

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042623\
 Data File : BP014840.D
 Acq On : 26 Apr 2023 14:56
 Operator : CG/JU
 Sample : 02418-26
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EW900

Quant Time: Apr 26 23:24:26 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042523.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 26 02:53:24 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 04/27/2023
 Supervised By : Jagrut Upadhyay 04/27/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.204	152	338622	20.000	ng/u1	0.00
20) Naphthalene-d8	11.034	136	1403261	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.834	164	808421	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.580	188	1427049	20.000	ng/u1	0.00
79) Chrysene-d12	21.651	240	908468	20.000	ng/u1	0.00
88) Perylene-d12	24.251	264	1151936	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.511	96	16960	1.969	ng/uL	0.00
4) Pyridine-d5	3.975	84	9062m	0.363	ng/u1	0.04
7) Phenol-d5	7.340	99	392712	12.757	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.516	67	268162	14.496	ng/u1	0.00
11) 2-Chlorophenol-d4	7.728	132	313268	13.782	ng/u1	0.00
15) 4-Methylphenol-d8	8.904	113	207319	8.385	ng/u1	0.00
21) Nitrobenzene-d5	9.375	128	165260	15.732	ng/u1	0.00
24) 2-Nitrophenol-d4	10.104	143	171684	15.901	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.646	165	310293	13.827	ng/u1	0.00
31) 4-Chloroaniline-d4	11.163	131	238587	7.409	ng/u1	0.00
46) Dimethylphthalate-d6	14.234	166	1010013	16.101	ng/u1	0.00
49) Acenaphthylene-d8	14.528	160	1207063	16.785	ng/u1	0.00
54) 4-Nitrophenol-d4	15.004	143	58179	5.091	ng/u1	0.00
60) Fluorene-d10	15.822	176	868104	16.255	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.928	200	44405	5.608	ng/u1	0.00
73) Anthracene-d10	17.680	188	1126720	16.814	ng/u1	0.00
81) Pyrene-d10	19.892	212	1029125	18.633	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.080	264	1053816	17.646	ng/u1	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	9.034	105	139886	3.617	ng/u1	99
72) Phenanthrene	17.622	178	548552	7.019	ng/u1	99
74) Anthracene	17.710	178	119857	1.521	ng/u1	97
80) Fluoranthene	19.569	202	599530	9.210	ng/u1	97
82) Pyrene	19.921	202	471872	7.009	ng/u1	97
85) Benzo(a)anthracene	21.633	228	227859	3.605	ng/u1	99
87) Chrysene	21.692	228	216491	3.613	ng/u1	99
90) Benzo(b)fluoranthene	23.451	252	309181	3.919	ng/u1	97
91) Benzo(k)fluoranthene	23.498	252	87466m	1.143	ng/u1	
93) Benzo(a)pyrene	24.133	252	207473	3.105	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	27.003	276	151510	2.011	ng/u1#	94
96) Benzo(g,h,i)perylene	27.850	276	116507	1.952	ng/u1	97

