

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
 Data File : BP022531.D
 Acq On : 22 Oct 2024 09:02
 Operator : RC/JU
 Sample : P4414-24
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4F87

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/23/2024
 Supervised By :mohammad ahmed 10/25/2024

Quant Time: Oct 22 09:31:29 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 22 05:59:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	107378	20.000	ng/u1	0.00
20) Naphthalene-d8	10.416	136	404078	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.269	164	309276	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.063	188	769025	20.000	ng/u1	-0.02
79) Chrysene-d12	21.498	240	755794	20.000	ng/u1	0.00
88) Perylene-d12	24.757	264	897137	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	4628	1.675	ng/uL	0.00
4) Pyridine-d5	3.628	84	10219	1.347	ng/u1	0.02
7) Phenol-d5	6.852	99	88291	9.768	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.005	67	53764	10.120	ng/u1	0.00
11) 2-Chlorophenol-d4	7.205	132	70143	10.937	ng/u1	0.00
15) 4-Methylphenol-d8	8.369	113	64533	8.946	ng/u1	0.00
21) Nitrobenzene-d5	8.804	128	32930	10.599	ng/u1	0.00
24) 2-Nitrophenol-d4	9.516	143	38554	10.718	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.051	165	77982	10.200	ng/u1	0.00
31) 4-Chloroaniline-d4	10.557	131	57233	6.336	ng/u1	0.00
46) Dimethylphthalate-d6	13.675	166	275335	11.205	ng/u1	0.00
49) Acenaphthylene-d8	13.963	160	289516	11.093	ng/u1	0.00
54) 4-Nitrophenol-d4	14.510	143	29653m	7.193	ng/u1	0.00
60) Fluorene-d10	15.275	176	252729	11.858	ng/u1	-0.02
65) 4,6-Dinitro-2-methylph...	15.410	200	19982	3.951	ng/u1	0.00
73) Anthracene-d10	17.163	188	433621	11.986	ng/u1	0.00
81) Pyrene-d10	19.539	212	475607	11.900	ng/u1	-0.02
92) Benzo(a)pyrene-d12	24.527	264	396216	8.270	ng/u1	0.00
Target Compounds					Qvalue	
8) Phenol	6.881	94	11155	1.186	ng/u1	98
16) Acetophenone	8.475	105	43352	3.640	ng/u1	94
72) Phenanthrene	17.110	178	153051	3.720	ng/u1	99
80) Fluoranthene	19.192	202	313483	6.823	ng/u1	99
82) Pyrene	19.574	202	262270	5.326	ng/u1	99
85) Benzo(a)anthracene	21.474	228	146489	2.765	ng/u1	95
87) Chrysene	21.545	228	147215m	2.997	ng/u1	
90) Benzo(b)fluoranthene	23.727	252	187821	3.326	ng/u1	98
93) Benzo(a)pyrene	24.598	252	74247	1.429	ng/u1#	94

