

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092723\
 Data File : BP017405.D
 Acq On : 27 Sep 2023 19:59
 Operator : MA/JU
 Sample : 04472-09
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EZYE9

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 09/28/2023
 Supervised By :mohammad ahmed 09/29/2023

Quant Time: Sep 27 23:24:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 26 04:52:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	120895	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.739	136	555427	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.580	164	354505	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.351	188	828862	20.000	ng/u1	0.00
79) Chrysene-d12	21.456	240	795876	20.000	ng/u1	0.00
88) Perylene-d12	23.968	264	883179	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	12397	4.212	ng/uL	0.00
4) Pyridine-d5	3.746	84	20275m	2.464	ng/u1	0.02
7) Phenol-d5	7.075	99	221291	22.287	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.263	67	150536	25.122	ng/u1	0.00
11) 2-Chlorophenol-d4	7.440	132	184996	23.491	ng/u1	0.00
15) 4-Methylphenol-d8	8.634	113	110870	14.363	ng/u1	0.00
21) Nitrobenzene-d5	9.116	128	90453	22.527	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.834	143	94786	21.740	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.357	165	176430	21.418	ng/u1	0.00
31) 4-Chloroaniline-d4	10.910	131	159967	13.406	ng/u1	0.00
46) Dimethylphthalate-d6	13.998	166	638897	25.158	ng/u1	0.00
49) Acenaphthylene-d8	14.280	160	674997	23.110	ng/u1	0.00
54) 4-Nitrophenol-d4	14.816	143	48587	10.982	ng/u1	0.00
60) Fluorene-d10	15.574	176	576352	26.362	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.710	200	40808	8.735	ng/u1	0.00
73) Anthracene-d10	17.451	188	866062	23.559	ng/u1	0.00
81) Pyrene-d10	19.698	212	1221878	28.390	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.803	264	1155849	27.182	ng/u1	0.00
Target Compounds					Qvalue	
8) Phenol	7.104	94	14936	1.496	ng/u1#	86
16) Acetophenone	8.769	105	104128	8.729	ng/u1	98
72) Phenanthrene	17.398	178	452099	10.414	ng/u1	99
74) Anthracene	17.486	178	75621	1.719	ng/u1	98
80) Fluoranthene	19.368	202	725529	14.455	ng/u1	99
82) Pyrene	19.721	202	657138	12.316	ng/u1	99
85) Benzo(a)anthracene	21.439	228	342834	6.383	ng/u1	98
87) Chrysene	21.498	228	348061m	6.885	ng/u1	
90) Benzo(b)fluoranthene	23.186	252	473574	9.095	ng/u1	97
91) Benzo(k)fluoranthene	23.233	252	178669m	3.401	ng/u1	
93) Benzo(a)pyrene	23.851	252	372929	7.485	ng/u1	95
94) Indeno(1,2,3-cd)pyrene	26.621	276	267622	4.286	ng/u1	96
95) Dibenzo(a,h)anthracene	26.639	278	65133	1.252	ng/u1#	93
96) Benzo(g,h,i)perylene	27.456	276	256756	5.099	ng/u1	97

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

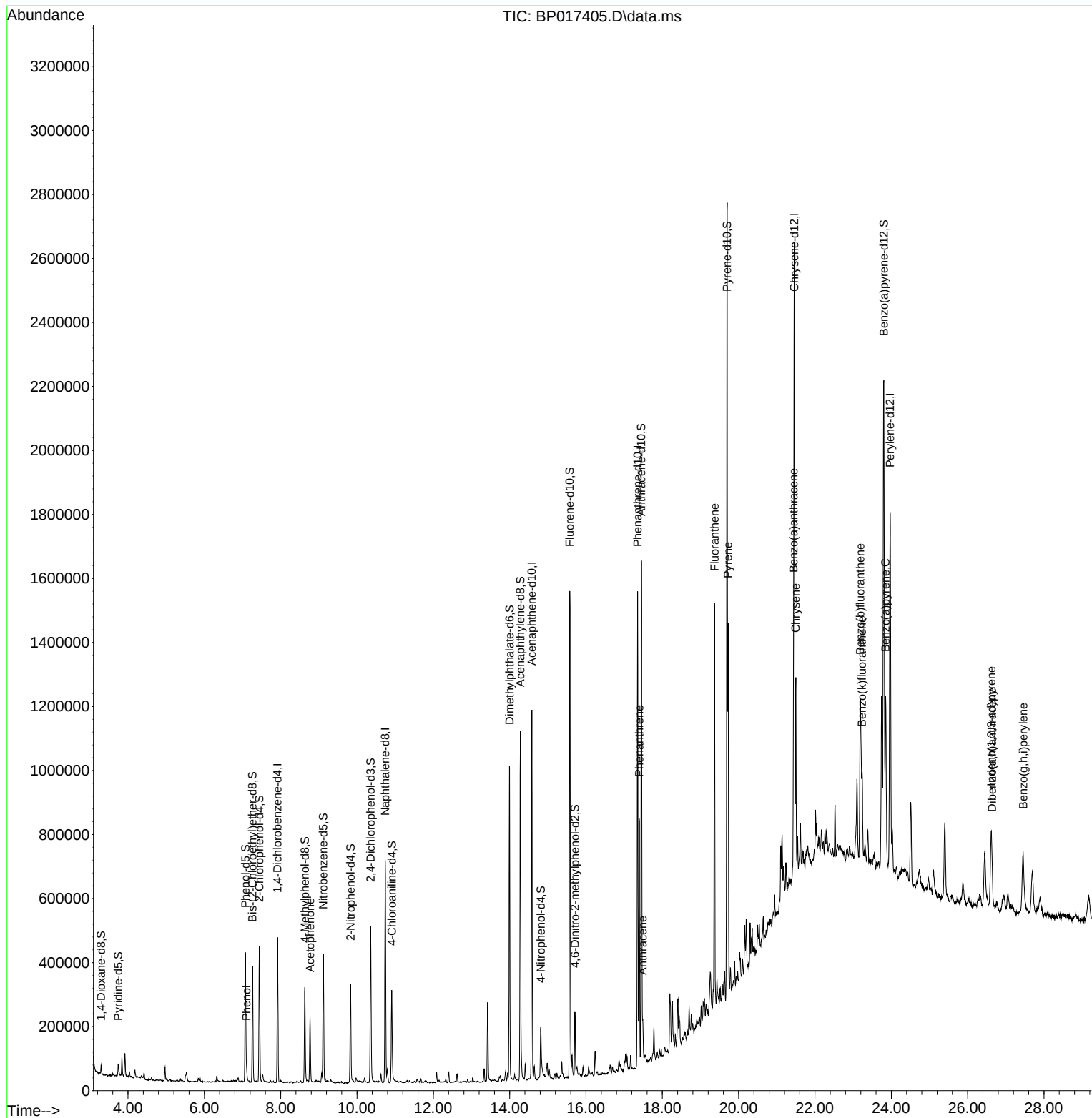
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092723\
Data File : BP017405.D
Acq On : 27 Sep 2023 19:59
Operator : MA/JU
Sample : 04472-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