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

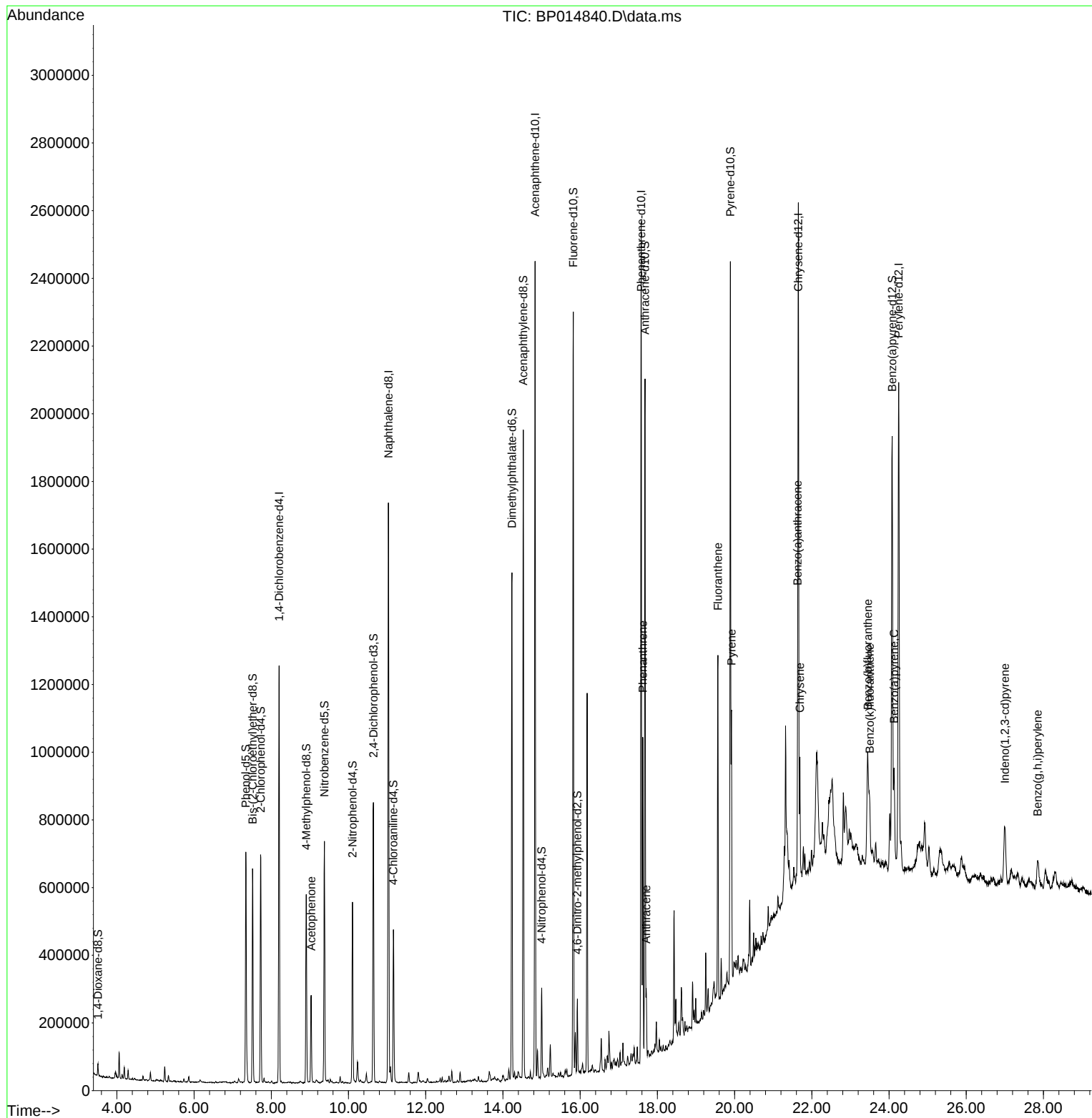
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042623\
Data File : BP014840.D
Acq On : 26 Apr 2023 14:56
Operator : CG/JU
Sample : 02418-26
Misc :
ALS Vial : 12 Sample Multiplier: 1

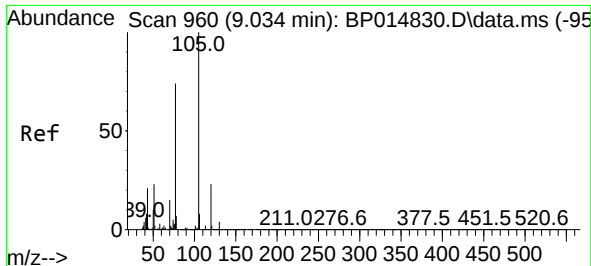
Instrument :
BNA_P
ClientSampleId :
EW900

Quant Time: Apr 26 23:24:26 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042523.MA.M
Quant Title : SVOA CALIBRATION
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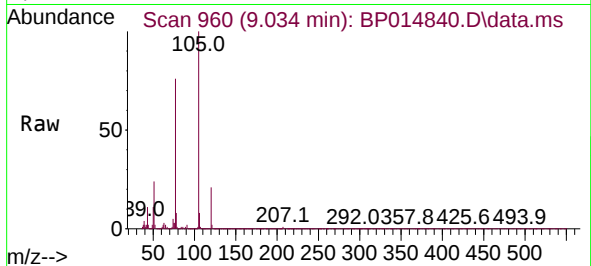
Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023





#16
Acetophenone
Concen: 3.617 ng/ul
RT: 9.034 min Scan# 90
Delta R.T. -0.000 min
Lab File: BP014840.D
Acq: 26 Apr 2023 14:56

