

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
 Data File : BP022559.D
 Acq On : 23 Oct 2024 12:08
 Operator : RC/JU
 Sample : P4361-13RX
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EOAZ4RX

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/24/2024
 Supervised By :mohammad ahmed 10/25/2024

Quant Time: Oct 23 23:23:43 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	7.658	152	82510	20.000	ng/u1	0.00
20) Naphthalene-d8	10.410	136	310159	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.263	164	251444	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.063	188	605045	20.000	ng/u1	-0.02
79) Chrysene-d12	21.486	240	713185	20.000	ng/u1	-0.01
88) Perylene-d12	24.739	264	870327	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	3116m	1.468	ng/uL	0.00
4) Pyridine-d5	3.628	84	7005m	1.202	ng/u1	0.02
7) Phenol-d5	6.852	99	51005	7.344	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.005	67	32779	8.030	ng/u1	0.00
11) 2-Chlorophenol-d4	7.205	132	41971	8.516	ng/u1	0.00
15) 4-Methylphenol-d8	8.363	113	43334	7.818	ng/u1	0.00
21) Nitrobenzene-d5	8.805	128	20640	8.655	ng/u1	0.00
24) 2-Nitrophenol-d4	9.510	143	22293	8.074	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.052	165	45511	7.756	ng/u1	0.00
31) 4-Chloroaniline-d4	10.557	131	44404	6.404	ng/u1	0.00
46) Dimethylphthalate-d6	13.663	166	170633	8.541	ng/u1	-0.02
49) Acenaphthylene-d8	13.951	160	175789	8.285	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.522	143	15780m	4.708	ng/u1	0.02
60) Fluorene-d10	15.275	176	164939	9.519	ng/u1	-0.02
65) 4,6-Dinitro-2-methylph...	15.404	200	11769	2.958	ng/u1	-0.01
73) Anthracene-d10	17.163	188	278368	9.780	ng/u1	0.00
81) Pyrene-d10	19.545	212	305865	8.110	ng/u1	-0.01
92) Benzo(a)pyrene-d12	24.521	264	286862	6.172	ng/u1	0.00
Target Compounds					Qvalue	
8) Phenol	6.881	94	7790	1.078	ng/u1	98
16) Acetophenone	8.469	105	30468	3.330	ng/u1	95
30) Naphthalene	10.463	128	23244	1.407	ng/u1	97
61) Fluorene	15.322	166	22516	1.181	ng/u1	96
72) Phenanthrene	17.104	178	308985	9.545	ng/u1	99
74) Anthracene	17.204	178	51567	1.596	ng/u1	96
80) Fluoranthene	19.198	202	511539	11.798	ng/u1	98
82) Pyrene	19.575	202	332098	7.146	ng/u1	98
85) Benzo(a)anthracene	21.469	228	224185	4.484	ng/u1	99
87) Chrysene	21.533	228	231715	4.998	ng/u1	96
90) Benzo(b)fluoranthene	23.721	252	310653	5.671	ng/u1	99
91) Benzo(k)fluoranthene	23.786	252	116424m	2.171	ng/u1	
93) Benzo(a)pyrene	24.598	252	112807	2.237	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	28.451	276	106975m	1.590	ng/u1	

