

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032823\
 Data File : BP014349.D
 Acq On : 28 Mar 2023 18:05
 Operator : CG/JU
 Sample : 02087-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0QF9

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/29/2023
 Supervised By : Jagrut Upadhyay 03/29/2023

Quant Time: Mar 29 04:10:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 29 02:11:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.022	152	152536	20.000	ng/u1	0.00
20) Naphthalene-d8	10.846	136	678611	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.675	164	443564	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.439	188	985412	20.000	ng/u1	0.00
79) Chrysene-d12	21.522	240	872069	20.000	ng/u1	0.00
88) Perylene-d12	24.051	264	744744	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	19268	4.899	ng/uL	0.00
4) Pyridine-d5	3.846	84	43885m	4.354	ng/u1	0.02
7) Phenol-d5	7.181	99	108708	7.728	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.346	67	310440	34.395	ng/u1	0.00
11) 2-Chlorophenol-d4	7.552	132	273445	26.894	ng/u1	0.00
15) 4-Methylphenol-d8	8.734	113	213511	18.816	ng/u1	0.00
21) Nitrobenzene-d5	9.199	128	185761	33.908	ng/u1	0.00
24) 2-Nitrophenol-d4	9.928	143	212499	33.875	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.469	165	342836	30.009	ng/u1	0.00
31) 4-Chloroaniline-d4	10.993	131	199672	13.269	ng/u1	0.00
46) Dimethylphthalate-d6	14.081	166	1399345	38.909	ng/u1	0.00
49) Acenaphthylene-d8	14.369	160	1428073	35.785	ng/u1	0.00
54) 4-Nitrophenol-d4	14.898	143	44485m	8.187	ng/u1	0.01
60) Fluorene-d10	15.669	176	1168360	38.956	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.798	200	265663	36.639	ng/u1	0.00
73) Anthracene-d10	17.539	188	1859323	38.988	ng/u1	0.00
81) Pyrene-d10	19.763	212	2197069	37.508	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.886	264	1603268	40.519	ng/u1	0.00
Target Compounds					Qvalue	
30) Naphthalene	10.904	128	5302124	140.269	ng/u1	100
36) 2-Methylnaphthalene	12.504	142	799957	31.228	ng/u1	100
37) 1-Methylnaphthalene	12.722	142	599925	23.614	ng/u1	99
43) 1,1'-Biphenyl	13.504	154	253418	7.072	ng/u1	98
52) Acenaphthene	14.740	153	85237	2.838	ng/u1	97
56) Dibenzofuran	15.075	168	95900	2.271	ng/u1	93
58) 2,3,4,6-Tetrachlorophenol	15.304	232	322528	34.444	ng/u1#	98
61) Fluorene	15.728	166	164867	4.818	ng/u1	95
71) Pentachlorophenol	17.104	266	6769505	829.625	ng/u1	99
72) Phenanthrene	17.481	178	544135	9.925	ng/u1	98
74) Anthracene	17.575	178	77687	1.406	ng/u1	96
82) Pyrene	19.792	202	100356	1.388	ng/u1	96

