

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033023\
 Data File : BP014398.D
 Acq On : 30 Mar 2023 13:04
 Operator : CG/JU
 Sample : 02059-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0QG5

Manual Integrations
 APPROVED

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

Quant Time: Mar 30 22:39:54 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	8.016	152	161891	20.000	ng/u1	0.00
20) Naphthalene-d8	10.840	136	703860	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.669	164	445298	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.439	188	927506	20.000	ng/u1	0.00
79) Chrysene-d12	21.522	240	752126	20.000	ng/u1	0.00
88) Perylene-d12	24.039	264	696444	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	20798	4.982	ng/uL	0.00
4) Pyridine-d5	3.828	84	132001	12.339	ng/u1	0.00
7) Phenol-d5	7.175	99	128703	8.620	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.340	67	365298	38.134	ng/u1	0.00
11) 2-Chlorophenol-d4	7.546	132	328520	30.443	ng/u1	0.00
15) 4-Methylphenol-d8	8.734	113	244069	20.266	ng/u1	0.00
21) Nitrobenzene-d5	9.193	128	217941	38.355	ng/u1	0.00
24) 2-Nitrophenol-d4	9.916	143	245987	37.807	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.463	165	405239	34.199	ng/u1	0.00
31) 4-Chloroaniline-d4	10.987	131	308472	19.763	ng/u1	0.00
46) Dimethylphthalate-d6	14.075	166	1499048	41.518	ng/u1	0.00
49) Acenaphthylene-d8	14.363	160	1601401	39.972	ng/u1	0.00
54) 4-Nitrophenol-d4	14.898	143	46270m	8.483	ng/u1	0.02
60) Fluorene-d10	15.669	176	1221612	40.572	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.792	200	274618	40.239	ng/u1	0.00
73) Anthracene-d10	17.539	188	1843459	41.069	ng/u1	0.00
81) Pyrene-d10	19.763	212	2068431	40.943	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.874	264	1557723	42.099	ng/u1	0.00
Target Compounds					Qvalue	
30) Naphthalene	10.899	128	7076532	180.496	ng/u1	100
36) 2-Methylnaphthalene	12.499	142	744057	28.004	ng/u1	100
37) 1-Methylnaphthalene	12.716	142	645407	24.493	ng/u1	96
43) 1,1'-Biphenyl	13.504	154	231056	6.422	ng/u1	99
52) Acenaphthene	14.734	153	64254	2.131	ng/u1	98
56) Dibenzofuran	15.069	168	85870	2.026	ng/u1	94
58) 2,3,4,6-Tetrachlorophenol	15.298	232	611444	65.044	ng/u1	98
61) Fluorene	15.722	166	113321	3.299	ng/u1	98
71) Pentachlorophenol	17.110	266	9536987	1241.759	ng/u1	99
72) Phenanthrene	17.481	178	248614	4.818	ng/u1	99

