

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102523\
 Data File : BP017811.D
 Acq On : 25 Oct 2023 20:24
 Operator : MA/JU
 Sample : 04953-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EOAS0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/27/2023
 Supervised By :mohammad ahmed 10/27/2023

Quant Time: Oct 26 05:38:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 19 01:32:15 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.881	152	120967	20.000	ng/u1	0.00
20) Naphthalene-d8	10.710	136	448525	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.575	164	249605	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.369	188	509791	20.000	ng/u1	0.00
79) Chrysene-d12	21.510	240	468862	20.000	ng/u1	0.00
88) Perylene-d12	24.063	264	502151	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.276	96	9002	2.768	ng/uL	0.02
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.046	99	140018	13.910	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.228	67	93889	15.103	ng/u1	0.00
11) 2-Chlorophenol-d4	7.405	132	121385	14.785	ng/u1	0.00
15) 4-Methylphenol-d8	8.605	113	91250	11.543	ng/u1	0.00
21) Nitrobenzene-d5	9.093	128	54638m	15.033	ng/u1	0.00
24) 2-Nitrophenol-d4	9.805	143	57896	14.417	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.334	165	100244	12.726	ng/u1	0.00
31) 4-Chloroaniline-d4	10.893	131	94198	9.138	ng/u1	0.00
46) Dimethylphthalate-d6	13.993	166	315290	15.047	ng/u1	-0.01
49) Acenaphthylene-d8	14.275	160	340426	14.568	ng/u1	0.00
54) 4-Nitrophenol-d4	14.840	143	21792m	7.299	ng/u1	0.01
60) Fluorene-d10	15.581	176	265120	14.637	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.734	200	28808	8.579	ng/u1	0.00
73) Anthracene-d10	17.469	188	382123	14.668	ng/u1	0.00
81) Pyrene-d10	19.728	212	478395	16.275	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.892	264	434909	15.550	ng/u1	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.746	105	35227	2.835	ng/u1	92
72) Phenanthrene	17.410	178	55913	1.872	ng/u1	98
80) Fluoranthene	19.398	202	131037	3.880	ng/u1	100
82) Pyrene	19.757	202	109723	3.066	ng/u1	99
85) Benzo(a)anthracene	21.492	228	56305	1.580	ng/u1	98
87) Chrysene	21.551	228	67943	2.016	ng/u1	98
90) Benzo(b)fluoranthene	23.275	252	77094	2.256	ng/u1	99
93) Benzo(a)pyrene	23.945	252	46396	1.446	ng/u1#	95