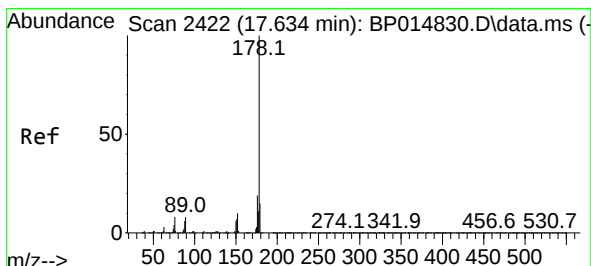
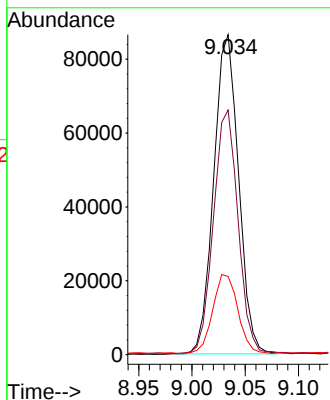
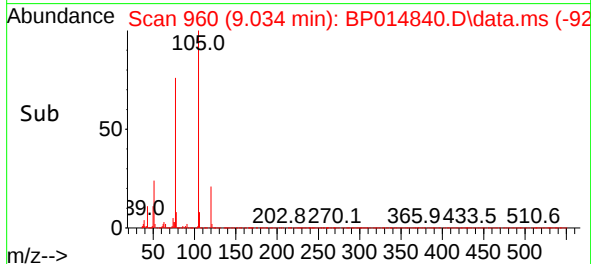
Instrument :
BNA_P
ClientSampleId :
EW900



Tgt Ion:105 Resp: 139880
Ion Ratio Lower Upper
105 100
77 76.4 59.8 89.8
51 24.4 19.6 29.4

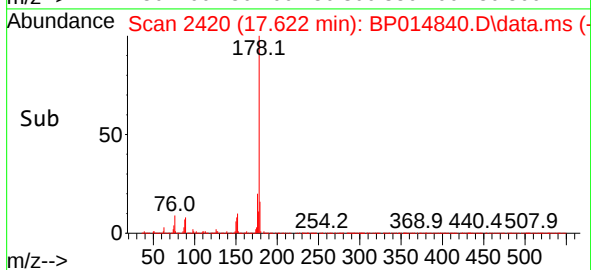
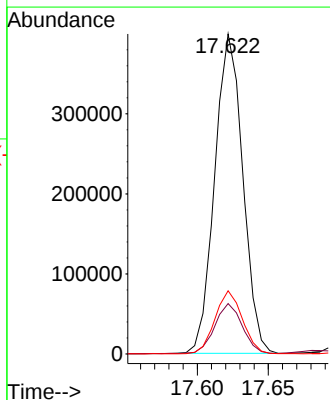
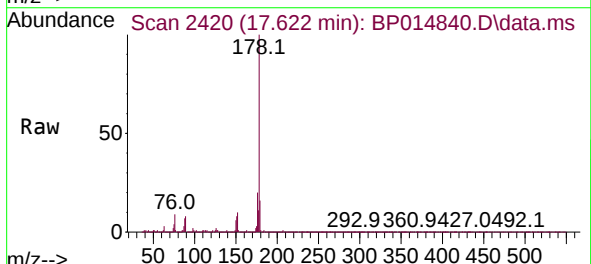
Manual Integrations
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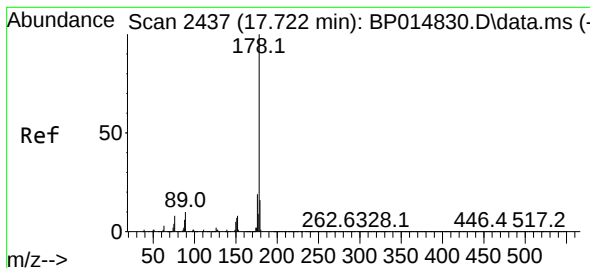
Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023



#72
Phenanthrene
Concen: 7.019 ng/ul
RT: 17.622 min Scan# 2420
Delta R.T. -0.000 min
Lab File: BP014840.D
Acq: 26 Apr 2023 14:56

Tgt Ion:178 Resp: 548552
Ion Ratio Lower Upper
178 100
179 15.8 12.2 18.4
176 19.8 15.7 23.5





#74

Anthracene

Concen: 1.521 ng/ul

RT: 17.710 min Scan# 2437

Delta R.T. -0.006 min

Lab File: BP014840.D

Acq: 26 Apr 2023 14:56

Instrument :

BNA_P

ClientSampleId :

