

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033023\
 Data File : BP014396.D
 Acq On : 30 Mar 2023 11:57
 Operator : CG/JU
 Sample : 02059-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0QG0

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/31/2023
 Supervised By : Jagrut Upadhyay 03/31/2023

Quant Time: Mar 30 22:39:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 30 12:32:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.028	152	144154	20.000	ng/u1	0.01
20) Naphthalene-d8	10.852	136	640175	20.000	ng/u1	0.01
38) Acenaphthene-d10	14.681	164	429818	20.000	ng/u1	0.01
64) Phenanthrene-d10	17.445	188	975482	20.000	ng/u1	0.01
79) Chrysene-d12	21.528	240	931070	20.000	ng/u1	0.00
88) Perylene-d12	24.051	264	896961	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	19656	5.288	ng/uL	0.00
4) Pyridine-d5	3.840	84	71214m	7.476	ng/u1	0.02
7) Phenol-d5	7.193	99	87931	6.614	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	7.352	67	282781	33.152	ng/u1	0.01
11) 2-Chlorophenol-d4	7.558	132	235907	24.551	ng/u1	0.01
15) 4-Methylphenol-d8	8.746	113	175575	16.372	ng/u1	0.01
21) Nitrobenzene-d5	9.205	128	163241	31.587	ng/u1	0.01
24) 2-Nitrophenol-d4	9.928	143	183126	30.945	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.475	165	301437	27.969	ng/u1	0.01
31) 4-Chloroaniline-d4	10.999	131	306277	21.575	ng/u1	0.01
46) Dimethylphthalate-d6	14.087	166	1309795	37.583	ng/u1	0.01
49) Acenaphthylene-d8	14.375	160	1341397	34.688	ng/u1	0.00
54) 4-Nitrophenol-d4	14.910	143	40649m	7.721	ng/u1	0.03
60) Fluorene-d10	15.675	176	1070872	36.847	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.804	200	231738	32.286	ng/u1	0.01
73) Anthracene-d10	17.545	188	1774731	37.593	ng/u1	0.01
81) Pyrene-d10	19.769	212	2146734	34.326	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.892	264	1823657	38.268	ng/u1	0.01
Target Compounds						
					Qvalue	
30) Naphthalene	10.910	128	5227931	146.610	ng/u1	100
36) 2-Methylnaphthalene	12.504	142	680553	28.162	ng/u1	100
37) 1-Methylnaphthalene	12.728	142	537506	22.427	ng/u1	97
43) 1,1'-Biphenyl	13.510	154	209049	6.020	ng/u1	98
52) Acenaphthene	14.746	153	74031	2.544	ng/u1	97
56) Dibenzofuran	15.081	168	86740	2.120	ng/u1	94
58) 2,3,4,6-Tetrachlorophenol	15.310	232	389220	42.896	ng/u1#	98
61) Fluorene	15.734	166	131330	3.960	ng/u1	99
71) Pentachlorophenol	17.110	266	7602386	941.182	ng/u1	99
72) Phenanthrene	17.487	178	419490	7.730	ng/u1	98
74) Anthracene	17.581	178	57885	1.058	ng/u1	94