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

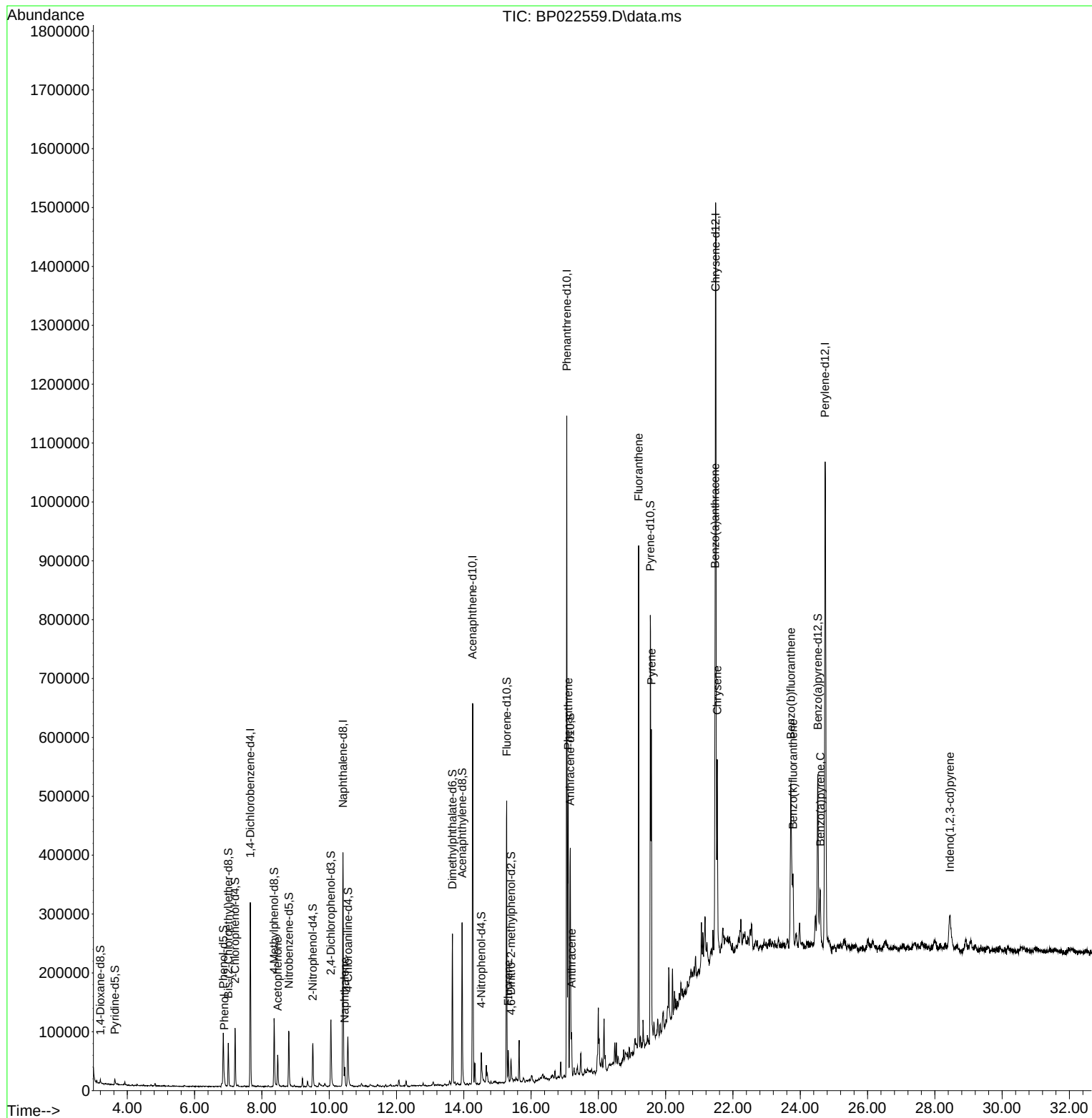
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
Data File : BP022559.D
Acq On : 23 Oct 2024 12:08
Operator : RC/JU
Sample : P4361-13RX
Misc :
ALS Vial : 61 Sample Multiplier: 1

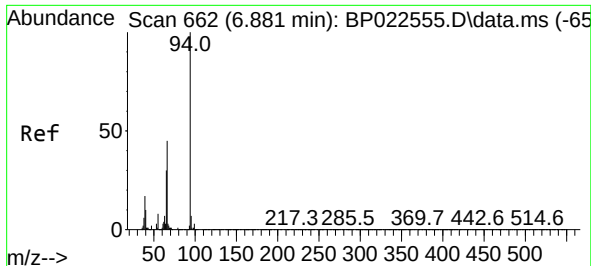
Instrument :
BNA_P
ClientSampleId :
EOAZ4RX

Quant Time: Oct 23 23:23:43 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
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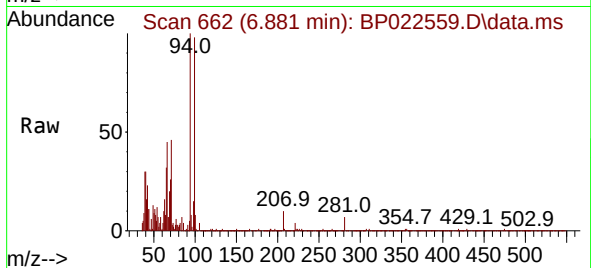
Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/25/2024





#8
Phenol
Concen: 1.078 ng/ul
RT: 6.881 min Scan# 662
Delta R.T. 0.000 min
Lab File: BP022559.D
Acq: 23 Oct 2024 12:08

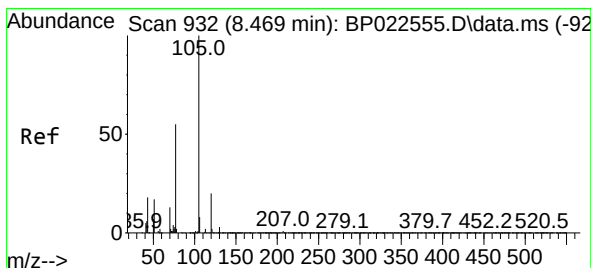
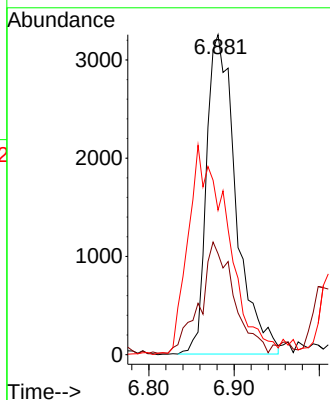
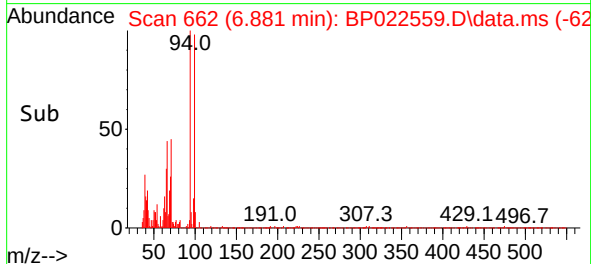
Instrument :
BNA_P
ClientSampleId :
EOAZ4RX