EW900

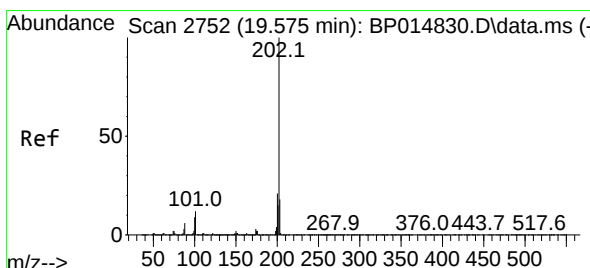
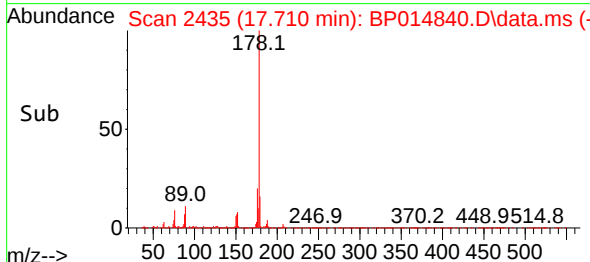
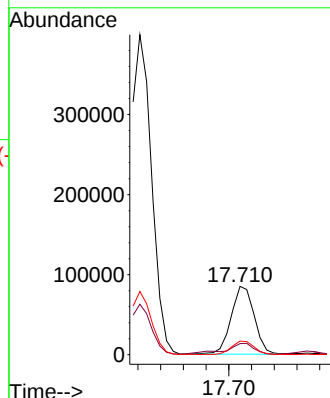
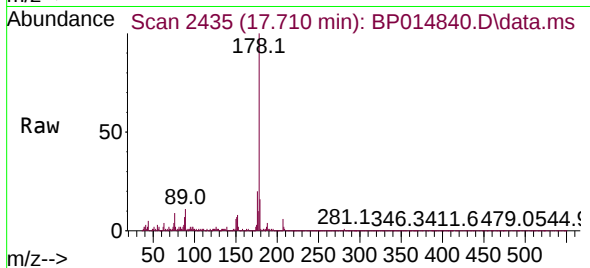
Tgt Ion:178	Resp: 11985
Ion Ratio	Lower Upper
178 100	
179 16.2	12.1 18.1
176 20.0	14.9 22.3

Manual Integrations

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Supervised By :Jagrut Upadhyay 04/27/2023



#80

Fluoranthene

Concen: 9.210 ng/ul

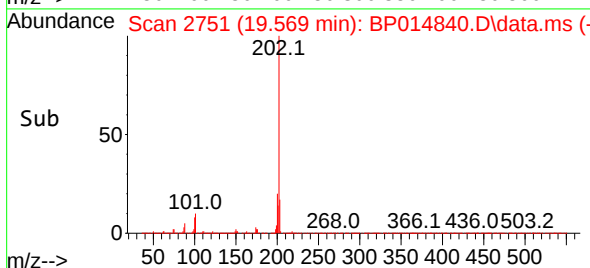
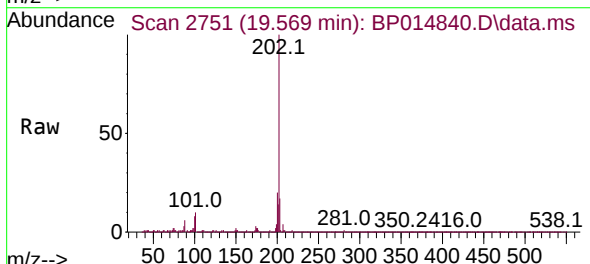
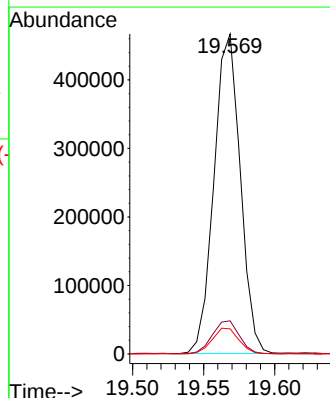
RT: 19.569 min Scan# 2751

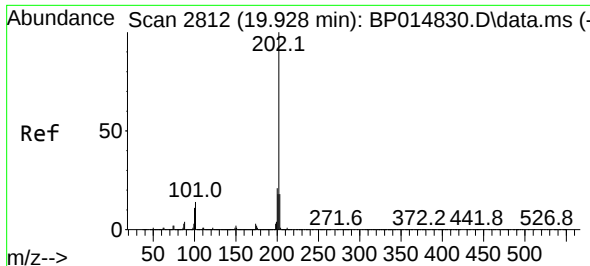
Delta R.T. -0.000 min

Lab File: BP014840.D

Acq: 26 Apr 2023 14:56

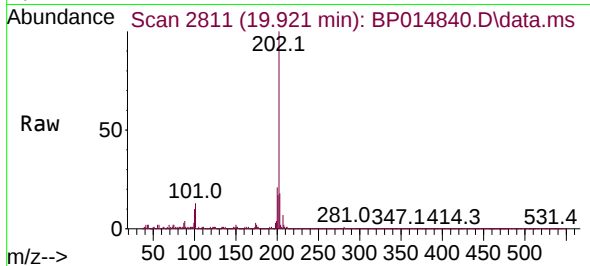
Tgt Ion:202	Resp: 599530
Ion Ratio	Lower Upper
202 100	
101 10.4	9.1 13.7
100 7.9	7.0 10.4