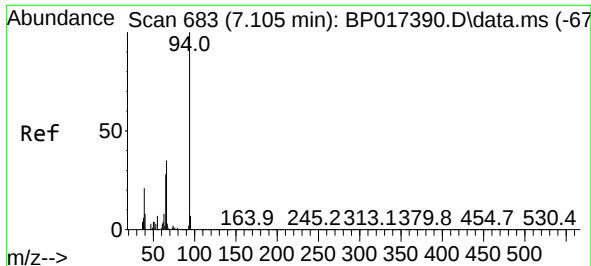
Instrument :
BNA_P
ClientSampleId :
EZY9

Quant Time: Sep 27 23:24:09 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

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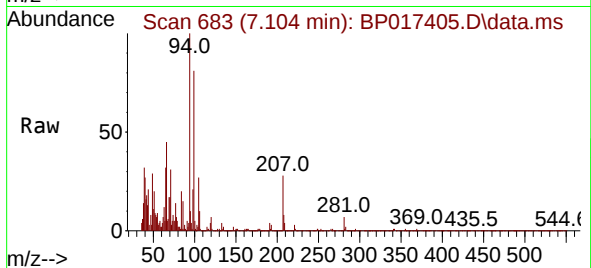
Reviewed By :Jagrut Upadhyay 09/28/2023
Supervised By :mohammad ahmed 09/29/2023





#8
Phenol
Concen: 1.496 ng/u1
RT: 7.104 min Scan# 683
Delta R.T. -0.006 min
Lab File: BP017405.D
Acq: 27 Sep 2023 19:59

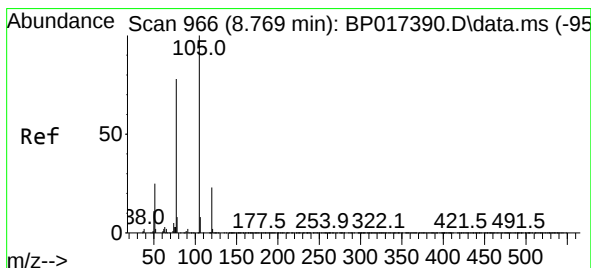
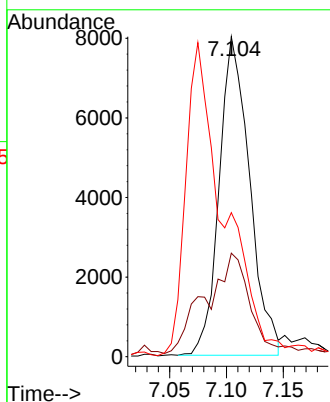
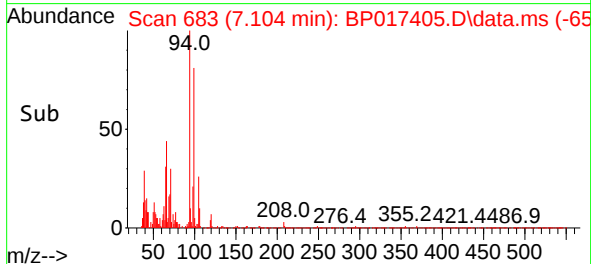
Instrument :
BNA_P
ClientSampleId :
EZY9



Tgt Ion: 94 Resp: 14930
Ion Ratio Lower Upper
94 100
65 32.4 21.4 32.2
66 45.0 28.2 42.2

