

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071823\
 Data File : BP016311.D
 Acq On : 19 Jul 2023 01:27
 Operator : MA/JU
 Sample : 03501-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A46W1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/19/2023
 Supervised By :mohammad ahmed 07/19/2023

Quant Time: Jul 19 03:37:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 19 01:28:59 2023
 Response via : Initial Calibration

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

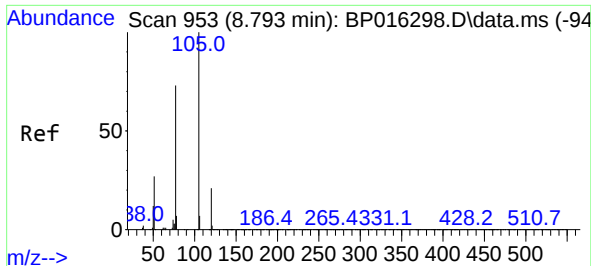
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	219535	20.000	ng/u1	0.00
20) Naphthalene-d8	10.763	136	895087	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.598	164	547122	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.363	188	1411796	20.000	ng/u1	0.00
79) Chrysene-d12	21.457	240	1059378	20.000	ng/u1	0.00
88) Perylene-d12	23.951	264	855063	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	17518	2.824	ng/uL	0.00
4) Pyridine-d5	3.705	84	154743m	10.001	ng/u1	-0.02
7) Phenol-d5	7.157	99	205357	10.356	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	7.281	67	212738	15.866	ng/u1	0.00
11) 2-Chlorophenol-d4	7.493	132	185006	12.924	ng/u1	0.02
15) 4-Methylphenol-d8	8.769	113	57357m	3.591	ng/u1	0.08
21) Nitrobenzene-d5	9.152	128	132701	21.489	ng/u1	0.01
24) 2-Nitrophenol-d4	9.875	143	146495	20.815	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.481	165	119339	9.792	ng/u1	0.05
31) 4-Chloroaniline-d4	11.087	131	5327m	0.273	ng/u1	0.15
46) Dimethylphthalate-d6	14.016	166	914559	21.913	ng/u1	0.00
49) Acenaphthylene-d8	14.298	160	903621	19.757	ng/u1	0.00
54) 4-Nitrophenol-d4	14.951	143	93036m	10.923	ng/u1	0.02
60) Fluorene-d10	15.598	176	788687	22.580	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.798	200	56604	6.945	ng/u1	0.02
73) Anthracene-d10	17.469	188	739942	11.982	ng/u1	0.00
81) Pyrene-d10	19.698	212	877608	15.965	ng/u1	-0.01
92) Benzo(a)pyrene-d12	23.792	264	222089	5.409	ng/u1	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.822	105	42635	1.619	ng/u1	97
30) Naphthalene	10.816	128	50626	1.078	ng/u1	100
52) Acenaphthene	14.663	153	100439	2.827	ng/u1	98
56) Dibenzofuran	15.022	168	75764	1.566	ng/u1	99
61) Fluorene	15.657	166	135880	3.361	ng/u1	98
72) Phenanthrene	17.404	178	1578930	21.464	ng/u1	100
74) Anthracene	17.504	178	225341m	3.049	ng/u1	
80) Fluoranthene	19.375	202	2334124	36.311	ng/u1	99
82) Pyrene	19.727	202	1370809	19.974	ng/u1	99
85) Benzo(a)anthracene	21.445	228	870026	12.612	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.321	149	1522071	34.423	ng/u1	99
87) Chrysene	21.498	228	886726	12.688	ng/u1	97
90) Benzo(b)fluoranthene	23.192	252	810774	16.600	ng/u1	96
91) Benzo(k)fluoranthene	23.239	252	288933	5.813	ng/u1	97
93) Benzo(a)pyrene	23.839	252	116422	2.406	ng/u1#	88
94) Indeno(1,2,3-cd)pyrene	26.598	276	167279	2.792	ng/u1	99
95) Dibenzo(a,h)anthracene	26.592	278	83462	1.708	ng/u1#	92

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

Manual Integrations

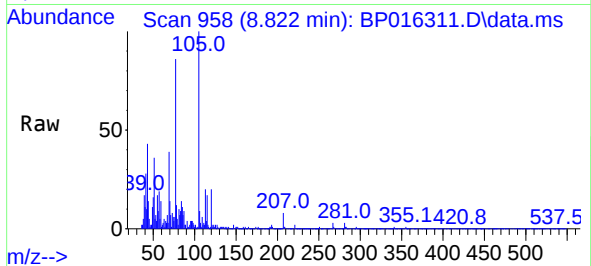
Quant Time: Jul 19 03:37:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 19 01:28:59 2023
Response via : Initial Calibration





#16
Acetophenone
Concen: 1.619 ng/ul
RT: 8.822 min Scan# 91
Delta R.T. 0.029 min
Lab File: BP016311.D
Acq: 19 Jul 2023 01:27

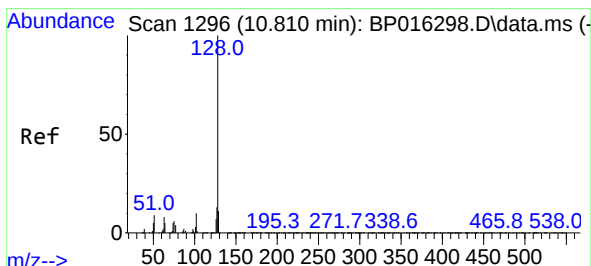
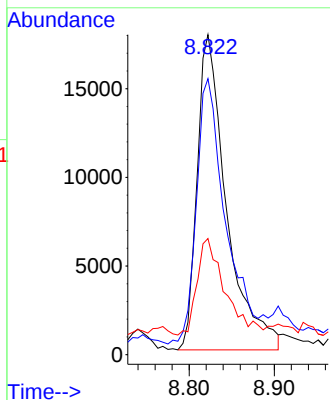
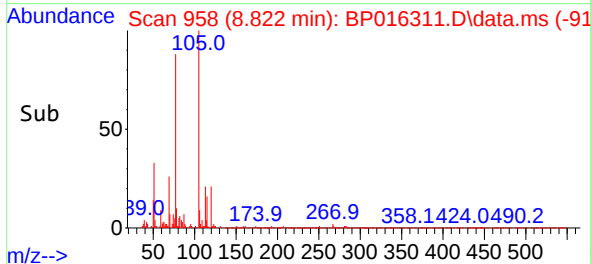
Instrument :
BNA_P
ClientSampleId :
A46W1



