

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071524\
 Data File : BP020971.D
 Acq On : 15 Jul 2024 23:58
 Operator : MA/JU
 Sample : P3100-10
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4BW8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/16/2024
 Supervised By :mohammad ahmed 07/18/2024

Quant Time: Jul 16 01:37:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 15 12:22:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	222609	20.000	ng/u1	0.00
20) Naphthalene-d8	10.457	136	918831	20.000	ng/u1	0.01
38) Acenaphthene-d10	14.310	164	549490	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.133	188	949958	20.000	ng/u1	0.02
79) Chrysene-d12	21.557	240	909307	20.000	ng/u1	0.00
88) Perylene-d12	24.857	264	1150126	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.246	96	17555	3.589	ng/uL	0.00
4) Pyridine-d5	3.681	84	19096	1.348	ng/u1	0.03
7) Phenol-d5	6.899	99	456266	25.140	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.046	67	279345	25.398	ng/u1	0.01
11) 2-Chlorophenol-d4	7.246	132	389447	26.045	ng/u1	0.01
15) 4-Methylphenol-d8	8.410	113	383573	25.447	ng/u1	0.02
21) Nitrobenzene-d5	8.846	128	191283	26.803	ng/u1	0.02
24) 2-Nitrophenol-d4	9.551	143	219720	26.899	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.099	165	384952	26.063	ng/u1	0.01
31) 4-Chloroaniline-d4	10.604	131	154192	7.880	ng/u1	0.02
46) Dimethylphthalate-d6	13.716	166	1109836	27.784	ng/u1	0.00
49) Acenaphthylene-d8	13.998	160	1258415	28.057	ng/u1	0.00
54) 4-Nitrophenol-d4	14.581	143	109980	19.351	ng/u1	0.01
60) Fluorene-d10	15.322	176	887800	27.091	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.463	200	124542	21.668	ng/u1	0.00
73) Anthracene-d10	17.228	188	1187947	28.155	ng/u1	0.00
81) Pyrene-d10	19.604	212	1137569	20.235	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.639	264	972575	17.146	ng/u1	0.04
Target Compounds					Qvalue	
72) Phenanthrene	17.175	178	211084	4.283	ng/u1	100
80) Fluoranthene	19.257	202	447991	6.599	ng/u1	99
82) Pyrene	19.633	202	329576	4.771	ng/u1	98
85) Benzo(a)anthracene	21.539	228	251552	3.949	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.463	149	76788	1.854	ng/u1#	97
87) Chrysene	21.604	228	269012m	4.545	ng/u1	
90) Benzo(b)fluoranthene	23.815	252	406088	5.818	ng/u1#	95
91) Benzo(k)fluoranthene	23.874	252	112233	1.611	ng/u1#	93
93) Benzo(a)pyrene	24.698	252	137096	2.079	ng/u1#	92
94) Indeno(1,2,3-cd)pyrene	28.580	276	133862m	1.575	ng/u1	