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

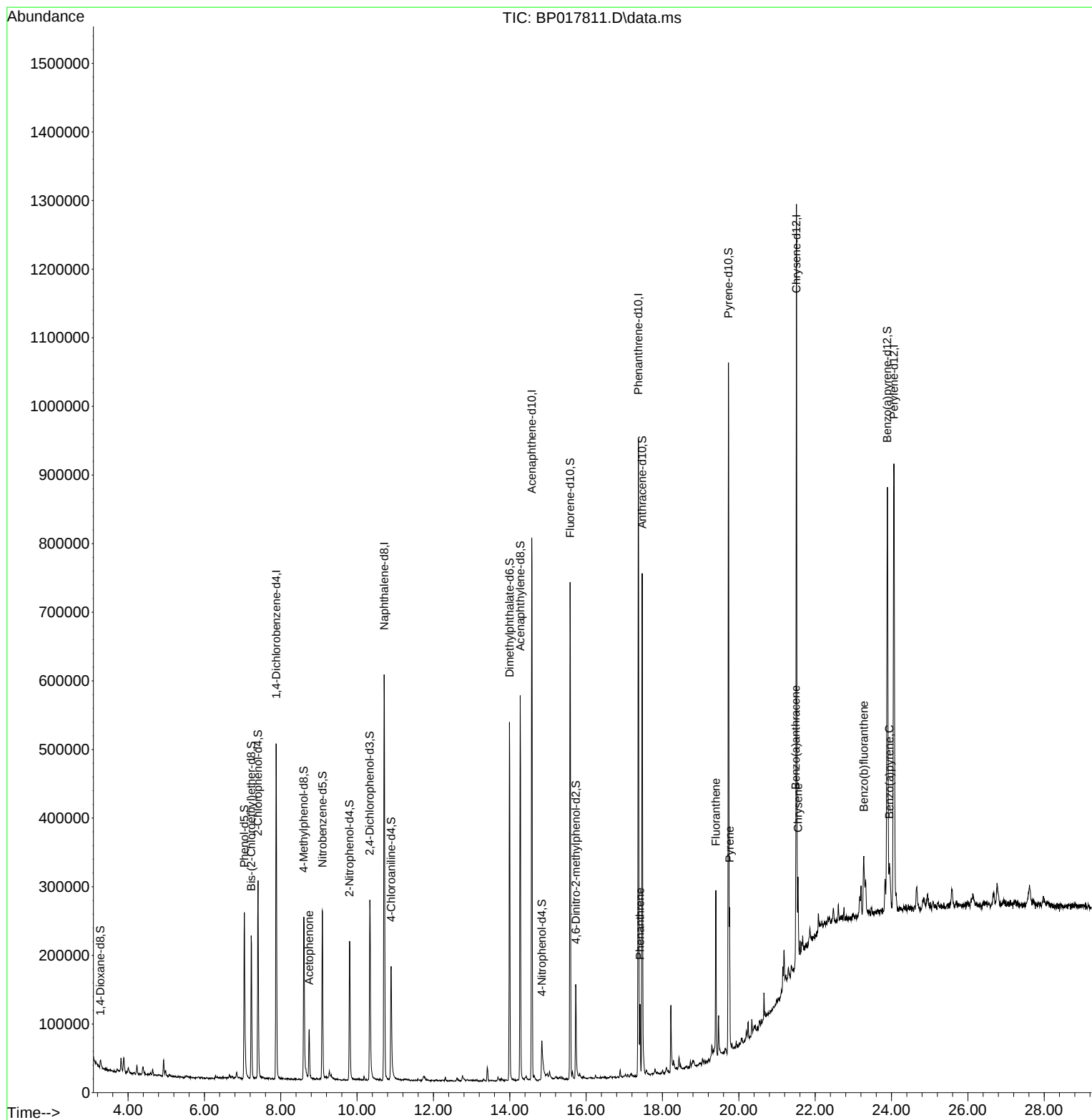
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102523\
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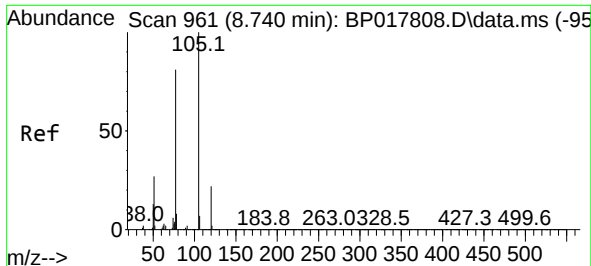
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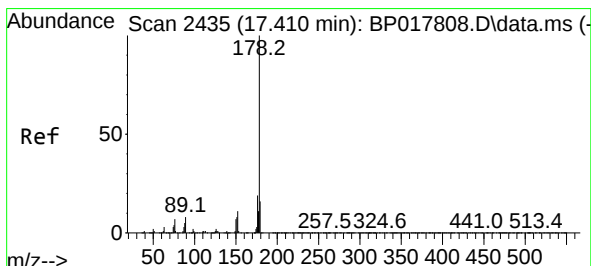
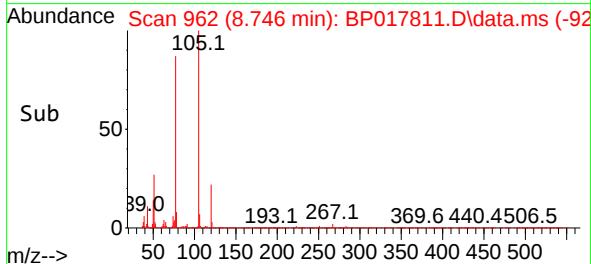
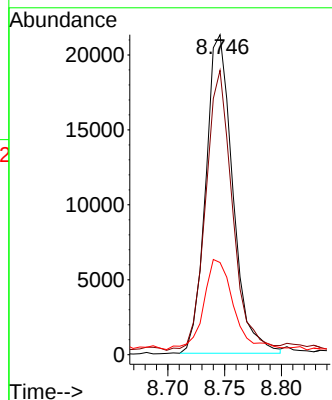
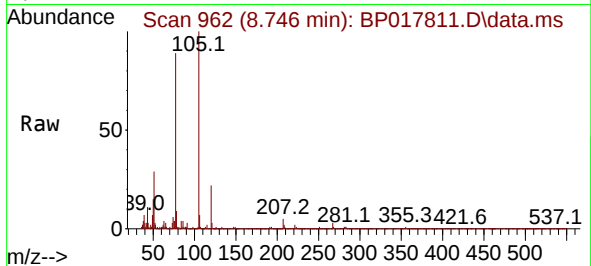
#16
Acetophenone
Concen: 2.835 ng/ul
RT: 8.746 min Scan# 961
Delta R.T. 0.000 min
Lab File: BP017811.D
Acq: 25 Oct 2023 20:24

