

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100924\
 Data File : BP022292.D
 Acq On : 09 Oct 2024 16:21
 Operator : RC/JU
 Sample : P4162-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4ES7

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/10/2024
 Supervised By :mohammad ahmed 10/11/2024

Quant Time: Oct 09 17:16:43 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 08 02:14:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.705	152	174876	20.000	ng/u1	0.00
20) Naphthalene-d8	10.463	136	657888	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.316	164	486960	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.116	188	1111059	20.000	ng/u1	0.00
79) Chrysene-d12	21.551	240	1078198	20.000	ng/u1	0.01
88) Perylene-d12	24.857	264	1324852	20.000	ng/u1	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.228	96	6114	1.359	ng/uL	0.00
4) Pyridine-d5	3.652	84	10216	0.827	ng/u1	0.02
7) Phenol-d5	6.893	99	101688	6.908	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.046	67	85078	9.833	ng/u1	0.00
11) 2-Chlorophenol-d4	7.246	132	94634	9.060	ng/u1	0.00
15) 4-Methylphenol-d8	8.405	113	52889	4.502	ng/u1	0.00
21) Nitrobenzene-d5	8.846	128	52420	10.363	ng/u1	0.00
24) 2-Nitrophenol-d4	9.557	143	59960	10.238	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.099	165	111316	8.943	ng/u1	0.00
31) 4-Chloroaniline-d4	10.593	131	26836	1.825	ng/u1	0.00
46) Dimethylphthalate-d6	13.722	166	414228	10.706	ng/u1	0.00
49) Acenaphthylene-d8	14.004	160	450630	10.966	ng/u1	0.00
54) 4-Nitrophenol-d4	14.534	143	21494	3.311	ng/u1	0.00
60) Fluorene-d10	15.322	176	375956	11.203	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.457	200	43958	6.016	ng/u1	0.00
73) Anthracene-d10	17.210	188	582242	11.140	ng/u1	0.00
81) Pyrene-d10	19.598	212	579029	10.155	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.621	264	431146	6.094	ng/u1	0.02
Target Compounds						Qvalue
16) Acetophenone	8.510	105	28379	1.463	ng/u1	94
72) Phenanthrene	17.163	178	364372	6.130	ng/u1	98
74) Anthracene	17.245	178	68179	1.149	ng/u1	99
80) Fluoranthene	19.251	202	1216097	18.553	ng/u1	99
82) Pyrene	19.628	202	723140	10.293	ng/u1	99
85) Benzo(a)anthracene	21.533	228	515960	6.826	ng/u1	96
86) Bis(2-ethylhexyl)phtha...	21.469	149	143729	4.094	ng/u1	97
87) Chrysene	21.598	228	676302	9.650	ng/u1	98
90) Benzo(b)fluoranthene	23.804	252	1056351	12.667	ng/u1	99
91) Benzo(k)fluoranthene	23.863	252	384374m	4.708	ng/u1	
93) Benzo(a)pyrene	24.698	252	273480	3.563	ng/u1#	95
94) Indeno(1,2,3-cd)pyrene	28.568	276	355364m	3.470	ng/u1	
95) Dibenzo(a,h)anthracene	28.633	278	136913	1.651	ng/u1	95