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

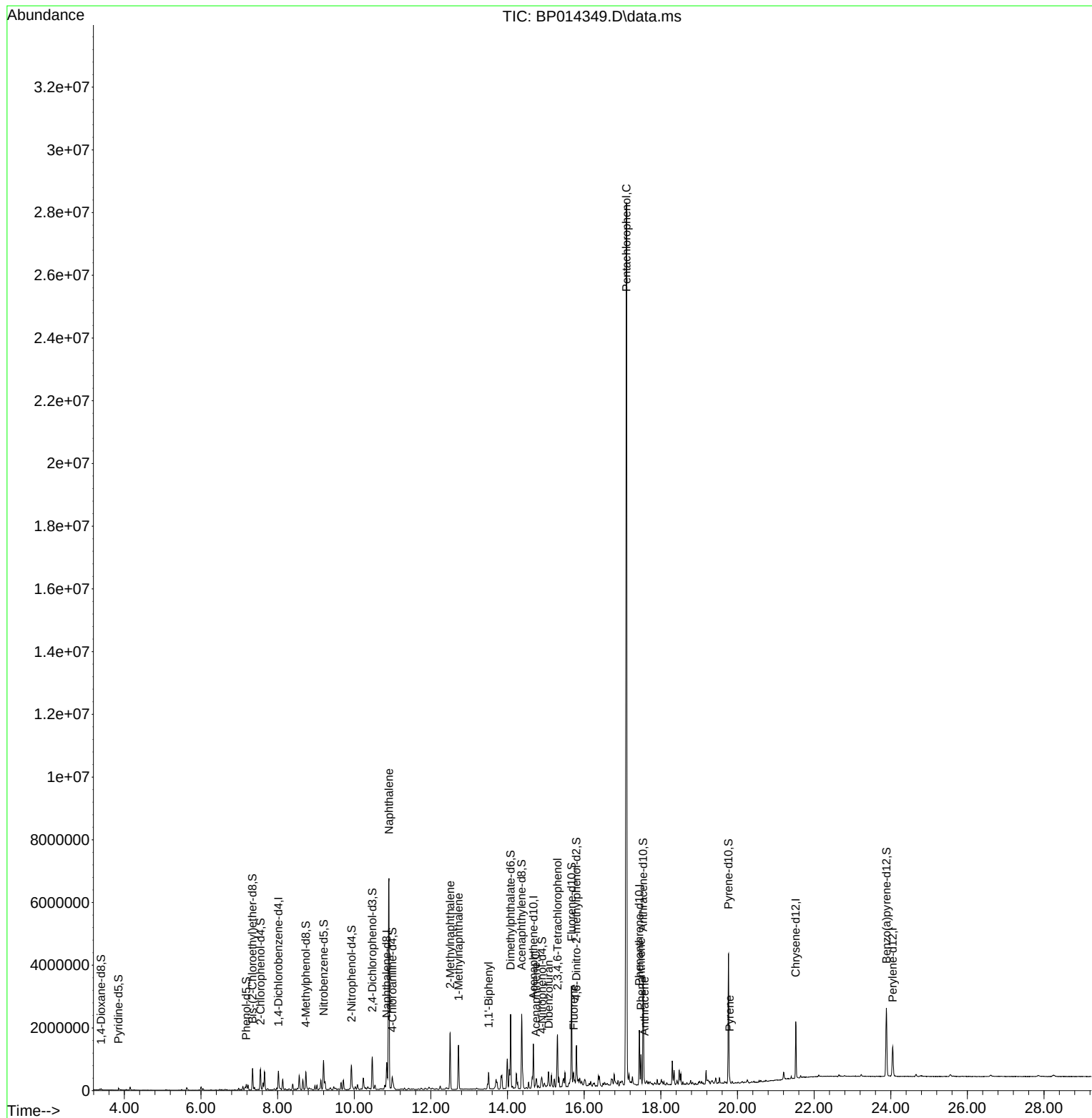
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032823\
Data File : BP014349.D
Acq On : 28 Mar 2023 18:05
Operator : CG/JU
Sample : 02087-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

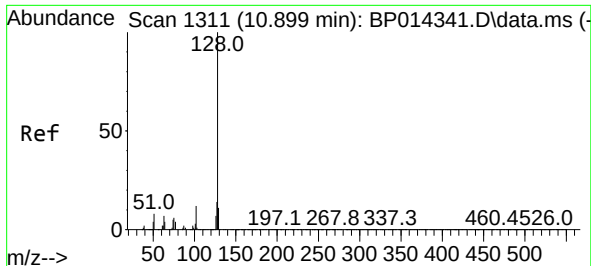
Instrument :
BNA_P
ClientSampleId :
C0QF9

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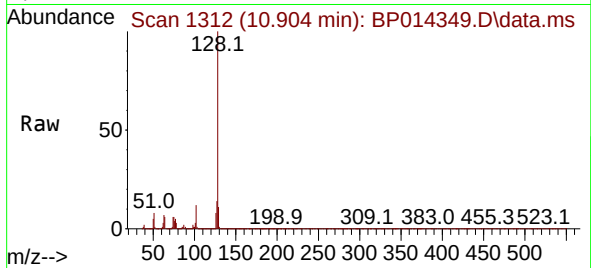
Reviewed By :Christian Giraldo 03/29/2023
Supervised By :Jagrut Upadhyay 03/29/2023





#30
Naphthalene
Concen: 140.269 ng/ul
RT: 10.904 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP014349.D
Acq: 28 Mar 2023 18:05