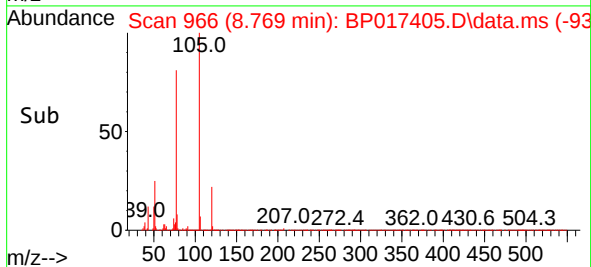
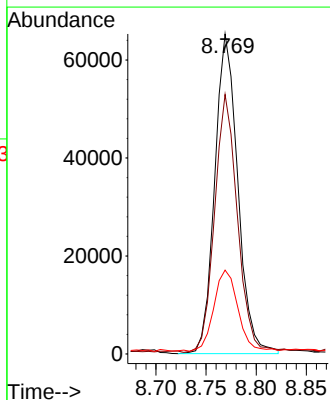
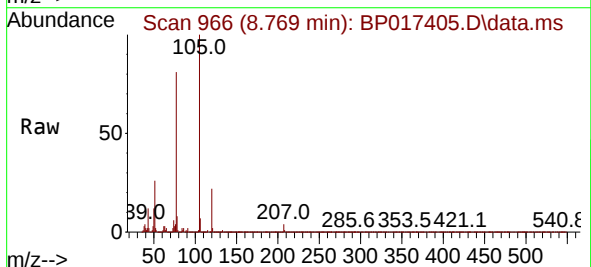
Manual Integrations
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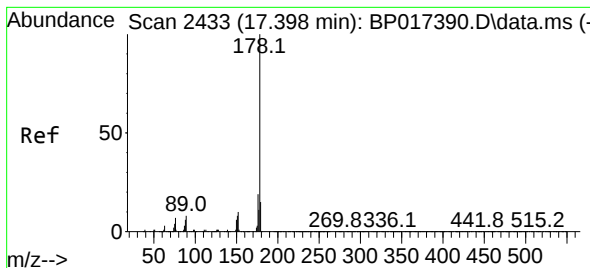
Reviewed By :Jagrut Upadhyay 09/28/2023
Supervised By :mohammad ahmed 09/29/2023



#16
Acetophenone
Concen: 8.729 ng/u1
RT: 8.769 min Scan# 966
Delta R.T. -0.006 min
Lab File: BP017405.D
Acq: 27 Sep 2023 19:59

Tgt Ion:105 Resp: 104128
Ion Ratio Lower Upper
105 100
77 81.1 63.6 95.4
51 26.2 19.2 28.8





#72

Phenanthrene

Concen: 10.414 ng/ul

RT: 17.398 min Scan# 2433

Delta R.T. -0.006 min

Lab File: BP017405.D

Acq: 27 Sep 2023 19:59

Instrument :

BNA_P

ClientSampleId :

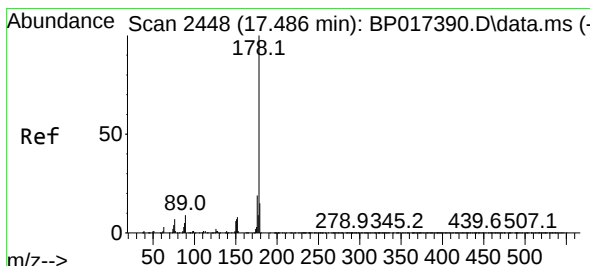
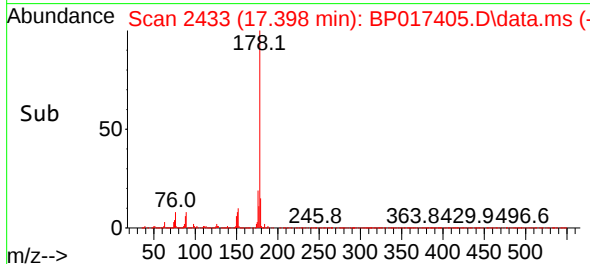
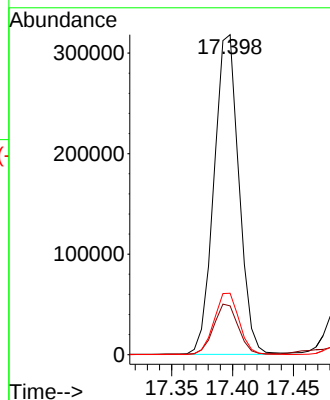
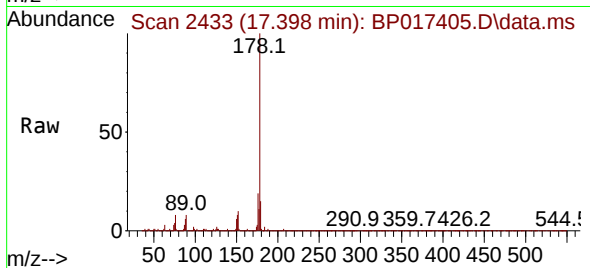
EZY9

Tgt Ion:178	Resp: 452099
Ion Ratio	Lower Upper
178	100
179	15.3 12.7 19.1
176	19.2 15.8 23.6

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Reviewed By :Jagrut Upadhyay 09/28/2023
Supervised By :mohammad ahmed 09/29/2023