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

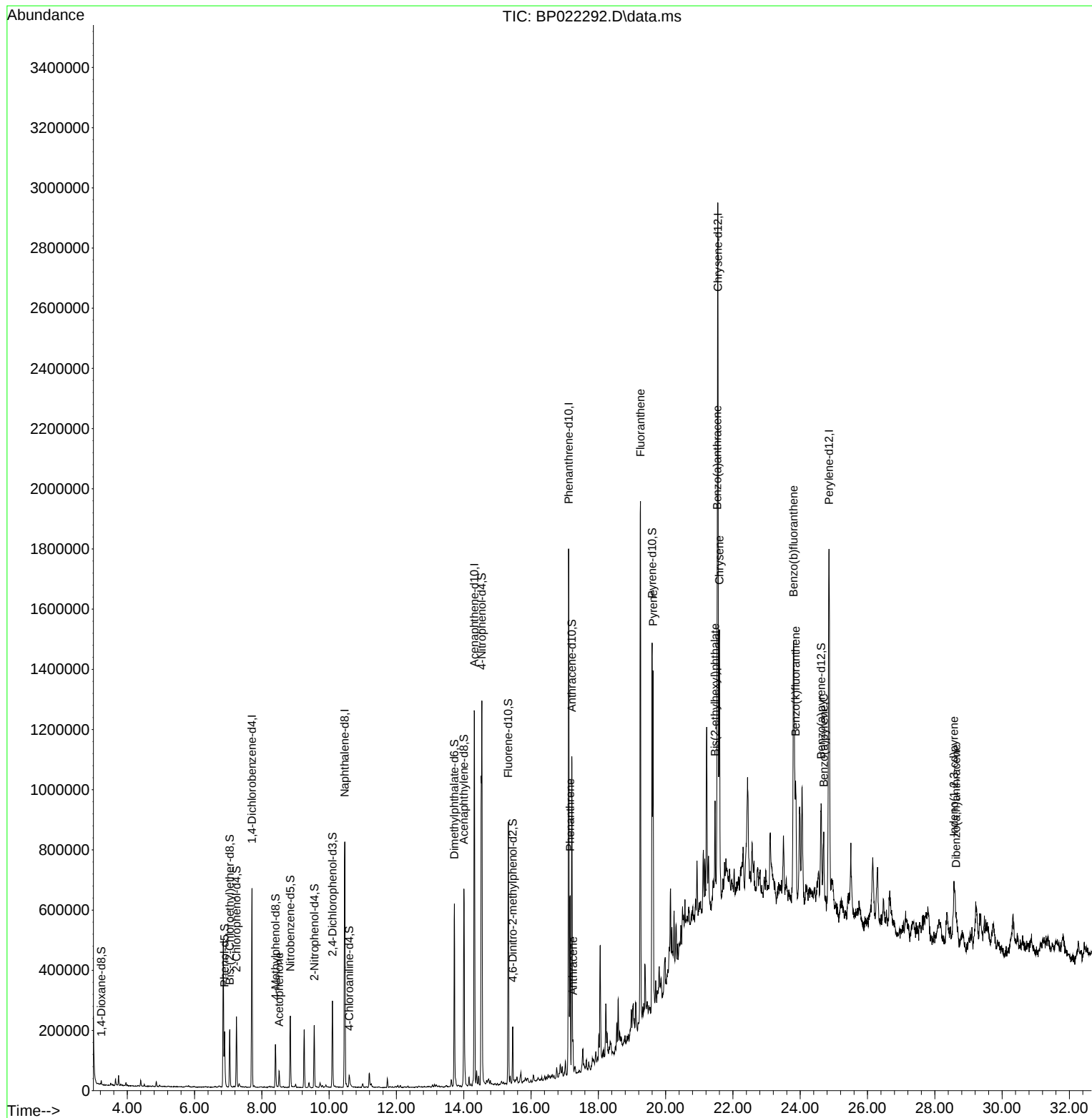
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100924\
Data File : BP022292.D
Acq On : 09 Oct 2024 16:21
Operator : RC/JU
Sample : P4162-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

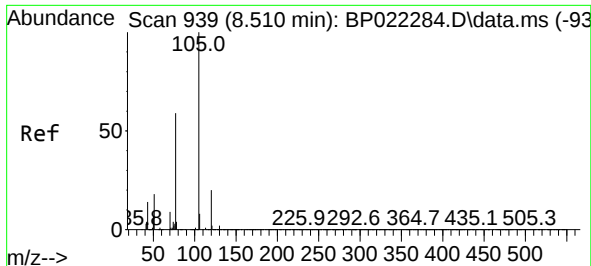
Instrument :
BNA_P
ClientSampleId :
A4ES7

Quant Time: Oct 09 17:16:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 08 02:14:47 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/11/2024





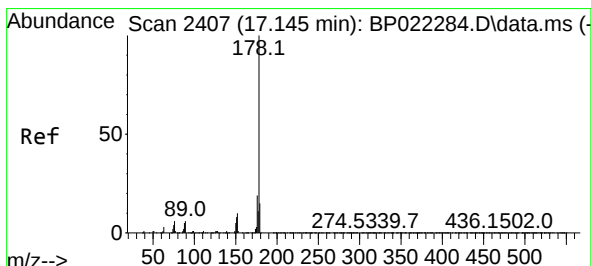
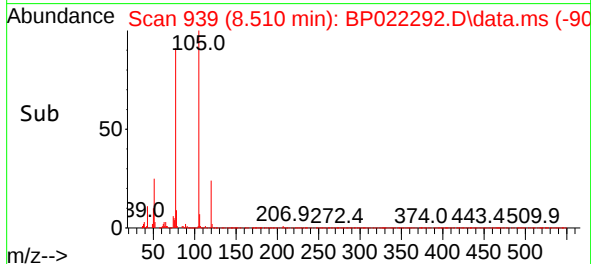
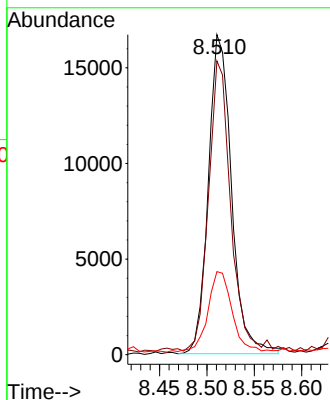
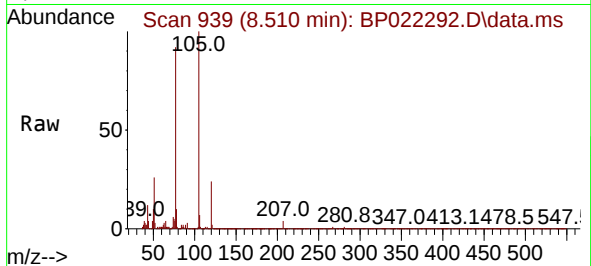
#16
Acetophenone
Concen: 1.463 ng/ul
RT: 8.510 min Scan# 910
Delta R.T. 0.000 min
Lab File: BP022292.D
Acq: 09 Oct 2024 16:21