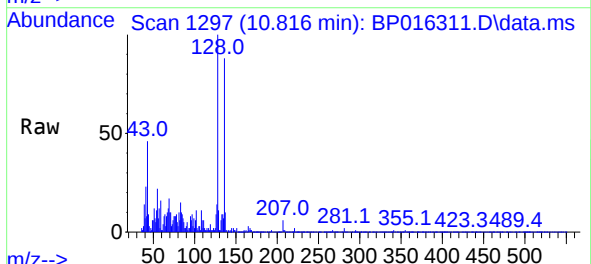
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Ion Ratio Lower Upper
105 100
77 86.3 70.2 105.2
51 36.3 26.3 39.5

Manual Integrations
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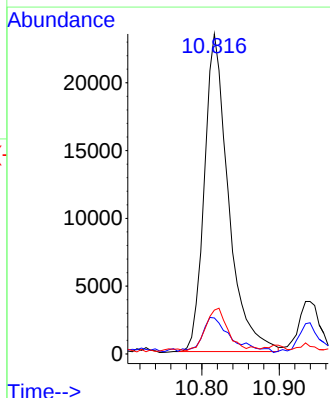
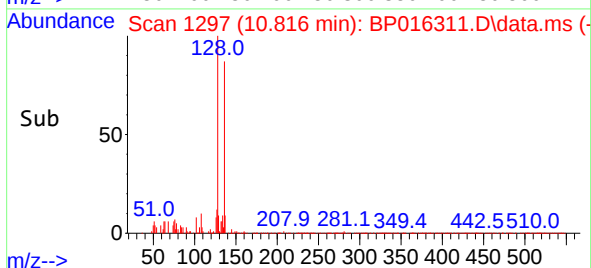
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023

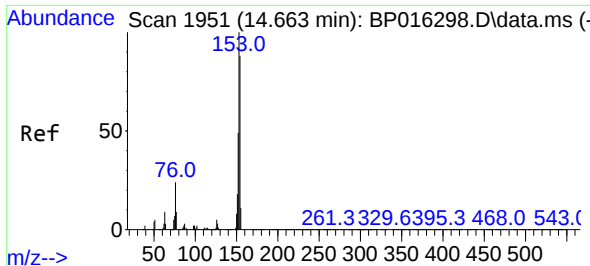


#30
Naphthalene
Concen: 1.078 ng/ul
RT: 10.816 min Scan# 1297
Delta R.T. 0.006 min
Lab File: BP016311.D
Acq: 19 Jul 2023 01:27



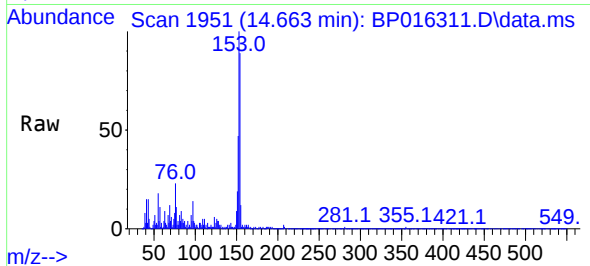
Tgt Ion:128 Resp: 50626
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 13.7 10.9 16.3





#52
Acenaphthene
Concen: 2.827 ng/ul
RT: 14.663 min Scan# 1951
Delta R.T. 0.000 min
Lab File: BP016311.D
Acq: 19 Jul 2023 01:27

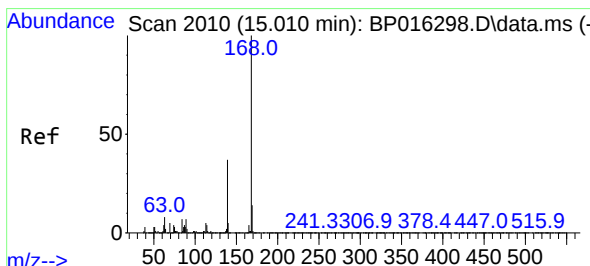
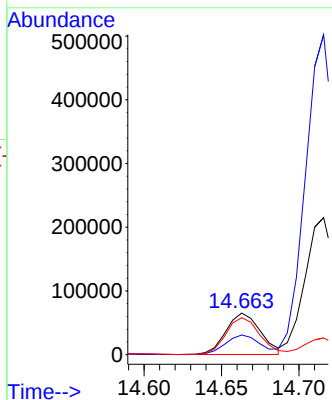
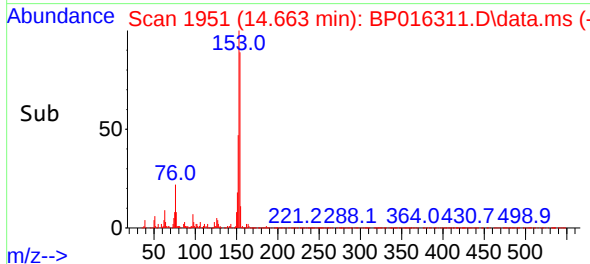
Instrument :
BNA_P
ClientSampleId :
A46W1