#82
 Pyrene
 Concen: 7.009 ng/ul
 RT: 19.921 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BP014840.D
 Acq: 26 Apr 2023 14:56

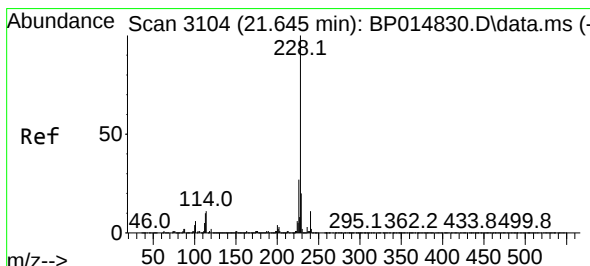
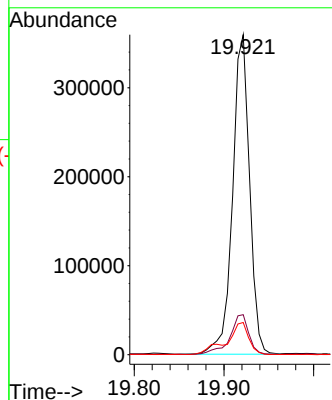
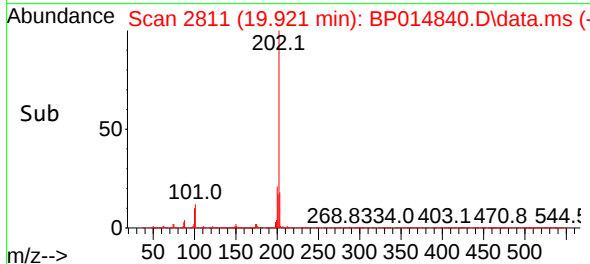
Instrument :
 BNA_P
 ClientSampleId :
 EW900



Tgt Ion:202 Resp: 471872
 Ion Ratio Lower Upper
 202 100
 101 12.5 11.1 16.7
 100 10.1 9.0 13.6

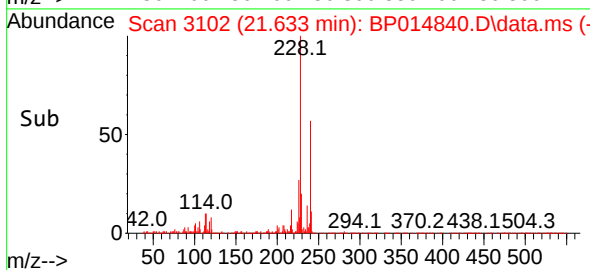
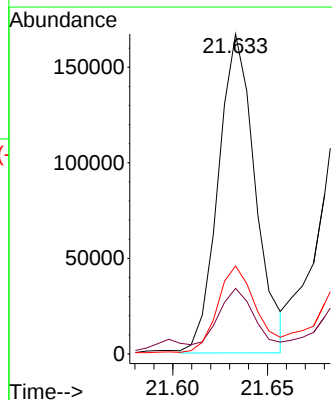
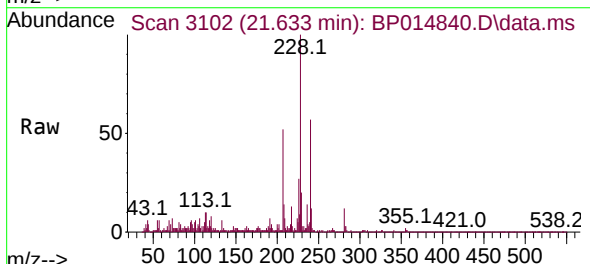
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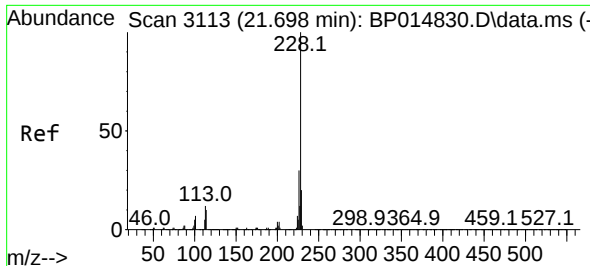
Reviewed By :Christian Giraldo 04/27/2023
 Supervised By :Jagrut Upadhyay 04/27/2023