#74

Anthracene

Concen: 1.719 ng/ul

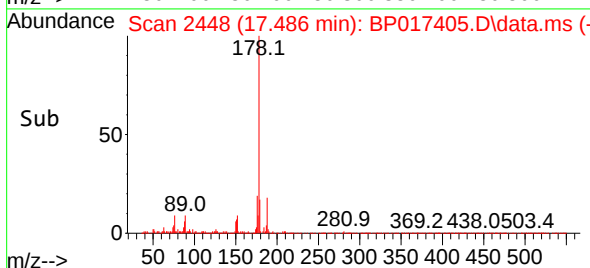
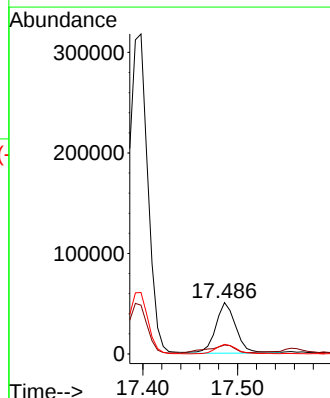
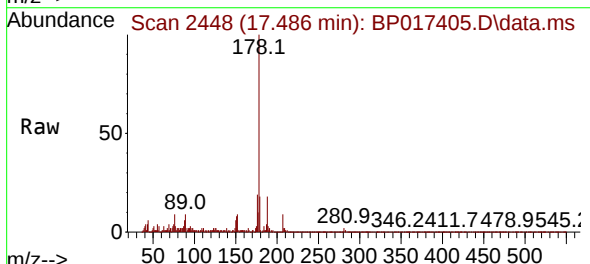
RT: 17.486 min Scan# 2448

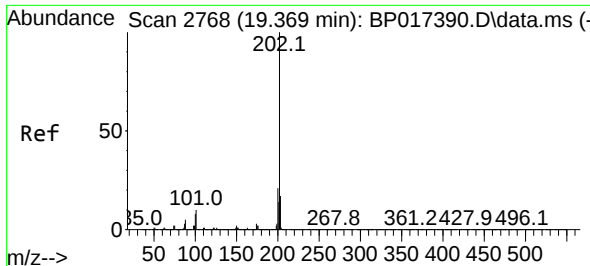
Delta R.T. -0.006 min

Lab File: BP017405.D

Acq: 27 Sep 2023 19:59

Tgt Ion:178	Resp: 75621
Ion Ratio	Lower Upper
178	100
179	17.5 12.5 18.7
176	18.8 15.1 22.7





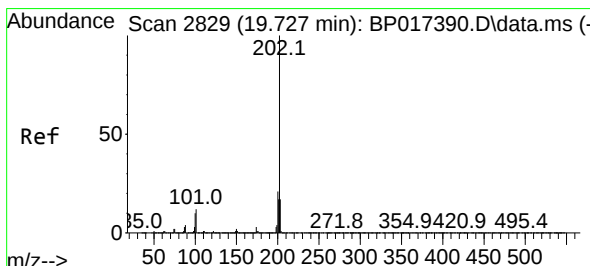
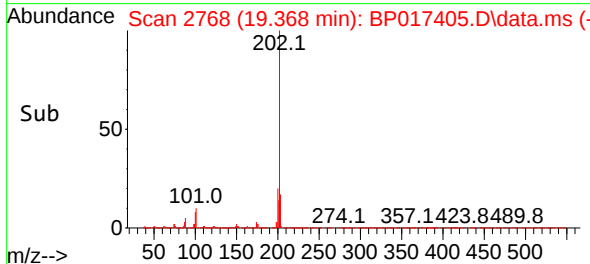
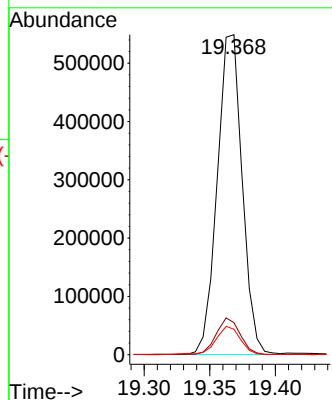
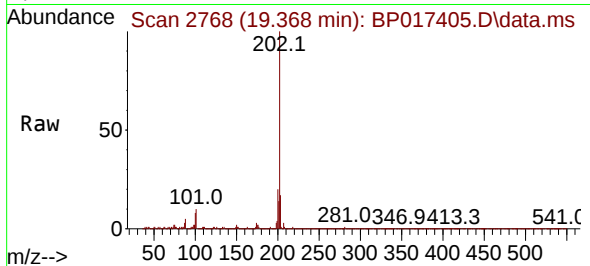
#80
Fluoranthene
Concen: 14.455 ng/ul
RT: 19.368 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP017405.D
Acq: 27 Sep 2023 19:59

Instrument :
BNA_P
ClientSampleId :
EZY9

Tgt Ion:202 Resp: 725529
Ion Ratio Lower Upper
202 100
101 10.0 8.4 12.6
100 7.9 6.6 10.0