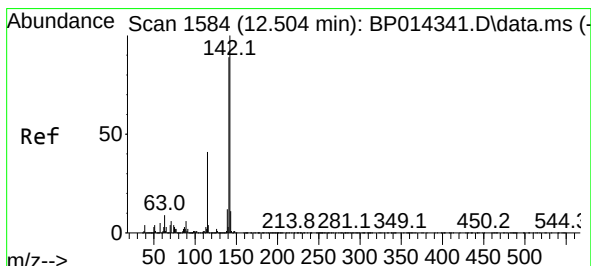
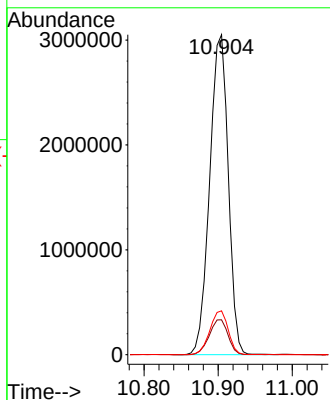
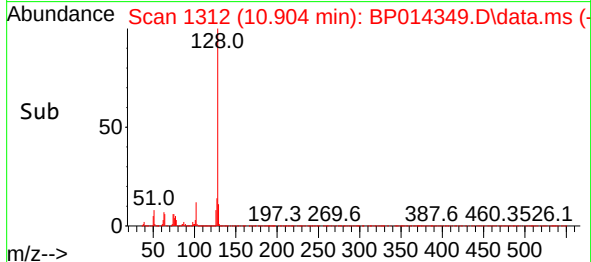
Instrument :
BNA_P
ClientSampleId :
C0QF9



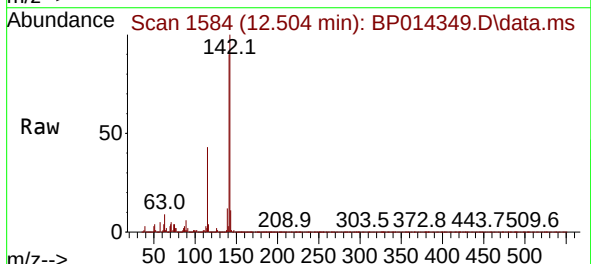
Tgt Ion:128 Resp: 5302124
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 13.7 11.0 16.6

Manual Integrations
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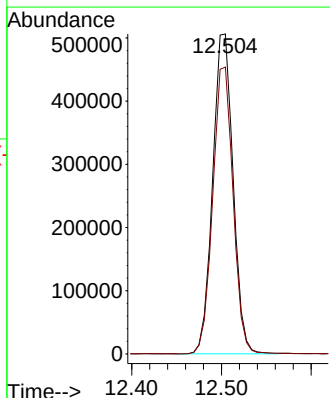
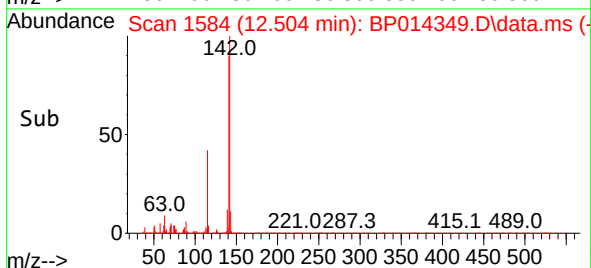
Reviewed By :Christian Giraldo 03/29/2023
Supervised By :Jagrut Upadhyay 03/29/2023

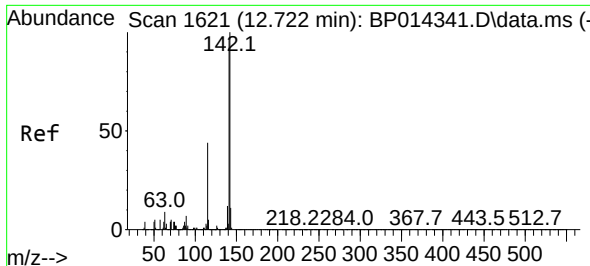


#36
2-Methylnaphthalene
Concen: 31.228 ng/ul
RT: 12.504 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BP014349.D
Acq: 28 Mar 2023 18:05



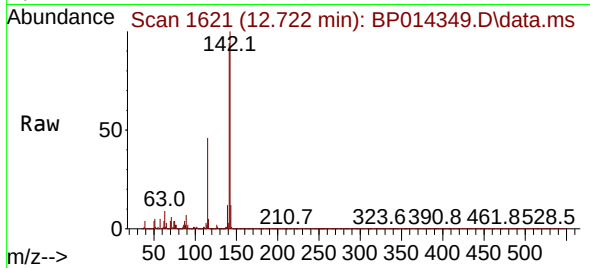
Tgt Ion:142 Resp: 799957
Ion Ratio Lower Upper
142 100
141 89.6 71.6 107.4





#37
1-Methylnaphthalene
Concen: 23.614 ng/ul
RT: 12.722 min Scan# 1621
Delta R.T. 0.000 min
Lab File: BP014349.D
Acq: 28 Mar 2023 18:05