Tgt Ion:153 Resp: 100439
Ion Ratio Lower Upper
153 100
152 47.4 37.9 56.9
154 88.8 69.3 103.9

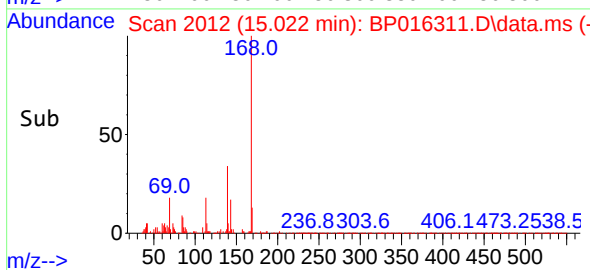
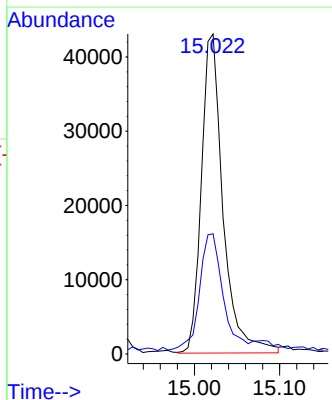
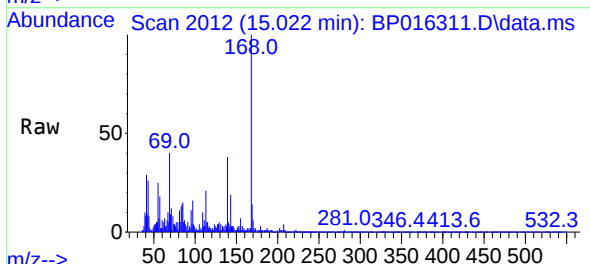
Manual Integrations
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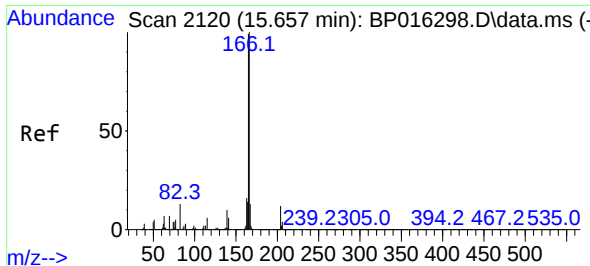
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#56
Dibenzofuran
Concen: 1.566 ng/ul
RT: 15.022 min Scan# 2012
Delta R.T. 0.012 min
Lab File: BP016311.D
Acq: 19 Jul 2023 01:27

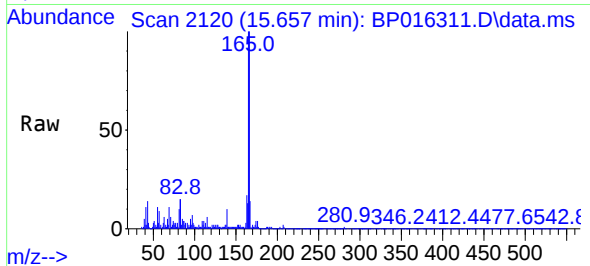
Tgt Ion:168 Resp: 75764
Ion Ratio Lower Upper
168 100
139 37.6 30.6 45.8





#61
Fluorene
Concen: 3.361 ng/ul
RT: 15.657 min Scan# 2120
Delta R.T. 0.000 min
Lab File: BP016311.D
Acq: 19 Jul 2023 01:27

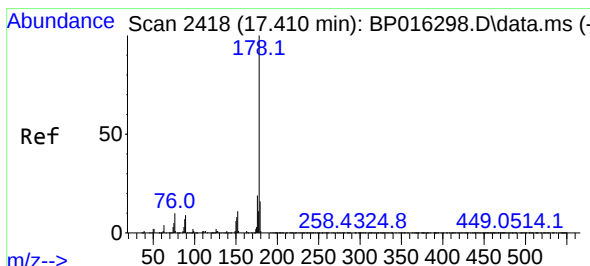
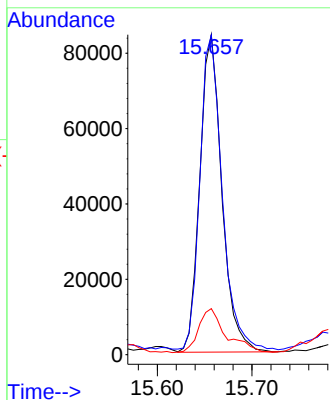
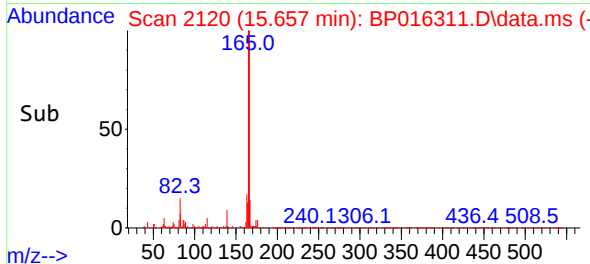
Instrument :
BNA_P
ClientSampleId :
A46W1



Tgt Ion:166 Resp: 135880
Ion Ratio Lower Upper
166 100
165 99.9 78.6 117.8
167 14.4 11.0 16.4