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

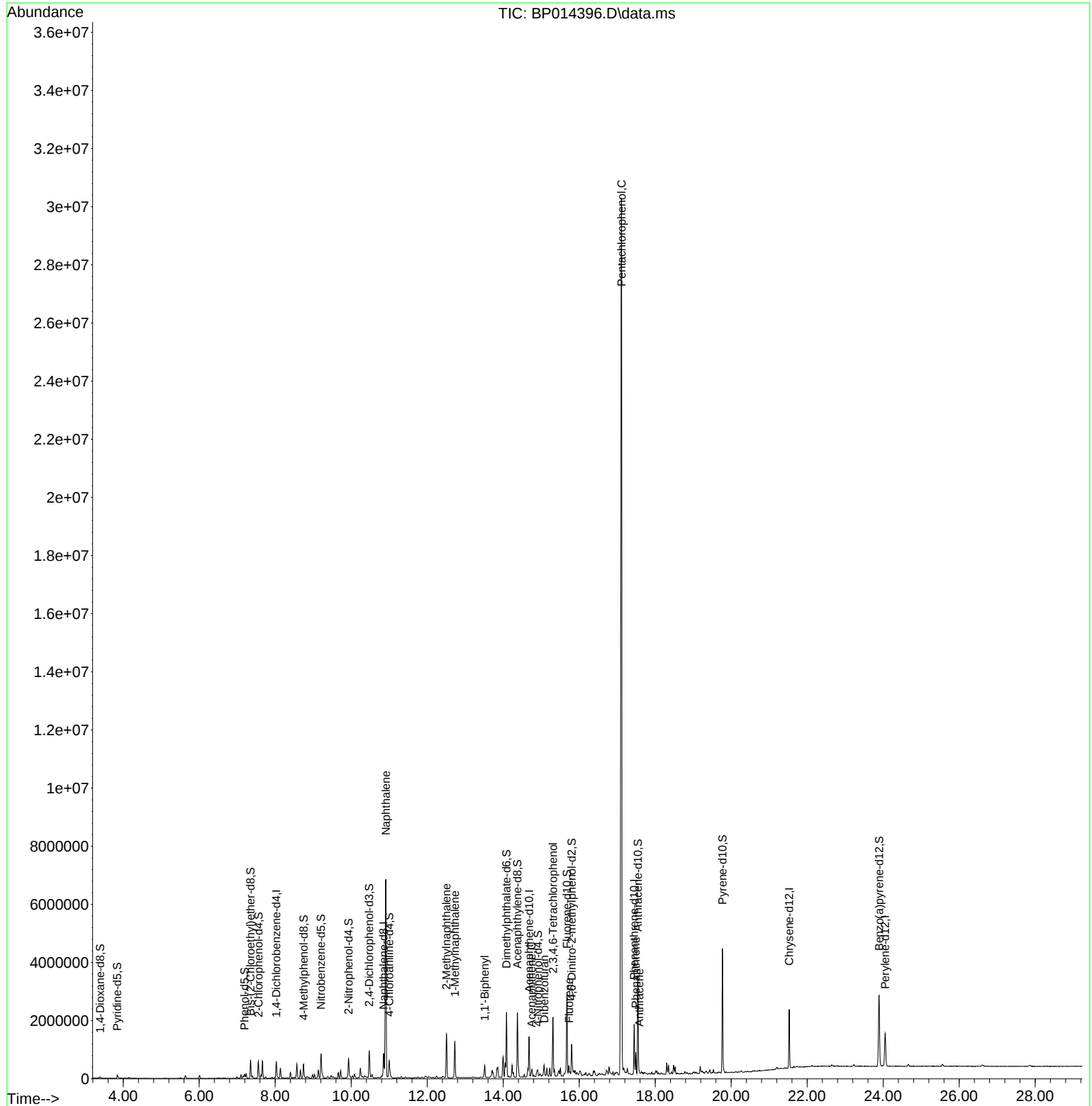
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033023\
Data File : BP014396.D
Acq On : 30 Mar 2023 11:57
Operator : CG/JU
Sample : 02059-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

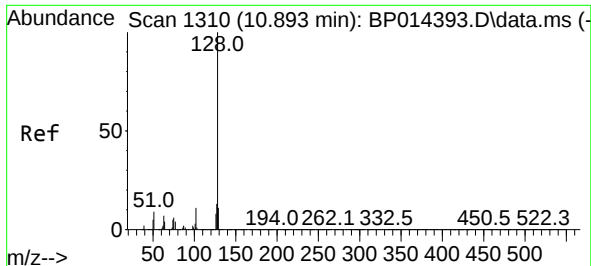
Instrument :
BNA_P
ClientSampleId :
C0QG0

Quant Time: Mar 30 22:39:21 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 30 12:32:14 2023
Response via : Initial Calibration

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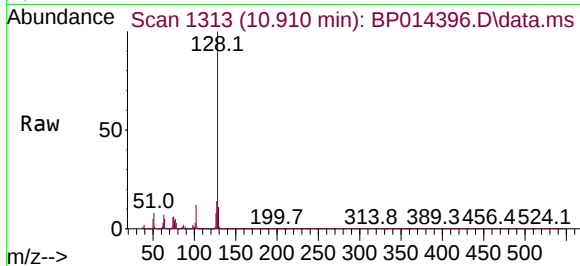
Reviewed By :Christian Giraldo 03/31/2023
Supervised By :Jagrut Upadhyay 03/31/2023





#30
Naphthalene
Concen: 146.610 ng/ul
RT: 10.910 min Scan# 1310
Delta R.T. 0.018 min
Lab File: BP014396.D
Acq: 30 Mar 2023 11:57