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

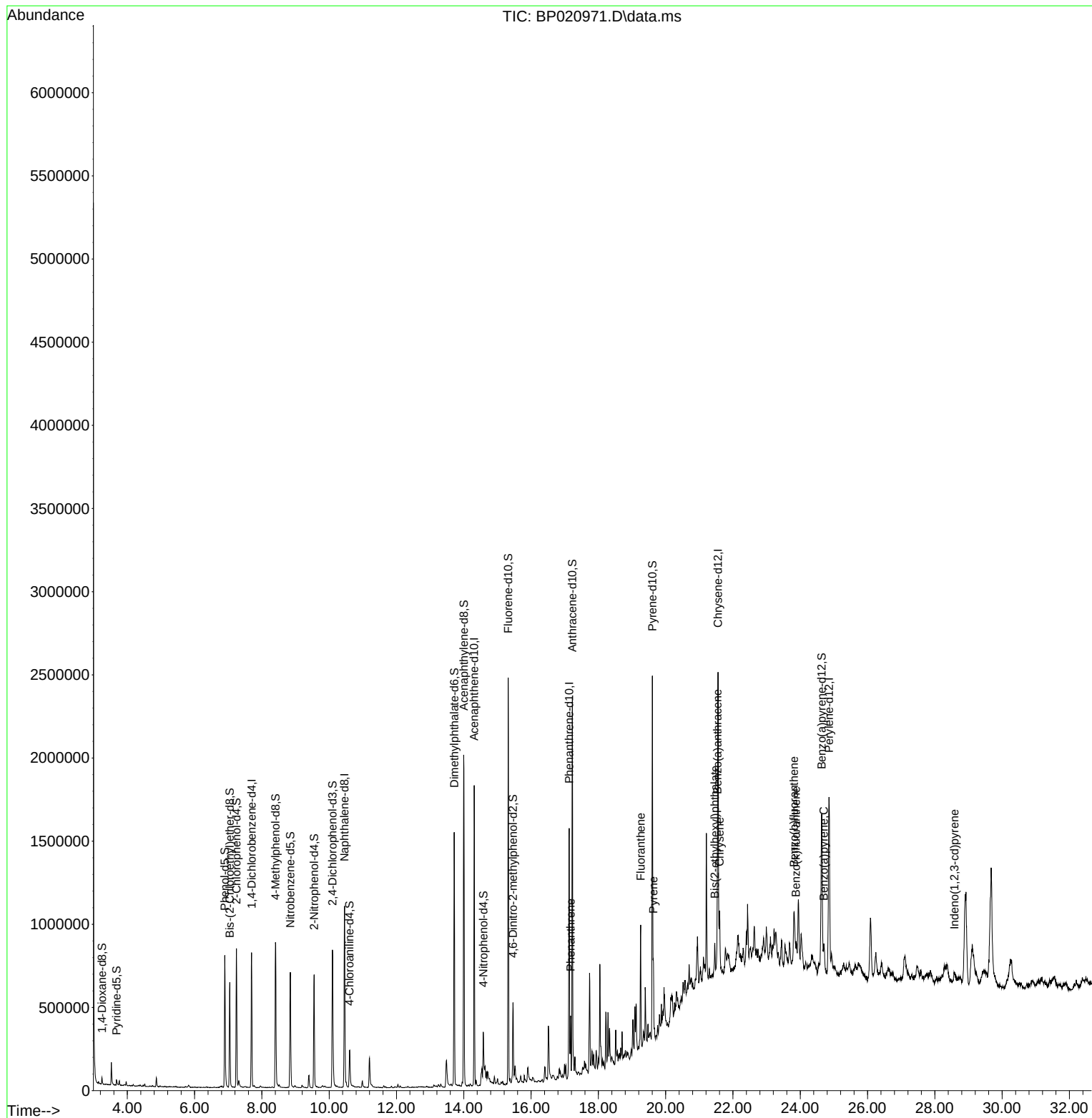
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071524\
Data File : BP020971.D
Acq On : 15 Jul 2024 23:58
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Misc :
ALS Vial : 17 Sample Multiplier: 1

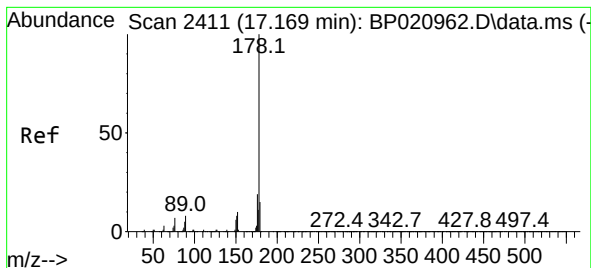
Instrument :
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Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 15 12:22:22 2024
Response via : Initial Calibration





#72

Phenanthrene

Concen: 4.283 ng/ul

RT: 17.175 min Scan# 2411

Delta R.T. 0.012 min

Lab File: BP020971.D

Acq: 15 Jul 2024 23:58

Instrument :

