

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101624\
 Data File : BP022442.D
 Acq On : 17 Oct 2024 11:55
 Operator : RC/JU
 Sample : P4284-13
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4EW3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/18/2024
 Supervised By :mohammad ahmed 10/18/2024

Quant Time: Oct 18 01:39:39 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 17 05:42:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.611	152	142016	20.000	ng/u1	-0.05
20) Naphthalene-d8	10.375	136	585645	20.000	ng/u1	-0.05
38) Acenaphthene-d10	14.251	164	463498	20.000	ng/u1	-0.02
64) Phenanthrene-d10	17.063	188	1126052	20.000	ng/u1	-0.01
79) Chrysene-d12	21.522	240	1257411	20.000	ng/u1	0.00
88) Perylene-d12	24.804	264	1484116	20.000	ng/u1	0.02

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.170	96	3518m	0.963	ng/uL	-0.03
4) Pyridine-d5	3.587	84	17026	1.697	ng/u1	-0.02
7) Phenol-d5	6.799	99	117225	9.806	ng/u1	-0.06
9) Bis-(2-Chloroethyl)eth...	6.946	67	71209	10.135	ng/u1	-0.06
11) 2-Chlorophenol-d4	7.152	132	92520	10.907	ng/u1	-0.06
15) 4-Methylphenol-d8	8.316	113	65364	6.851	ng/u1	-0.05
21) Nitrobenzene-d5	8.752	128	49331m	10.955	ng/u1	-0.05
24) 2-Nitrophenol-d4	9.463	143	57705	11.069	ng/u1	-0.06
28) 2,4-Dichlorophenol-d3	10.005	165	117301	10.586	ng/u1	-0.05
31) 4-Chloroaniline-d4	10.522	131	22405m	1.711	ng/u1	-0.04
46) Dimethylphthalate-d6	13.657	166	414230	11.248	ng/u1	-0.02
49) Acenaphthylene-d8	13.940	160	416214	10.641	ng/u1	-0.02
54) 4-Nitrophenol-d4	14.487	143	50673	8.202	ng/u1	-0.02
60) Fluorene-d10	15.263	176	362298	11.342	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.404	200	56125	7.578	ng/u1	-0.02
73) Anthracene-d10	17.181	188	581341	10.974	ng/u1	0.00
81) Pyrene-d10	19.557	212	689575	10.370	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.557	264	646258	8.154	ng/u1	0.00

Target Compounds						Qvalue
72) Phenanthrene	17.110	178	190788	3.167	ng/u1	99
80) Fluoranthene	19.210	202	349207	4.568	ng/u1	98
82) Pyrene	19.586	202	195223	2.383	ng/u1	99
85) Benzo(a)anthracene	21.504	228	142267	1.614	ng/u1	97
87) Chrysene	21.569	228	143664	1.758	ng/u1	97
90) Benzo(b)fluoranthene	23.763	252	182186	1.950	ng/u1	98