Instrument :
BNA_P
ClientSampleId :
EOAS0

Tgt Ion:105 Resp: 3522
Ion Ratio Lower Upper
105 100
77 88.9 64.4 96.6
51 28.8 21.2 31.8

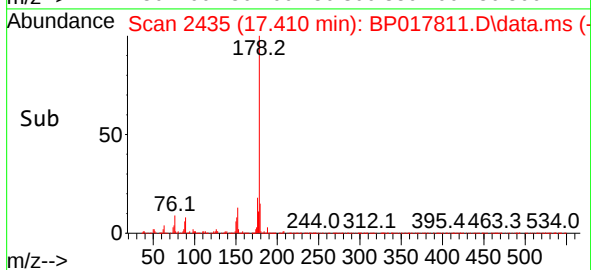
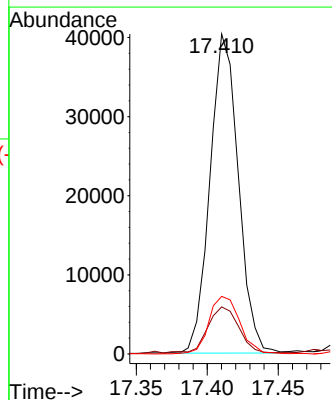
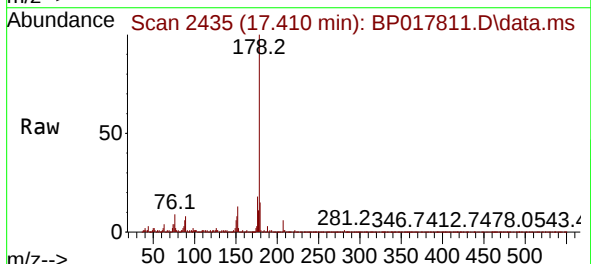
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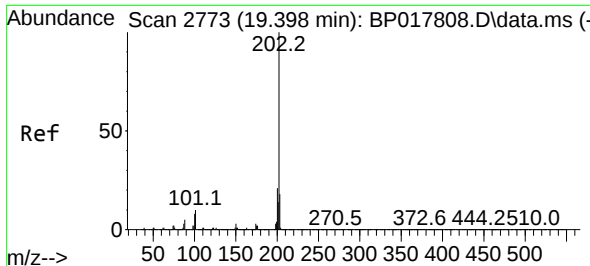
Reviewed By :Yogesh Patel 10/27/2023
Supervised By :mohammad ahmed 10/27/2023



#72
Phenanthrene
Concen: 1.872 ng/ul
RT: 17.410 min Scan# 2435
Delta R.T. -0.012 min
Lab File: BP017811.D
Acq: 25 Oct 2023 20:24

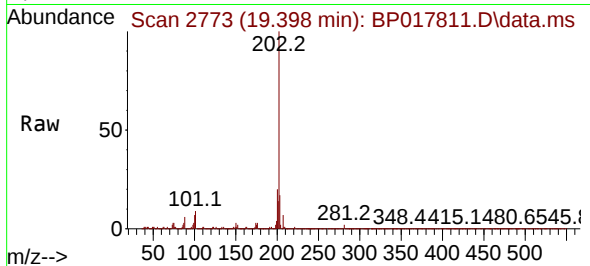
Tgt Ion:178 Resp: 55913
Ion Ratio Lower Upper
178 100
179 14.7 12.2 18.2
176 18.0 15.3 22.9





