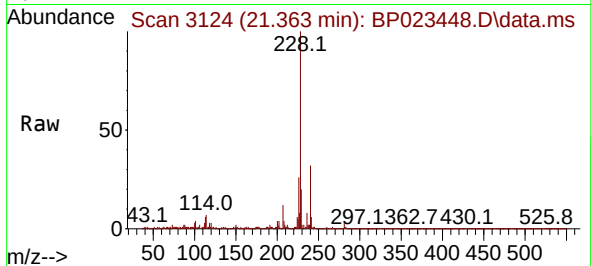
Tgt Ion:202 Resp: 751787
Ion Ratio Lower Upper
202 100
101 8.2 6.7 10.1
100 7.1 5.8 8.8





#85
Benzo(a)anthracene
Concen: 11.654 ng/ul
RT: 21.363 min Scan# 3123
Delta R.T. -0.006 min
Lab File: BP023448.D
Acq: 17 Dec 2024 00:33

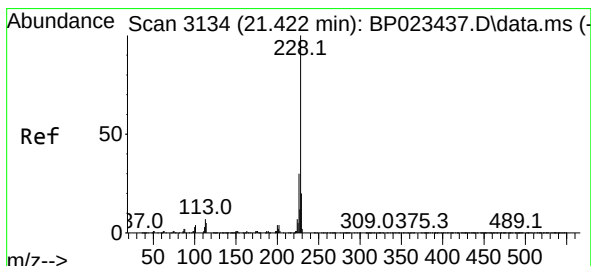
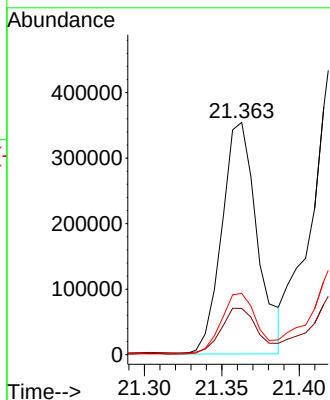
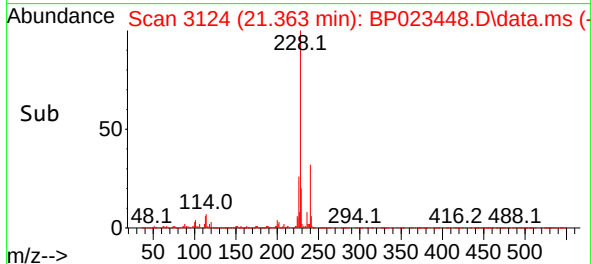
Instrument :
BNA_P
ClientSampleId :
C0AR0



Tgt Ion:228 Resp: 563929
Ion Ratio Lower Upper
228 100
229 19.9 15.7 23.5
226 26.4 21.6 32.4

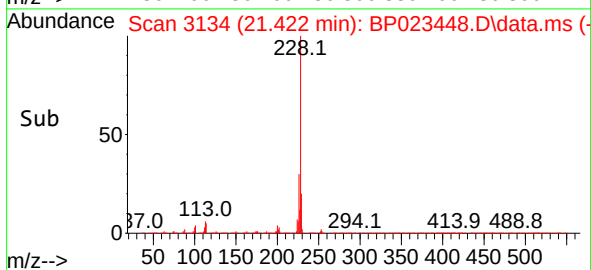
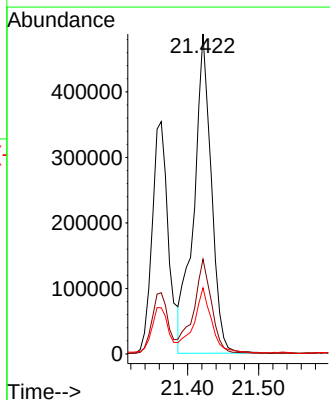
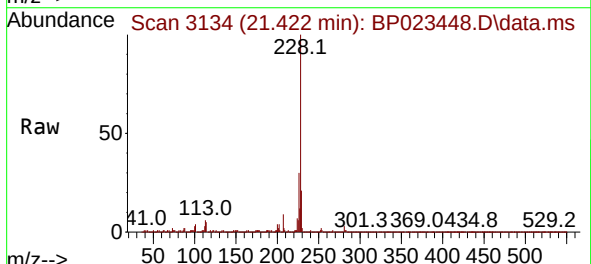
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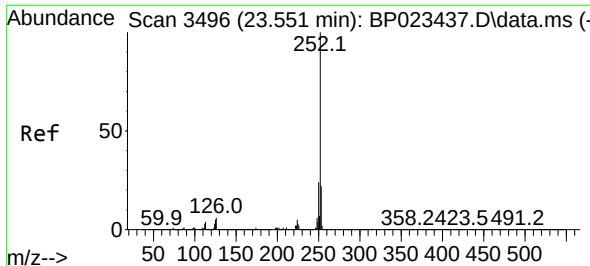
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/19/2024