Instrument :
BNA_P
ClientSampleId :
A4ES7

Tgt Ion:105 Resp: 28379
Ion Ratio Lower Upper
105 100
77 91.8 69.0 103.4
51 25.9 22.6 33.8

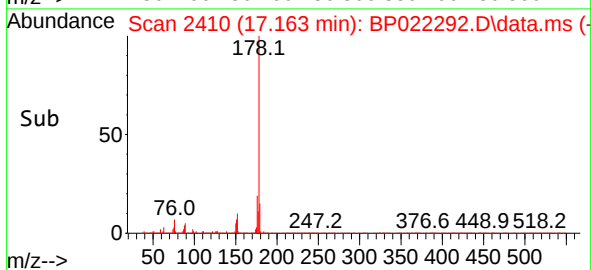
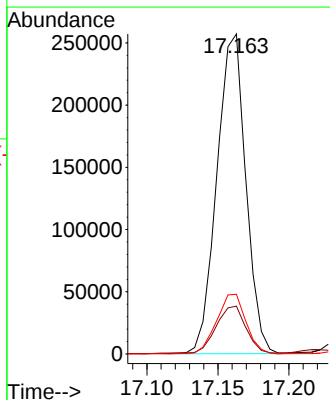
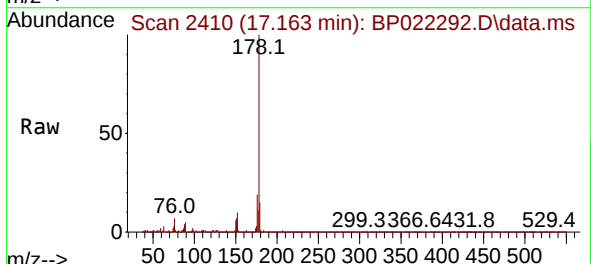
Manual Integrations
APPROVED

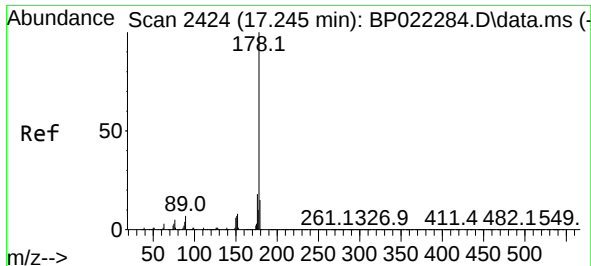
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/11/2024



#72
Phenanthrene
Concen: 6.130 ng/ul
RT: 17.163 min Scan# 2410
Delta R.T. 0.006 min
Lab File: BP022292.D
Acq: 09 Oct 2024 16:21

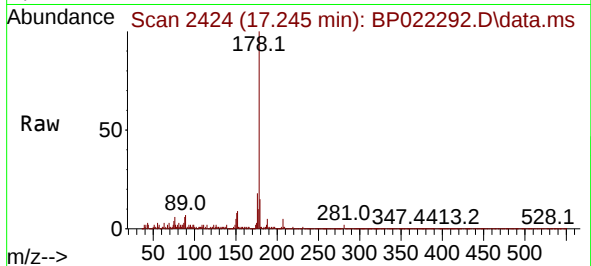
Tgt Ion:178 Resp: 364372
Ion Ratio Lower Upper
178 100
179 15.0 12.2 18.4
176 18.6 15.7 23.5





#74
 Anthracene
 Concen: 1.149 ng/ul
 RT: 17.245 min Scan# 2424
 Delta R.T. -0.006 min
 Lab File: BP022292.D
 Acq: 09 Oct 2024 16:21

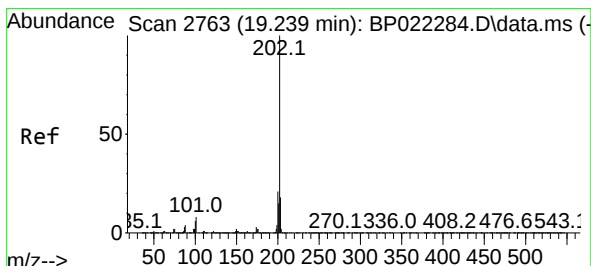
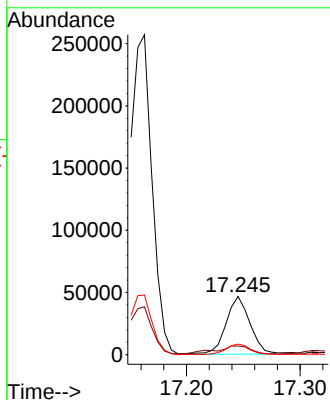
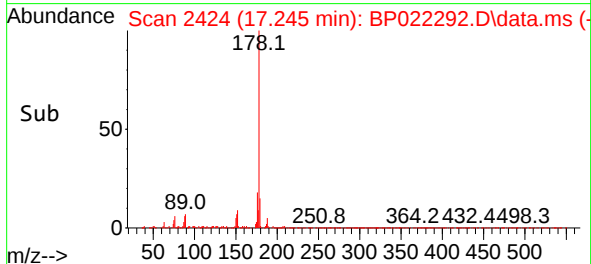
Instrument :
 BNA_P
 ClientSampleId :
 A4ES7