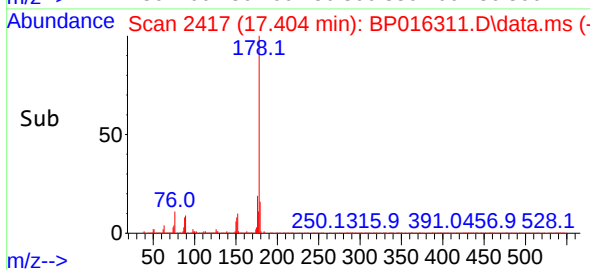
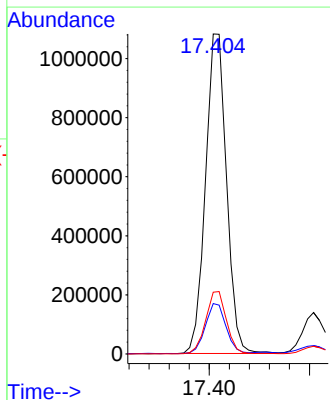
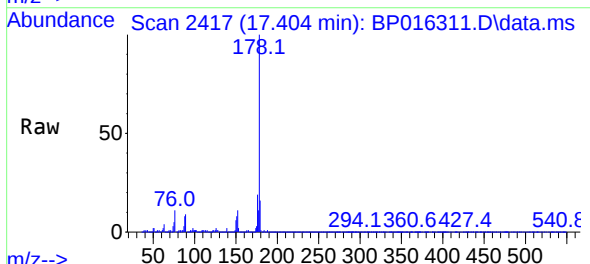
Manual Integrations
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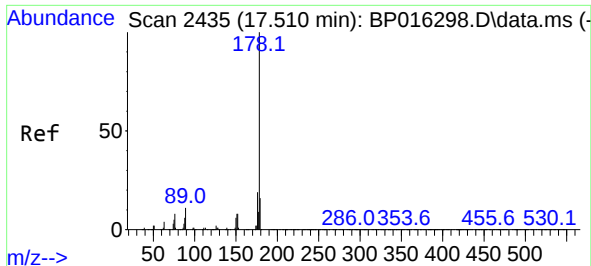
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#72
Phenanthrene
Concen: 21.464 ng/ul
RT: 17.404 min Scan# 2417
Delta R.T. -0.006 min
Lab File: BP016311.D
Acq: 19 Jul 2023 01:27

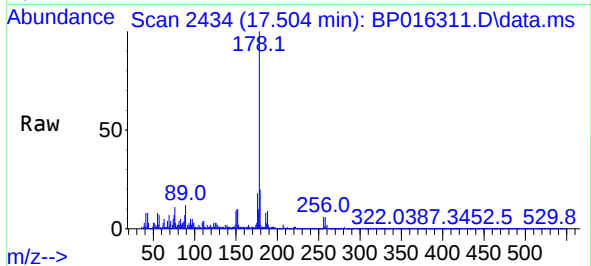
Tgt Ion:178 Resp: 1578930
Ion Ratio Lower Upper
178 100
179 15.7 12.5 18.7
176 19.3 15.6 23.4





#74
 Anthracene
 Concen: 3.049 ng/ul m
 RT: 17.504 min Scan# 2434
 Delta R.T. -0.006 min
 Lab File: BP016311.D
 Acq: 19 Jul 2023 01:27

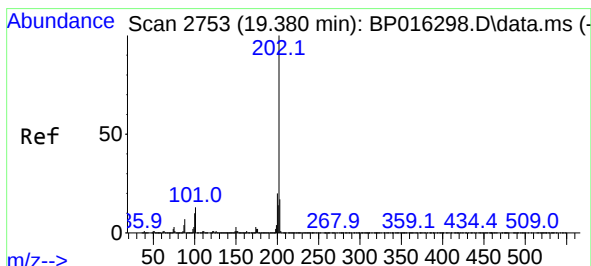
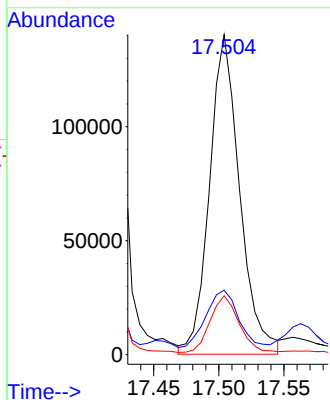
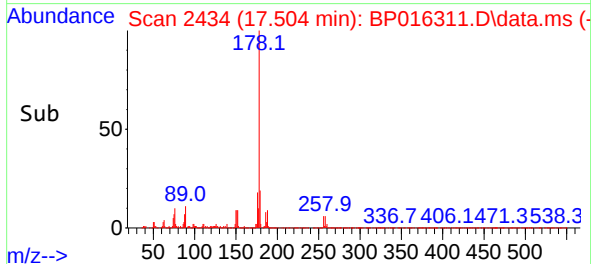
Instrument :
 BNA_P
 ClientSampleId :
 A46W1



Tgt Ion:178 Resp: 22534
 Ion Ratio Lower Upper
 178 100
 179 20.2 11.9 17.9
 176 18.4 15.0 22.4

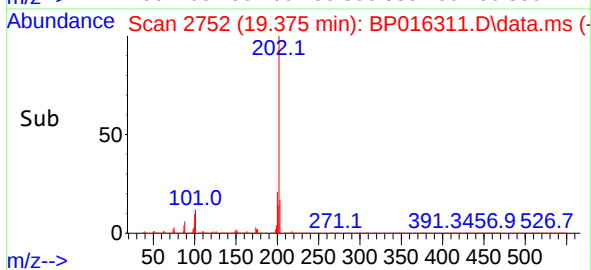
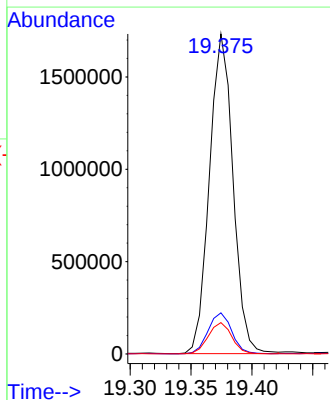
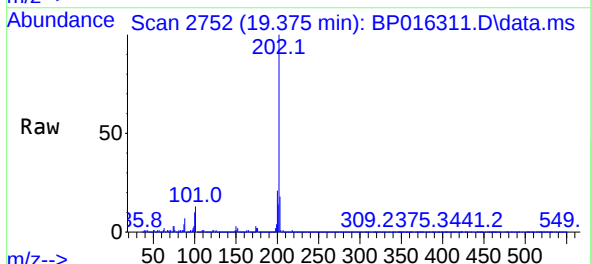
Manual Integrations
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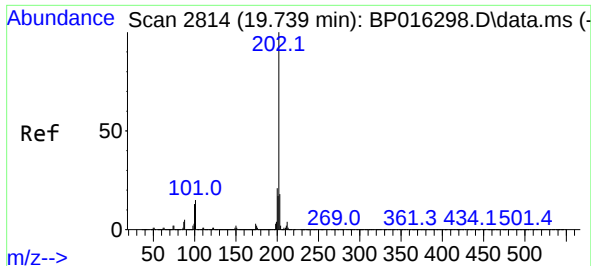
Reviewed By :Yogesh Patel 07/19/2023
 Supervised By :mohammad ahmed 07/19/2023