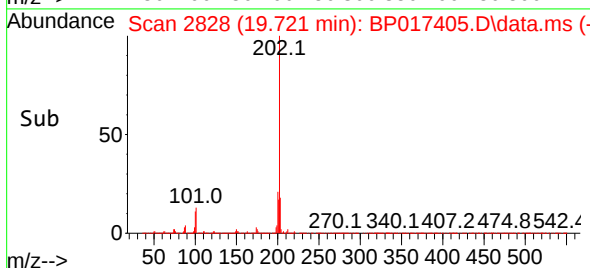
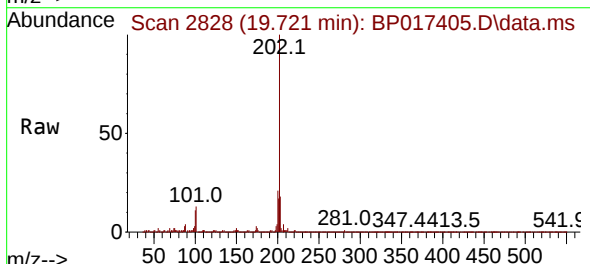
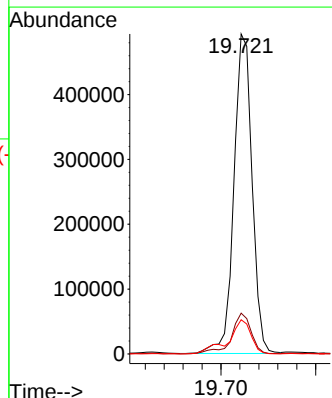
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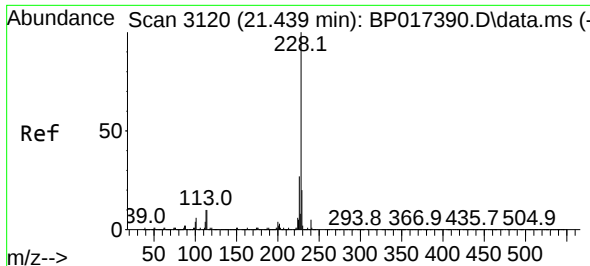
Reviewed By :Jagrut Upadhyay 09/28/2023
Supervised By :mohammad ahmed 09/29/2023



#82
Pyrene
Concen: 12.316 ng/ul
RT: 19.721 min Scan# 2828
Delta R.T. -0.006 min
Lab File: BP017405.D
Acq: 27 Sep 2023 19:59

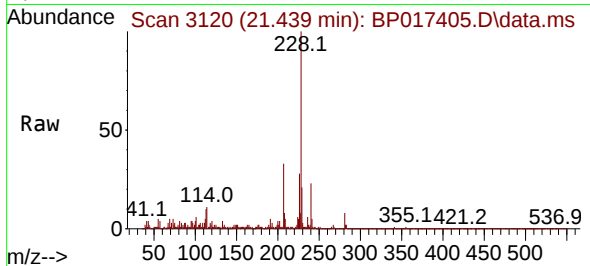
Tgt Ion:202 Resp: 657138
Ion Ratio Lower Upper
202 100
101 12.8 9.8 14.8
100 10.7 8.1 12.1





#85
Benzo(a)anthracene
Concen: 6.383 ng/ul
RT: 21.439 min Scan# 3120
Delta R.T. -0.006 min
Lab File: BP017405.D
Acq: 27 Sep 2023 19:59

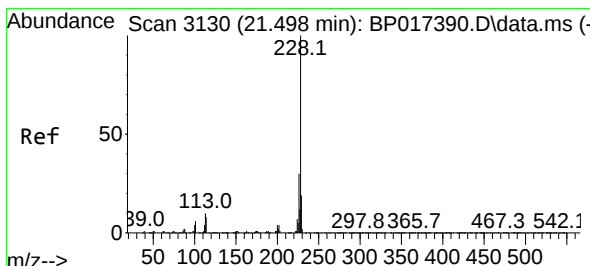
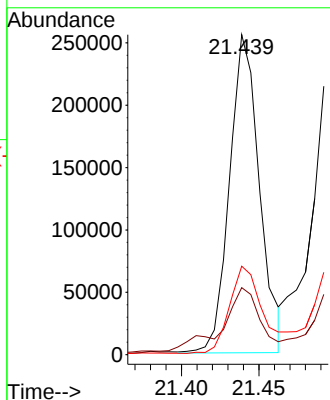
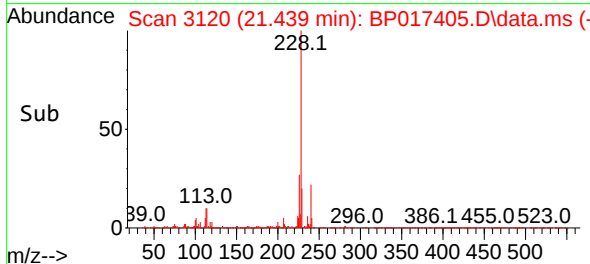
Instrument :
BNA_P
ClientSampleId :
EZY9



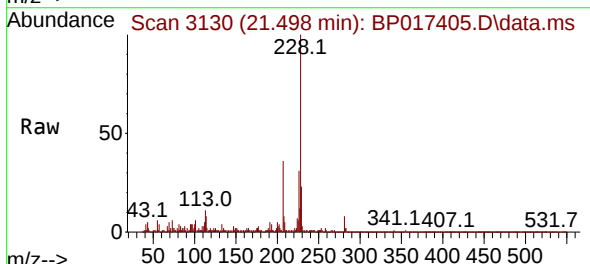
Tgt Ion:228 Resp: 342834
Ion Ratio Lower Upper
228 100
229 21.0 15.8 23.6
226 27.7 21.8 32.8