BNA_P

ClientSampleId :

A4BW8

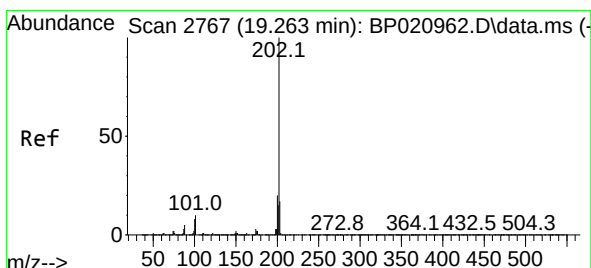
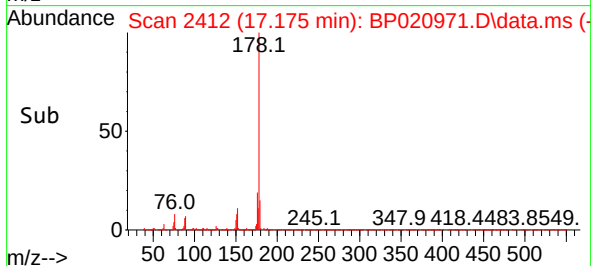
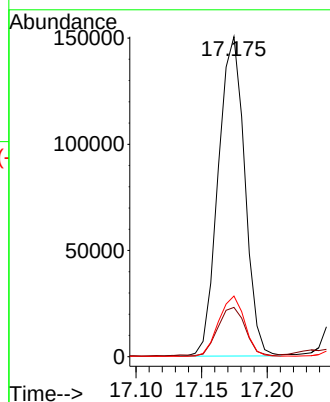
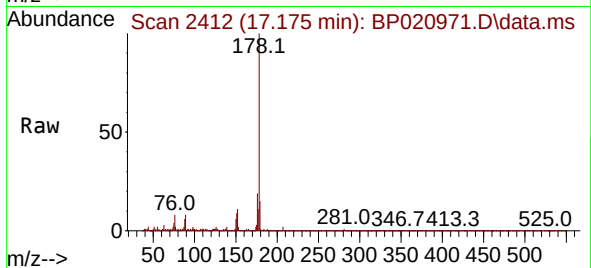
Tgt Ion:178	Resp: 211084
Ion Ratio	Lower Upper
178 100	
179 15.4	12.2 18.4
176 19.0	15.0 22.4

Manual Integrations

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#80

Fluoranthene

Concen: 6.599 ng/ul

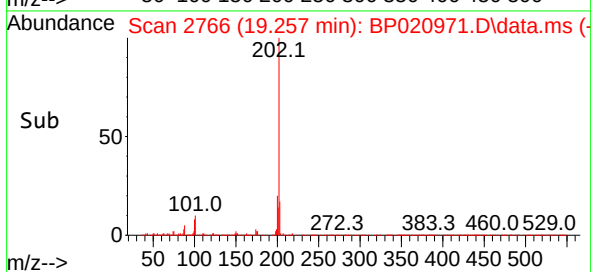
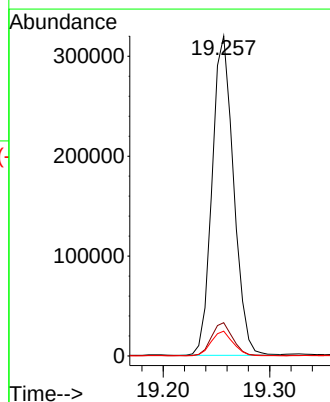
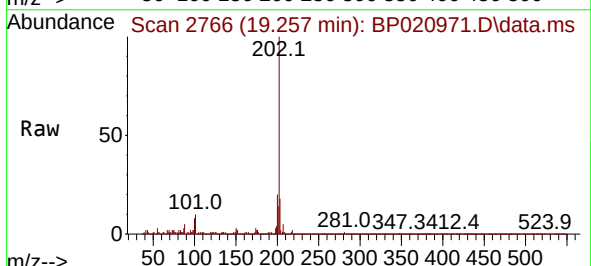
RT: 19.257 min Scan# 2766