#85
 Benzo(a)anthracene
 Concen: 3.605 ng/ul
 RT: 21.633 min Scan# 3102
 Delta R.T. -0.006 min
 Lab File: BP014840.D
 Acq: 26 Apr 2023 14:56

Tgt Ion:228 Resp: 227859
 Ion Ratio Lower Upper
 228 100
 229 20.5 15.7 23.5
 226 27.5 22.0 33.0





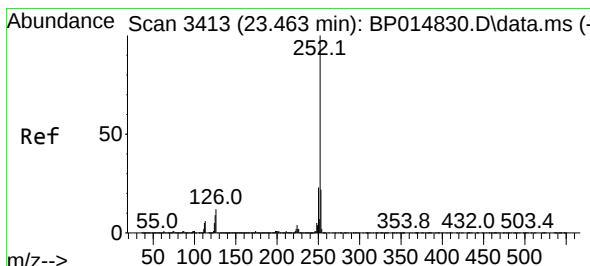
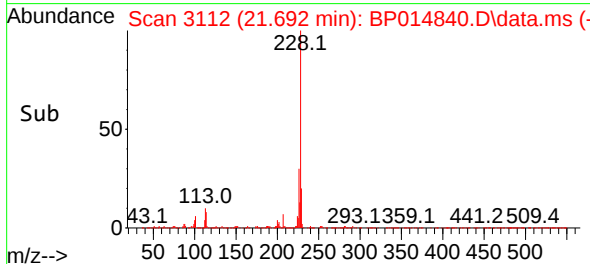
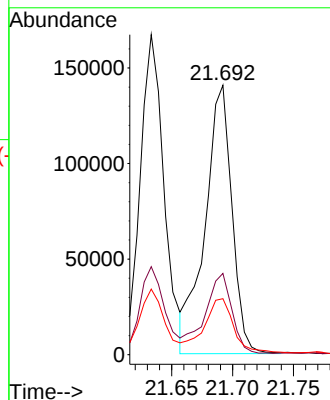
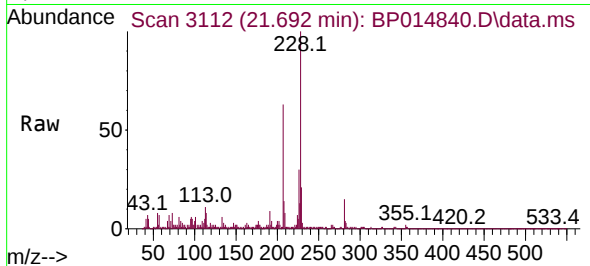
#87
Chrysene
Concen: 3.613 ng/ul
RT: 21.692 min Scan# 3112
Delta R.T. -0.000 min
Lab File: BP014840.D
Acq: 26 Apr 2023 14:56

Instrument :
BNA_P
ClientSampleId :
EW900

Tgt Ion:228 Resp: 21649
Ion Ratio Lower Upper
228 100
226 30.1 24.5 36.7
229 20.8 16.0 24.0

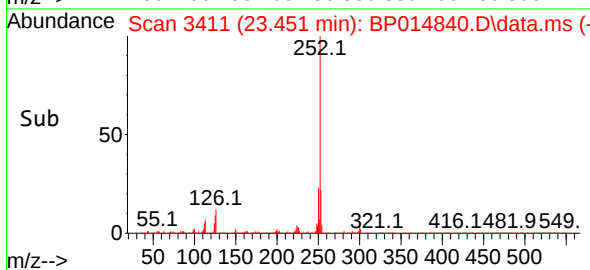
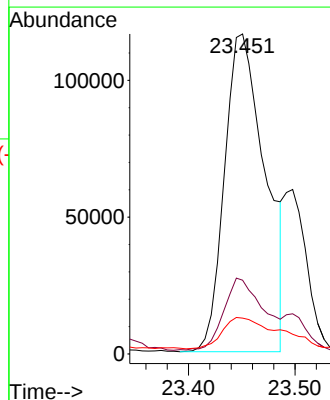
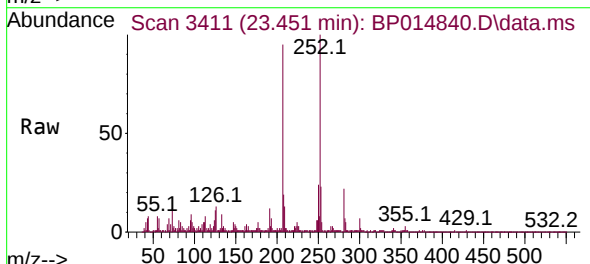
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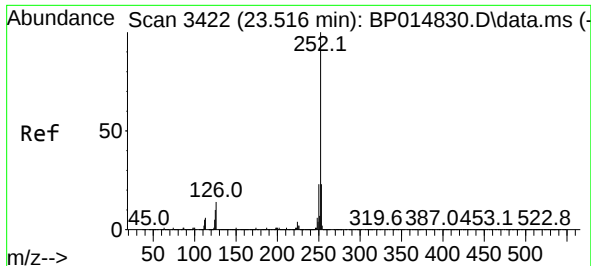
Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023