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

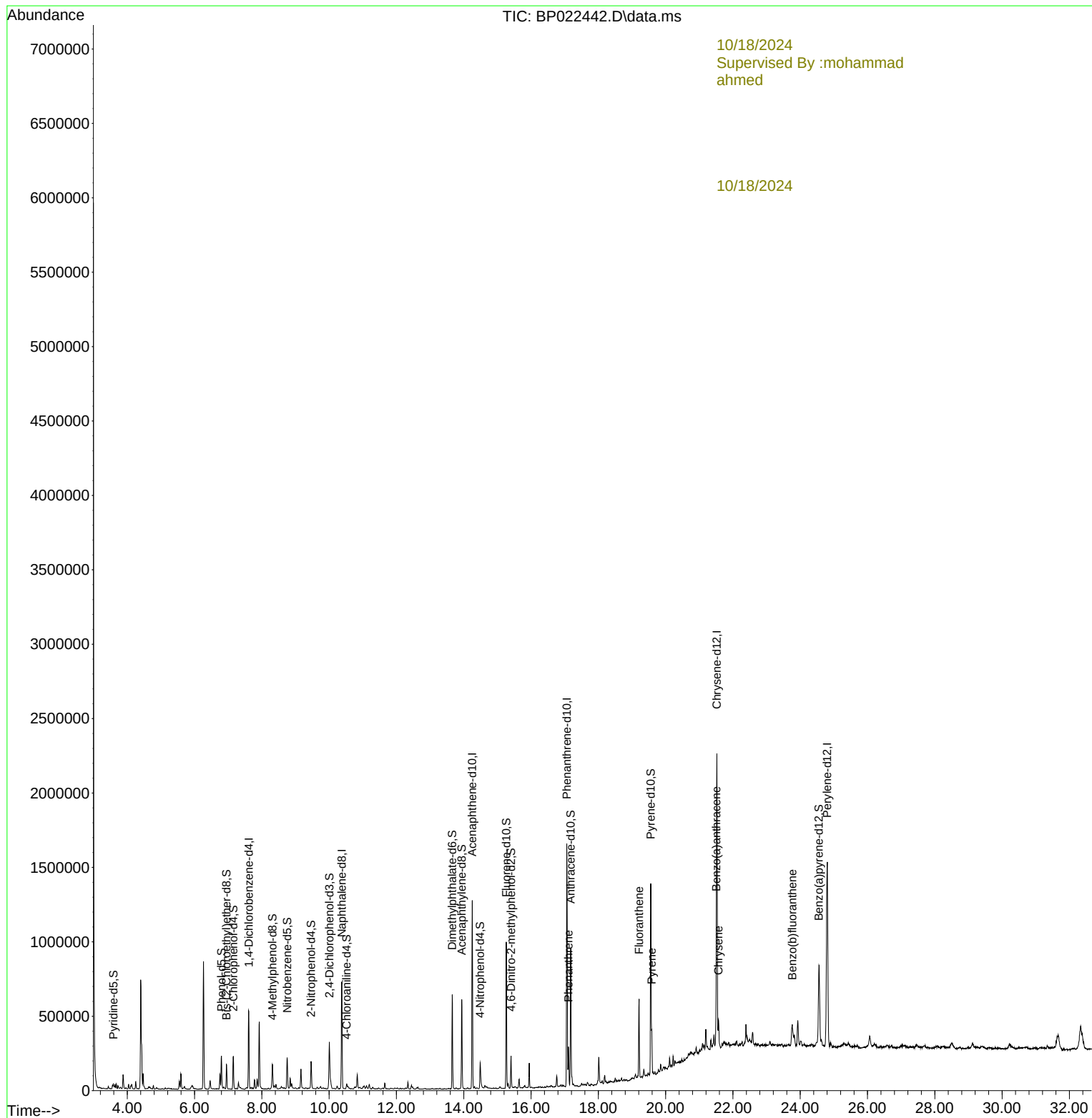
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101624\
Data File : BP022442.D
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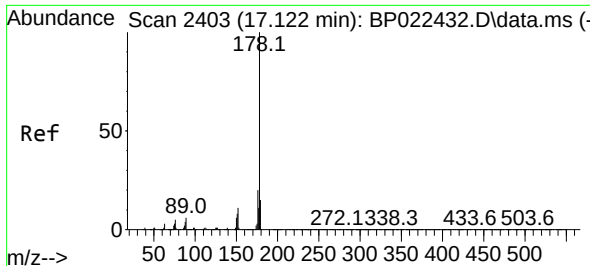
Instrument :
BNA_P
ClientSampleId :
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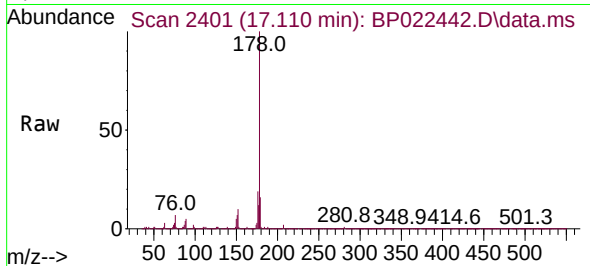
Quant Time: Oct 18 01:39:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 17 05:42:26 2024
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#72
Phenanthrene
Concen: 3.167 ng/ul
RT: 17.110 min Scan# 2403
Delta R.T. -0.012 min
Lab File: BP022442.D
Acq: 17 Oct 2024 11:55