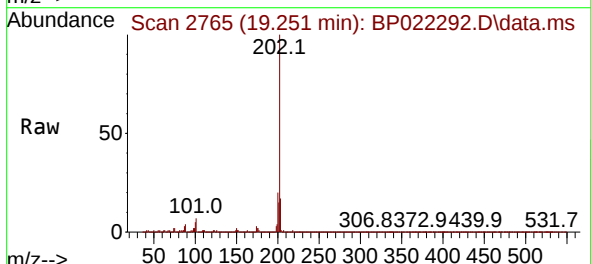
Tgt Ion:178 Resp: 68179
 Ion Ratio Lower Upper
 178 100
 179 15.0 12.0 18.0
 176 18.1 15.0 22.4

Manual Integrations
 APPROVED

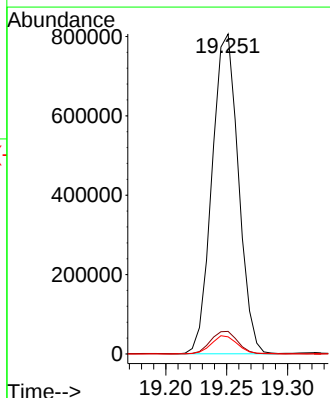
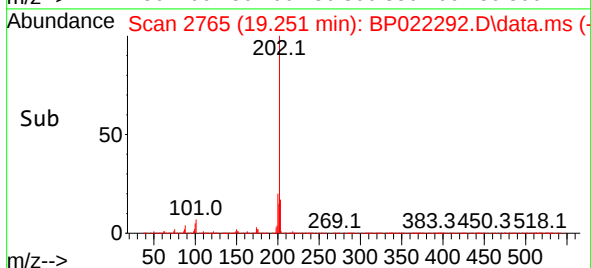
Reviewed By :Yogesh Patel 10/10/2024
 Supervised By :mohammad ahmed 10/11/2024

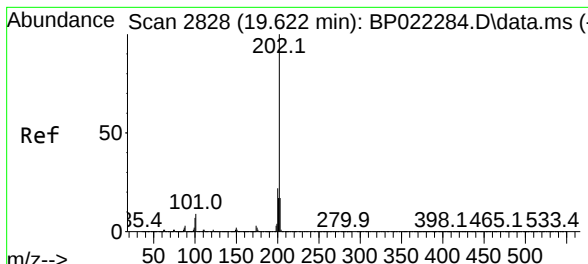


#80
 Fluoranthene
 Concen: 18.553 ng/ul
 RT: 19.251 min Scan# 2765
 Delta R.T. 0.006 min
 Lab File: BP022292.D
 Acq: 09 Oct 2024 16:21



Tgt Ion:202 Resp: 1216097
 Ion Ratio Lower Upper
 202 100
 101 7.1 5.8 8.8
 100 5.4 4.5 6.7



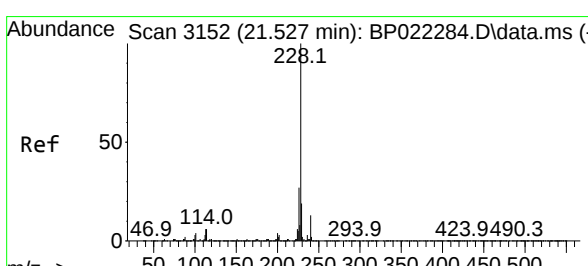
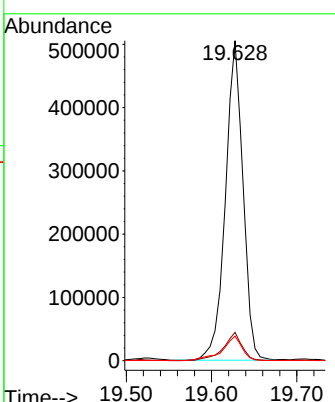
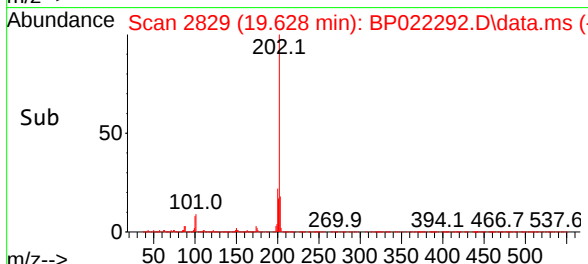
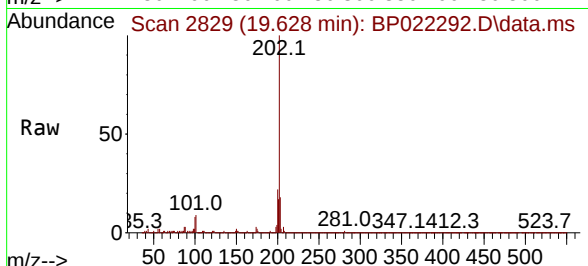