#80
Fluoranthene
Concen: 3.880 ng/u1
RT: 19.398 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP017811.D
Acq: 25 Oct 2023 20:24

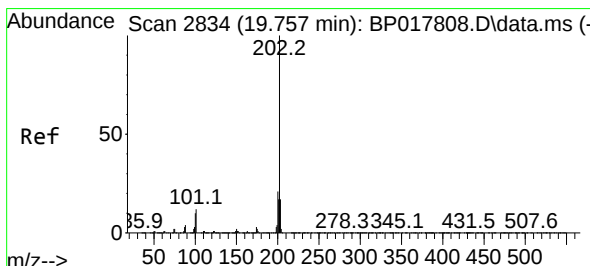
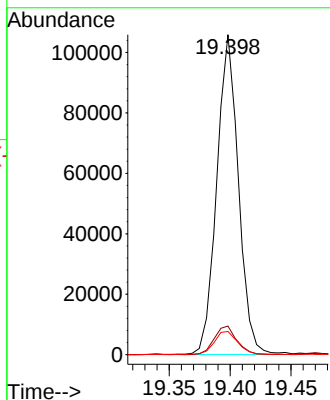
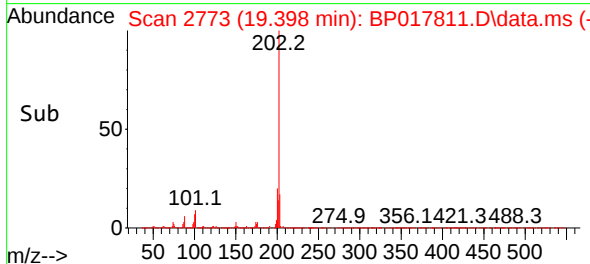
Instrument :
BNA_P
ClientSampleId :
EOAS0



Tgt Ion:202 Resp: 13103
Ion Ratio Lower Upper
202 100
101 9.0 7.1 10.7
100 7.3 5.7 8.5

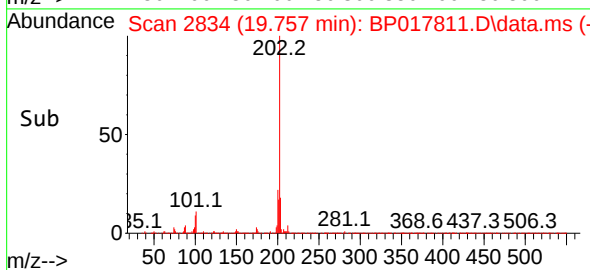
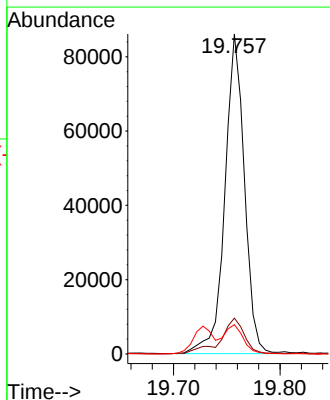
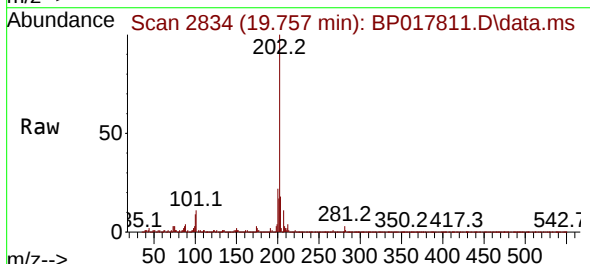
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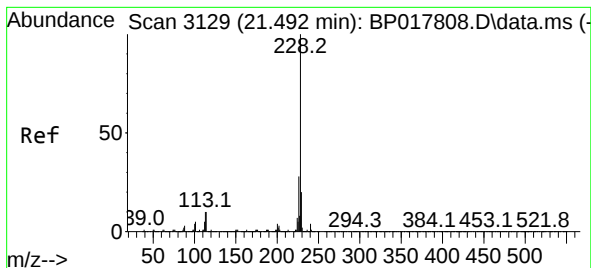
Reviewed By :Yogesh Patel 10/27/2023
Supervised By :mohammad ahmed 10/27/2023