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

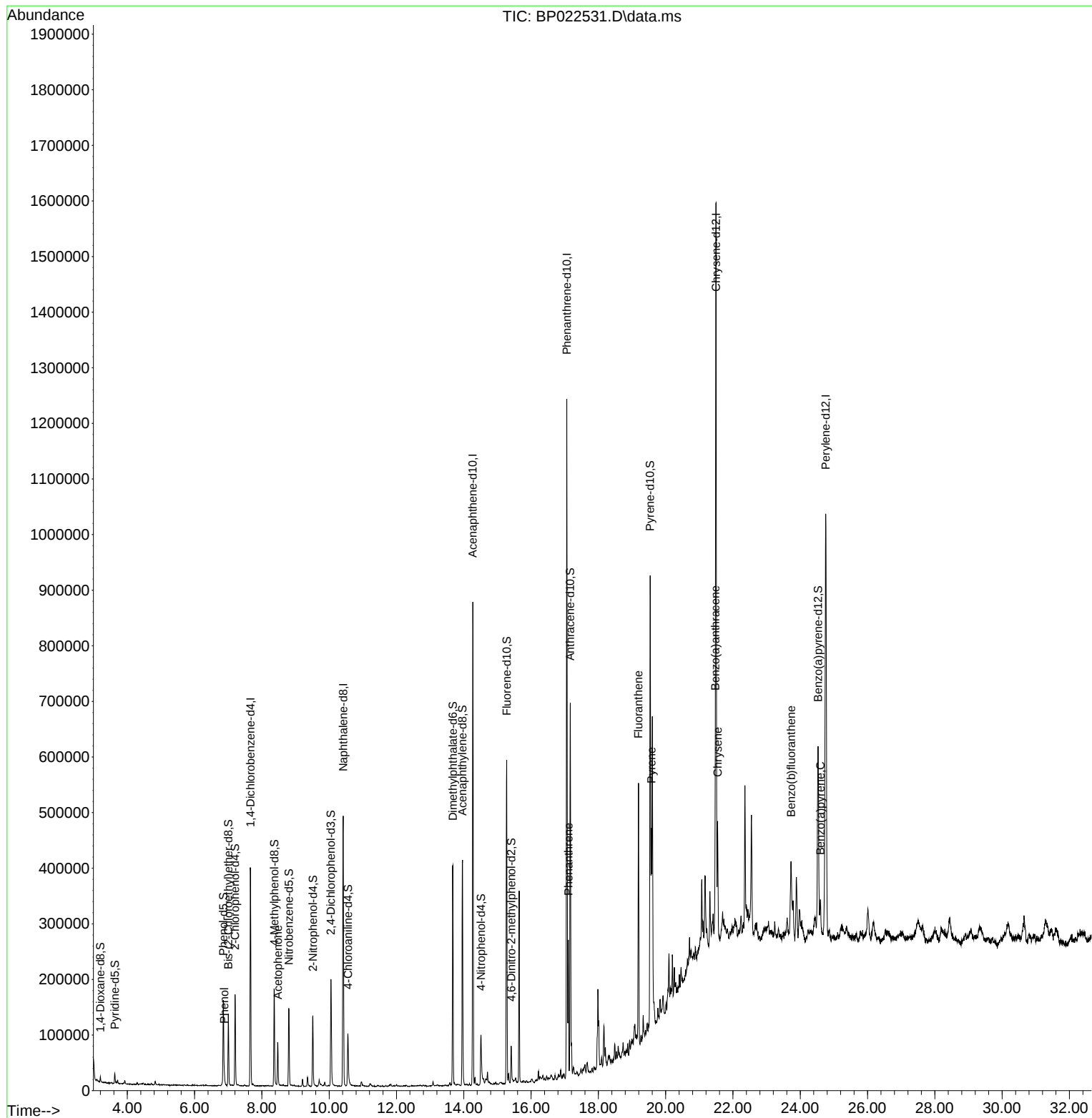
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
Data File : BP022531.D
Acq On : 22 Oct 2024 09:02
Operator : RC/JU
Sample : P4414-24
Misc :
ALS Vial : 32 Sample Multiplier: 1

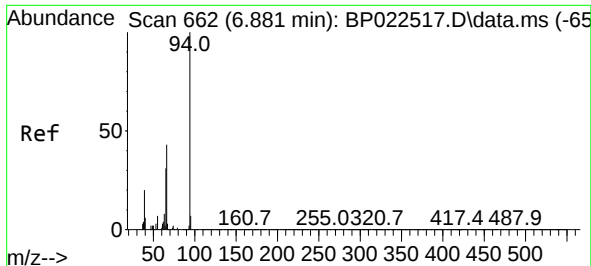
Instrument :
BNA_P
ClientSampleId :
A4F87

Quant Time: Oct 22 09:31:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 22 05:59:59 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