#82
 Pyrene
 Concen: 10.293 ng/ul
 RT: 19.628 min Scan# 2828
 Delta R.T. 0.006 min
 Lab File: BP022292.D
 Acq: 09 Oct 2024 16:21

Instrument : BNA_P
 ClientSampleId : A4ES7

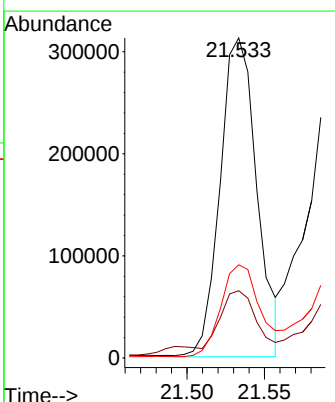
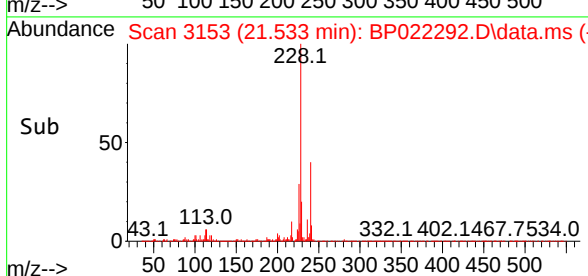
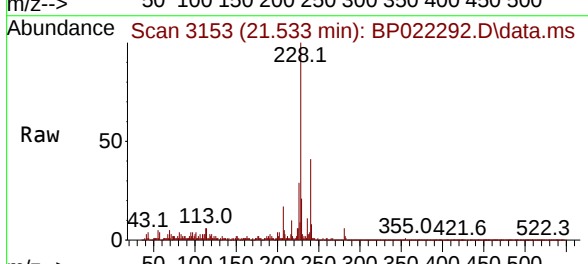
Tgt Ion:	202	Resp:	723140
Ion Ratio	Lower	Upper	
202	100		
101	8.8	6.7	10.1
100	7.7	5.8	8.6

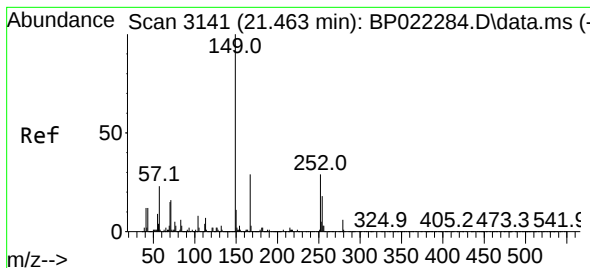
Manual Integrations
APPROVED
 Reviewed By :Yogesh Patel 10/10/2024
 Supervised By :mohammad ahmed 10/11/2024



#85
 Benzo(a)anthracene
 Concen: 6.826 ng/ul
 RT: 21.533 min Scan# 3153
 Delta R.T. 0.012 min
 Lab File: BP022292.D
 Acq: 09 Oct 2024 16:21

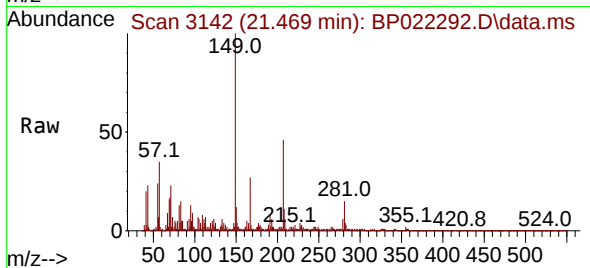
Tgt Ion:	228	Resp:	515960
Ion Ratio	Lower	Upper	
228	100		
229	21.0	15.4	23.0
226	29.1	21.5	32.3





#86
Bis(2-ethylhexyl)phthalate
Concen: 4.094 ng/ul
RT: 21.469 min Scan# 3141
Delta R.T. 0.006 min
Lab File: BP022292.D
Acq: 09 Oct 2024 16:21