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

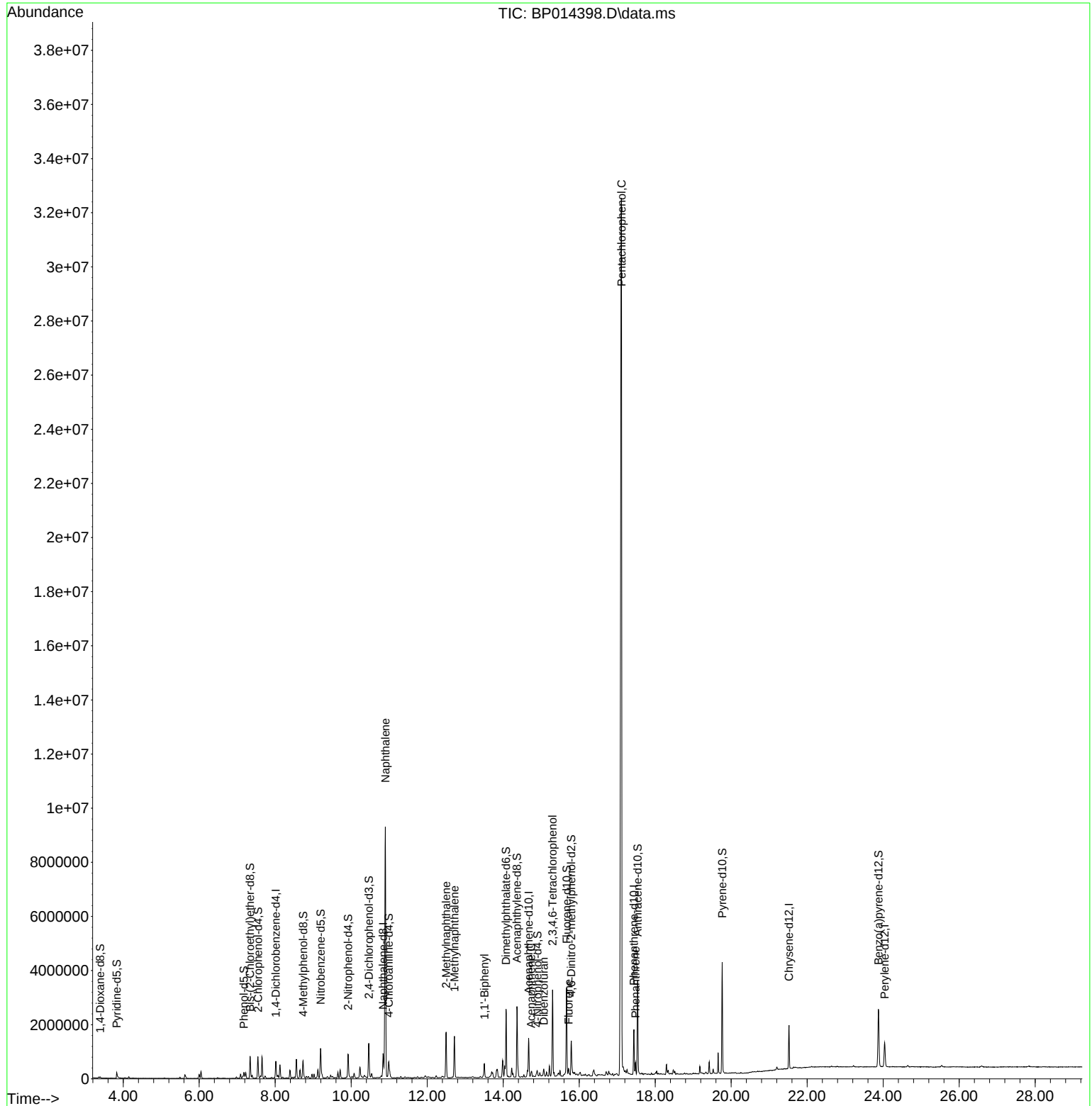
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Data File : BP014398.D
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Operator : CG/JU
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Misc :
ALS Vial : 7 Sample Multiplier: 1

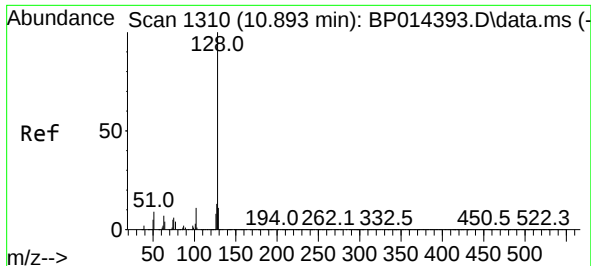
Instrument :
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ClientSampleId :
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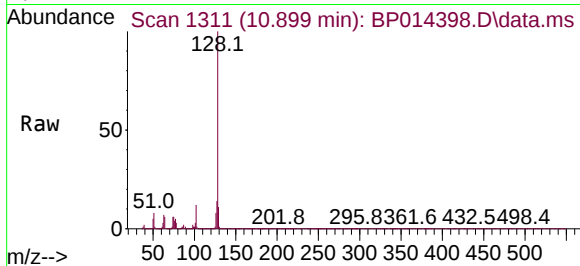
Reviewed By :Christian Giraldo 03/31/2023
Supervised By :Jagrut Upadhyay 03/31/2023





