

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101824\
 Data File : BP022455.D
 Acq On : 18 Oct 2024 11:26
 Operator : RC/JU
 Sample : P4346-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EOAW4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/21/2024
 Supervised By :mohammad ahmed 10/21/2024

Quant Time: Oct 18 12:15:45 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 18 11:08:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.664	152	113081	20.000	ng/u1	0.00
20) Naphthalene-d8	10.416	136	445315	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.269	164	330847	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.081	188	689448	20.000	ng/u1	0.00
79) Chrysene-d12	21.510	240	633297	20.000	ng/u1	0.01
88) Perylene-d12	24.768	264	841017	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	10382	3.568	ng/uL	0.00
4) Pyridine-d5	3.605	84	139961	17.520	ng/u1	0.00
7) Phenol-d5	6.852	99	187194	19.666	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.005	67	113745	20.331	ng/u1	0.00
11) 2-Chlorophenol-d4	7.205	132	145676	21.568	ng/u1	0.00
15) 4-Methylphenol-d8	8.363	113	160804	21.168	ng/u1	0.00
21) Nitrobenzene-d5	8.805	128	73170	21.370	ng/u1	0.00
24) 2-Nitrophenol-d4	9.516	143	90019	22.708	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.052	165	181496	21.542	ng/u1	0.00
31) 4-Chloroaniline-d4	10.563	131	193587	19.445	ng/u1	0.00
46) Dimethylphthalate-d6	13.687	166	594490	22.616	ng/u1	0.00
49) Acenaphthylene-d8	13.963	160	623252	22.323	ng/u1	0.00
54) 4-Nitrophenol-d4	14.504	143	35762	8.109	ng/u1	0.00
60) Fluorene-d10	15.281	176	498113	21.847	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.434	200	42832	9.446	ng/u1	0.02
73) Anthracene-d10	17.181	188	740638	22.836	ng/u1	0.01
81) Pyrene-d10	19.551	212	788987	23.559	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.539	264	1037212	23.093	ng/u1	0.01
Target Compounds						Qvalue
72) Phenanthrene	17.122	178	57683	1.564	ng/u1	99
80) Fluoranthene	19.204	202	127280	3.306	ng/u1#	96
82) Pyrene	19.581	202	107422	2.603	ng/u1#	97
85) Benzo(a)anthracene	21.486	228	80051	1.803	ng/u1	97
87) Chrysene	21.557	228	131212	3.187	ng/u1	97
90) Benzo(b)fluoranthene	23.739	252	110796	2.093	ng/u1	96
93) Benzo(a)pyrene	24.604	252	82326	1.690	ng/u1	92
96) Benzo(g,h,i)perylene	29.598	276	62588m	1.238	ng/u1	