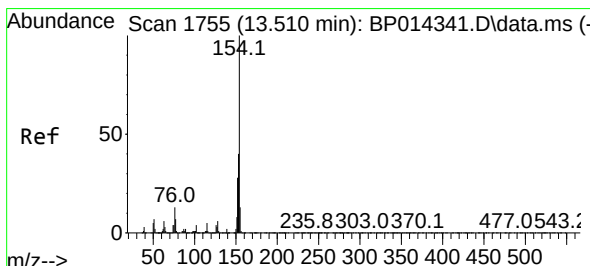
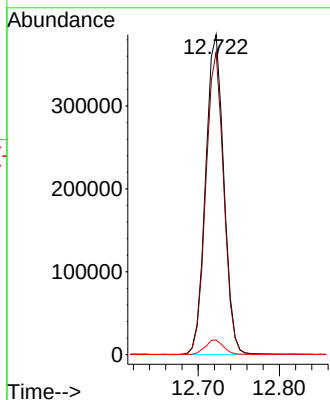
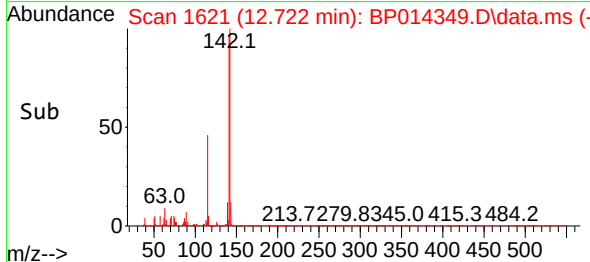
Instrument :
BNA_P
ClientSampleId :
C0QF9



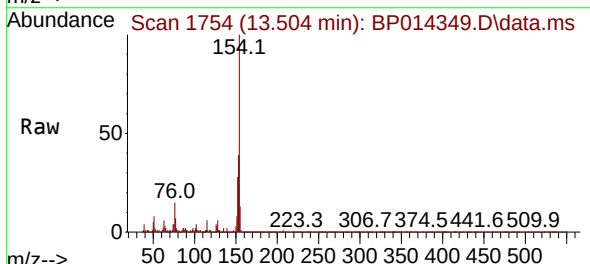
Tgt Ion:142 Resp: 599925
Ion Ratio Lower Upper
142 100
141 94.5 76.6 114.8
116 4.6 3.6 5.4

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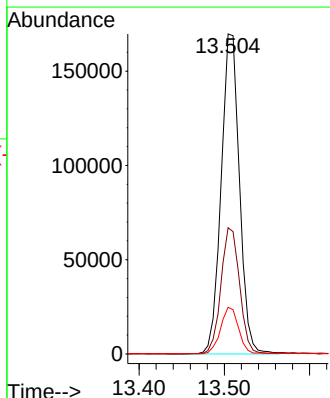
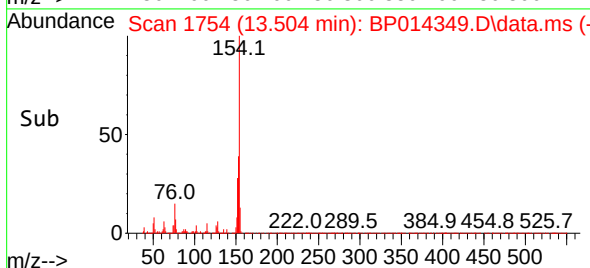
Reviewed By :Christian Giraldo 03/29/2023
Supervised By :Jagrut Upadhyay 03/29/2023

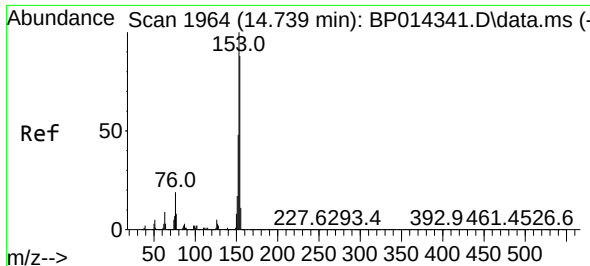


#43
1,1'-Biphenyl
Concen: 7.072 ng/ul
RT: 13.504 min Scan# 1754
Delta R.T. -0.006 min
Lab File: BP014349.D
Acq: 28 Mar 2023 18:05



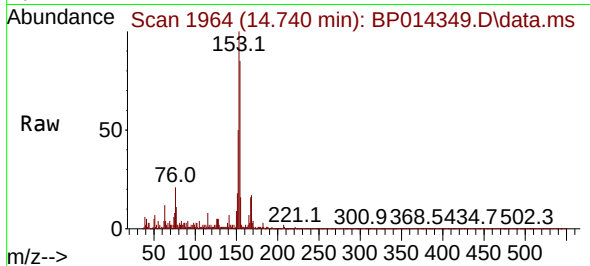
Tgt Ion:154 Resp: 253418
Ion Ratio Lower Upper
154 100
153 39.5 32.4 48.6
76 14.6 10.7 16.1