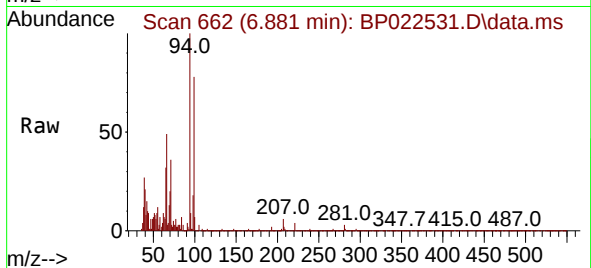
Reviewed By :Yogesh Patel 10/23/2024
Supervised By :mohammad ahmed 10/25/2024





#8
Phenol
Concen: 1.186 ng/ul
RT: 6.881 min Scan# 662
Delta R.T. 0.000 min
Lab File: BP022531.D
Acq: 22 Oct 2024 09:02

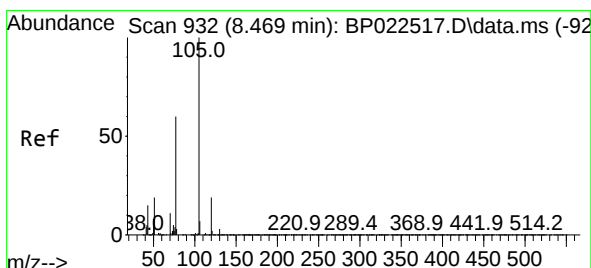
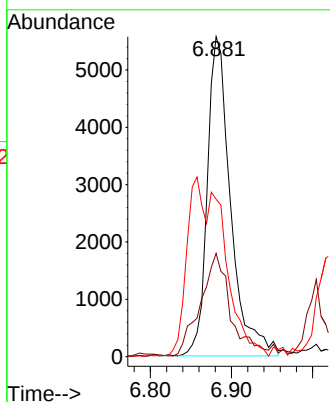
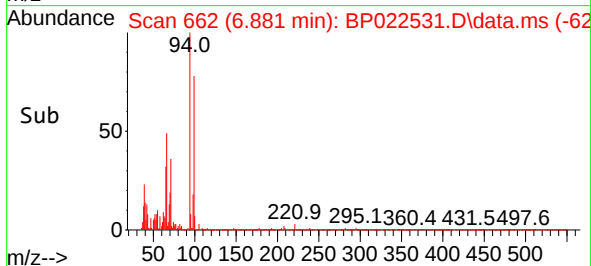
Instrument :
BNA_P
Client Sample Id :
A4F87



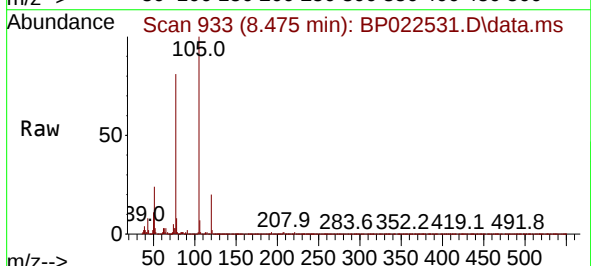
Tgt Ion: 94 Resp: 1115
Ion Ratio Lower Upper
94 100
65 32.3 25.9 38.9
66 49.2 37.6 56.4

Manual Integrations
APPROVED

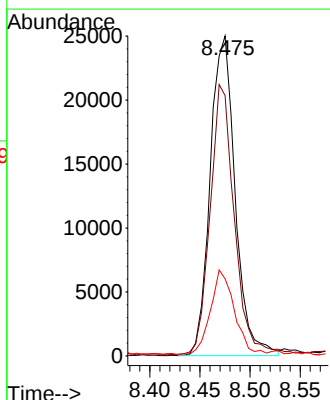
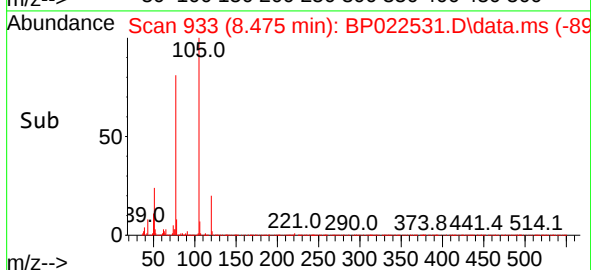
Reviewed By :Yogesh Patel 10/23/2024
Supervised By :mohammad ahmed 10/25/2024