Tgt Ion: 94 Resp: 7790
Ion Ratio Lower Upper
94 100
65 31.6 25.9 38.9
66 45.2 37.6 56.4

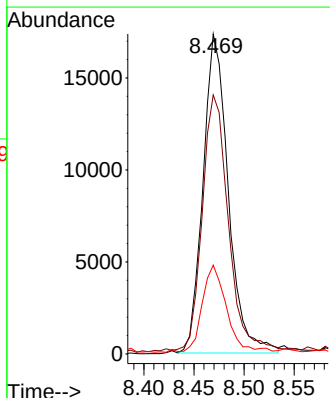
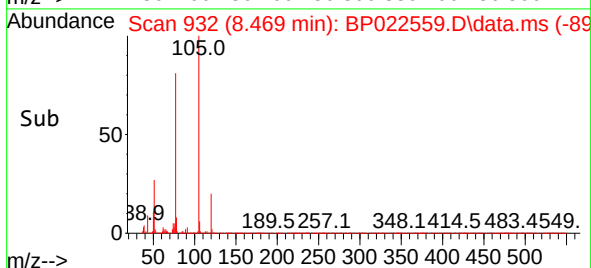
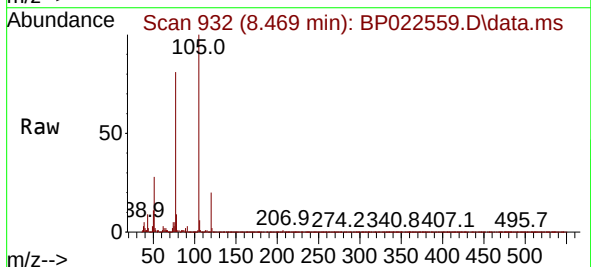
Manual Integrations
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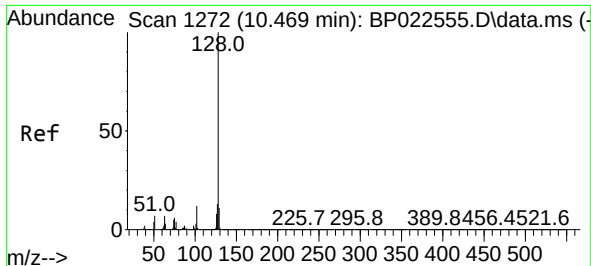
Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#16
Acetophenone
Concen: 3.330 ng/ul
RT: 8.469 min Scan# 932
Delta R.T. 0.000 min
Lab File: BP022559.D
Acq: 23 Oct 2024 12:08

Tgt Ion:105 Resp: 30468
Ion Ratio Lower Upper
105 100
77 80.9 69.0 103.4
51 27.8 22.6 33.8





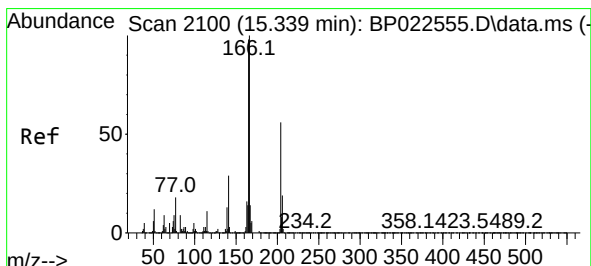
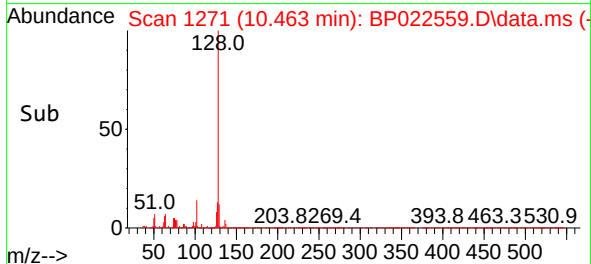
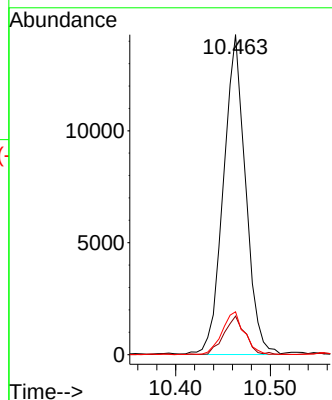
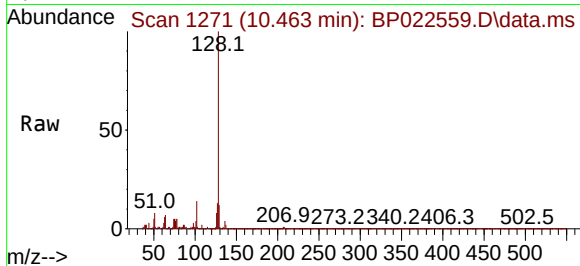
#30
Naphthalene
Concen: 1.407 ng/ul
RT: 10.463 min Scan# 1097
Delta R.T. -0.006 min
Lab File: BP022559.D
Acq: 23 Oct 2024 12:08

Instrument :
BNA_P
ClientSampleId :
EOAZ4RX

Tgt Ion:128	Resp:	2324
Ion Ratio	Lower	Upper
128	100	
129	12.0	8.6 12.8
127	13.4	9.9 14.9