#87
Chrysene
Concen: 18.024 ng/ul
RT: 21.422 min Scan# 3134
Delta R.T. -0.018 min
Lab File: BP023448.D
Acq: 17 Dec 2024 00:33

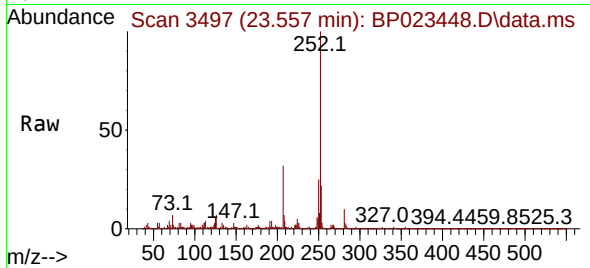
Tgt Ion:228 Resp: 835828
Ion Ratio Lower Upper
228 100
226 29.6 24.2 36.2
229 20.7 15.6 23.4





#90
Benzo(b)fluoranthene
Concen: 7.592 ng/ul
RT: 23.557 min Scan# 3496
Delta R.T. 0.000 min
Lab File: BP023448.D
Acq: 17 Dec 2024 00:33

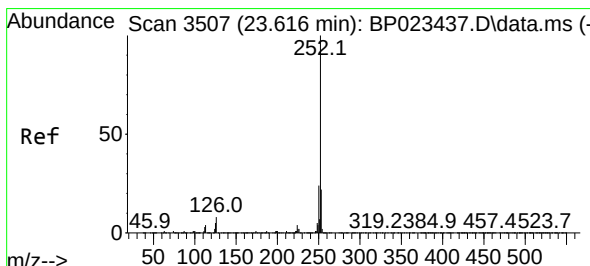
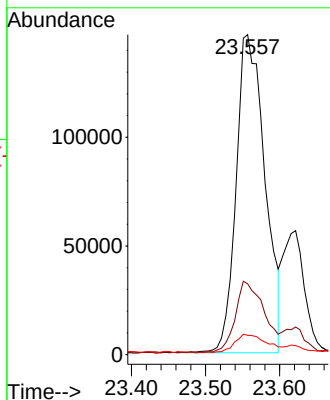
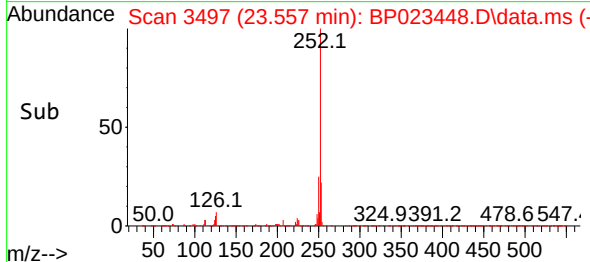
Instrument :
BNA_P
ClientSampleId :
COAR0



Tgt Ion:252 Resp: 39523
Ion Ratio Lower Upper
252 100
253 22.2 17.3 25.9
125 6.1 4.4 6.6

Manual Integrations
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#91
Benzo(k)fluoranthene
Concen: 2.237 ng/ul m
RT: 23.621 min Scan# 3508
Delta R.T. 0.000 min
Lab File: BP023448.D
Acq: 17 Dec 2024 00:33

Tgt Ion:252 Resp: 115874
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 7.4 4.3 6.5#