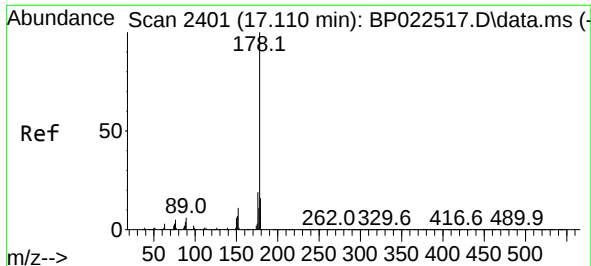


#16
Acetophenone
Concen: 3.640 ng/ul
RT: 8.475 min Scan# 933
Delta R.T. 0.006 min
Lab File: BP022531.D
Acq: 22 Oct 2024 09:02



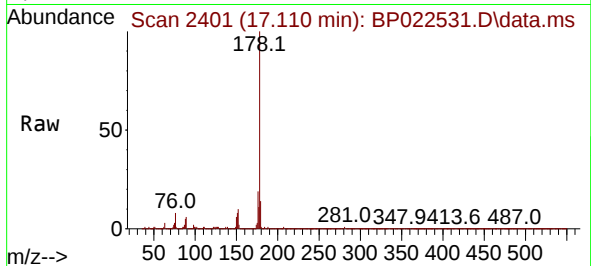
Tgt Ion:105 Resp: 43352
Ion Ratio Lower Upper
105 100
77 81.4 69.0 103.4
51 24.1 22.6 33.8





#72
Phenanthrene
Concen: 3.720 ng/ul
RT: 17.110 min Scan# 2401
Delta R.T. -0.006 min
Lab File: BP022531.D
Acq: 22 Oct 2024 09:02

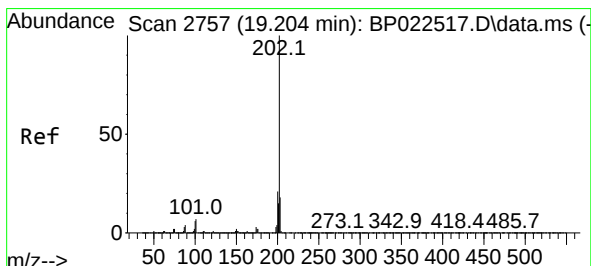
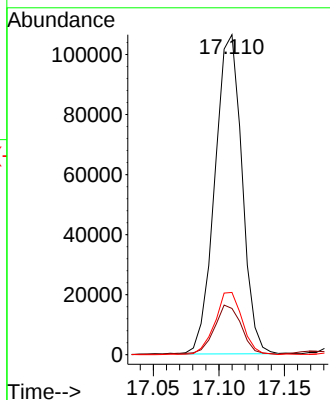
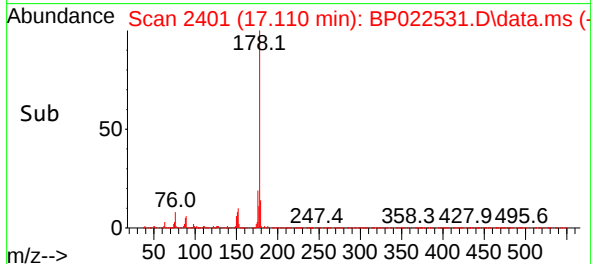
Instrument :
BNA_P
ClientSampleId :
A4F87