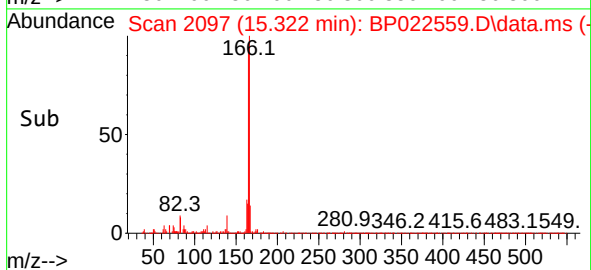
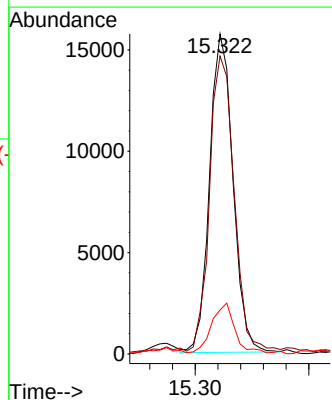
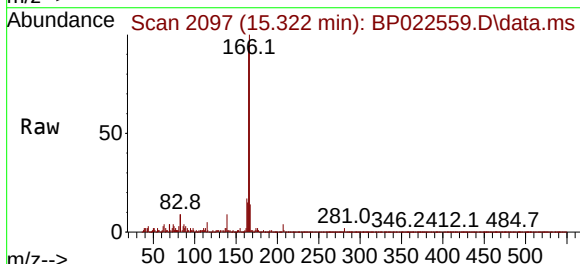
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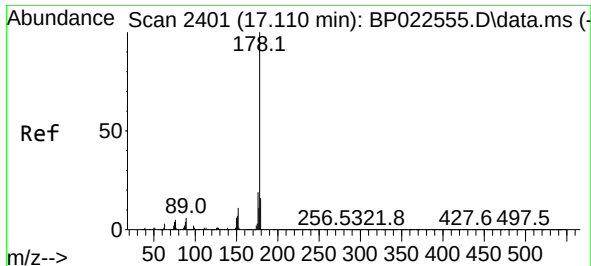
Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#61
Fluorene
Concen: 1.181 ng/ul
RT: 15.322 min Scan# 2097
Delta R.T. -0.017 min
Lab File: BP022559.D
Acq: 23 Oct 2024 12:08

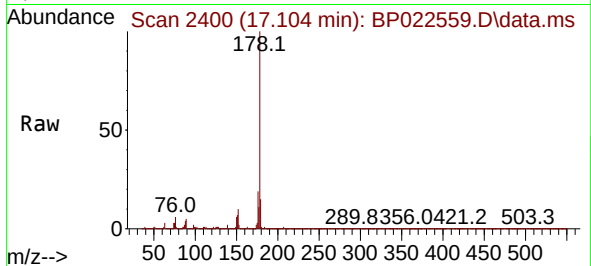
Tgt Ion:166	Resp:	22516
Ion Ratio	Lower	Upper
166	100	
165	93.1	77.8 116.6
167	13.7	11.1 16.7





#72
Phenanthrene
Concen: 9.545 ng/u1
RT: 17.104 min Scan# 2401
Delta R.T. -0.011 min
Lab File: BP022559.D
Acq: 23 Oct 2024 12:08

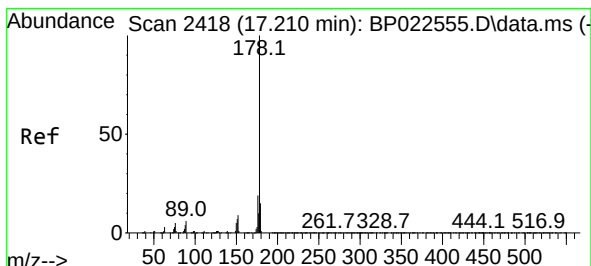
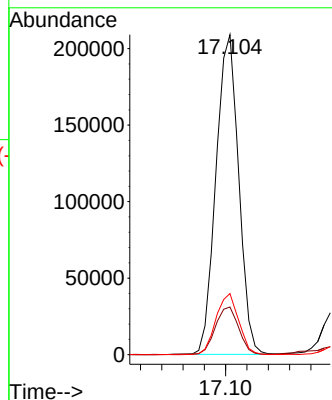
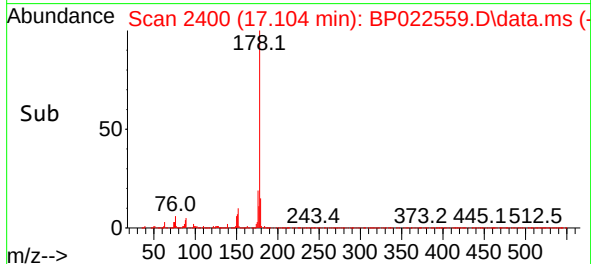
Instrument :
BNA_P
ClientSampleId :
EOAZ4RX



Tgt Ion:178 Resp: 308985
Ion Ratio Lower Upper
178 100
179 14.9 12.2 18.4
176 19.1 15.7 23.5