#52
Acenaphthene
Concen: 2.838 ng/ul
RT: 14.740 min Scan# 1964
Delta R.T. 0.000 min
Lab File: BP014349.D
Acq: 28 Mar 2023 18:05

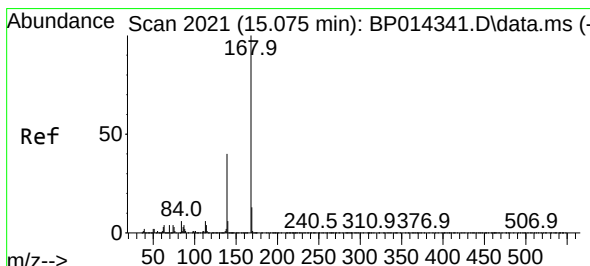
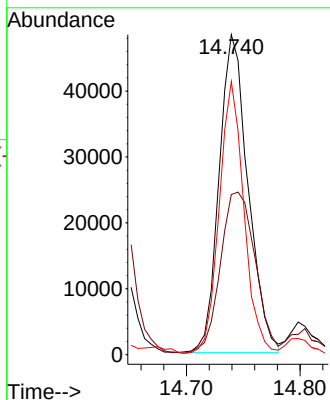
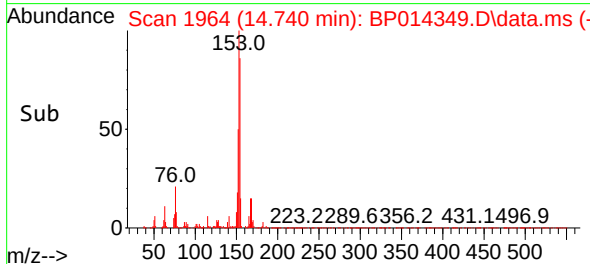
Instrument :
BNA_P
ClientSampleId :
C0QF9



Tgt Ion:153 Resp: 8523
Ion Ratio Lower Upper
153 100
152 50.0 38.2 57.4
154 85.3 70.2 105.2

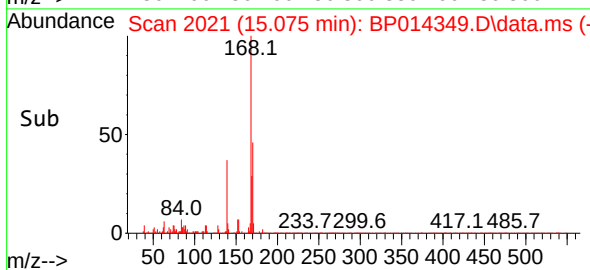
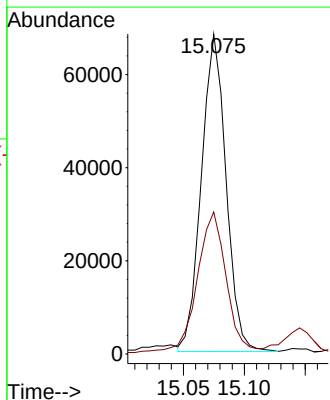
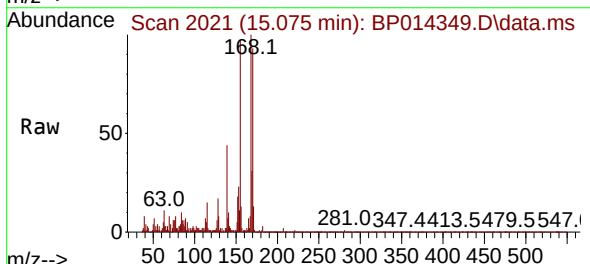
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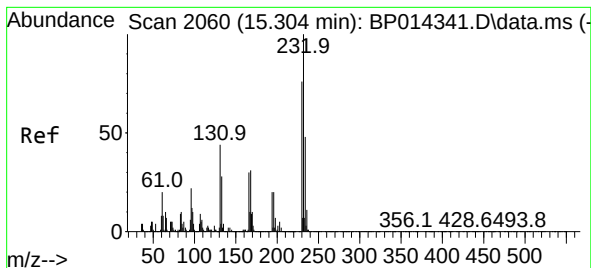
Reviewed By :Christian Giraldo 03/29/2023
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#56
Dibenzofuran
Concen: 2.271 ng/ul
RT: 15.075 min Scan# 2021
Delta R.T. 0.000 min
Lab File: BP014349.D
Acq: 28 Mar 2023 18:05