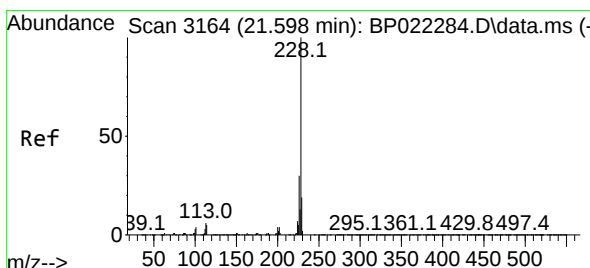
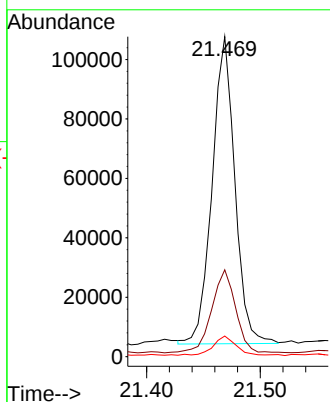
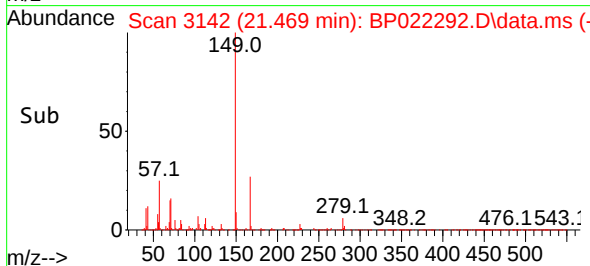
Instrument :
BNA_P
ClientSampleId :
A4ES7



Tgt Ion:149 Resp: 143729
Ion Ratio Lower Upper
149 100
167 27.1 23.0 34.4
279 6.5 4.8 7.2

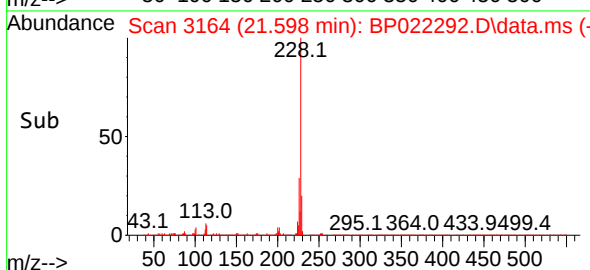
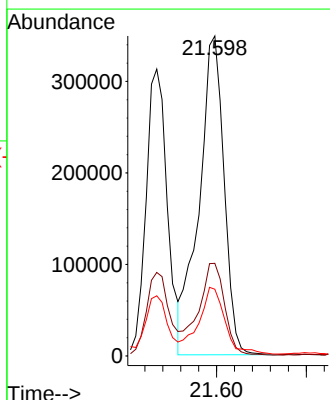
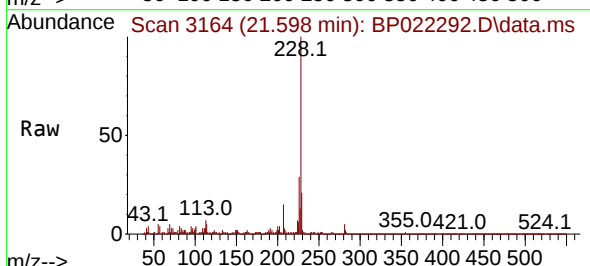
Manual Integrations
APPROVED

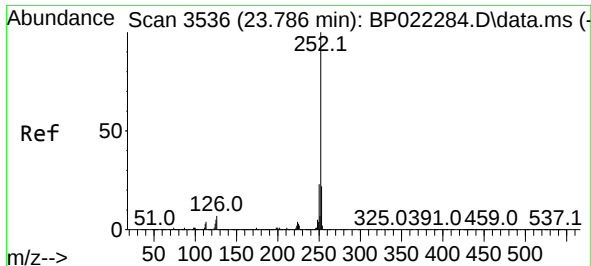
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/11/2024



#87
Chrysene
Concen: 9.650 ng/ul
RT: 21.598 min Scan# 3164
Delta R.T. 0.006 min
Lab File: BP022292.D
Acq: 09 Oct 2024 16:21

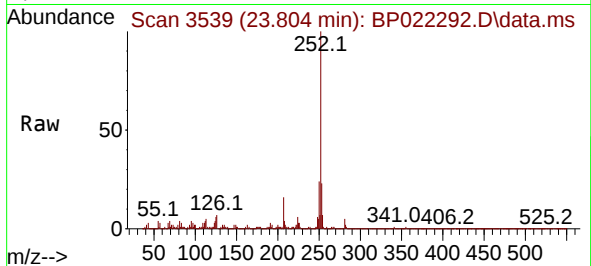
Tgt Ion:228 Resp: 676302
Ion Ratio Lower Upper
228 100
226 28.9 23.8 35.8
229 20.8 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 12.667 ng/ul
RT: 23.804 min Scan# 3536
Delta R.T. 0.018 min
Lab File: BP022292.D
Acq: 09 Oct 2024 16:21