Manual Integrations
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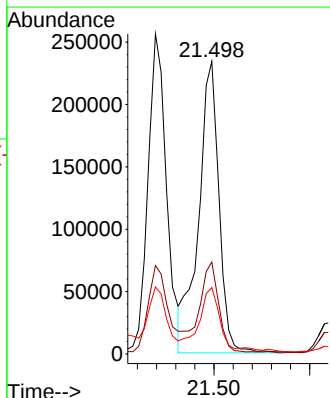
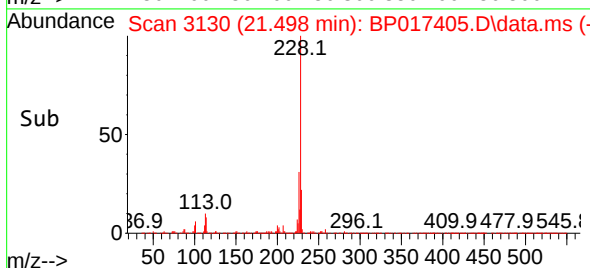
Reviewed By :Jagrut Upadhyay 09/28/2023
Supervised By :mohammad ahmed 09/29/2023

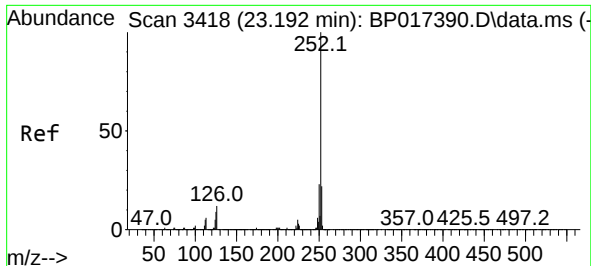


#87
Chrysene
Concen: 6.885 ng/ul m
RT: 21.498 min Scan# 3130
Delta R.T. -0.006 min
Lab File: BP017405.D
Acq: 27 Sep 2023 19:59



Tgt Ion:228 Resp: 348061
Ion Ratio Lower Upper
228 100
226 31.5 24.1 36.1
229 22.7 15.0 22.6#





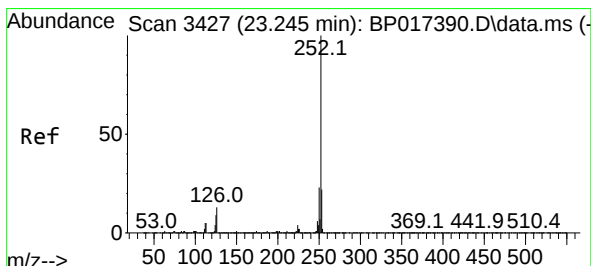
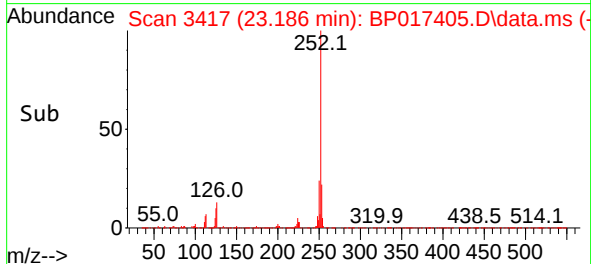
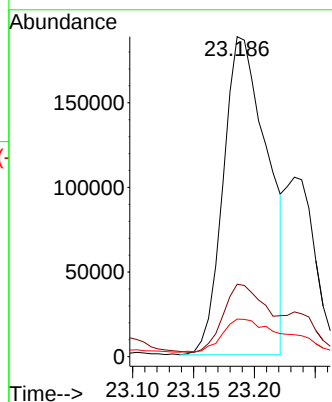
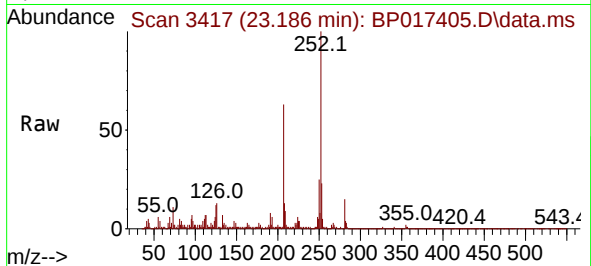
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Benzo(b)fluoranthene
Concen: 9.095 ng/ul
RT: 23.186 min Scan# 3418
Delta R.T. -0.006 min
Lab File: BP017405.D
Acq: 27 Sep 2023 19:59

Instrument :
BNA_P
ClientSampleId :
EZY9

Tgt Ion:252 Resp: 473574
Ion Ratio Lower Upper
252 100
253 22.7 17.4 26.0
125 11.7 7.8 11.8