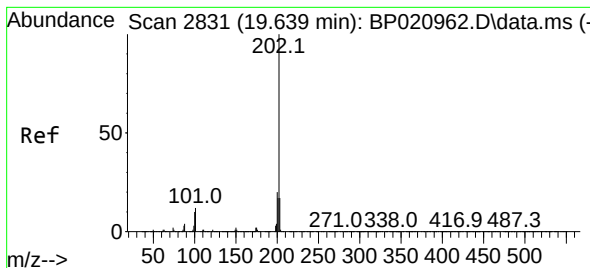
Delta R.T. 0.006 min

Lab File: BP020971.D

Acq: 15 Jul 2024 23:58

Tgt Ion:202	Resp: 447991
Ion Ratio	Lower Upper
202 100	
101 10.4	8.0 12.0
100 7.7	6.1 9.1





#82

Pyrene

Concen: 4.771 ng/ul

RT: 19.633 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP020971.D

Acq: 15 Jul 2024 23:58

Instrument :

BNA_P

ClientSampleId :

A4BW8

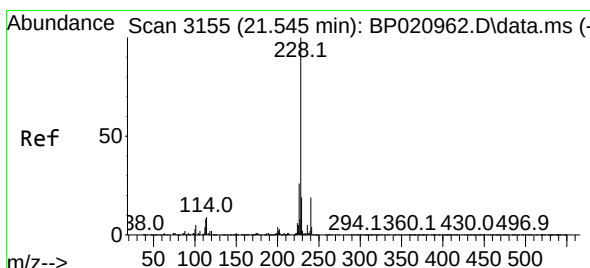
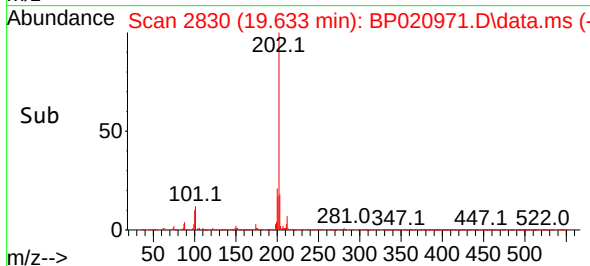
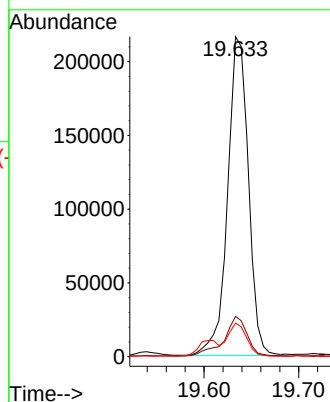
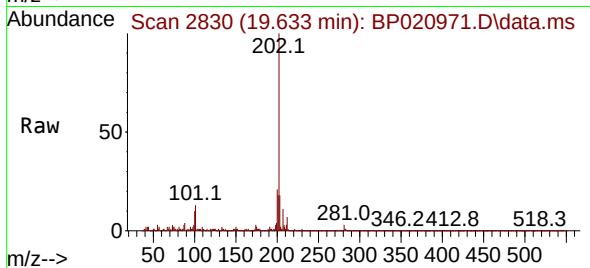
Tgt Ion:	202	Resp:	329570
Ion Ratio	Lower	Upper	
202	100		
101	12.6	9.4	14.2
100	10.5	7.8	11.6