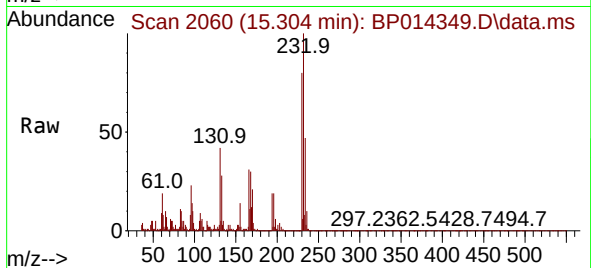
Tgt Ion:168 Resp: 95900
Ion Ratio Lower Upper
168 100
139 44.4 32.1 48.1





#58
2,3,4,6-Tetrachlorophenol
Concen: 34.444 ng/ul
RT: 15.304 min Scan# 2060
Delta R.T. 0.000 min
Lab File: BP014349.D
Acq: 28 Mar 2023 18:05

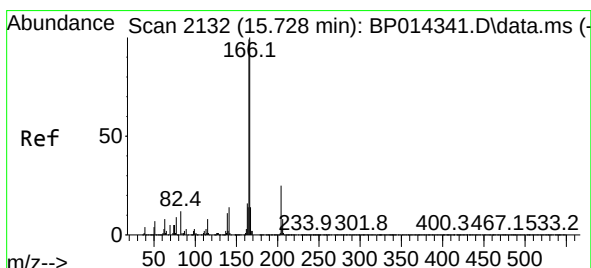
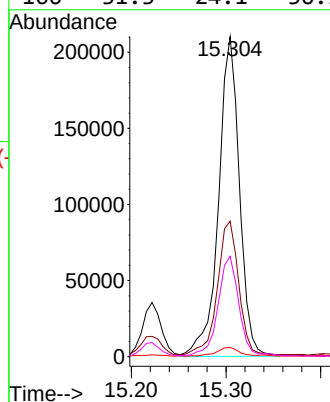
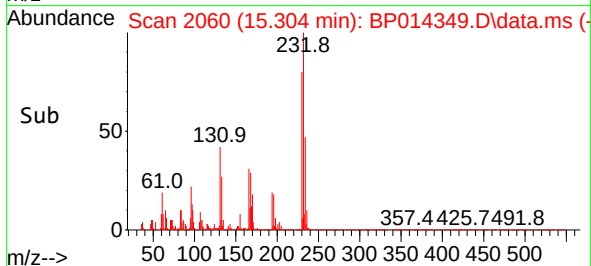
Instrument :
BNA_P
ClientSampleId :
C0QF9



Tgt Ion:232 Resp: 322528
Ion Ratio Lower Upper
232 100
131 42.3 35.0 52.4
130 2.9 1.9 2.9
166 31.3 24.1 36.1

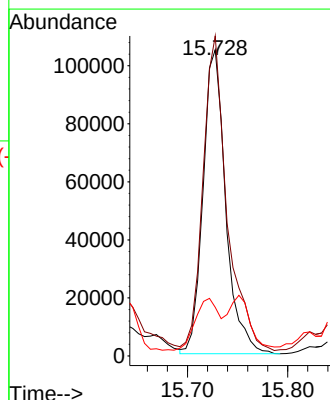
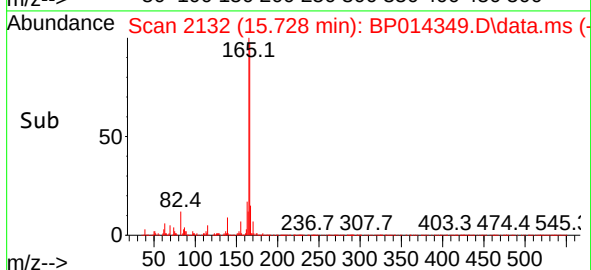
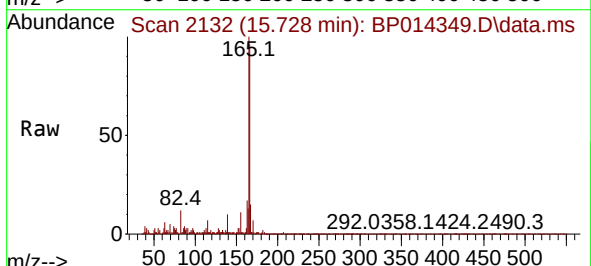
Manual Integrations
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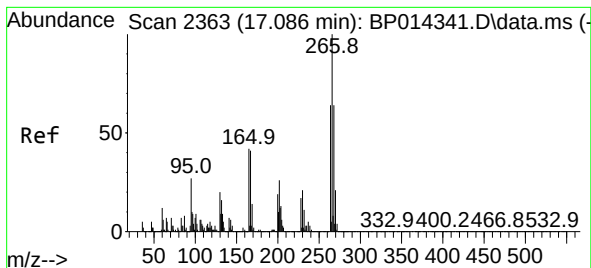
Reviewed By :Christian Giraldo 03/29/2023
Supervised By :Jagrut Upadhyay 03/29/2023