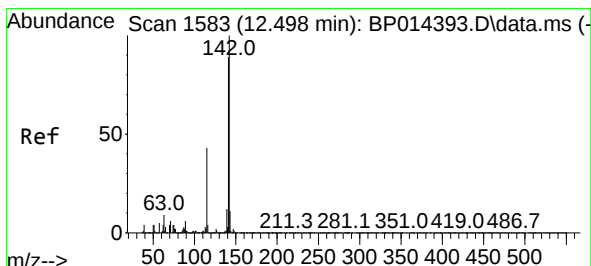
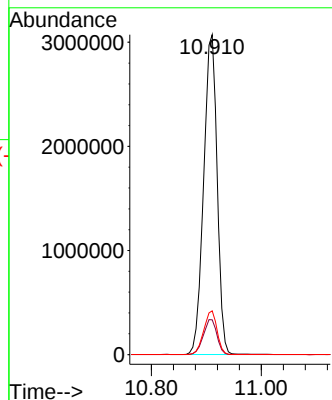
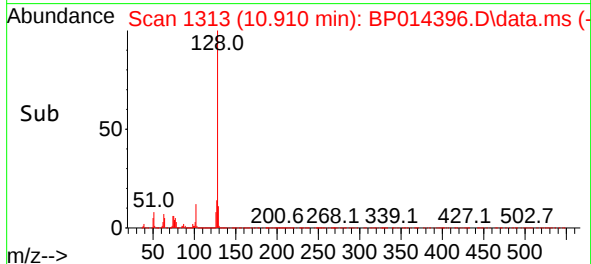
Instrument :
BNA_P
ClientSampleId :
C0QG0



Tgt Ion:128 Resp: 522793
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 13.7 11.0 16.6

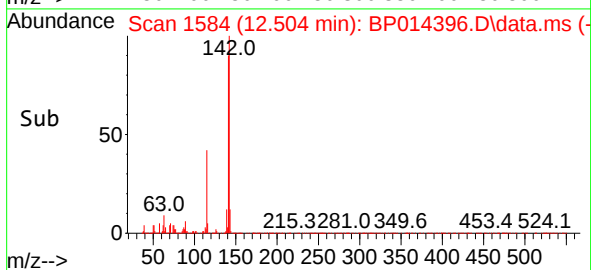
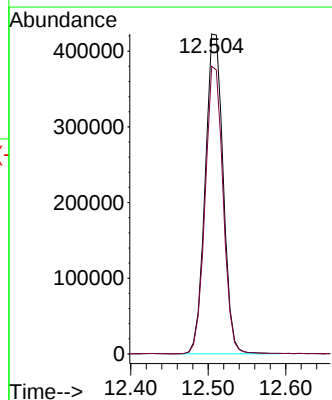
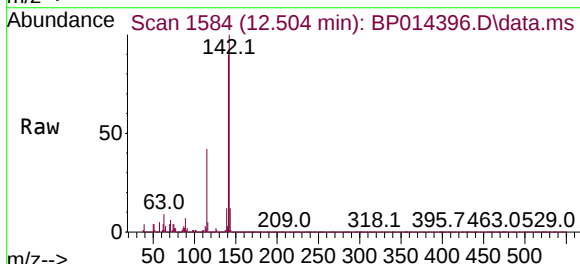
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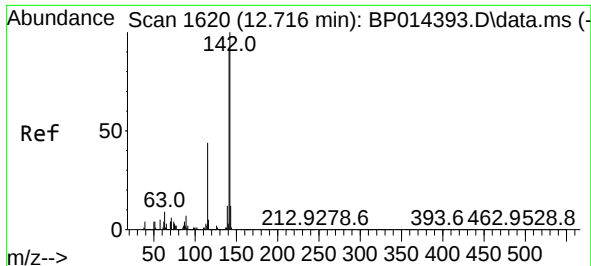
Reviewed By :Christian Giraldo 03/31/2023
Supervised By :Jagrut Upadhyay 03/31/2023



#36
2-Methylnaphthalene
Concen: 28.162 ng/ul
RT: 12.504 min Scan# 1584
Delta R.T. 0.006 min
Lab File: BP014396.D
Acq: 30 Mar 2023 11:57