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#85

Benzo(a)anthracene

Concen: 3.949 ng/ul

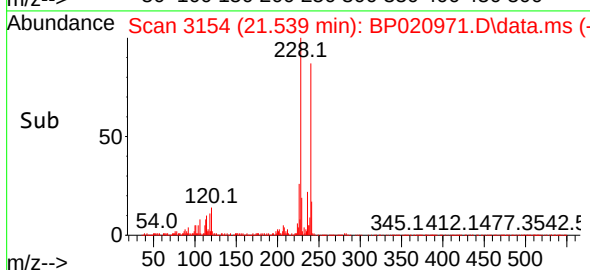
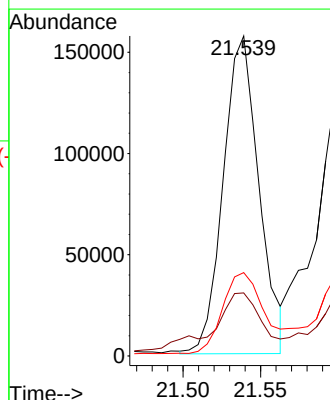
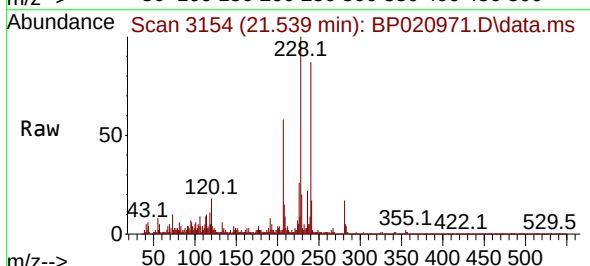
RT: 21.539 min Scan# 3154

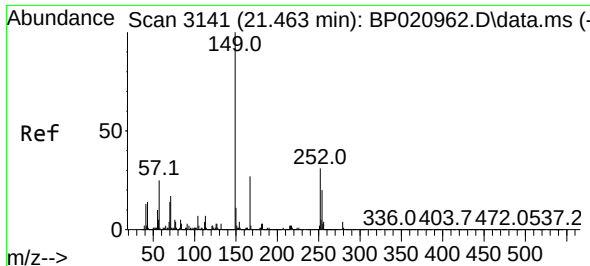
Delta R.T. 0.006 min

Lab File: BP020971.D

Acq: 15 Jul 2024 23:58

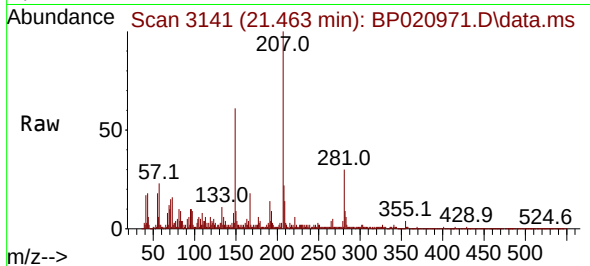
Tgt Ion:	228	Resp:	251552
Ion Ratio	Lower	Upper	
228	100		
229	19.7	15.5	23.3
226	26.1	21.4	32.2





#86
 Bis(2-ethylhexyl)phthalate
 Concen: 1.854 ng/ul
 RT: 21.463 min Scan# 3141
 Delta R.T. 0.017 min
 Lab File: BP020971.D
 Acq: 15 Jul 2024 23:58

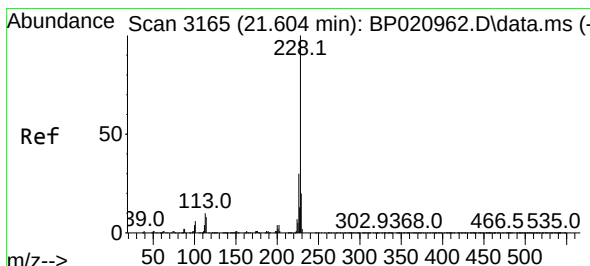
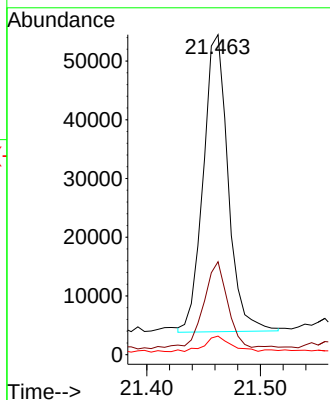
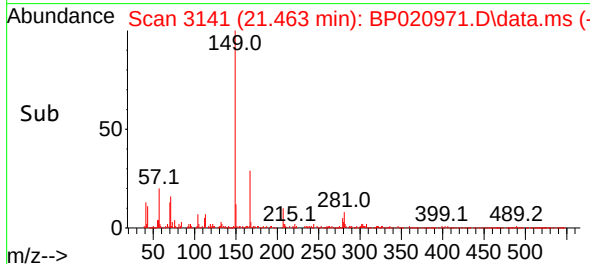
Instrument :
 BNA_P
 ClientSampleId :
 A4BW8