#90
Benzo(b)fluoranthene
Concen: 3.919 ng/ul
RT: 23.451 min Scan# 3411
Delta R.T. -0.000 min
Lab File: BP014840.D
Acq: 26 Apr 2023 14:56

Tgt Ion:252 Resp: 309181
Ion Ratio Lower Upper
252 100
253 23.0 17.2 25.8
125 11.2 7.8 11.8





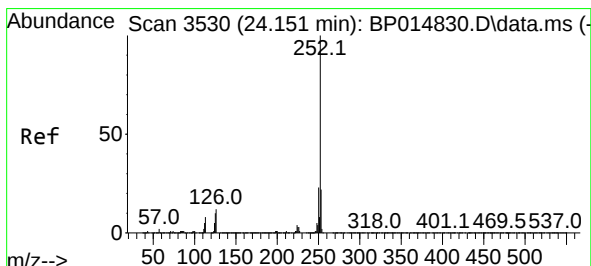
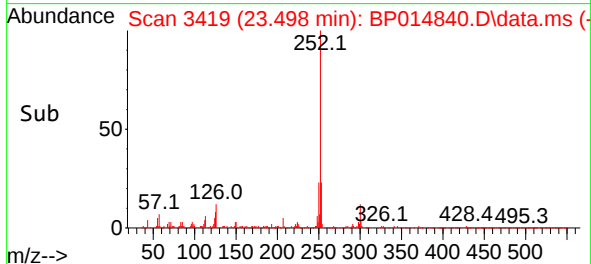
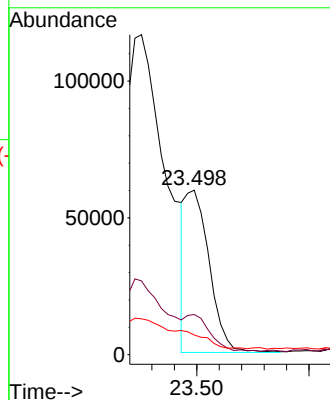
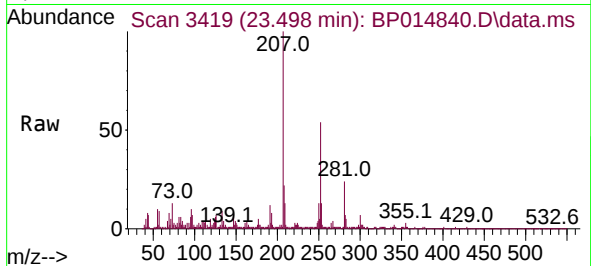
#91
Benzo(k)fluoranthene
Concen: 1.143 ng/ul m
RT: 23.498 min Scan# 3419
Delta R.T. -0.006 min
Lab File: BP014840.D
Acq: 26 Apr 2023 14:56

Instrument :
BNA_P
ClientSampleId :
EW900

Tgt Ion:252 Resp: 87460
Ion Ratio Lower Upper
252 100
253 24.4 17.5 26.3
125 12.0 7.9 11.9

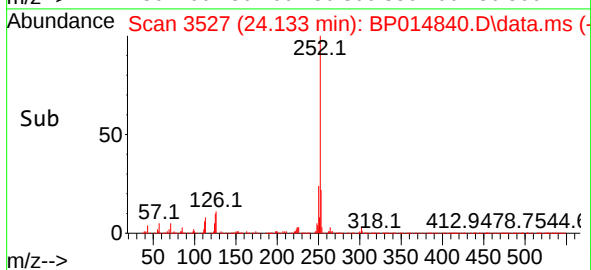
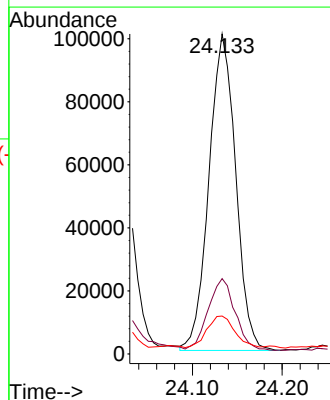
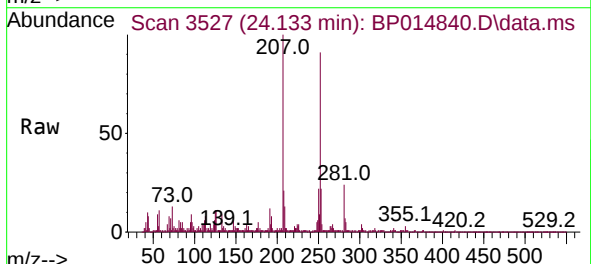
Manual Integrations
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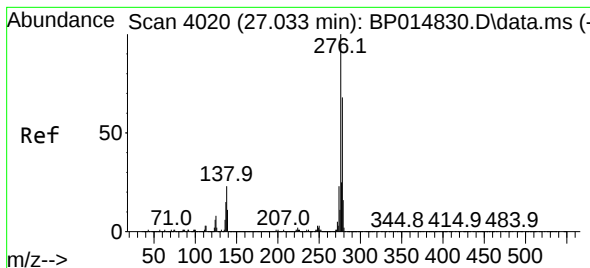
Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023