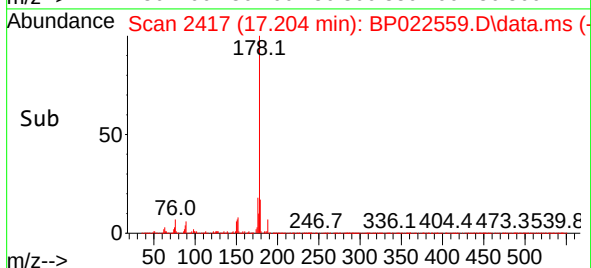
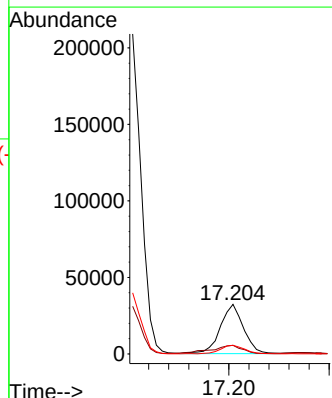
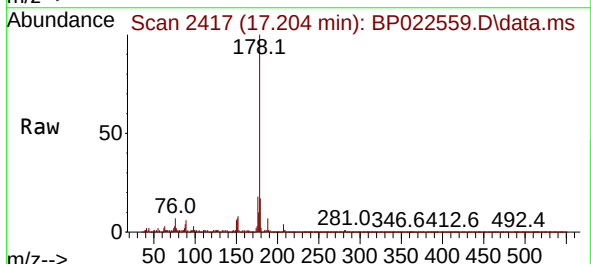
Manual Integrations
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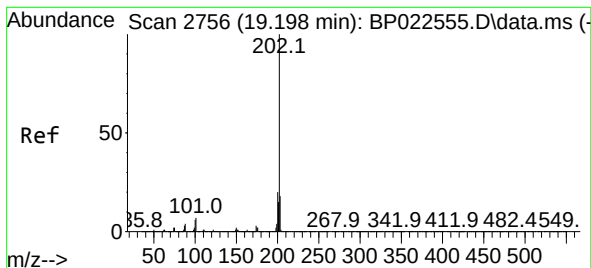
Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#74
Anthracene
Concen: 1.596 ng/u1
RT: 17.204 min Scan# 2417
Delta R.T. 0.000 min
Lab File: BP022559.D
Acq: 23 Oct 2024 12:08

Tgt Ion:178 Resp: 51567
Ion Ratio Lower Upper
178 100
179 17.4 12.0 18.0
176 17.6 15.0 22.4





#80

Fluoranthene

Concen: 11.798 ng/ul

RT: 19.198 min Scan# 21

Delta R.T. -0.011 min

Lab File: BP022559.D

Acq: 23 Oct 2024 12:08

Instrument :

BNA_P

ClientSampleId :

EOAZ4RX

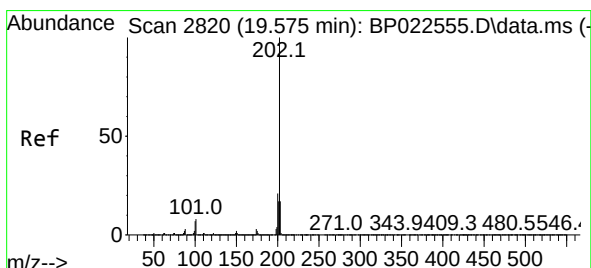
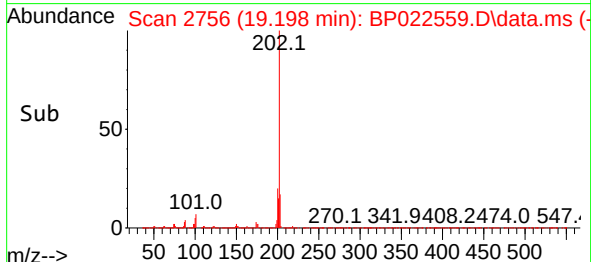
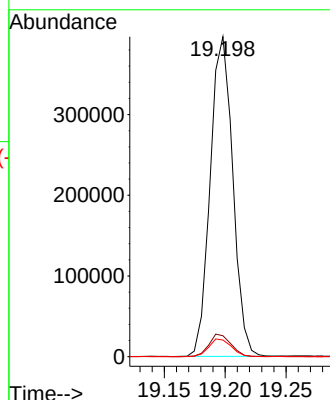
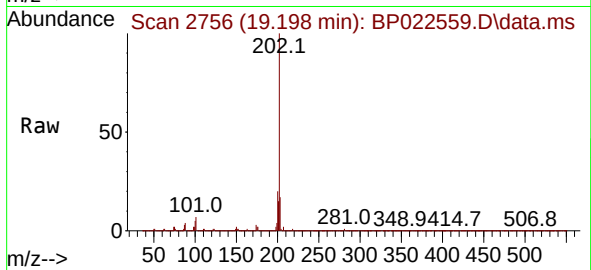
Tgt Ion:	202	Resp:	511539
Ion Ratio	Lower	Upper	
202	100		
101	6.6	5.8	8.8
100	5.2	4.5	6.7

Manual Integrations

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Reviewed By :Yogesh Patel 10/24/2024