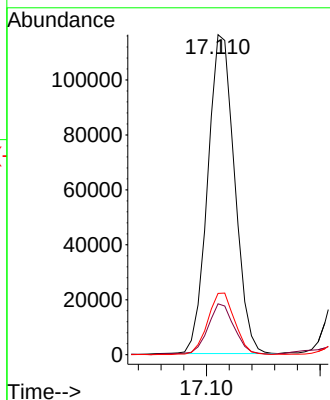
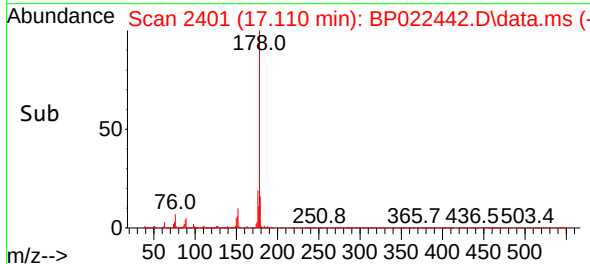
Instrument :
BNA_P
ClientSampleId :
A4EW3



Tgt Ion:178 Resp: 190788
Ion Ratio Lower Upper
178 100
179 15.9 12.2 18.4
176 19.1 15.7 23.5

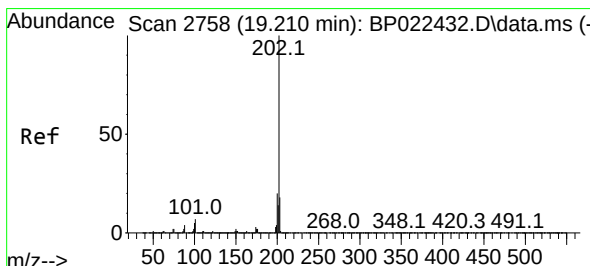
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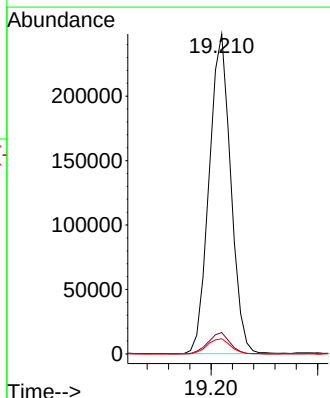
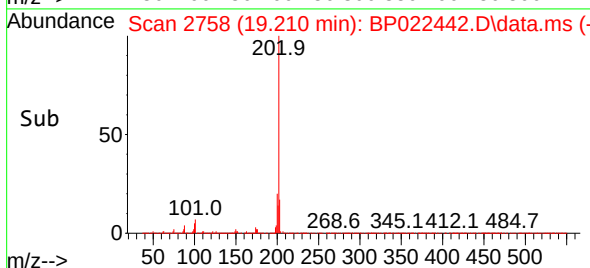
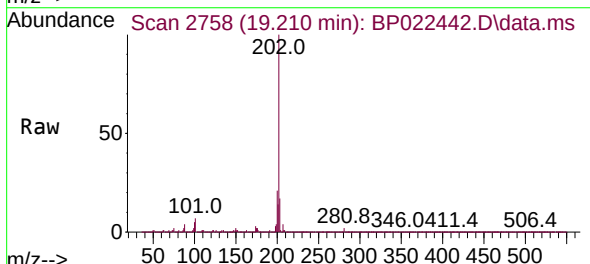
10/18/2024
Supervised By :mohammad
ahmed

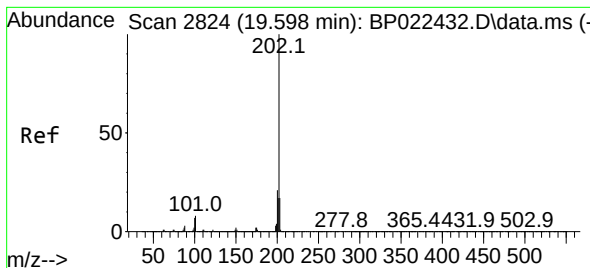
10/18/2024



#80
Fluoranthene
Concen: 4.568 ng/ul
RT: 19.210 min Scan# 2758
Delta R.T. 0.000 min
Lab File: BP022442.D
Acq: 17 Oct 2024 11:55