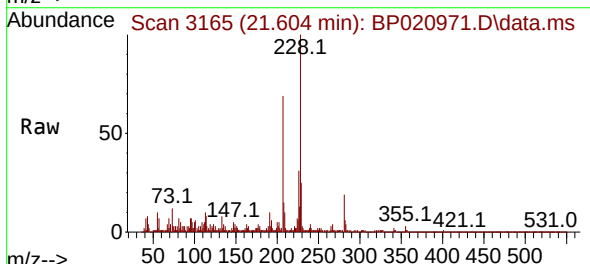
Tgt Ion:149 Resp: 76788
 Ion Ratio Lower Upper
 149 100
 167 29.1 22.1 33.1
 279 5.8 3.7 5.5

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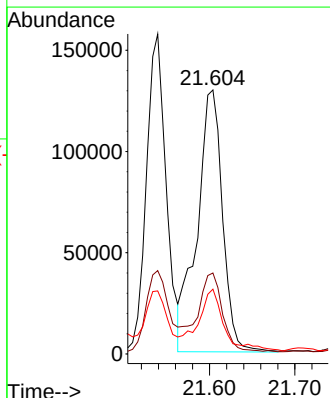
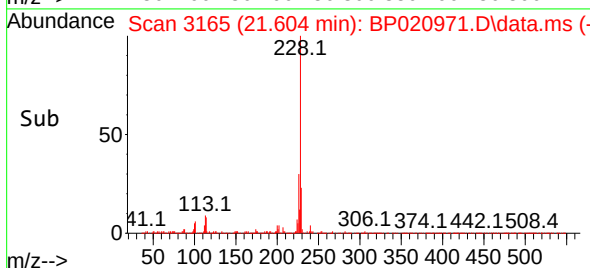
Reviewed By :Yogesh Patel 07/16/2024
 Supervised By :mohammad ahmed 07/18/2024

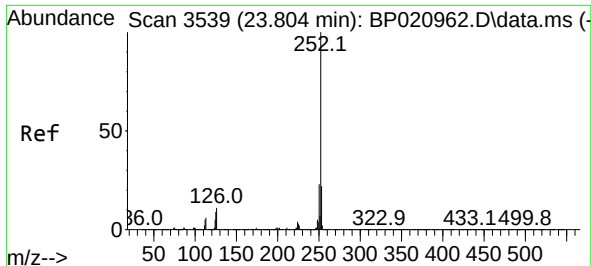


#87
 Chrysene
 Concen: 4.545 ng/ul m
 RT: 21.604 min Scan# 3165
 Delta R.T. 0.006 min
 Lab File: BP020971.D
 Acq: 15 Jul 2024 23:58



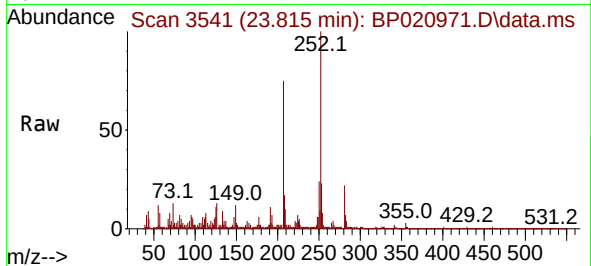
Tgt Ion:228 Resp: 269012
 Ion Ratio Lower Upper
 228 100
 226 30.7 23.6 35.4
 229 24.5 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 5.818 ng/ul
RT: 23.815 min Scan# 3541
Delta R.T. 0.035 min
Lab File: BP020971.D
Acq: 15 Jul 2024 23:58