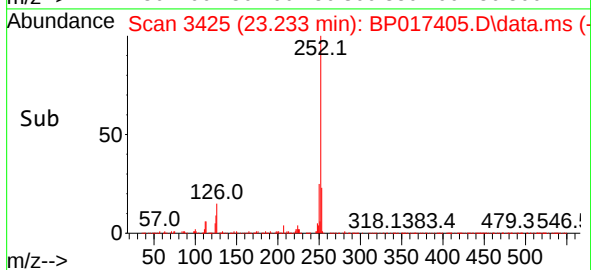
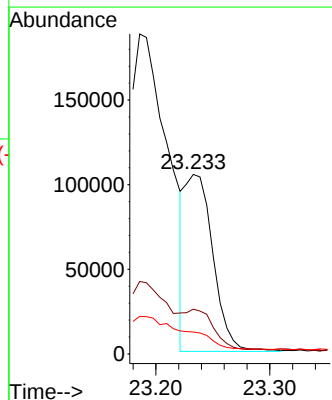
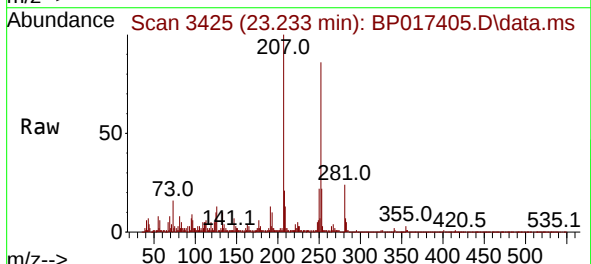
Manual Integrations
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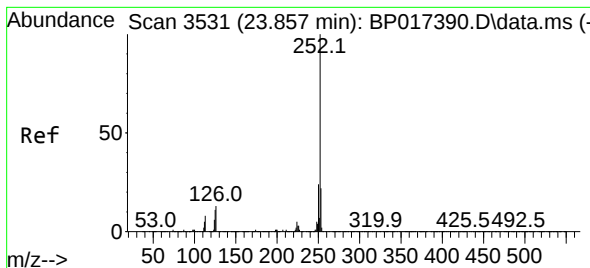
Reviewed By :Jagrut Upadhyay 09/28/2023
Supervised By :mohammad ahmed 09/29/2023



#91
Benzo(k)fluoranthene
Concen: 3.401 ng/ul m
RT: 23.233 min Scan# 3425
Delta R.T. -0.012 min
Lab File: BP017405.D
Acq: 27 Sep 2023 19:59

Tgt Ion:252 Resp: 178669
Ion Ratio Lower Upper
252 100
253 25.0 17.9 26.9
125 12.2 7.8 11.6#





#93

Benzo(a)pyrene

Concen: 7.485 ng/ul

RT: 23.851 min Scan# 3531

Delta R.T. -0.012 min

Lab File: BP017405.D

Acq: 27 Sep 2023 19:59

Instrument :

BNA_P

ClientSampleId :

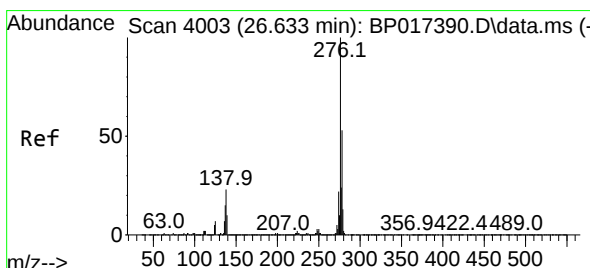
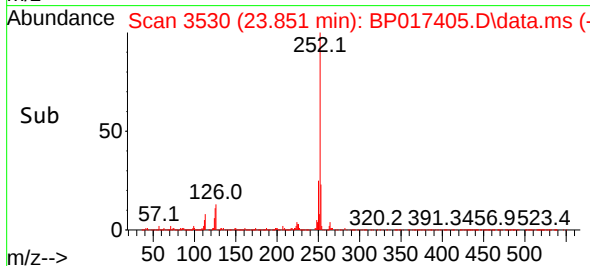
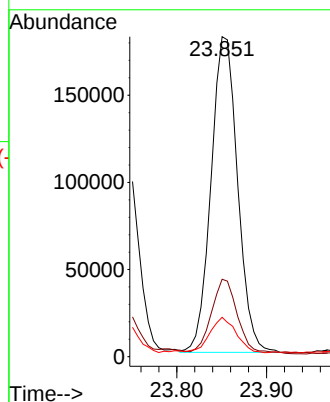
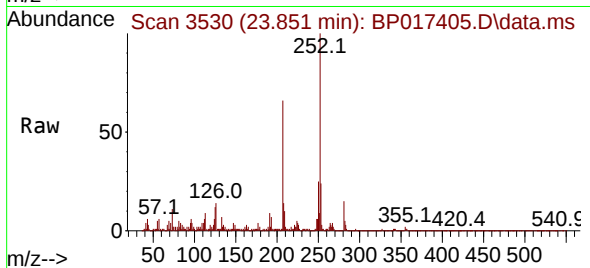
EZY9

Tgt Ion:	252	Resp:	372929
Ion Ratio	Lower	Upper	
252	100		
253	24.2	17.4	26.0
125	12.3	8.9	13.3

Manual Integrations

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Supervised By :mohammad ahmed 09/29/2023