#82
Pyrene
Concen: 3.066 ng/u1
RT: 19.757 min Scan# 2834
Delta R.T. -0.006 min
Lab File: BP017811.D
Acq: 25 Oct 2023 20:24

Tgt Ion:202 Resp: 109723
Ion Ratio Lower Upper
202 100
101 11.2 8.3 12.5
100 9.2 7.4 11.0





#85

Benzo(a)anthracene

Concen: 1.580 ng/ul

RT: 21.492 min Scan# 3129

Delta R.T. -0.006 min

Lab File: BP017811.D

Acq: 25 Oct 2023 20:24

Instrument :

BNA_P

ClientSampleId :

EOAS0

Tgt Ion:228 Resp: 5630

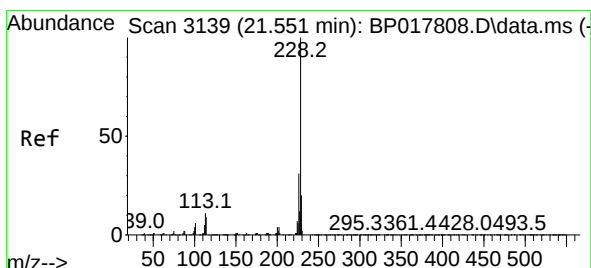
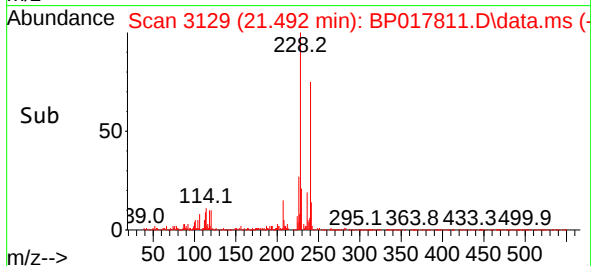
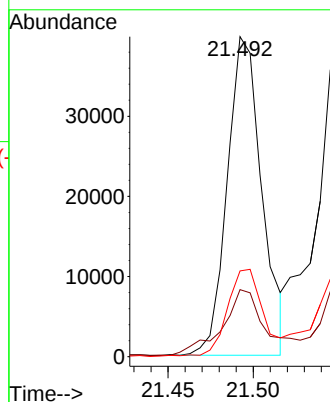
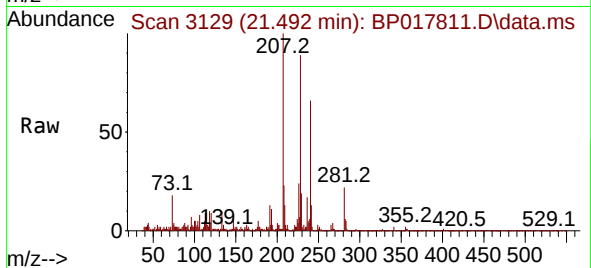
Ion	Ratio	Lower	Upper
228	100		
229	20.9	15.6	23.4
226	26.8	21.1	31.7

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#87

Chrysene

Concen: 2.016 ng/ul

RT: 21.551 min Scan# 3139

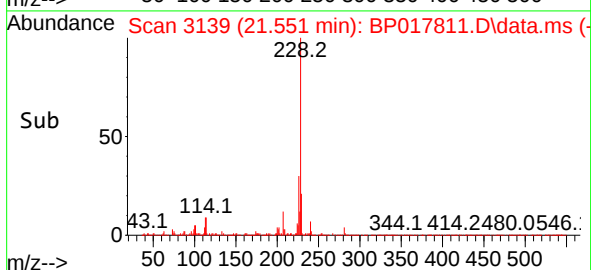
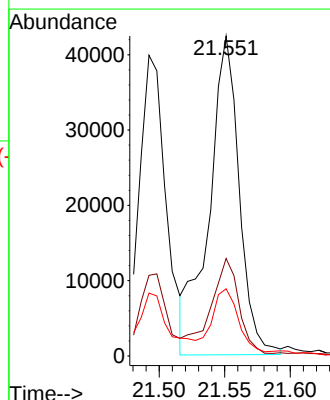
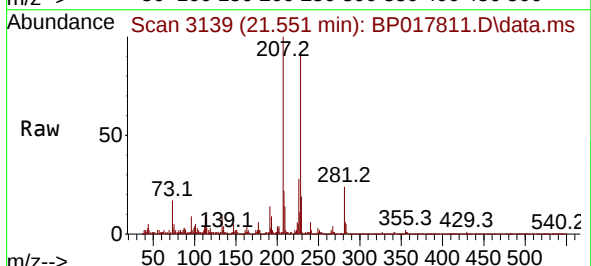
Delta R.T. -0.006 min