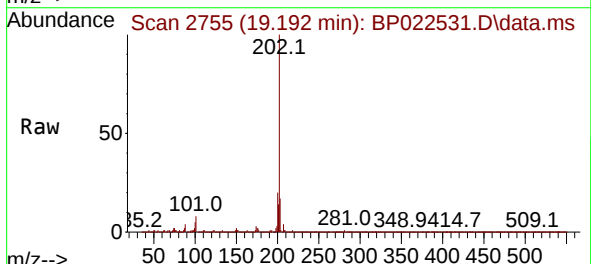
Tgt Ion:178 Resp: 15305
Ion Ratio Lower Upper
178 100
179 14.4 12.2 18.4
176 19.5 15.7 23.5

Manual Integrations
APPROVED

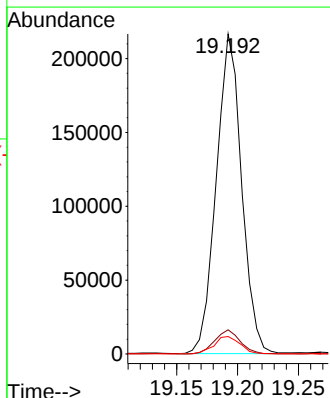
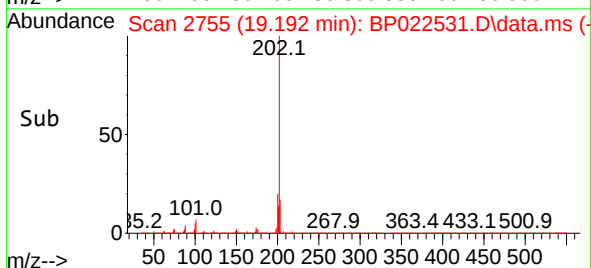
Reviewed By :Yogesh Patel 10/23/2024
Supervised By :mohammad ahmed 10/25/2024

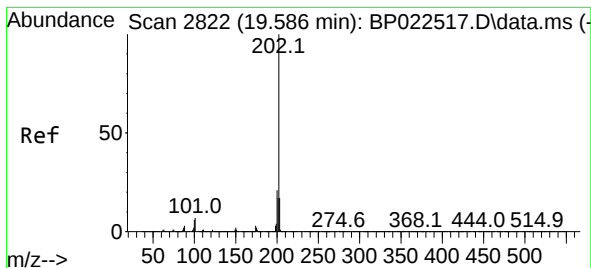


#80
Fluoranthene
Concen: 6.823 ng/ul
RT: 19.192 min Scan# 2755
Delta R.T. -0.017 min
Lab File: BP022531.D
Acq: 22 Oct 2024 09:02



Tgt Ion:202 Resp: 313483
Ion Ratio Lower Upper
202 100
101 7.6 5.8 8.8
100 5.5 4.5 6.7





#82

Pyrene

Concen: 5.326 ng/ul

RT: 19.574 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP022531.D

Acq: 22 Oct 2024 09:02

Instrument :

BNA_P

ClientSampleId :

A4F87

Tgt Ion:	202	Resp:	262270
Ion Ratio	Lower	Upper	
202	100		
101	8.2	6.7	10.1
100	6.7	5.8	8.6