Tgt Ion:202 Resp: 349207
Ion Ratio Lower Upper
202 100
101 6.7 5.8 8.8
100 4.7 4.5 6.7





#82

Pyrene

Concen: 2.383 ng/ul

RT: 19.586 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP022442.D

Acq: 17 Oct 2024 11:55

Instrument :

BNA_P

ClientSampleId :

A4EW3

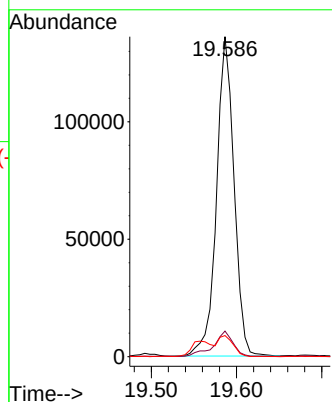
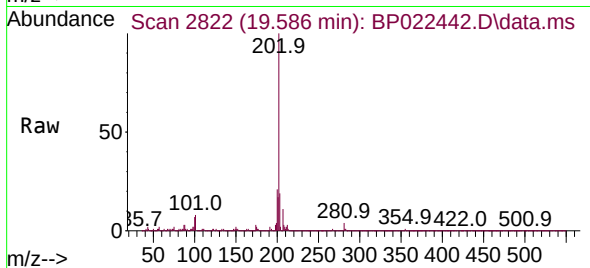
Tgt Ion:	202	Resp:	19522
Ion Ratio	Lower	Upper	
202	100		
101	8.0	6.7	10.1
100	6.6	5.8	8.6

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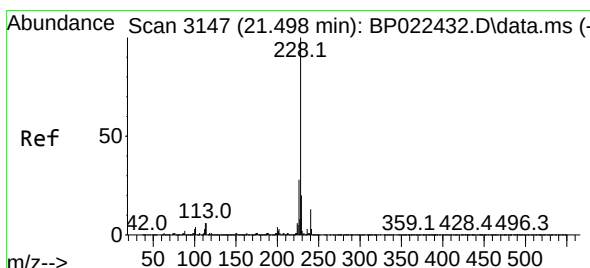
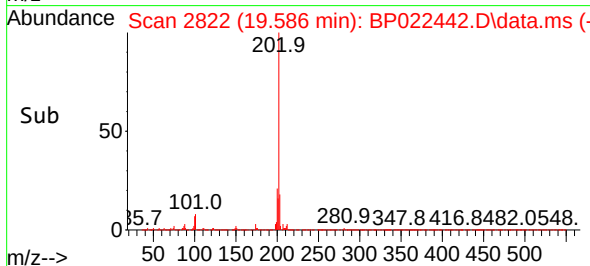
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#85

Benzo(a)anthracene

Concen: 1.614 ng/ul

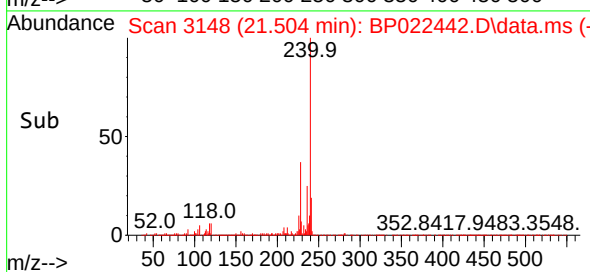
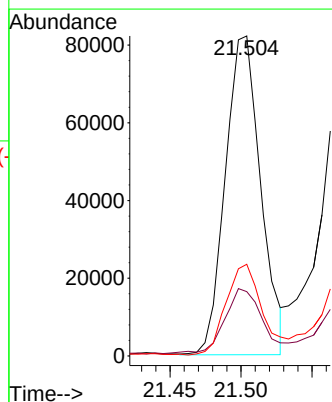
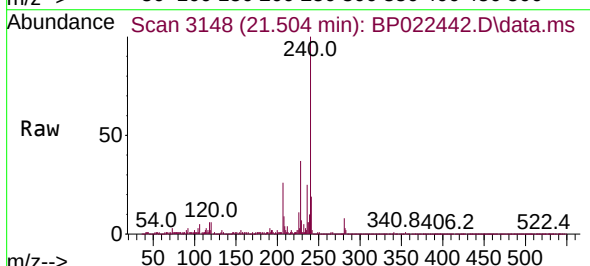
RT: 21.504 min Scan# 3148