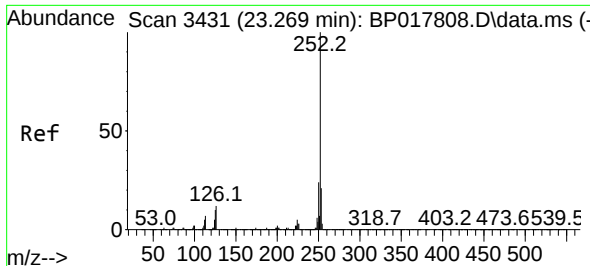
Lab File: BP017811.D

Acq: 25 Oct 2023 20:24

Tgt Ion:228 Resp: 67943

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.0	36.0
229	21.0	15.5	23.3





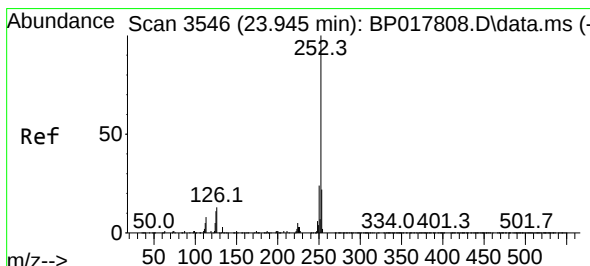
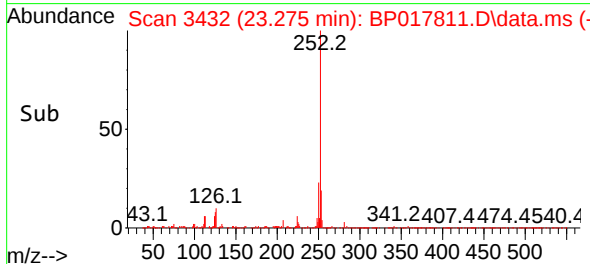
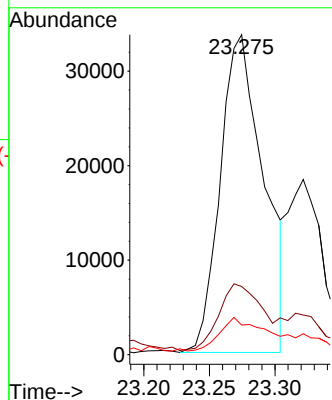
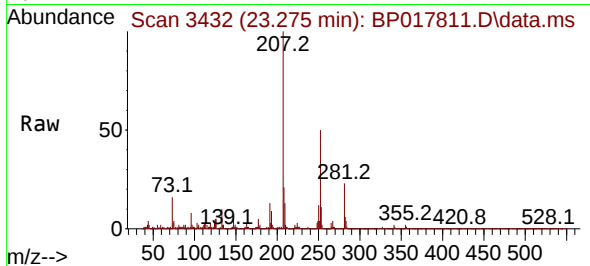
#90
Benzo(b)fluoranthene
Concen: 2.256 ng/u1
RT: 23.275 min Scan# 3431
Delta R.T. 0.000 min
Lab File: BP017811.D
Acq: 25 Oct 2023 20:24

Instrument :
BNA_P
ClientSampleId :
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Tgt Ion:252 Resp: 77094
Ion Ratio Lower Upper
252 100
253 21.3 17.4 26.0
125 9.2 7.1 10.7

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Supervised By :mohammad ahmed 10/27/2023



#93
Benzo(a)pyrene
Concen: 1.446 ng/u1
RT: 23.945 min Scan# 3546
Delta R.T. -0.012 min
Lab File: BP017811.D
Acq: 25 Oct 2023 20:24

Tgt Ion:252 Resp: 46396
Ion Ratio Lower Upper
252 100
253 22.8 17.4 26.2
125 13.3 7.8 11.6#