#30
Naphthalene
Concen: 180.496 ng/ul
RT: 10.899 min Scan# 1310
Delta R.T. 0.006 min
Lab File: BP014398.D
Acq: 30 Mar 2023 13:04

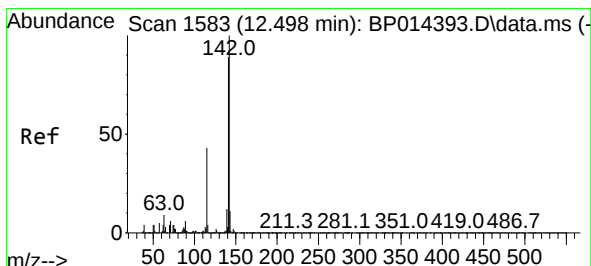
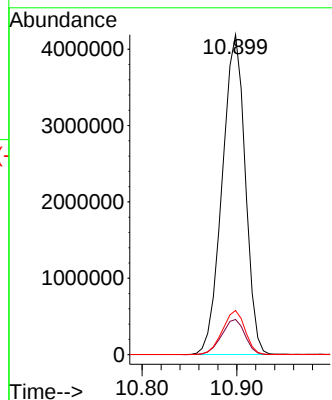
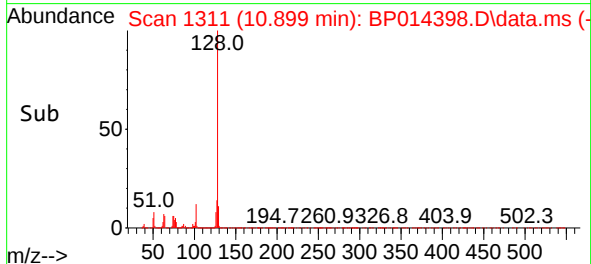
Instrument :
BNA_P
ClientSampleId :
C0QG5



Tgt Ion:128 Resp: 7076532
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.8 11.0 16.6

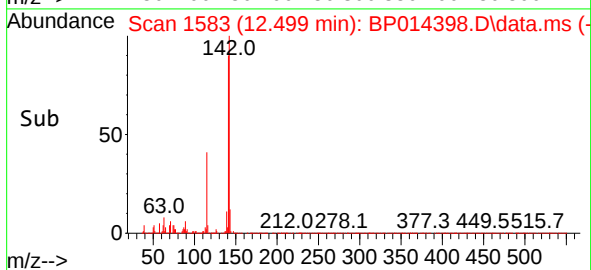
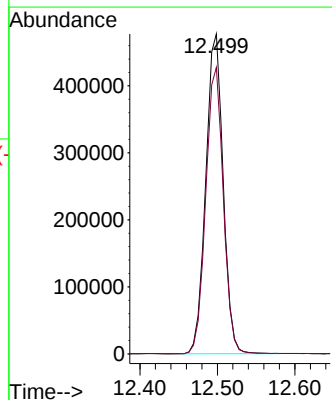
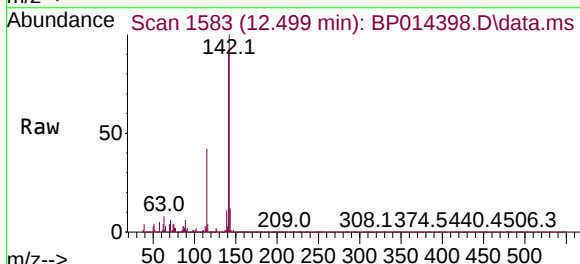
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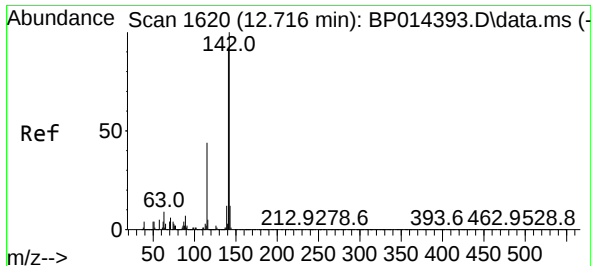
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#36
2-Methylnaphthalene
Concen: 28.004 ng/ul
RT: 12.499 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BP014398.D
Acq: 30 Mar 2023 13:04