Supervised By :mohammad ahmed 10/25/2024



#82

Pyrene

Concen: 7.146 ng/ul

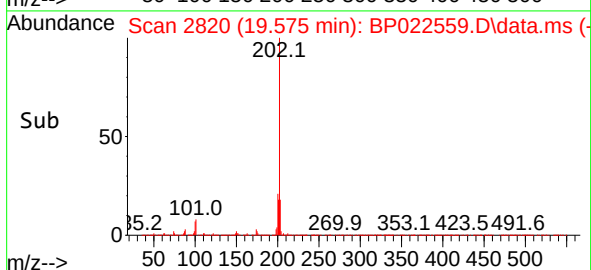
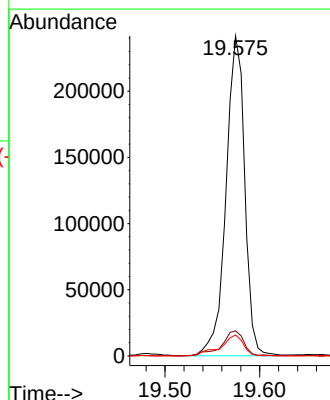
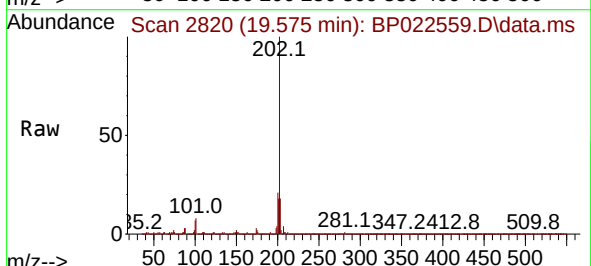
RT: 19.575 min Scan# 2820

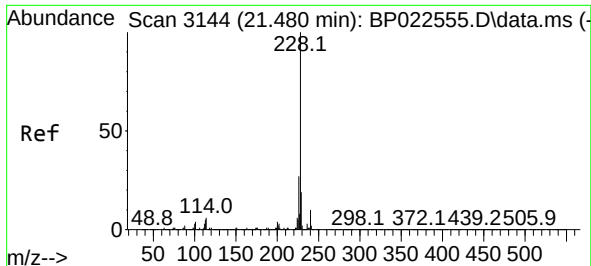
Delta R.T. -0.011 min

Lab File: BP022559.D

Acq: 23 Oct 2024 12:08

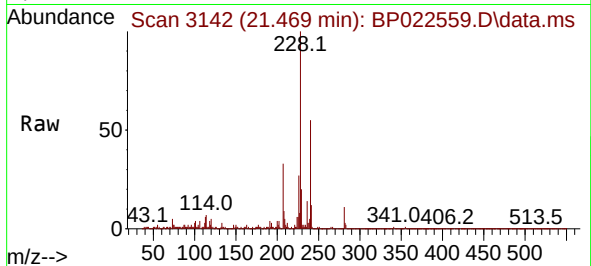
Tgt Ion:	202	Resp:	332098
Ion Ratio	Lower	Upper	
202	100		
101	7.9	6.7	10.1
100	6.5	5.8	8.6





#85
Benzo(a)anthracene
Concen: 4.484 ng/u1
RT: 21.469 min Scan# 3144
Delta R.T. -0.011 min
Lab File: BP022559.D
Acq: 23 Oct 2024 12:08

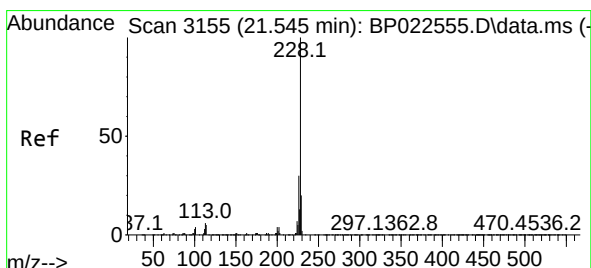
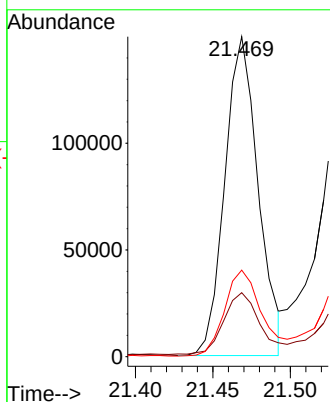
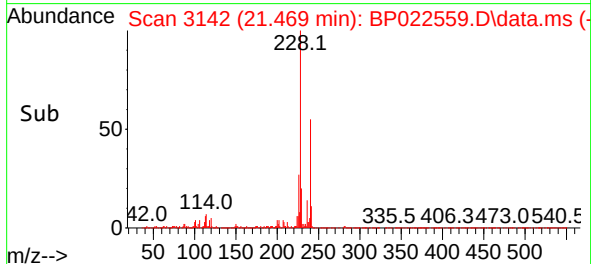
Instrument :
BNA_P
ClientSampleId :
EOAZ4RX



Tgt Ion:228 Resp: 224185
Ion Ratio Lower Upper
228 100
229 20.0 15.4 23.0
226 27.0 21.5 32.3