#80
 Fluoranthene
 Concen: 36.311 ng/ul
 RT: 19.375 min Scan# 2752
 Delta R.T. -0.006 min
 Lab File: BP016311.D
 Acq: 19 Jul 2023 01:27

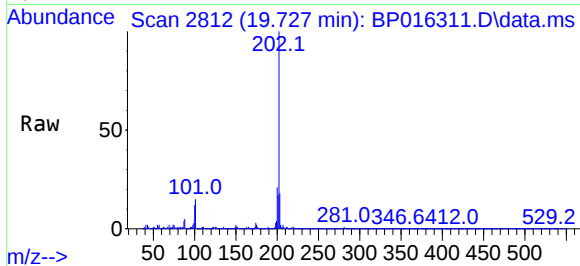
Tgt Ion:202 Resp: 2334124
 Ion Ratio Lower Upper
 202 100
 101 12.8 10.4 15.6
 100 9.8 8.2 12.4





#82
Pyrene
Concen: 19.974 ng/ul
RT: 19.727 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP016311.D
Acq: 19 Jul 2023 01:27

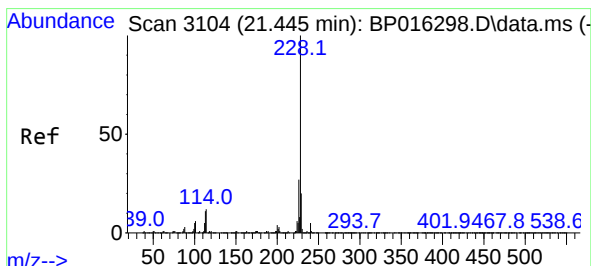
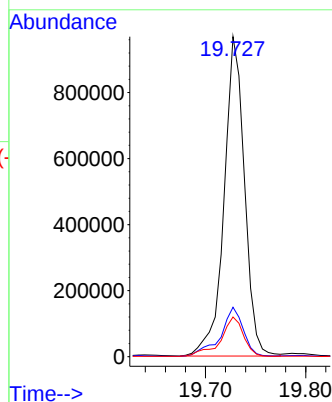
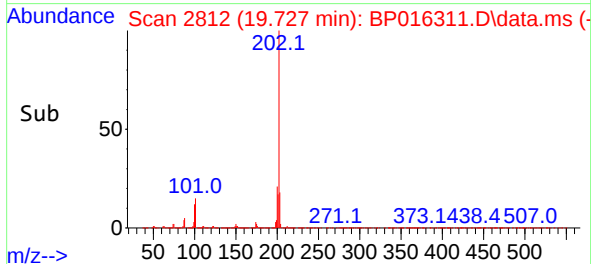
Instrument :
BNA_P
ClientSampleId :
A46W1



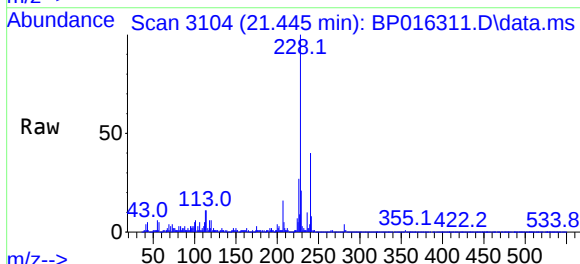
Tgt Ion:202 Resp: 1370809
Ion Ratio Lower Upper
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101 15.5 12.4 18.6
100 12.4 10.5 15.7

Manual Integrations
APPROVED

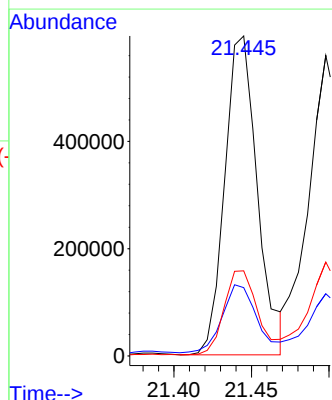
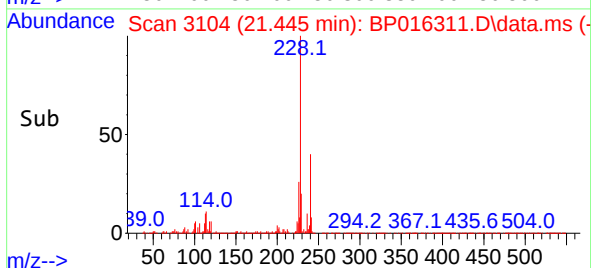
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023