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

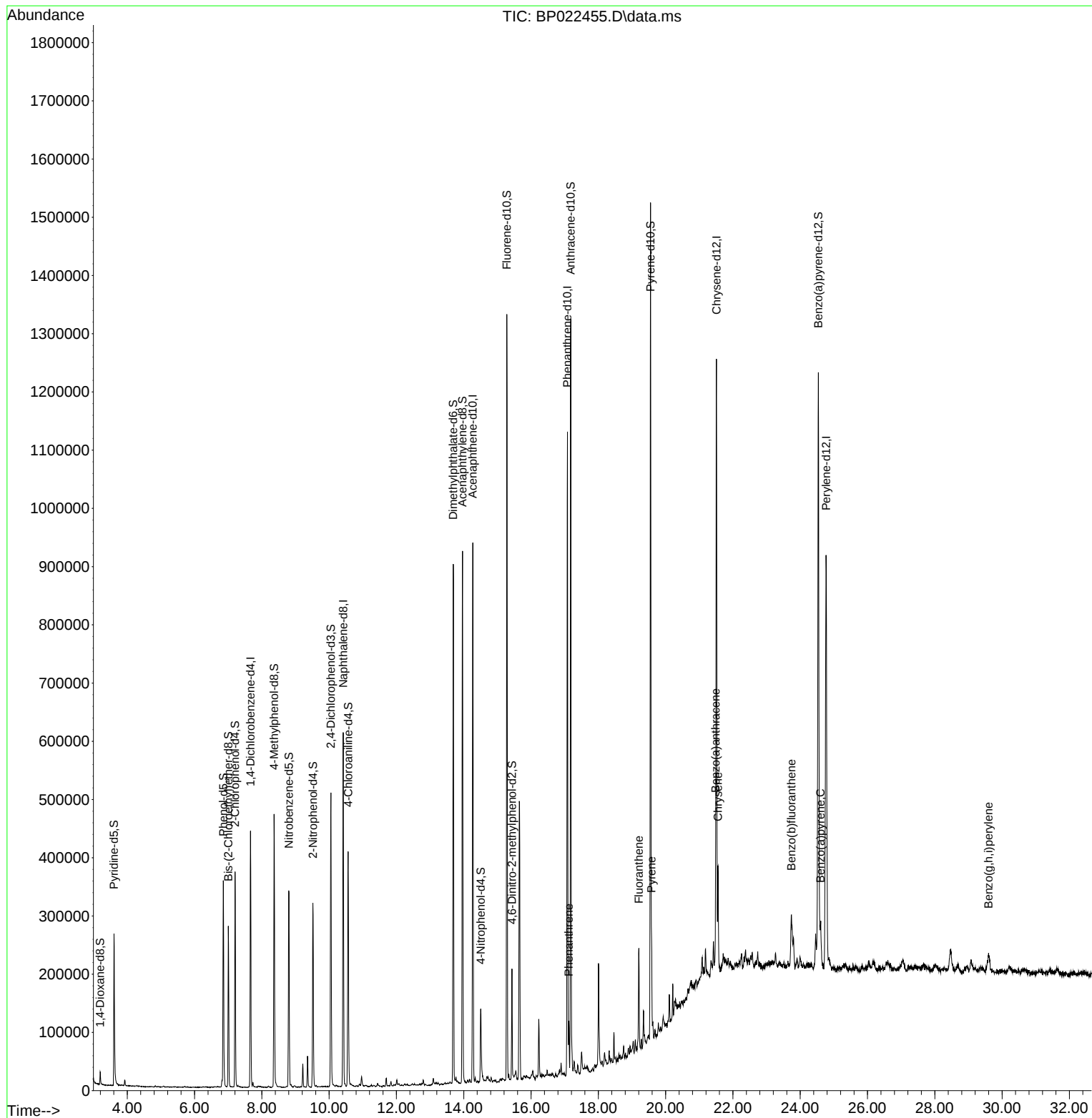
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101824\
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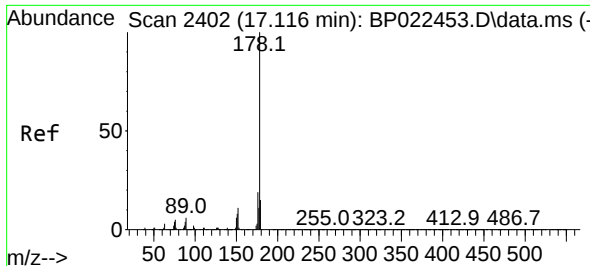
Instrument :
BNA_P
ClientSampleId :
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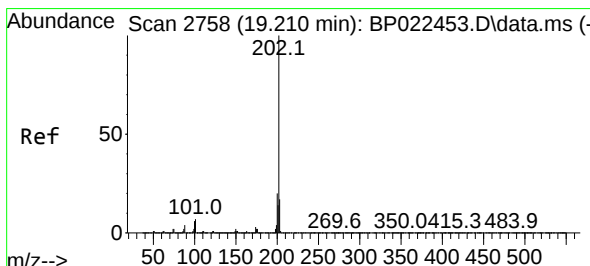
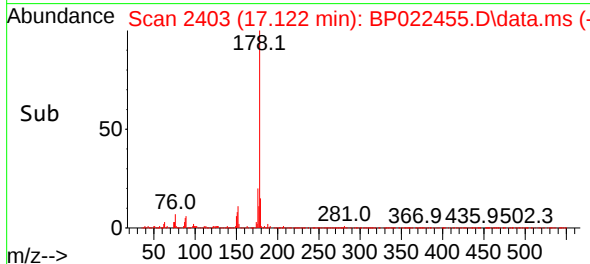
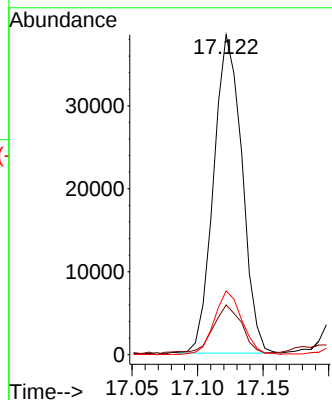
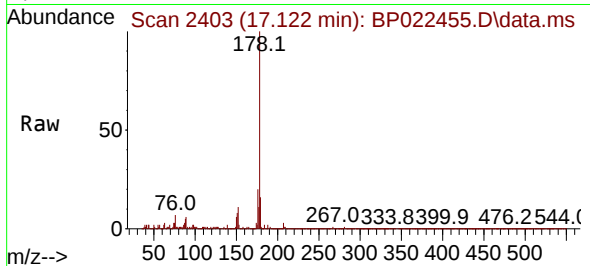
#72
Phenanthrene
Concen: 1.564 ng/ul
RT: 17.122 min Scan# 2402
Delta R.T. 0.006 min
Lab File: BP022455.D
Acq: 18 Oct 2024 11:26