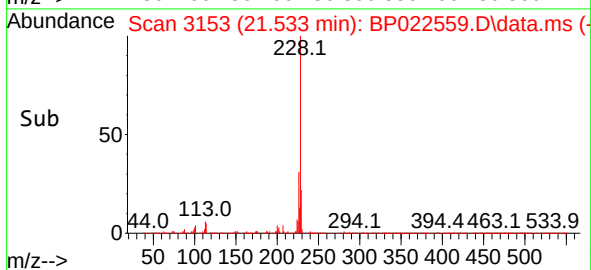
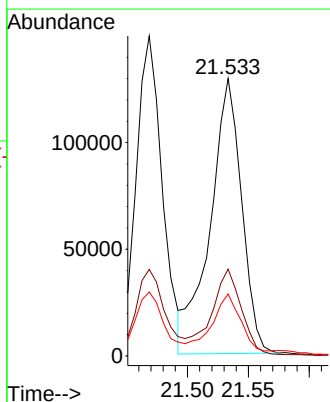
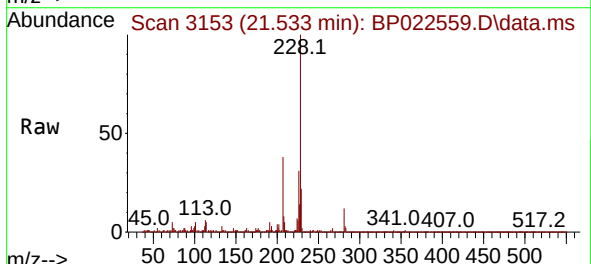
Manual Integrations
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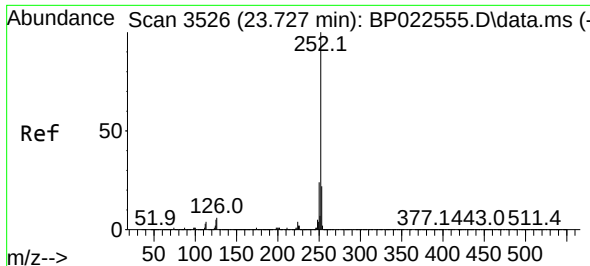
Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#87
Chrysene
Concen: 4.998 ng/u1
RT: 21.533 min Scan# 3153
Delta R.T. -0.011 min
Lab File: BP022559.D
Acq: 23 Oct 2024 12:08

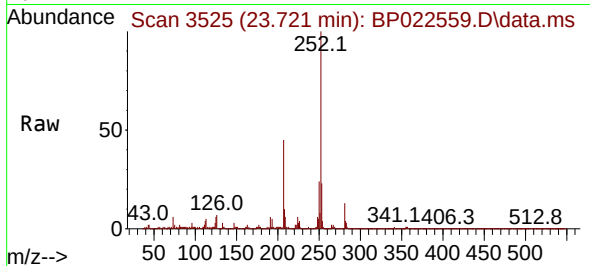
Tgt Ion:228 Resp: 231715
Ion Ratio Lower Upper
228 100
226 31.3 23.8 35.8
229 22.3 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 5.671 ng/ul
RT: 23.721 min Scan# 3526
Delta R.T. 0.000 min
Lab File: BP022559.D
Acq: 23 Oct 2024 12:08

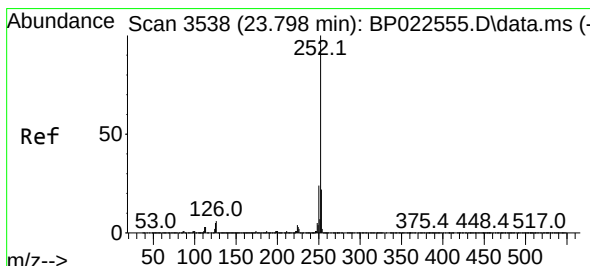
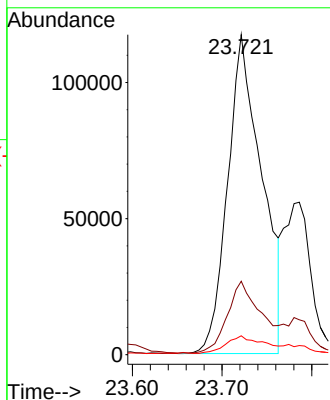
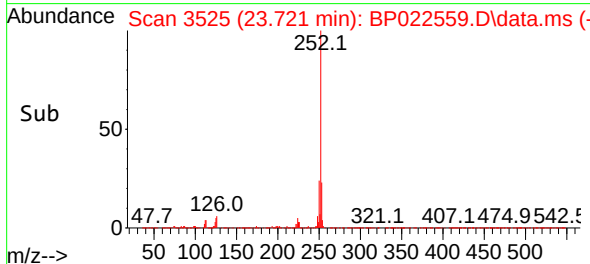
Instrument :
BNA_P
ClientSampleId :
EOAZ4RX



Tgt Ion:252 Resp: 31065
Ion Ratio Lower Upper
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253 22.9 17.8 26.8
125 5.9 5.0 7.4