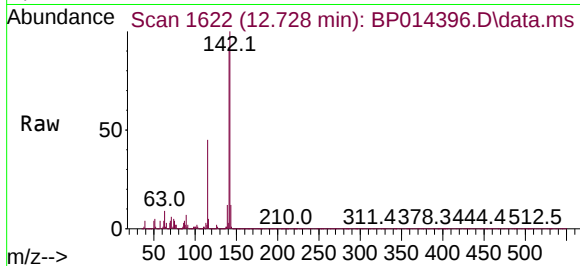
Tgt Ion:142 Resp: 680553
Ion Ratio Lower Upper
142 100
141 89.9 71.6 107.4





#37
1-Methylnaphthalene
Concen: 22.427 ng/ul
RT: 12.728 min Scan# 1622
Delta R.T. 0.012 min
Lab File: BP014396.D
Acq: 30 Mar 2023 11:57

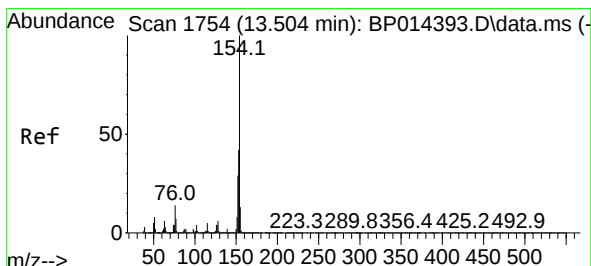
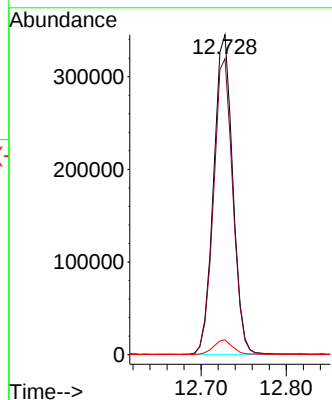
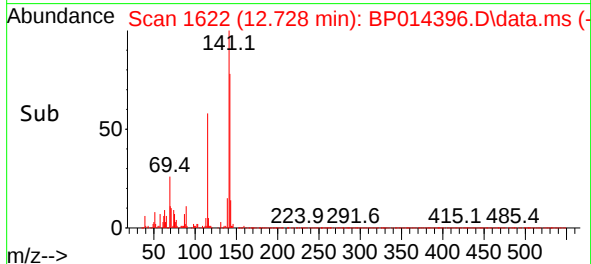
Instrument :
BNA_P
ClientSampleId :
C0QG0



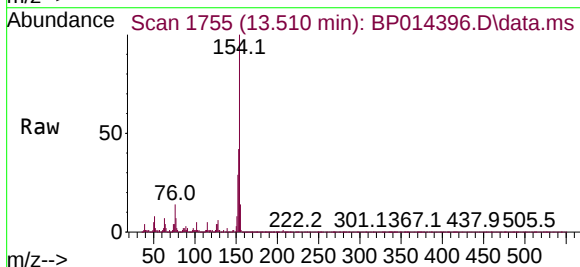
Tgt Ion:142 Resp: 537506
Ion Ratio Lower Upper
142 100
141 92.5 76.6 114.8
116 4.6 3.6 5.4

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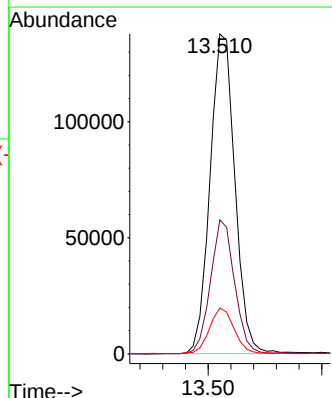
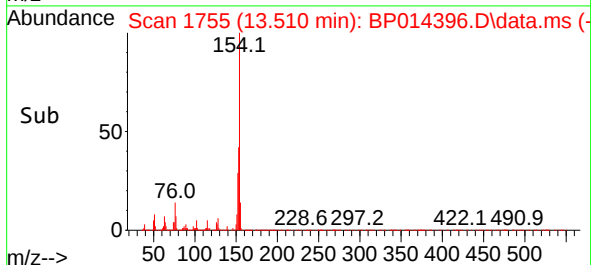
Reviewed By :Christian Giraldo 03/31/2023
Supervised By :Jagrut Upadhyay 03/31/2023