Instrument :
BNA_P
ClientSampleId :
EOAW4

Tgt Ion:178 Resp: 5768
Ion Ratio Lower Upper
178 100
179 15.5 12.2 18.4
176 19.9 15.7 23.5

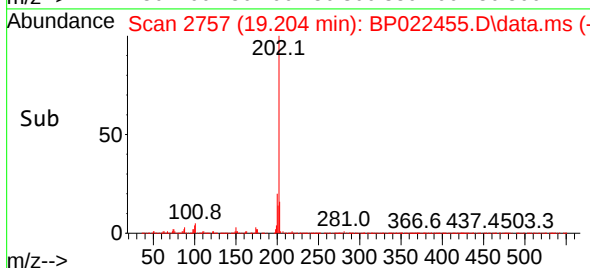
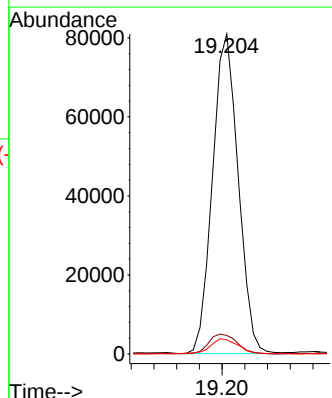
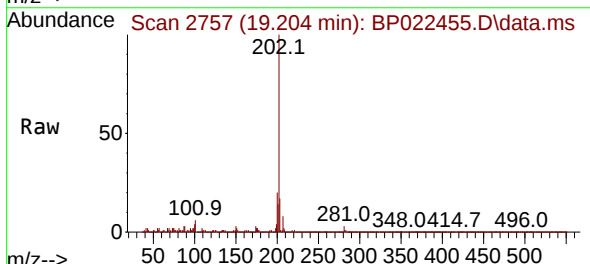
Manual Integrations
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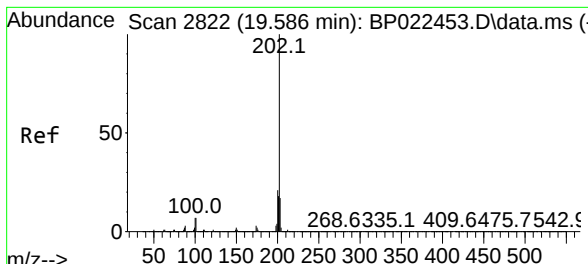
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#80
Fluoranthene
Concen: 3.306 ng/ul
RT: 19.204 min Scan# 2757
Delta R.T. -0.005 min
Lab File: BP022455.D
Acq: 18 Oct 2024 11:26

Tgt Ion:202 Resp: 127280
Ion Ratio Lower Upper
202 100
101 5.8 5.8 8.8#
100 4.4 4.5 6.7#





#82
 Pyrene
 Concen: 2.603 ng/u1
 RT: 19.581 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BP022455.D
 Acq: 18 Oct 2024 11:26