#94

Indeno(1,2,3-cd)pyrene

Concen: 4.286 ng/ul

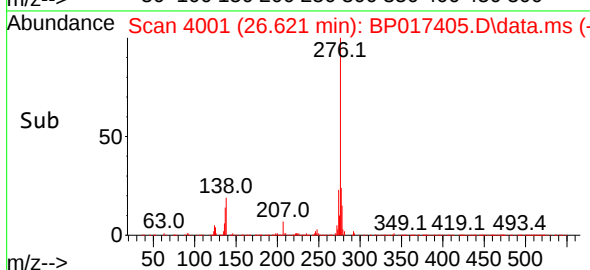
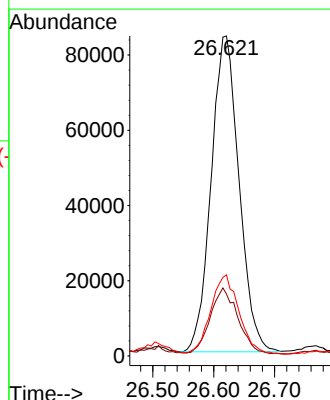
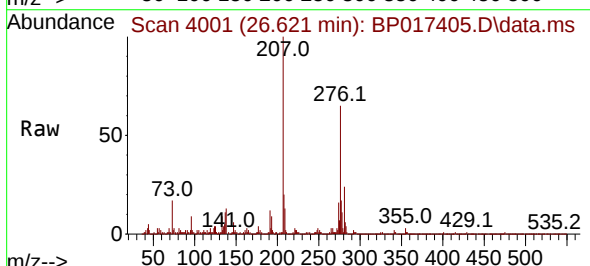
RT: 26.621 min Scan# 4001

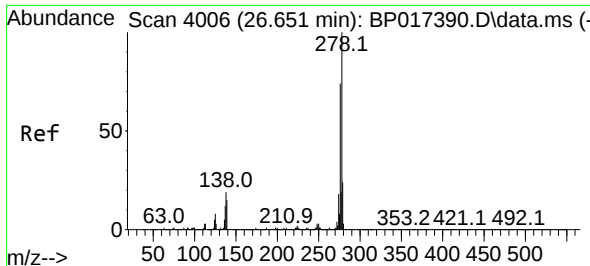
Delta R.T. -0.012 min

Lab File: BP017405.D

Acq: 27 Sep 2023 19:59

Tgt Ion:	276	Resp:	267622
Ion Ratio	Lower	Upper	
276	100		
138	19.4	17.9	26.9
277	25.3	19.5	29.3





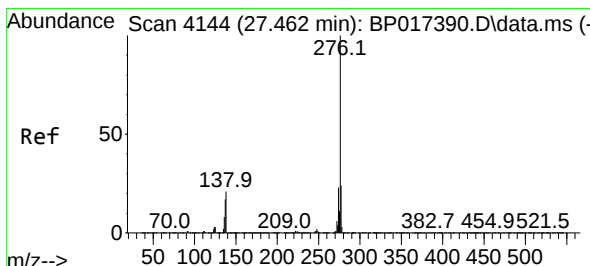
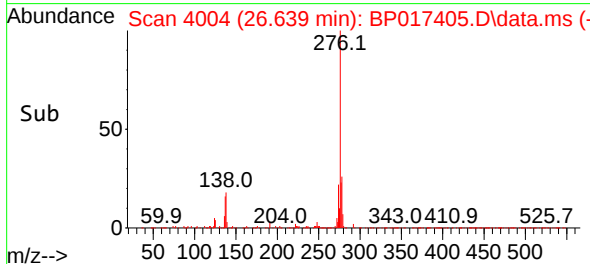
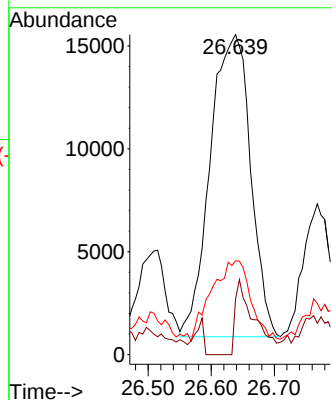
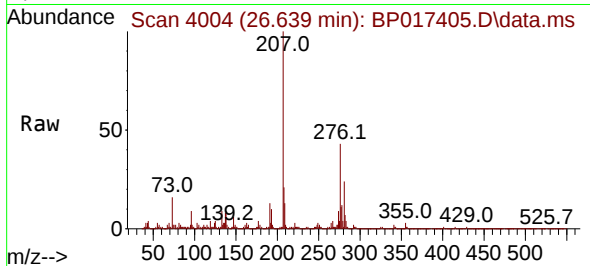
#95
Dibenzo(a,h)anthracene
Concen: 1.252 ng/ul
RT: 26.639 min Scan# 4006
Delta R.T. -0.018 min
Lab File: BP017405.D
Acq: 27 Sep 2023 19:59

Instrument :
BNA_P
ClientSampleId :
EZY9

Tgt Ion:278 Resp: 6513
Ion Ratio Lower Upper
278 100
139 17.4 13.4 20.0
279 29.3 19.5 29.3

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 09/28/2023
Supervised By :mohammad ahmed 09/29/2023



#96
Benzo(g,h,i)perylene
Concen: 5.099 ng/ul
RT: 27.456 min Scan# 4143
Delta R.T. -0.006 min
Lab File: BP017405.D
Acq: 27 Sep 2023 19:59

Tgt Ion:276 Resp: 256756
Ion Ratio Lower Upper
276 100
138 20.7 17.3 25.9
277 25.5 18.8 28.2