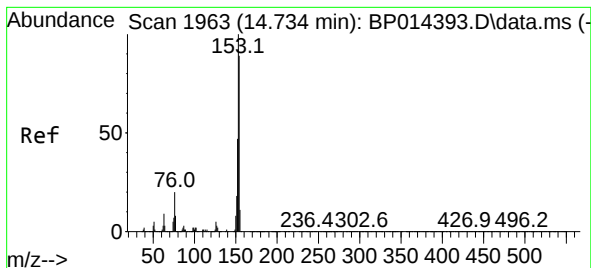


#43
1,1'-Biphenyl
Concen: 6.020 ng/ul
RT: 13.510 min Scan# 1755
Delta R.T. 0.006 min
Lab File: BP014396.D
Acq: 30 Mar 2023 11:57



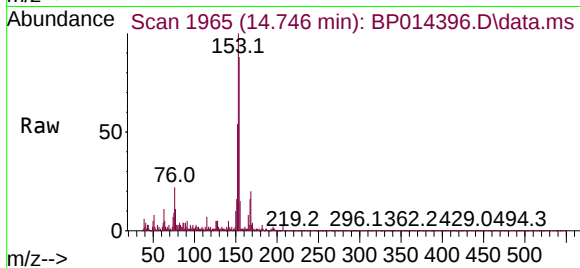
Tgt Ion:154 Resp: 209049
Ion Ratio Lower Upper
154 100
153 41.9 32.4 48.6
76 14.3 10.7 16.1





#52
Acenaphthene
Concen: 2.544 ng/ul
RT: 14.746 min Scan# 1965
Delta R.T. 0.012 min
Lab File: BP014396.D
Acq: 30 Mar 2023 11:57

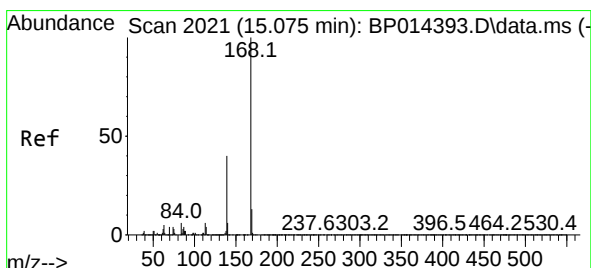
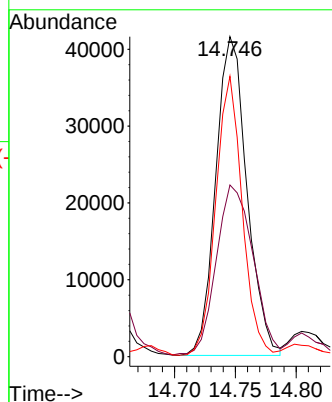
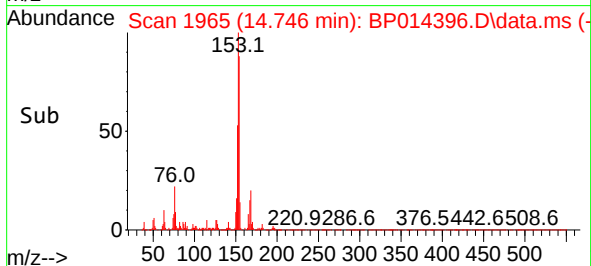
Instrument :
BNA_P
ClientSampleId :
C0QG0



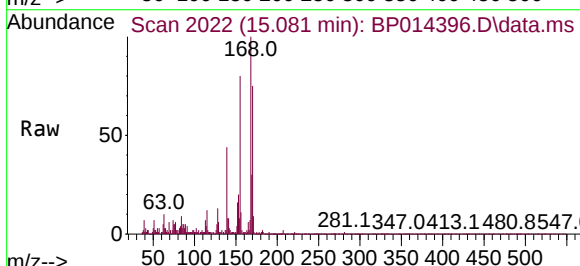
Tgt Ion:153 Resp: 74031
Ion Ratio Lower Upper
153 100
152 53.6 38.2 57.4
154 87.6 70.2 105.2