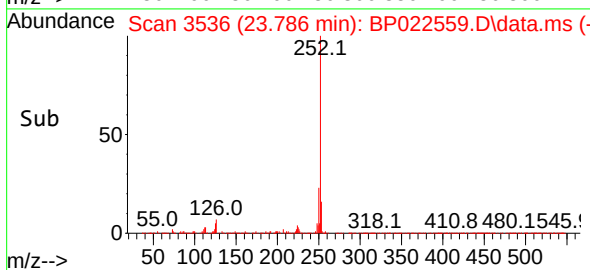
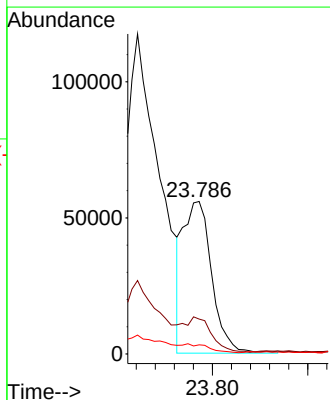
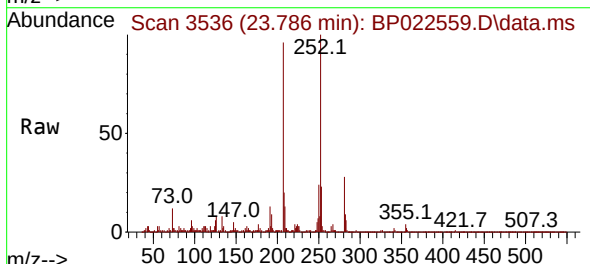
Manual Integrations
APPROVED

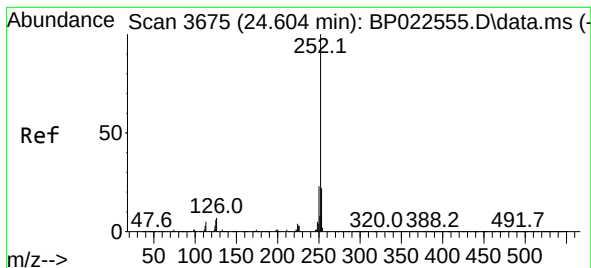
Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#91
Benzo(k)fluoranthene
Concen: 2.171 ng/ul m
RT: 23.786 min Scan# 3536
Delta R.T. -0.006 min
Lab File: BP022559.D
Acq: 23 Oct 2024 12:08

Tgt Ion:252 Resp: 116424
Ion Ratio Lower Upper
252 100
253 22.9 17.4 26.0
125 6.0 4.6 6.8





#93

Benzo(a)pyrene

Concen: 2.237 ng/ul

RT: 24.598 min Scan# 3

Delta R.T. -0.006 min

Lab File: BP022559.D

Acq: 23 Oct 2024 12:08

Instrument :

BNA_P

ClientSampleId :

EOAZ4RX

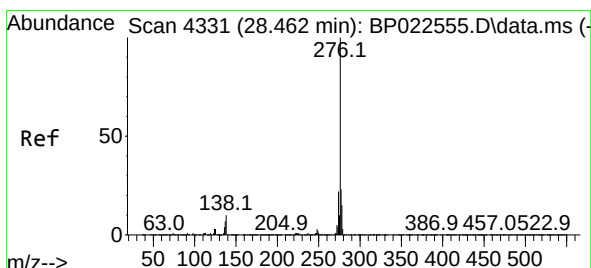
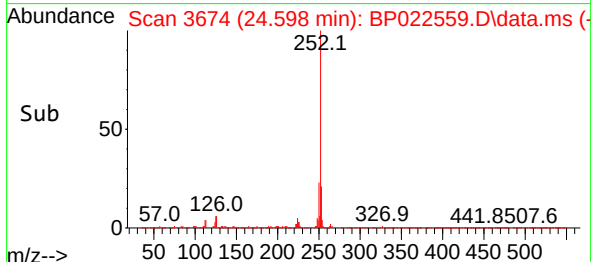
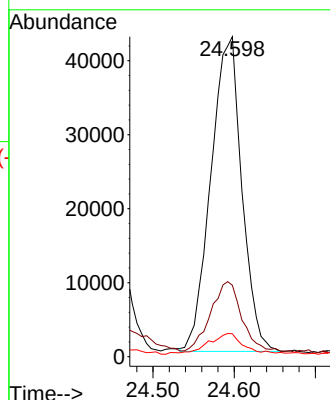
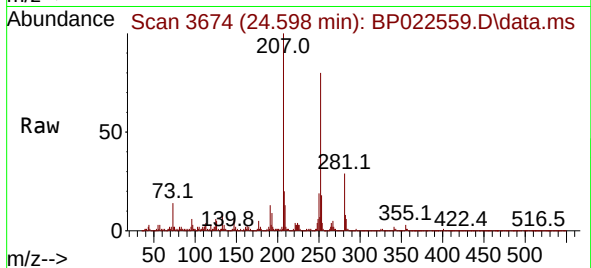
Tgt Ion:	252	Resp:	11280
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.7	26.5
125	7.2	4.9	7.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/24/2024

Supervised By :mohammad ahmed 10/25/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 1.590 ng/ul m

RT: 28.451 min Scan# 4329

Delta R.T. 0.018 min

Lab File: BP022559.D

Acq: 23 Oct 2024 12:08

Tgt Ion:	276	Resp:	106975
Ion Ratio	Lower	Upper	
276	100		
138	9.4	9.1	13.7
277	25.6	18.6	27.8