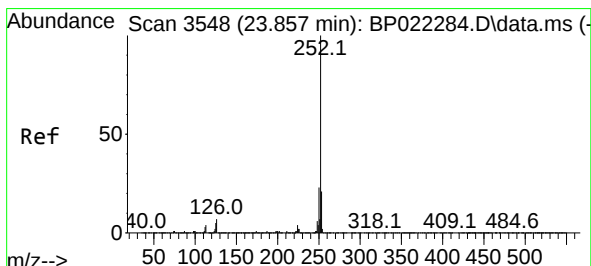
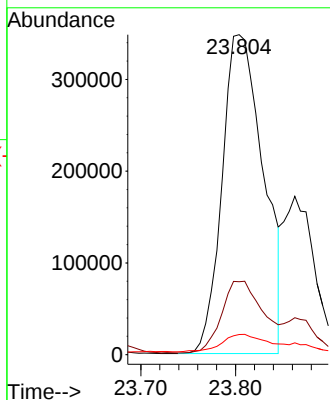
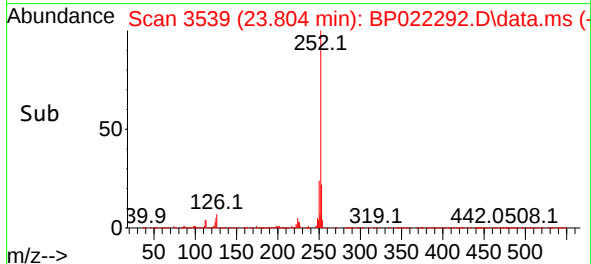
Instrument :
BNA_P
ClientSampleId :
A4ES7



Tgt Ion:252 Resp: 105635
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.8
125 6.3 5.0 7.4

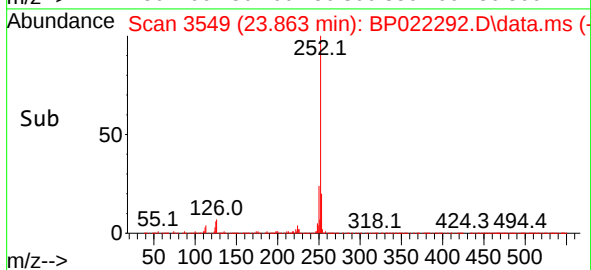
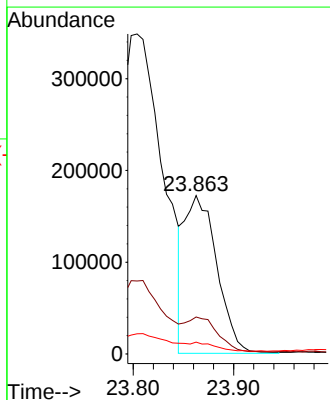
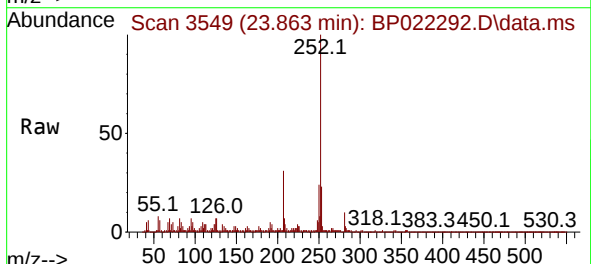
Manual Integrations
APPROVED

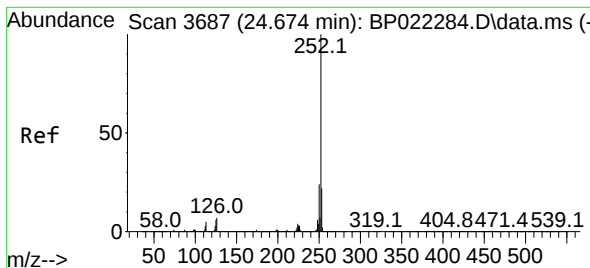
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/11/2024



#91
Benzo(k)fluoranthene
Concen: 4.708 ng/ul m
RT: 23.863 min Scan# 3549
Delta R.T. 0.006 min
Lab File: BP022292.D
Acq: 09 Oct 2024 16:21

Tgt Ion:252 Resp: 384374
Ion Ratio Lower Upper
252 100
253 23.3 17.4 26.0
125 7.4 4.6 6.8#





#93

Benzo(a)pyrene

Concen: 3.563 ng/ul

RT: 24.698 min Scan# 3691

Delta R.T. 0.024 min

Lab File: BP022292.D

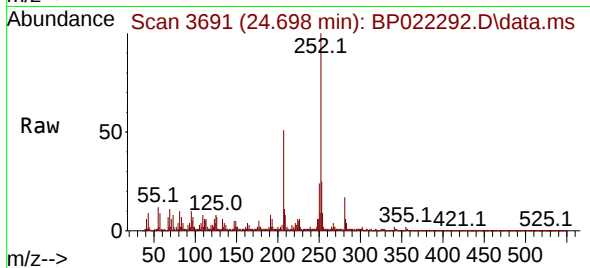
Acq: 09 Oct 2024 16:21

Instrument :

BNA_P

ClientSampleId :