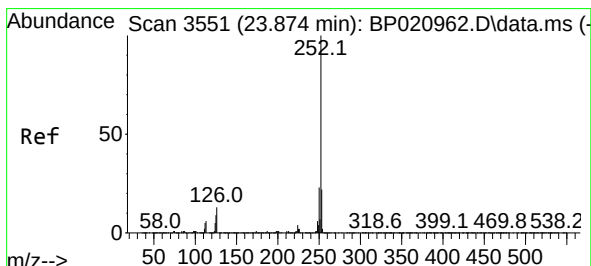
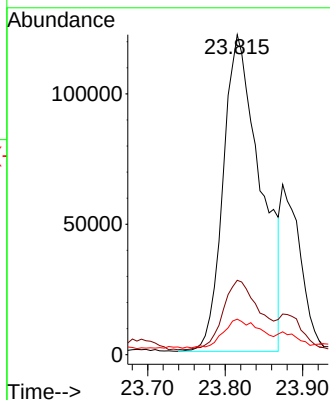
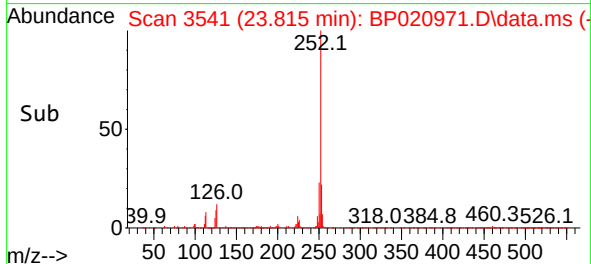
Instrument :
BNA_P
ClientSampleId :
A4BW8



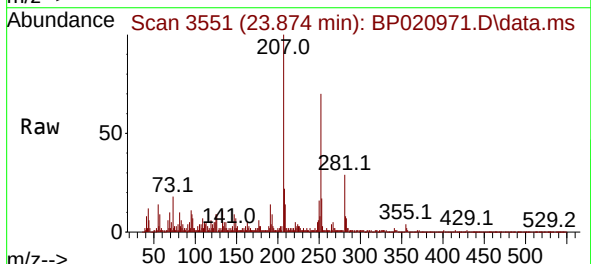
Tgt Ion:252 Resp: 406088
Ion Ratio Lower Upper
252 100
253 23.3 17.1 25.7
125 11.1 7.0 10.4

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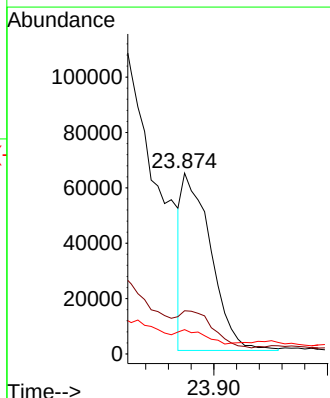
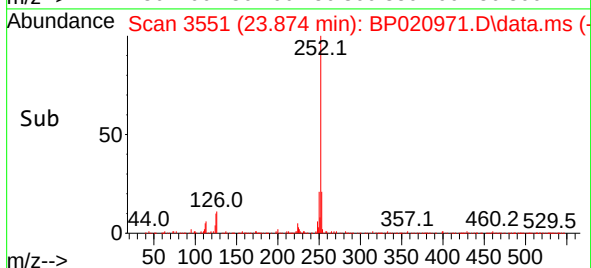
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/18/2024