#93
Benzo(a)pyrene
Concen: 3.105 ng/ul
RT: 24.133 min Scan# 3527
Delta R.T. -0.006 min
Lab File: BP014840.D
Acq: 26 Apr 2023 14:56

Tgt Ion:252 Resp: 207473
Ion Ratio Lower Upper
252 100
253 23.6 17.5 26.3
125 11.8 8.6 12.8





#94

Indeno(1,2,3-cd)pyrene

Concen: 2.011 ng/ul

RT: 27.003 min Scan# 4020

Delta R.T. -0.012 min

Lab File: BP014840.D

Acq: 26 Apr 2023 14:56

Instrument :

BNA_P

ClientSampleId :

EW900

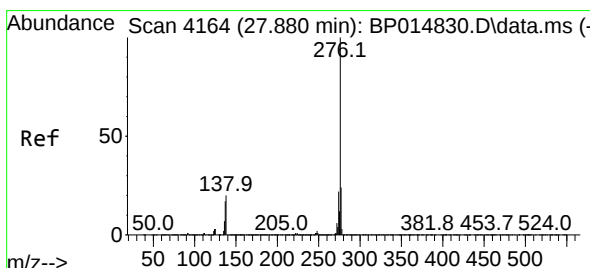
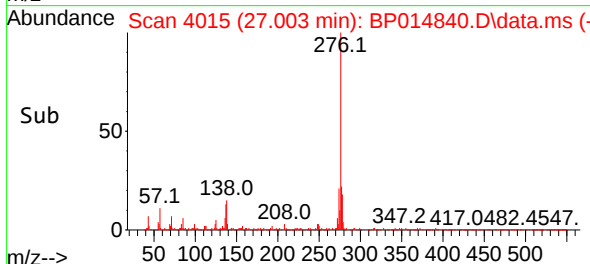
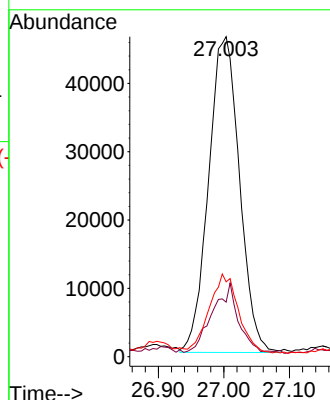
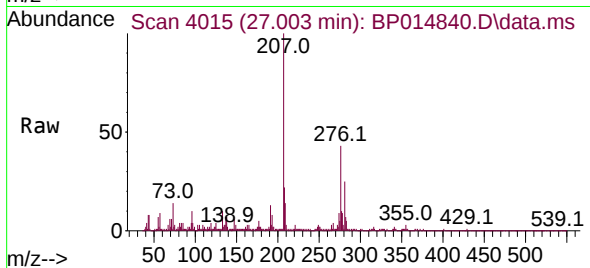
Tgt Ion:	276	Resp:	151510
Ion Ratio	Lower	Upper	
276	100		
138	17.1	17.7	26.5
277	23.4	19.6	29.4

Manual Integrations

APPROVED

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Supervised By :Jagrut Upadhyay 04/27/2023



#96

Benzo(g,h,i)perylene

Concen: 1.952 ng/ul

RT: 27.850 min Scan# 4159

Delta R.T. -0.012 min

Lab File: BP014840.D

Acq: 26 Apr 2023 14:56

Tgt Ion:	276	Resp:	116507
Ion Ratio	Lower	Upper	
276	100		
138	17.9	16.2	24.2
277	22.9	18.9	28.3