A4ES7



Tgt Ion:252 Resp: 273480

Ion Ratio Lower Upper

252 100

253 24.6 17.7 26.5

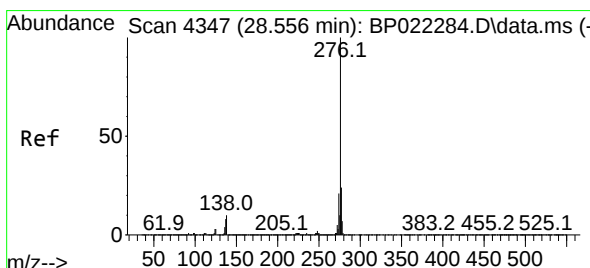
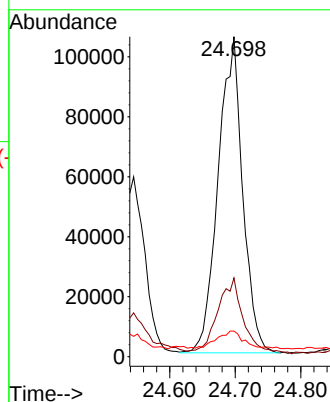
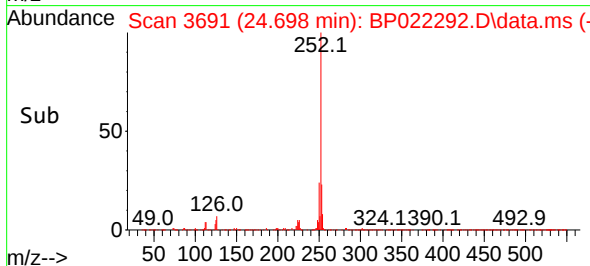
125 8.0 4.9 7.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/10/2024

Supervised By :mohammad ahmed 10/11/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 3.470 ng/ul m

RT: 28.568 min Scan# 4349

Delta R.T. 0.006 min

Lab File: BP022292.D

Acq: 09 Oct 2024 16:21

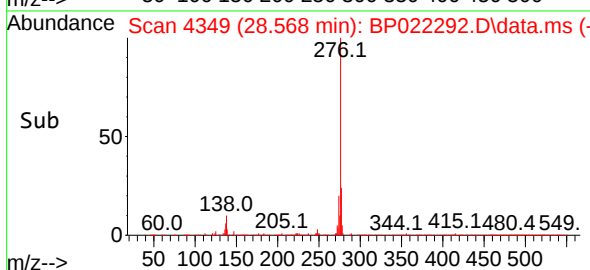
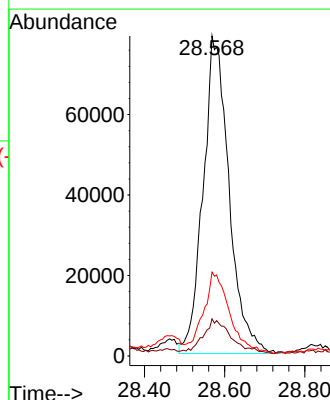
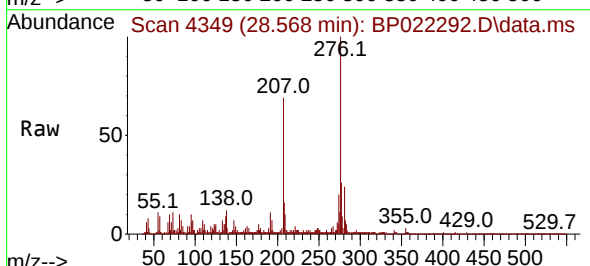
Tgt Ion:276 Resp: 355364

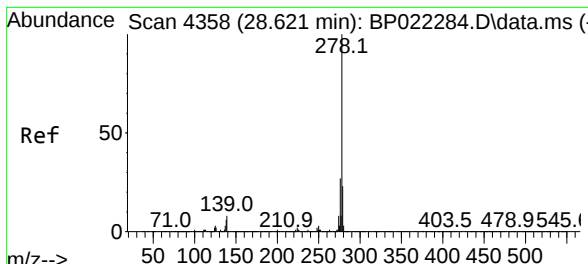
Ion Ratio Lower Upper

276 100

138 11.6 9.1 13.7

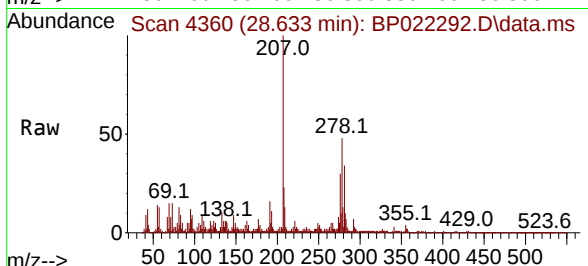
277 26.2 18.6 27.8





#95
 Dibenzo(a,h)anthracene
 Concen: 1.651 ng/ul
 RT: 28.633 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: BP022292.D
 Acq: 09 Oct 2024 16:21

Instrument :
 BNA_P
 ClientSampleId :
 A4ES7



Tgt Ion: 278 Resp: 13691

Ion	Ratio	Lower	Upper
278	100		
139	10.0	7.3	10.9
279	26.6	19.0	28.4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/10/2024
 Supervised By :mohammad ahmed 10/11/2024