#61
Fluorene
Concen: 4.818 ng/ul
RT: 15.728 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BP014349.D
Acq: 28 Mar 2023 18:05

Tgt Ion:166 Resp: 164867
Ion Ratio Lower Upper
166 100
165 104.5 79.2 118.8
167 15.9 11.0 16.4





#71

Pentachlorophenol

Concen: 829.625 ng/ul

RT: 17.104 min Scan# 21

Delta R.T. 0.018 min

Lab File: BP014349.D

Acq: 28 Mar 2023 18:05

Instrument :

BNA_P

ClientSampleId :

C0QF9

Tgt Ion:266 Resp: 676950

Ion Ratio Lower Upper

266 100

264 64.2 51.0 76.4

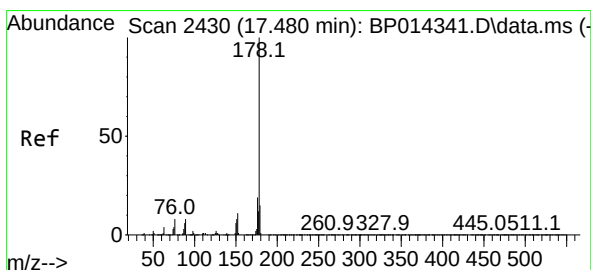
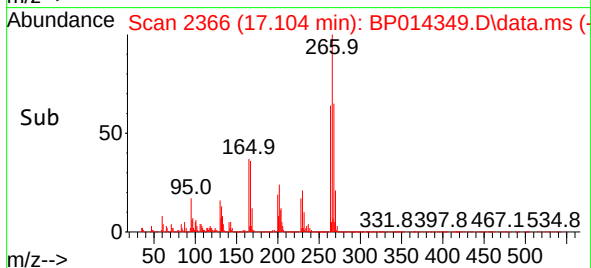
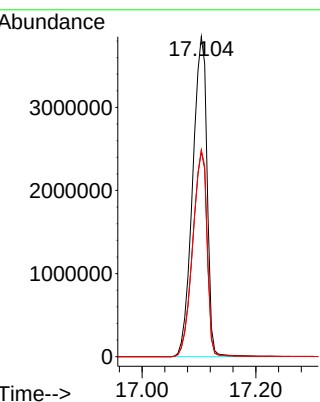
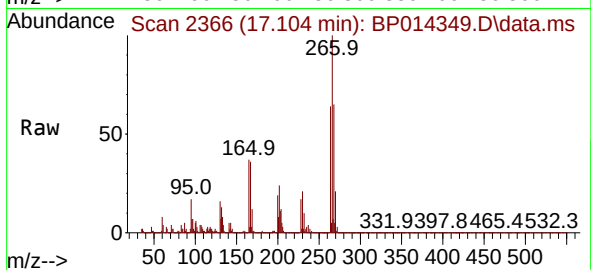
268 64.7 51.4 77.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/29/2023

Supervised By :Jagrut Upadhyay 03/29/2023



#72

Phenanthrene

Concen: 9.925 ng/ul

RT: 17.481 min Scan# 2430

Delta R.T. 0.000 min

Lab File: BP014349.D

Acq: 28 Mar 2023 18:05

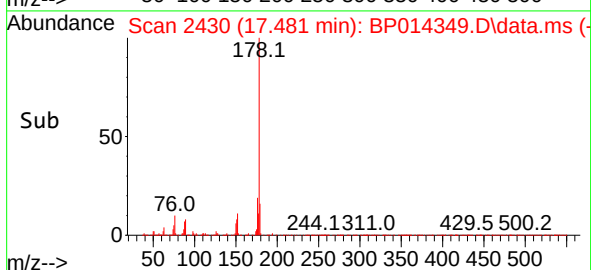
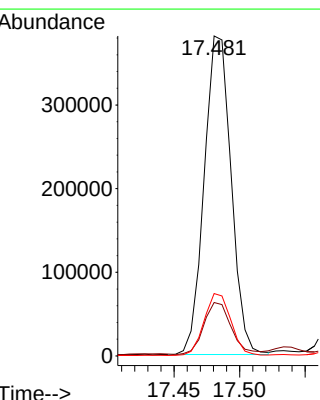
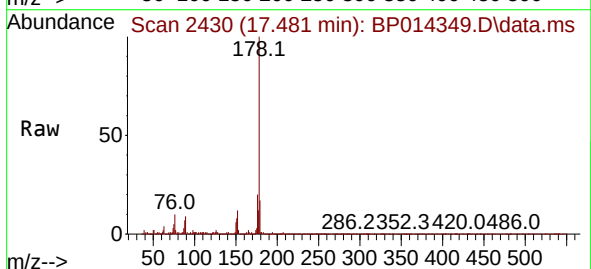
Tgt Ion:178 Resp: 544135