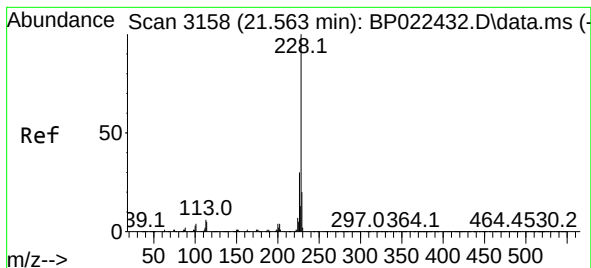
Delta R.T. 0.006 min

Lab File: BP022442.D

Acq: 17 Oct 2024 11:55

Tgt Ion:	228	Resp:	142267
Ion Ratio	Lower	Upper	
228	100		
229	20.1	15.4	23.0
226	28.6	21.5	32.3





#87

Chrysene

Concen: 1.758 ng/ul

RT: 21.569 min Scan# 3158

Delta R.T. 0.006 min

Lab File: BP022442.D

Acq: 17 Oct 2024 11:55

Instrument :

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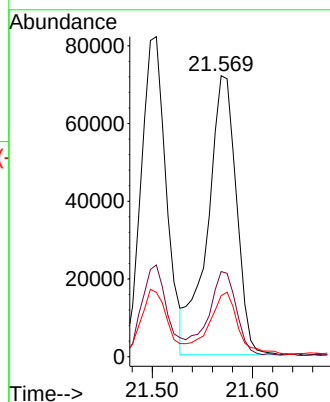
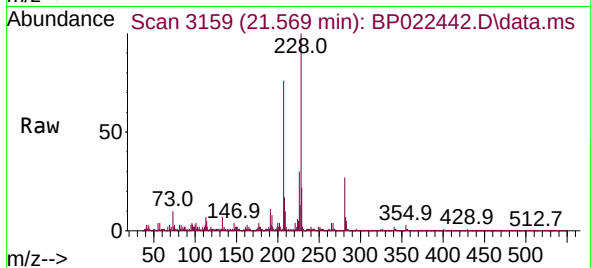
Tgt Ion:228	Resp: 143664
Ion Ratio	Lower Upper
228 100	
226 30.3	23.8 35.8
229 21.7	15.5 23.3

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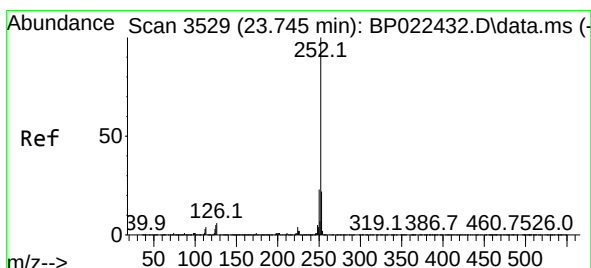
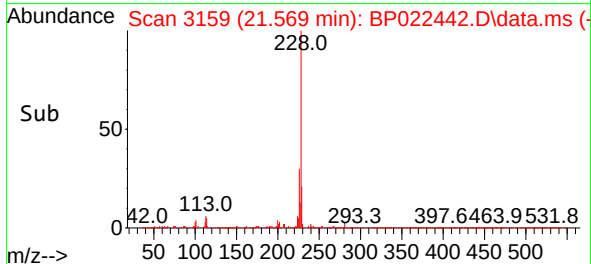
Supervised By :mohammad ahmed 10/18/2024



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Supervised By :mohammad ahmed

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#90

Benzo(b)fluoranthene

Concen: 1.950 ng/ul

RT: 23.763 min Scan# 3532

Delta R.T. 0.018 min

Lab File: BP022442.D

Acq: 17 Oct 2024 11:55

Tgt Ion:252	Resp: 182186
Ion Ratio	Lower Upper
252 100	
253 21.5	17.8 26.8
125 5.6	5.0 7.4