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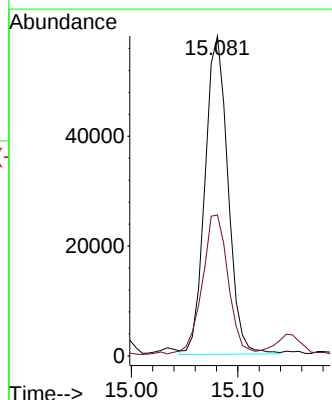
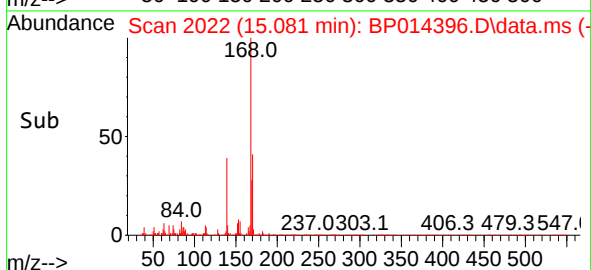
Reviewed By :Christian Giraldo 03/31/2023
Supervised By :Jagrut Upadhyay 03/31/2023

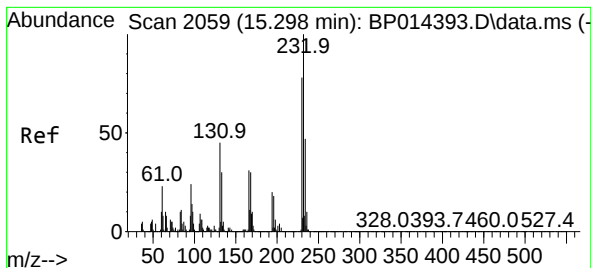


#56
Dibenzofuran
Concen: 2.120 ng/ul
RT: 15.081 min Scan# 2022
Delta R.T. 0.006 min
Lab File: BP014396.D
Acq: 30 Mar 2023 11:57



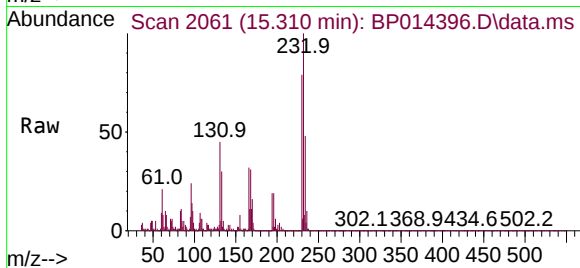
Tgt Ion:168 Resp: 86740
Ion Ratio Lower Upper
168 100
139 44.0 32.1 48.1





#58
2,3,4,6-Tetrachlorophenol
Concen: 42.896 ng/ul
RT: 15.310 min Scan# 2059
Delta R.T. 0.012 min
Lab File: BP014396.D
Acq: 30 Mar 2023 11:57

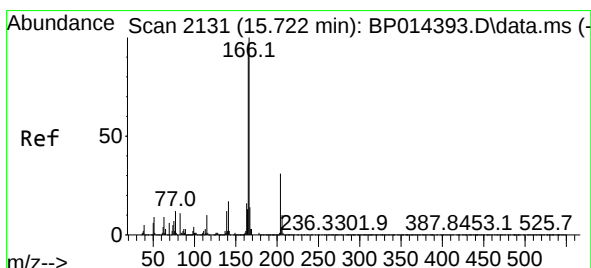
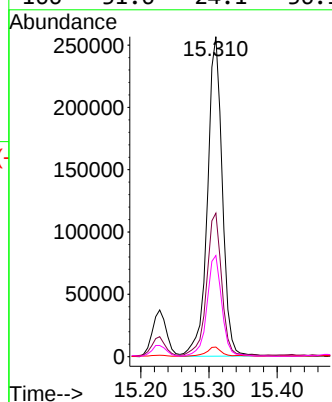
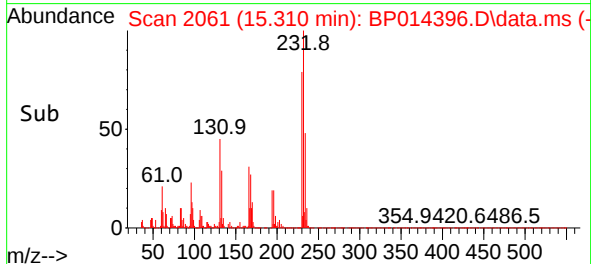
Instrument :
BNA_P
ClientSampleId :
C0QG0



Tgt Ion:232 Resp: 389220
Ion Ratio Lower Upper
232 100
131 44.8 35.0 52.4
130 3.0 1.9 2.9
166 31.6 24.1 36.1