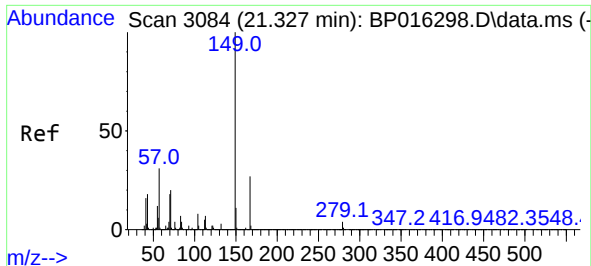


#85
Benzo(a)anthracene
Concen: 12.612 ng/ul
RT: 21.445 min Scan# 3104
Delta R.T. 0.000 min
Lab File: BP016311.D
Acq: 19 Jul 2023 01:27



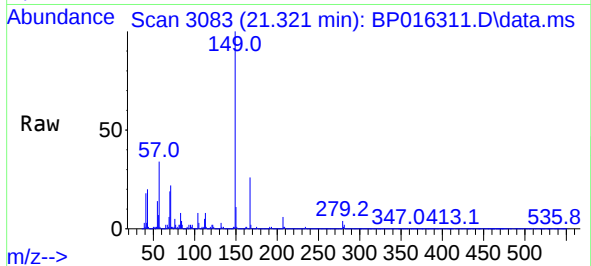
Tgt Ion:228 Resp: 870026
Ion Ratio Lower Upper
228 100
229 21.4 15.5 23.3
226 26.6 21.5 32.3





#86
Bis(2-ethylhexyl)phthalate
Concen: 34.423 ng/ul
RT: 21.321 min Scan# 3083
Delta R.T. -0.006 min
Lab File: BP016311.D
Acq: 19 Jul 2023 01:27

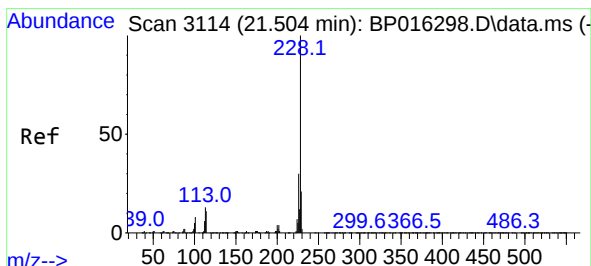
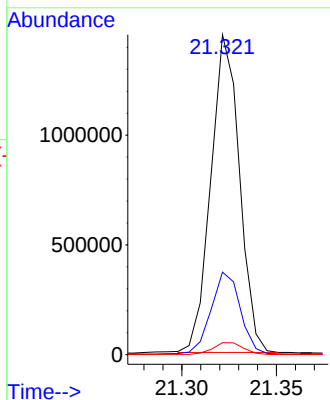
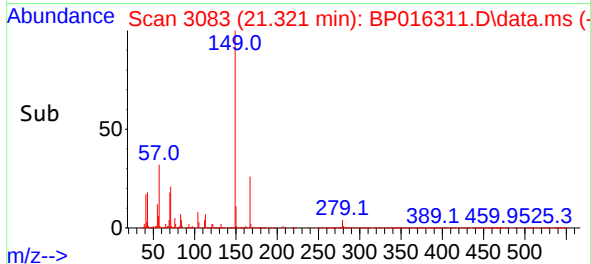
Instrument :
BNA_P
ClientSampleId :
A46W1



Tgt Ion:149 Resp: 152207
Ion Ratio Lower Upper
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167 25.8 21.0 31.4
279 3.8 3.0 4.6

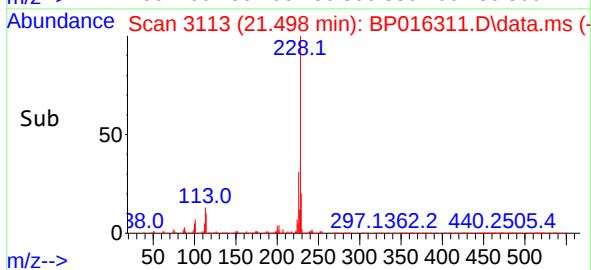
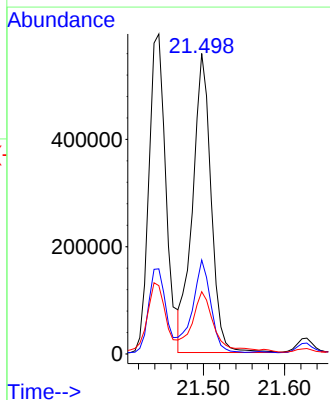
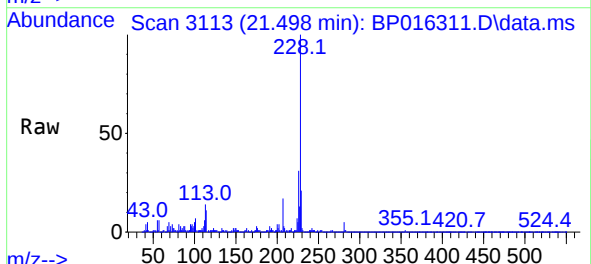
Manual Integrations
APPROVED

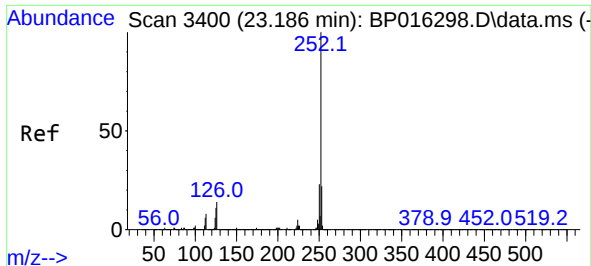
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#87
Chrysene
Concen: 12.688 ng/ul
RT: 21.498 min Scan# 3113
Delta R.T. -0.006 min
Lab File: BP016311.D
Acq: 19 Jul 2023 01:27