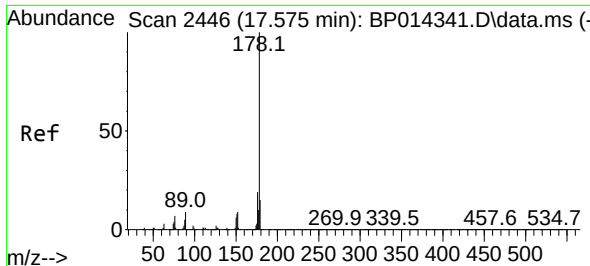
Ion Ratio Lower Upper

178 100

179 16.7 12.2 18.4

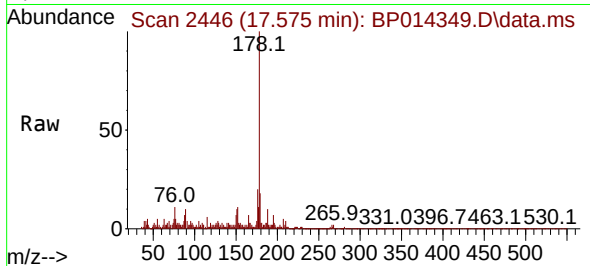
176 19.5 15.3 22.9





#74
 Anthracene
 Concen: 1.406 ng/u1
 RT: 17.575 min Scan# 2446
 Delta R.T. 0.000 min
 Lab File: BP014349.D
 Acq: 28 Mar 2023 18:05

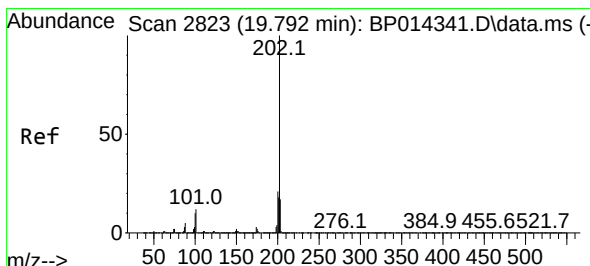
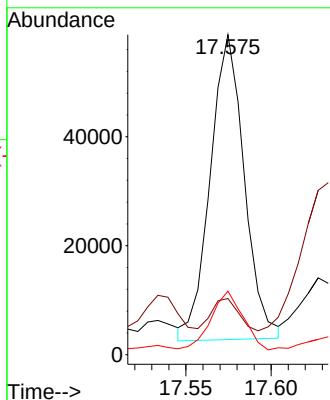
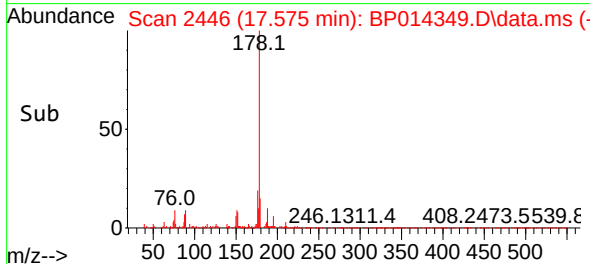
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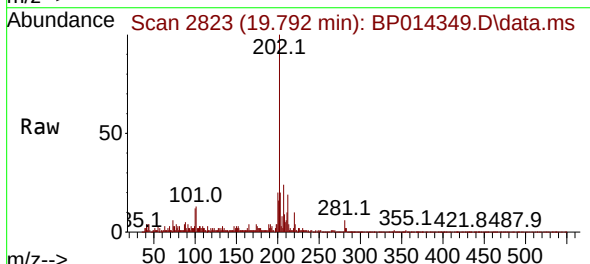
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 Ion Ratio Lower Upper
 178 100
 179 17.5 12.2 18.4
 176 19.9 14.9 22.3

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 03/29/2023
 Supervised By :Jagrut Upadhyay 03/29/2023



#82
 Pyrene
 Concen: 1.388 ng/u1
 RT: 19.792 min Scan# 2823
 Delta R.T. 0.000 min
 Lab File: BP014349.D
 Acq: 28 Mar 2023 18:05



Tgt Ion:202 Resp: 100356
 Ion Ratio Lower Upper
 202 100
 101 13.0 9.7 14.5
 100 11.9 8.0 12.0