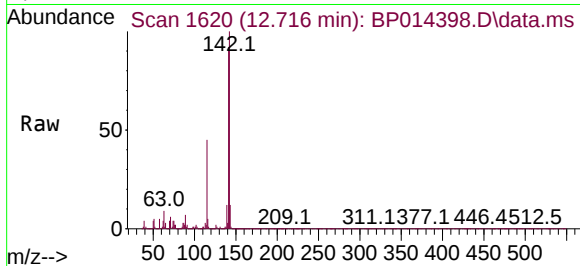
Tgt Ion:142 Resp: 744057
Ion Ratio Lower Upper
142 100
141 89.5 71.6 107.4





#37
1-Methylnaphthalene
Concen: 24.493 ng/ul
RT: 12.716 min Scan# 1620
Delta R.T. 0.000 min
Lab File: BP014398.D
Acq: 30 Mar 2023 13:04

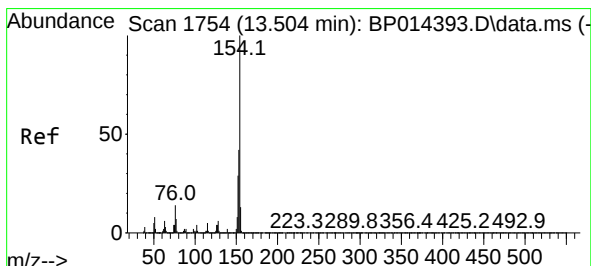
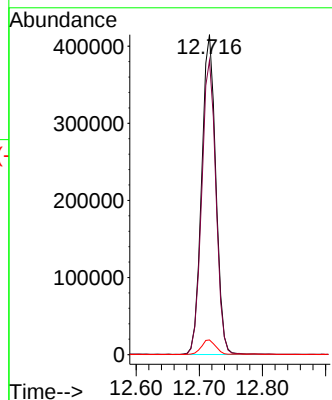
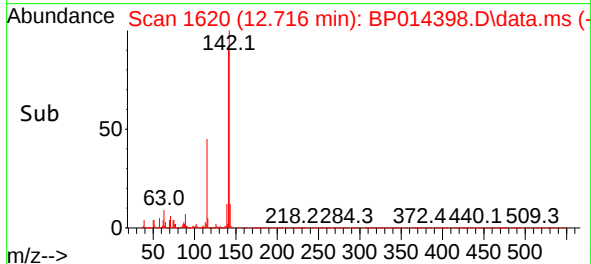
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BNA_P
ClientSampleId :
C0QG5



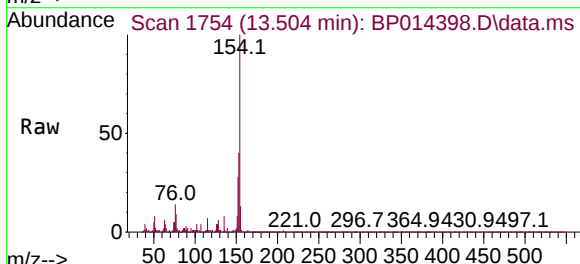
Tgt Ion:142 Resp: 645407
Ion Ratio Lower Upper
142 100
141 91.9 76.6 114.8
116 4.6 3.6 5.4