Manual Integrations

APPROVED

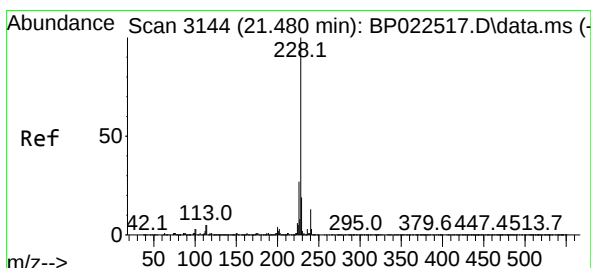
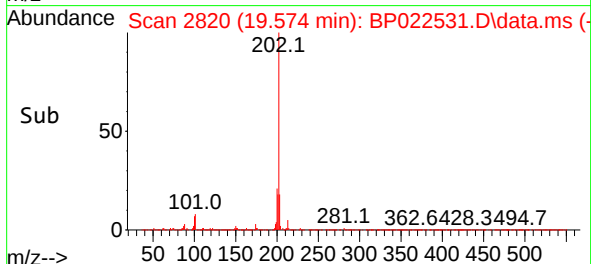
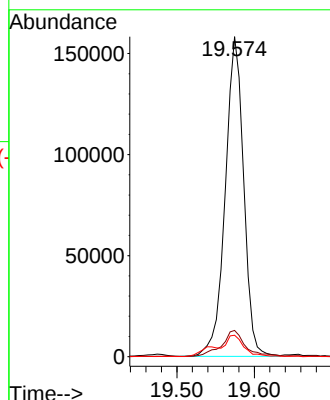
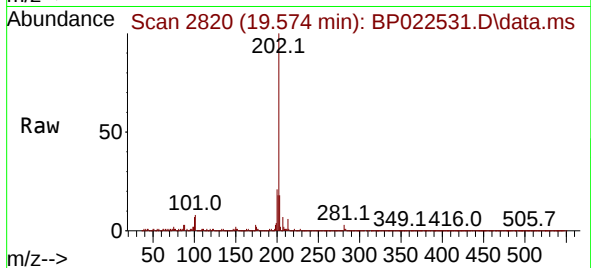
Reviewed By :Yogesh Patel 10/23/2024

Supervised By :mohammad ahmed 10/25/2024

10/23/2024

Supervised By :mohammad
ahmed

10/25/2024



#85

Benzo(a)anthracene

Concen: 2.765 ng/ul

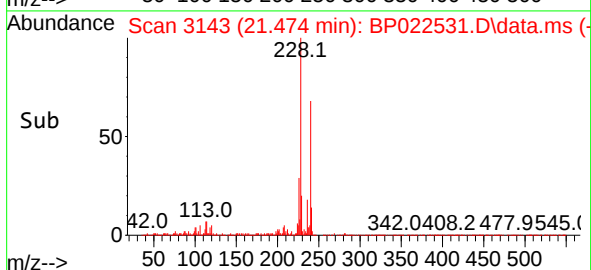
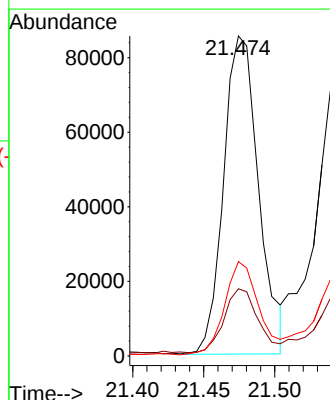
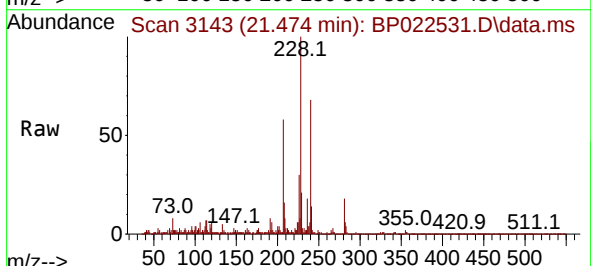
RT: 21.474 min Scan# 3143