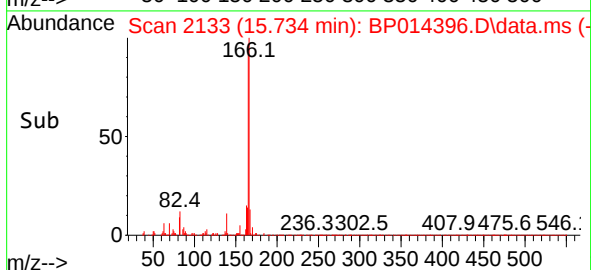
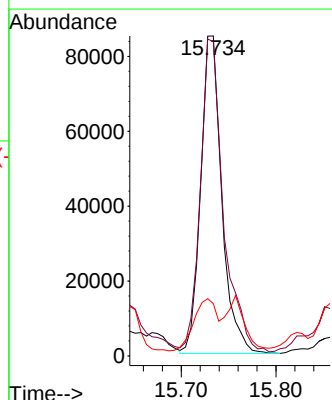
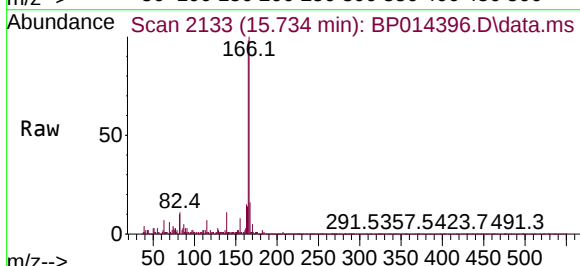
Manual Integrations
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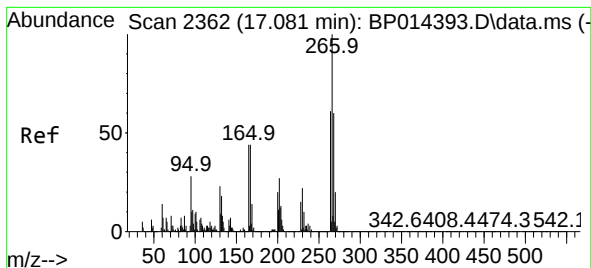
Reviewed By :Christian Giraldo 03/31/2023
Supervised By :Jagrut Upadhyay 03/31/2023



#61
Fluorene
Concen: 3.960 ng/ul
RT: 15.734 min Scan# 2133
Delta R.T. 0.012 min
Lab File: BP014396.D
Acq: 30 Mar 2023 11:57

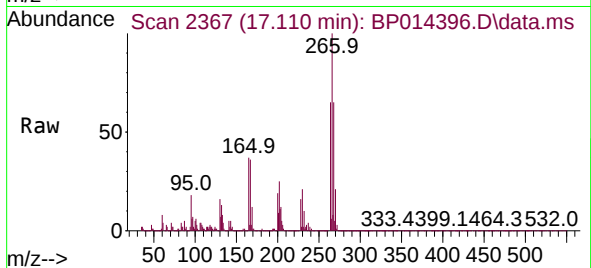
Tgt Ion:166 Resp: 131330
Ion Ratio Lower Upper
166 100
165 98.2 79.2 118.8
167 16.3 11.0 16.4





#71
Pentachlorophenol
Concen: 941.182 ng/ul
RT: 17.110 min Scan# 2430
Delta R.T. 0.030 min
Lab File: BP014396.D
Acq: 30 Mar 2023 11:57

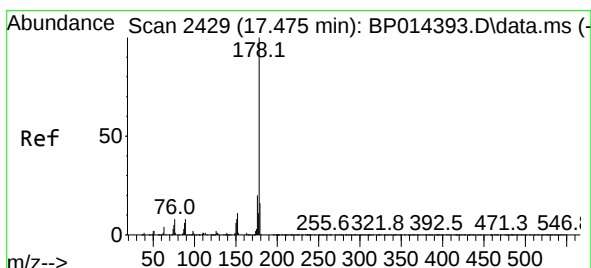
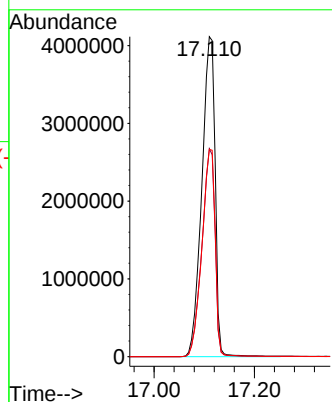
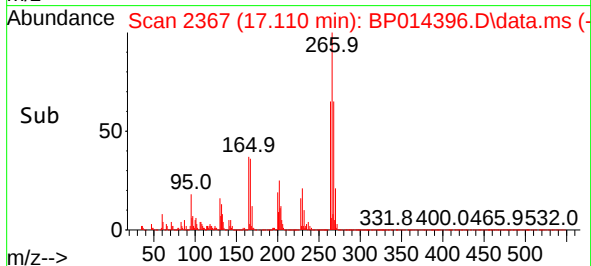
Instrument :
BNA_P
ClientSampleId :
C0QG0