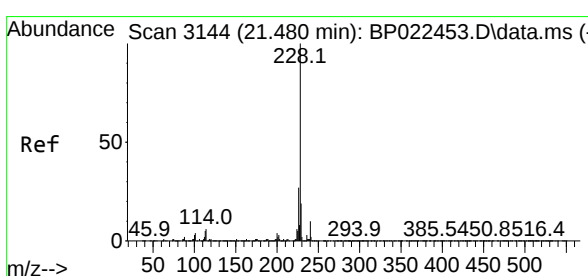
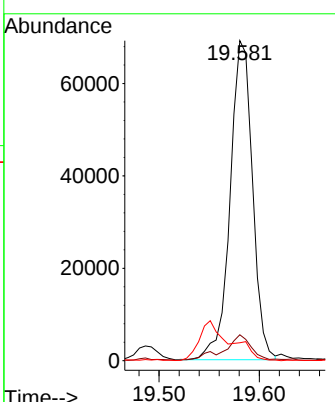
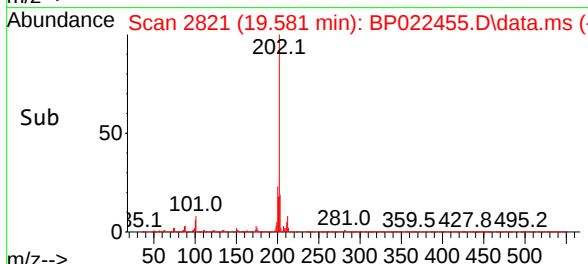
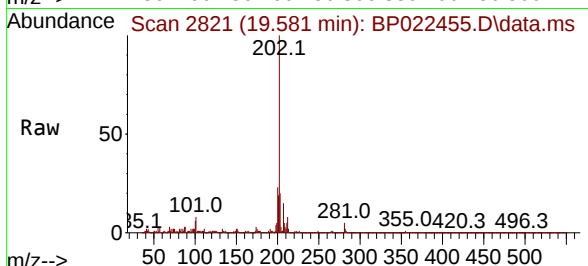
Instrument : BNA_P
 ClientSampleId : EOW4

Tgt Ion: 202 Resp: 10742

Ion	Ratio	Lower	Upper
202	100		
101	8.1	6.7	10.1
100	5.6	5.8	8.6

Manual Integrations
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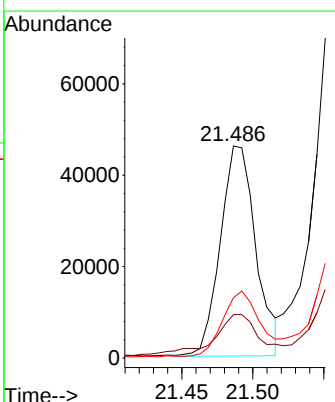
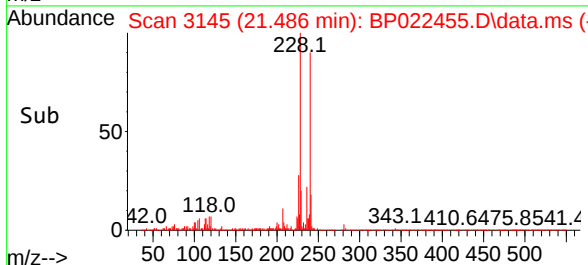
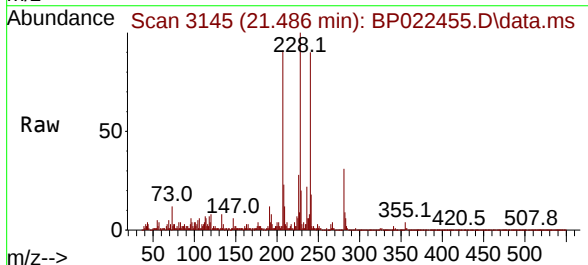
Reviewed By :Yogesh Patel 10/21/2024
 Supervised By :mohammad ahmed 10/21/2024

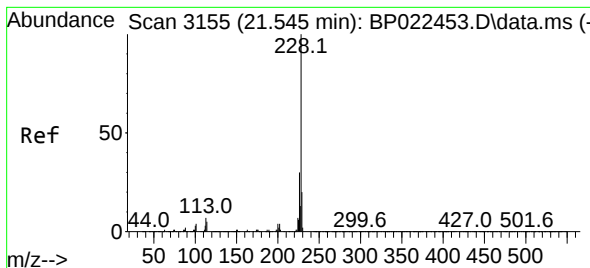


#85
 Benzo(a)anthracene
 Concen: 1.803 ng/u1
 RT: 21.486 min Scan# 3145
 Delta R.T. 0.006 min
 Lab File: BP022455.D
 Acq: 18 Oct 2024 11:26