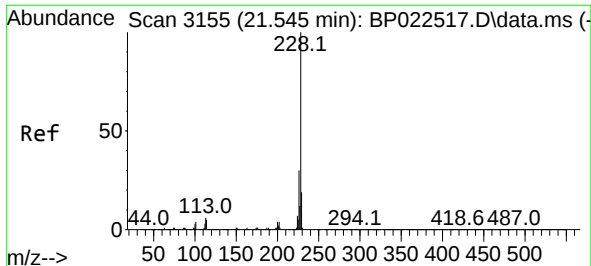
Delta R.T. -0.006 min

Lab File: BP022531.D

Acq: 22 Oct 2024 09:02

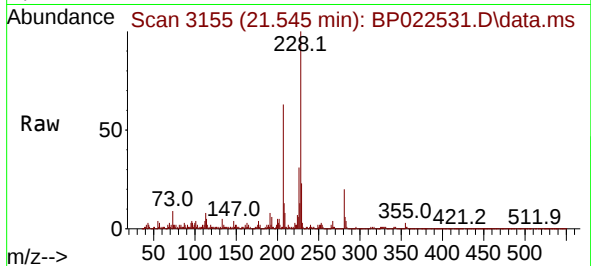
Tgt Ion:	228	Resp:	146489
Ion Ratio	Lower	Upper	
228	100		
229	21.0	15.4	23.0
226	29.5	21.5	32.3





#87
Chrysene
Concen: 2.997 ng/ul m
RT: 21.545 min Scan# 3155
Delta R.T. 0.000 min
Lab File: BP022531.D
Acq: 22 Oct 2024 09:02

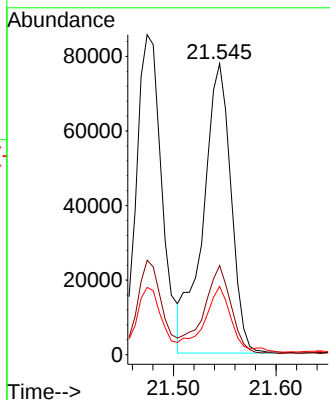
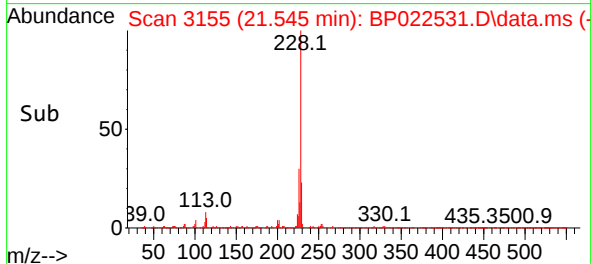
Instrument :
BNA_P
ClientSampleId :
A4F87



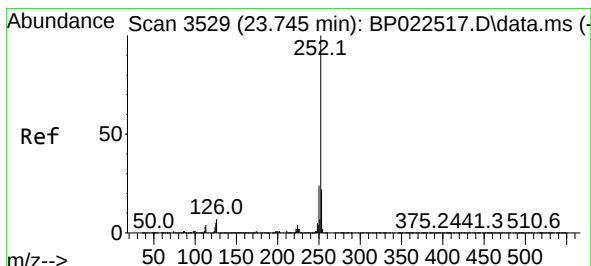
Tgt Ion:228 Resp: 147215
Ion Ratio Lower Upper
228 100
226 30.6 23.8 35.8
229 23.4 15.5 23.3

Manual Integrations
APPROVED

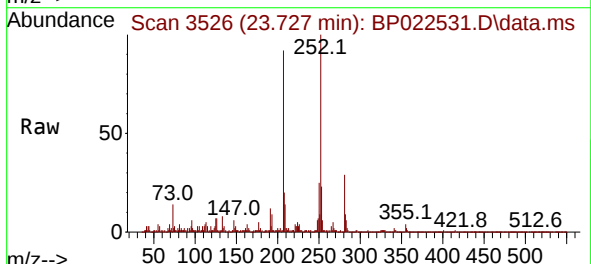
Reviewed By :Yogesh Patel 10/23/2024
Supervised By :mohammad ahmed 10/25/2024