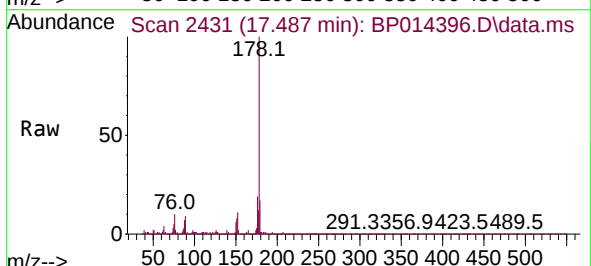
Tgt Ion:266 Resp: 7602386
Ion Ratio Lower Upper
266 100
264 65.0 51.0 76.4
268 64.8 51.4 77.2

Manual Integrations
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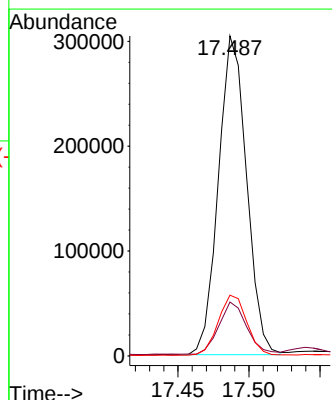
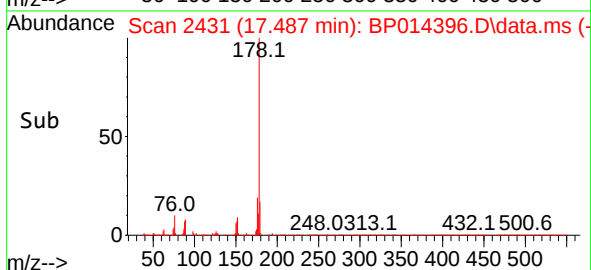
Reviewed By :Christian Giraldo 03/31/2023
Supervised By :Jagrut Upadhyay 03/31/2023

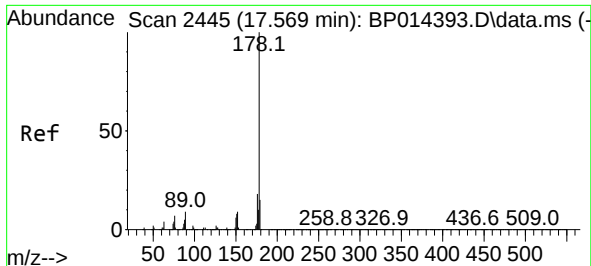


#72
Phenanthrene
Concen: 7.730 ng/ul
RT: 17.487 min Scan# 2431
Delta R.T. 0.012 min
Lab File: BP014396.D
Acq: 30 Mar 2023 11:57



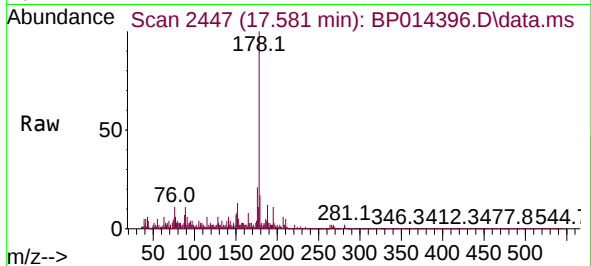
Tgt Ion:178 Resp: 419490
Ion Ratio Lower Upper
178 100
179 16.8 12.2 18.4
176 19.0 15.3 22.9





#74
 Anthracene
 Concen: 1.058 ng/ul
 RT: 17.581 min Scan# 2447
 Delta R.T. 0.012 min
 Lab File: BP014396.D
 Acq: 30 Mar 2023 11:57

Instrument :
 BNA_P
 ClientSampleId :
 C0QG0



Tgt Ion:178 Resp: 57885
 Ion Ratio Lower Upper
 178 100
 179 17.2 12.2 18.4
 176 21.5 14.9 22.3

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