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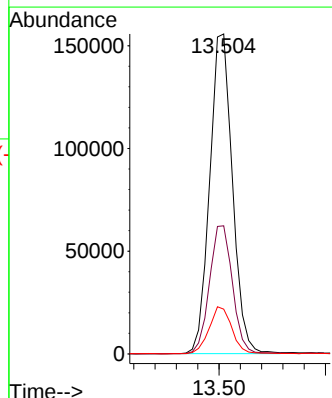
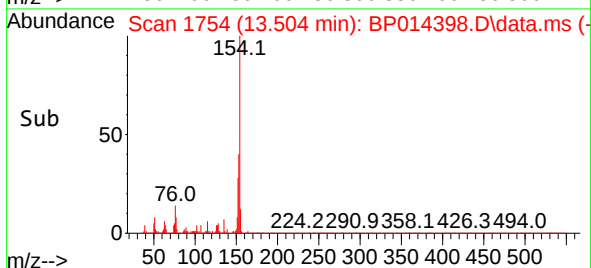
Reviewed By :Christian Giraldo 03/31/2023
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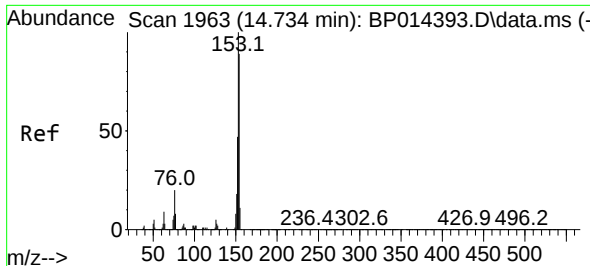


#43
1,1'-Biphenyl
Concen: 6.422 ng/ul
RT: 13.504 min Scan# 1754
Delta R.T. 0.000 min
Lab File: BP014398.D
Acq: 30 Mar 2023 13:04



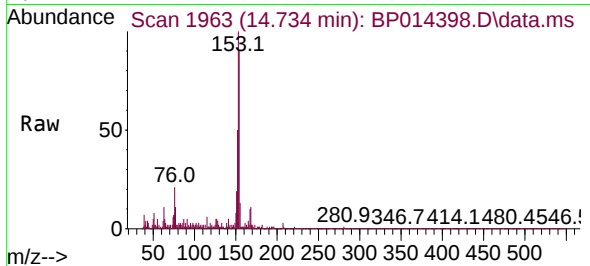
Tgt Ion:154 Resp: 231056
Ion Ratio Lower Upper
154 100
153 40.0 32.4 48.6
76 14.0 10.7 16.1





#52
Acenaphthene
Concen: 2.131 ng/ul
RT: 14.734 min Scan# 1963
Delta R.T. 0.000 min
Lab File: BP014398.D
Acq: 30 Mar 2023 13:04

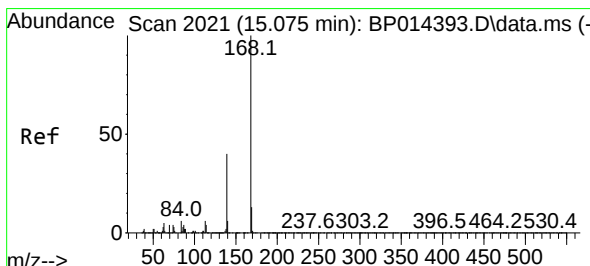
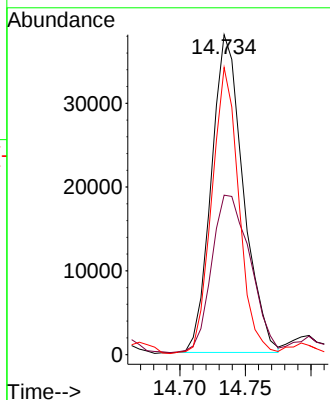
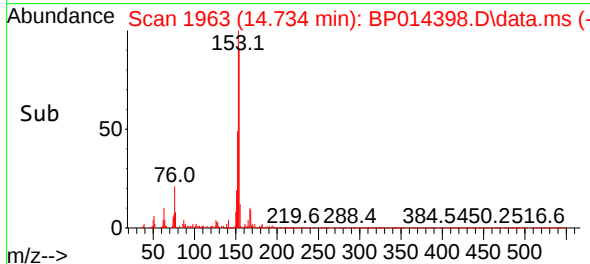
Instrument :
BNA_P
ClientSampleId :
C0QG5