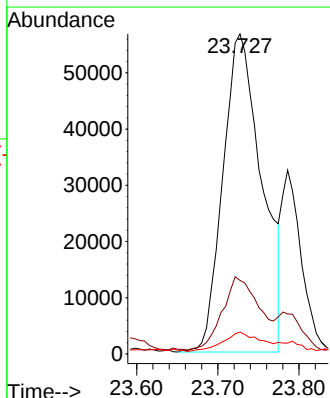
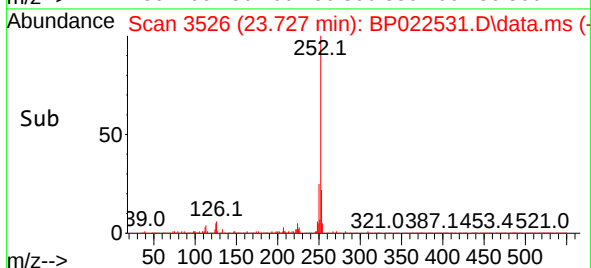
10/23/2024
Supervised By :mohammad
ahmed
10/25/2024

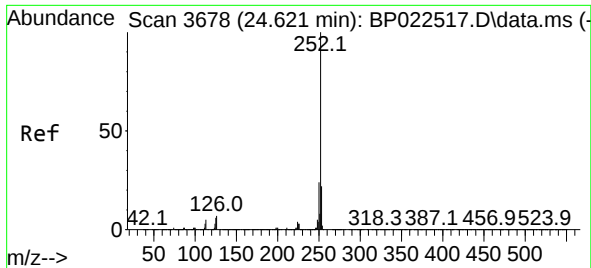


#90
Benzo(b)fluoranthene
Concen: 3.326 ng/ul
RT: 23.727 min Scan# 3526
Delta R.T. 0.006 min
Lab File: BP022531.D
Acq: 22 Oct 2024 09:02



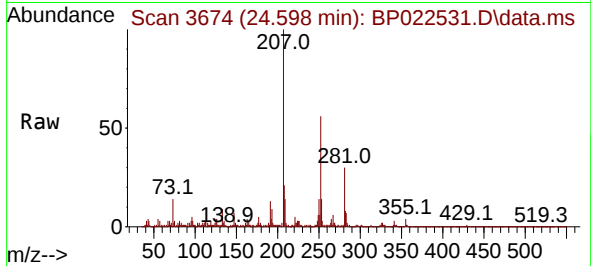
Tgt Ion:252 Resp: 187821
Ion Ratio Lower Upper
252 100
253 23.0 17.8 26.8
125 6.8 5.0 7.4





#93
 Benzo(a)pyrene
 Concen: 1.429 ng/ul
 RT: 24.598 min Scan# 30
 Delta R.T. -0.006 min
 Lab File: BP022531.D
 Acq: 22 Oct 2024 09:02

Instrument :
 BNA_P
 ClientSampleId :
 A4F87

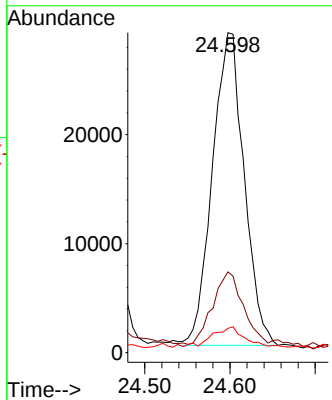
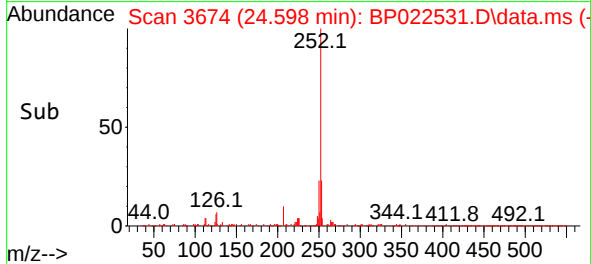


Tgt Ion:252 Resp: 7424

Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.7	26.5
125	7.6	4.9	7.3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/23/2024
 Supervised By :mohammad ahmed 10/25/2024



10/23/2024
 Supervised By :mohammad
 ahmed
 10/25/2024