Tgt Ion:228 Resp: 886726
Ion Ratio Lower Upper
228 100
226 31.3 24.0 36.0
229 20.7 15.5 23.3





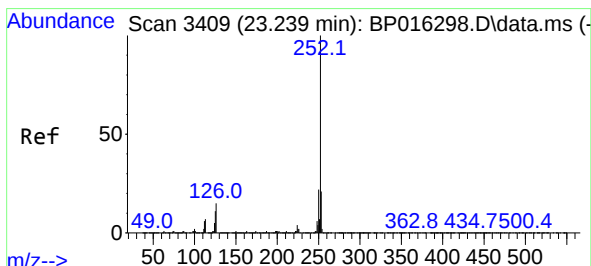
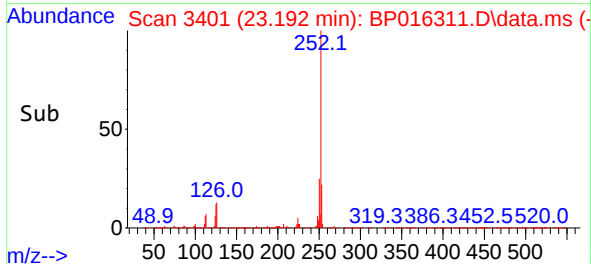
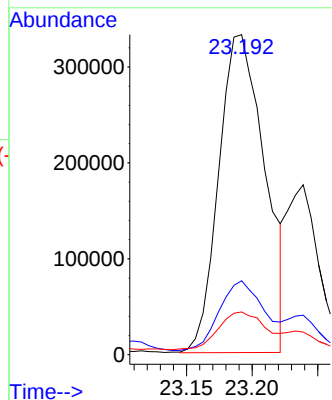
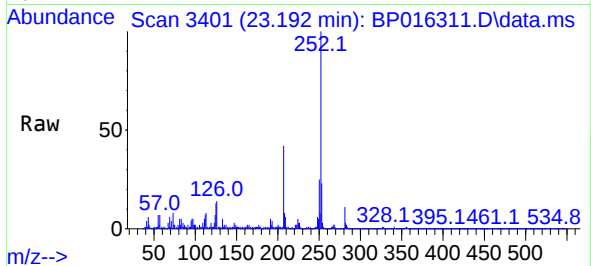
#90
Benzo(b)fluoranthene
Concen: 16.600 ng/ul
RT: 23.192 min Scan# 3401
Delta R.T. 0.006 min
Lab File: BP016311.D
Acq: 19 Jul 2023 01:27

Instrument :
BNA_P
ClientSampleId :
A46W1

Tgt Ion:252 Resp: 810774
Ion Ratio Lower Upper
252 100
253 23.1 17.3 25.9
125 13.3 9.4 14.0

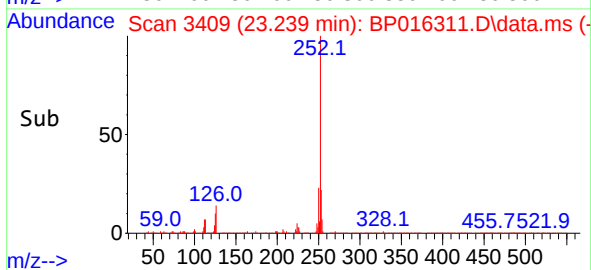
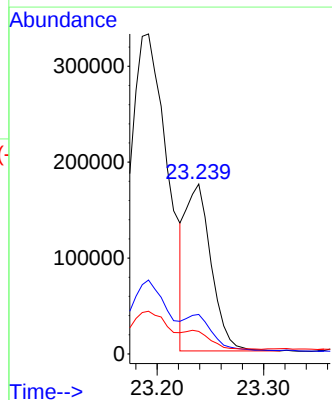
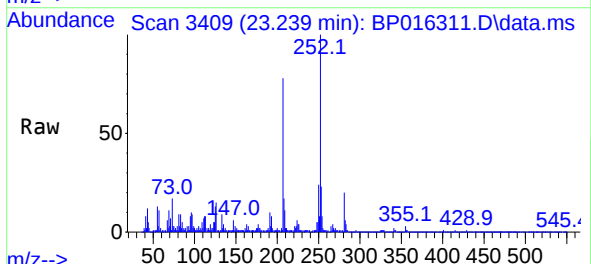
Manual Integrations
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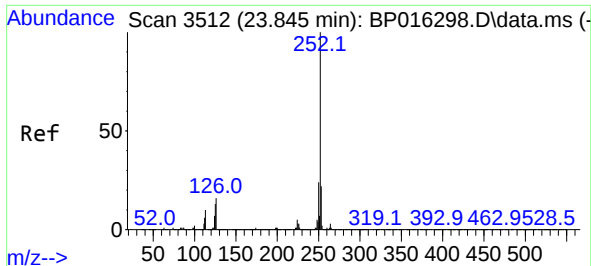
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#91
Benzo(k)fluoranthene
Concen: 5.813 ng/ul
RT: 23.239 min Scan# 3409
Delta R.T. 0.000 min
Lab File: BP016311.D
Acq: 19 Jul 2023 01:27

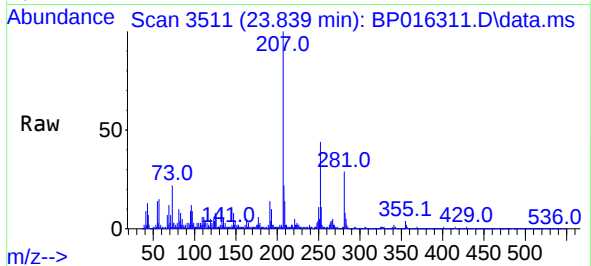
Tgt Ion:252 Resp: 288933
Ion Ratio Lower Upper
252 100
253 23.3 17.4 26.2
125 13.2 9.3 13.9