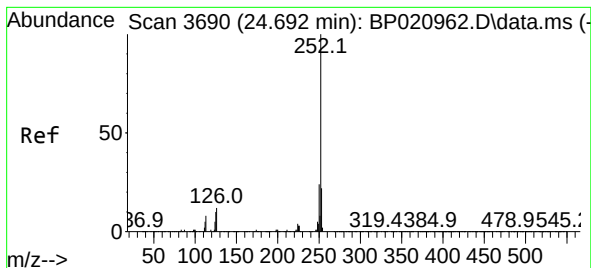


#91
Benzo(k)fluoranthene
Concen: 1.611 ng/ul
RT: 23.874 min Scan# 3551
Delta R.T. 0.023 min
Lab File: BP020971.D
Acq: 15 Jul 2024 23:58



Tgt Ion:252 Resp: 112233
Ion Ratio Lower Upper
252 100
253 23.9 17.4 26.2
125 13.4 7.4 11.0





#93

Benzo(a)pyrene

Concen: 2.079 ng/ul

RT: 24.698 min Scan# 3691

Delta R.T. 0.029 min

Lab File: BP020971.D

Acq: 15 Jul 2024 23:58

Instrument :

BNA_P

ClientSampleId :

A4BW8

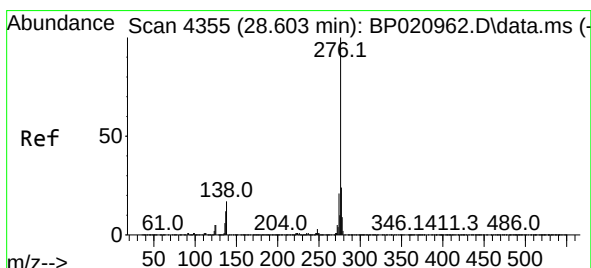
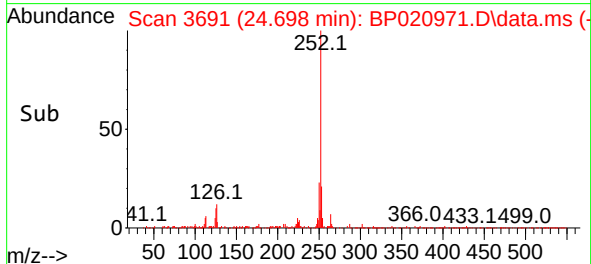
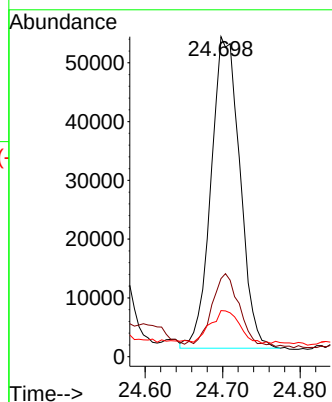
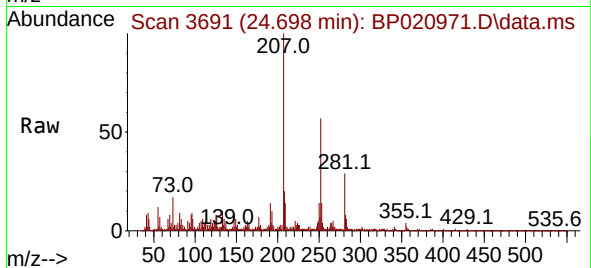
Tgt Ion:	252	Resp:	137090
Ion Ratio	Lower	Upper	
252	100		
253	24.4	17.4	26.0
125	14.4	7.7	11.5

Manual Integrations

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#94

Indeno(1,2,3-cd)pyrene

Concen: 1.575 ng/ul m

RT: 28.580 min Scan# 4351

Delta R.T. 0.006 min

Lab File: BP020971.D

Acq: 15 Jul 2024 23:58

Tgt Ion:	276	Resp:	133862
Ion Ratio	Lower	Upper	
276	100		
138	19.2	14.3	21.5
277	24.7	19.2	28.8