Tgt Ion: 228 Resp: 80051

Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.4	23.0
226	28.4	21.5	32.3





#87

Chrysene

Concen: 3.187 ng/ul

RT: 21.557 min Scan# 3155

Delta R.T. 0.012 min

Lab File: BP022455.D

Acq: 18 Oct 2024 11:26

Instrument :

BNA_P

ClientSampleId :

EOAW4

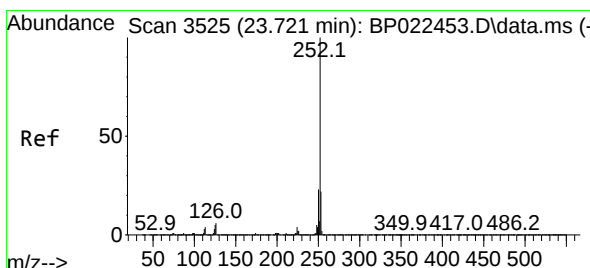
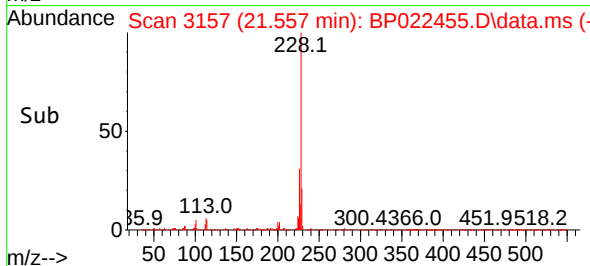
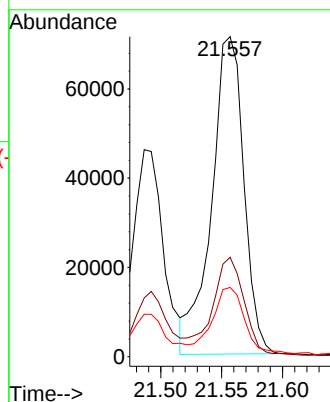
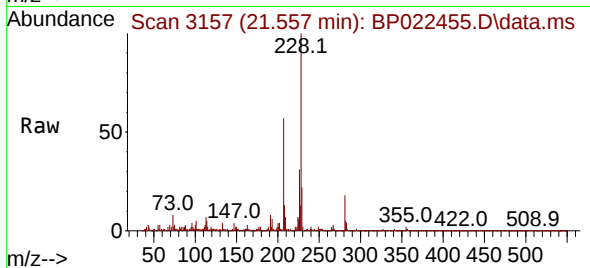
Tgt Ion:	228	Resp:	13121
Ion Ratio	Lower	Upper	
228	100		
226	31.0	23.8	35.8
229	21.6	15.5	23.3

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#90

Benzo(b)fluoranthene

Concen: 2.093 ng/ul

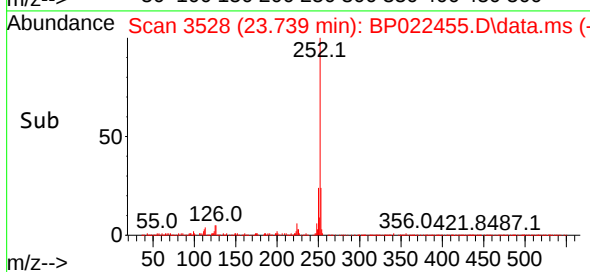
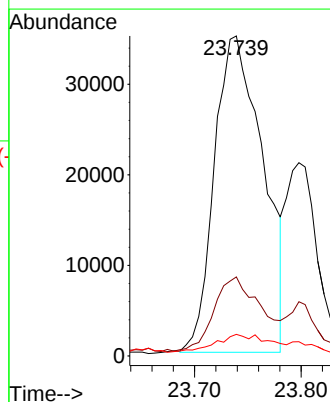
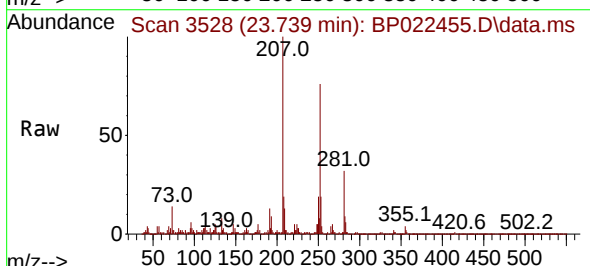
RT: 23.739 min Scan# 3528