#93
Benzo(a)pyrene
Concen: 2.406 ng/ul
RT: 23.839 min Scan# 311
Delta R.T. -0.006 min
Lab File: BP016311.D
Acq: 19 Jul 2023 01:27

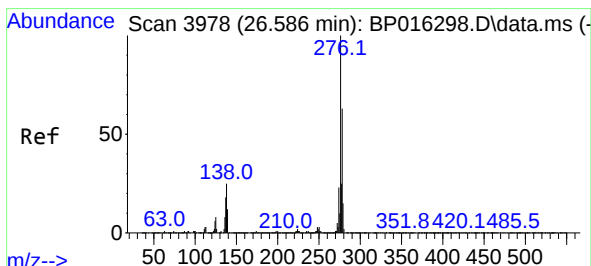
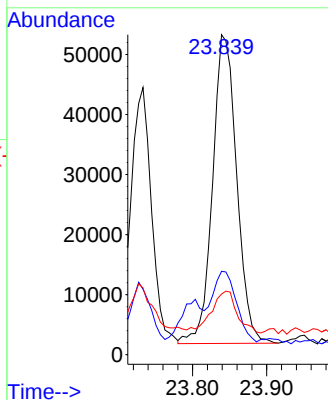
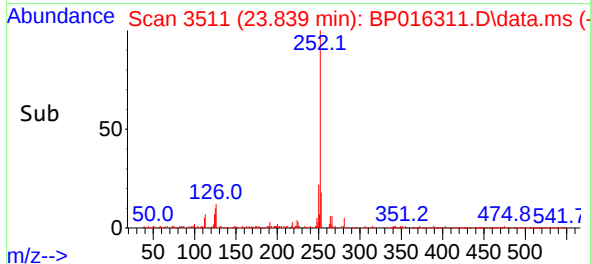
Instrument :
BNA_P
ClientSampleId :
A46W1



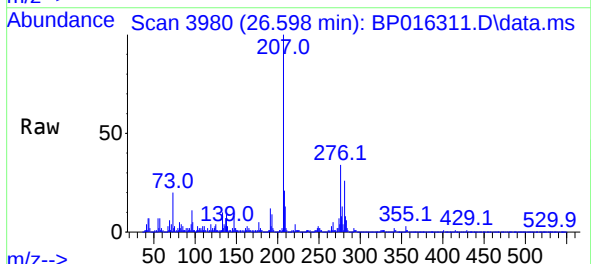
Tgt Ion:252 Resp: 11642
Ion Ratio Lower Upper
252 100
253 26.1 17.2 25.8
125 19.0 9.8 14.6

Manual Integrations
APPROVED

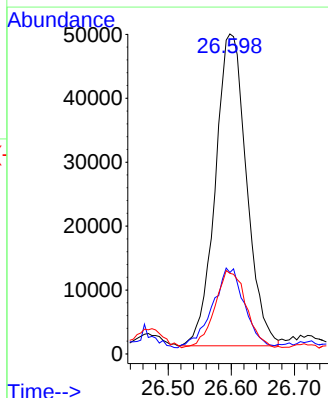
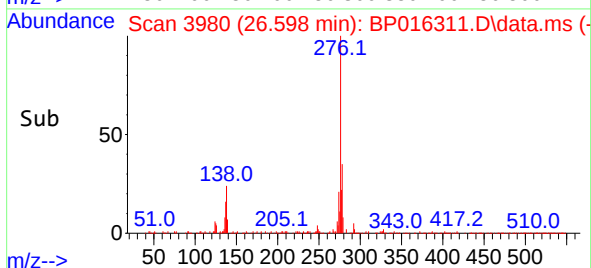
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023

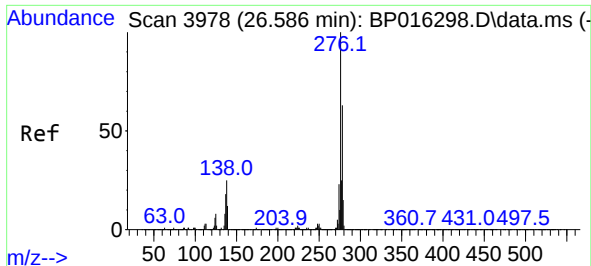


#94
Indeno(1,2,3-cd)pyrene
Concen: 2.792 ng/ul
RT: 26.598 min Scan# 3980
Delta R.T. 0.012 min
Lab File: BP016311.D
Acq: 19 Jul 2023 01:27



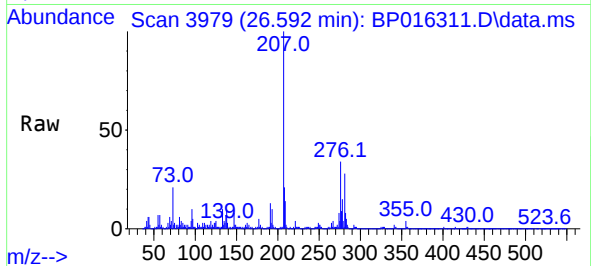
Tgt Ion:276 Resp: 167279
Ion Ratio Lower Upper
276 100
138 25.5 20.8 31.2
277 25.2 19.8 29.8





#95
 Dibenzo(a,h)anthracene
 Concen: 1.708 ng/ul
 RT: 26.592 min Scan# 3979
 Delta R.T. 0.006 min
 Lab File: BP016311.D
 Acq: 19 Jul 2023 01:27

Instrument :
 BNA_P
 ClientSampleId :
 A46W1



Tgt Ion: 278 Resp: 83462
 Ion Ratio Lower Upper
 278 100
 139 21.1 13.9 20.9
 279 26.7 18.2 27.4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/19/2023
 Supervised By :mohammad ahmed 07/19/2023