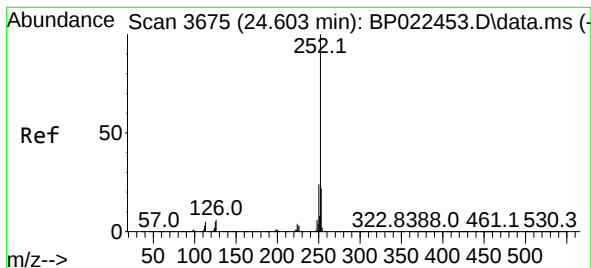
Delta R.T. 0.018 min

Lab File: BP022455.D

Acq: 18 Oct 2024 11:26

Tgt Ion:	252	Resp:	110796
Ion Ratio	Lower	Upper	
252	100		
253	24.7	17.8	26.8
125	6.8	5.0	7.4





#93

Benzo(a)pyrene

Concen: 1.690 ng/ul

RT: 24.604 min Scan# 30

Delta R.T. 0.000 min

Lab File: BP022455.D

Acq: 18 Oct 2024 11:26

Instrument :

BNA_P

ClientSampleId :

EOAW4

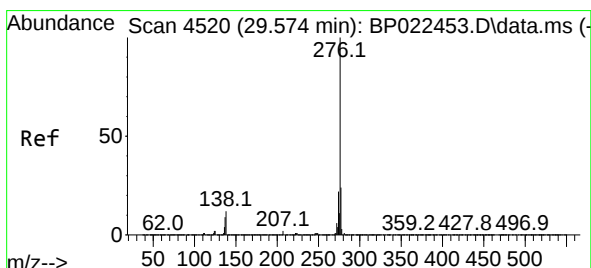
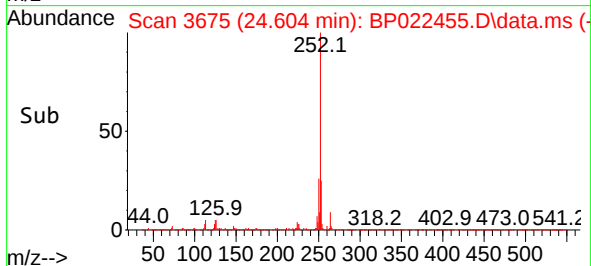
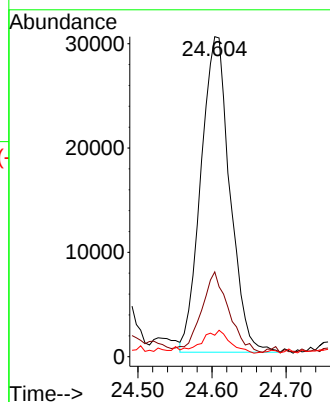
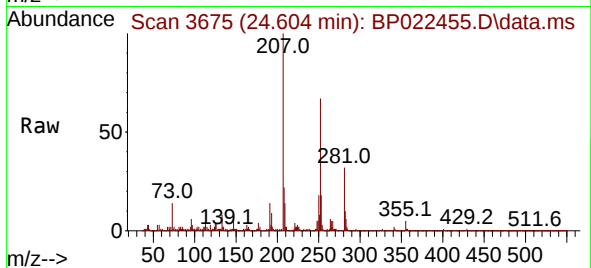
Tgt Ion:	252	Resp:	82320
Ion Ratio	Lower	Upper	
252	100		
253	26.5	17.7	26.5
125	6.7	4.9	7.3

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Supervised By :mohammad ahmed 10/21/2024



#96

Benzo(g,h,i)perylene

Concen: 1.238 ng/ul m

RT: 29.598 min Scan# 4524

Delta R.T. 0.024 min

Lab File: BP022455.D

Acq: 18 Oct 2024 11:26

Tgt Ion:	276	Resp:	62588
Ion Ratio	Lower	Upper	
276	100		
138	11.1	8.5	12.7
277	26.3	19.0	28.4