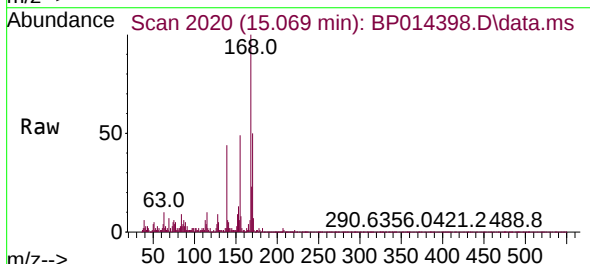
Tgt Ion:153 Resp: 64254
Ion Ratio Lower Upper
153 100
152 49.8 38.2 57.4
154 89.7 70.2 105.2

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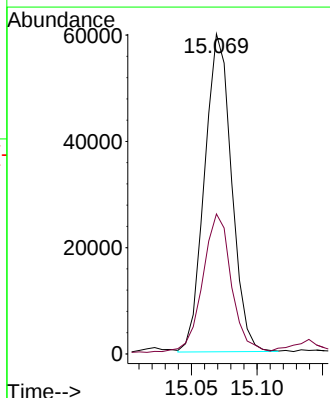
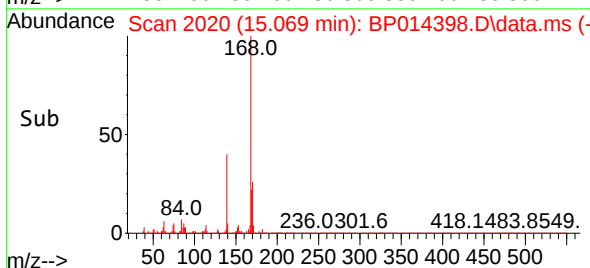
Reviewed By :Christian Giraldo 03/31/2023
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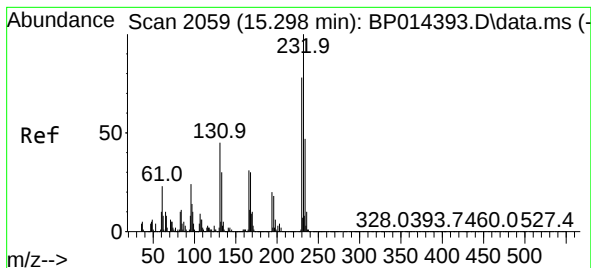


#56
Dibenzofuran
Concen: 2.026 ng/ul
RT: 15.069 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BP014398.D
Acq: 30 Mar 2023 13:04



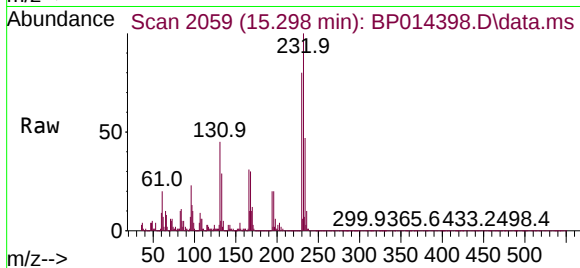
Tgt Ion:168 Resp: 85870
Ion Ratio Lower Upper
168 100
139 43.7 32.1 48.1





#58
2,3,4,6-Tetrachlorophenol
Concen: 65.044 ng/ul
RT: 15.298 min Scan# 2059
Delta R.T. 0.000 min
Lab File: BP014398.D
Acq: 30 Mar 2023 13:04

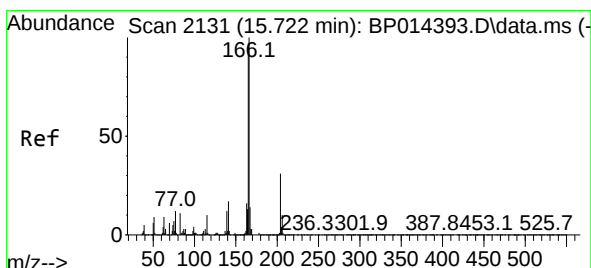
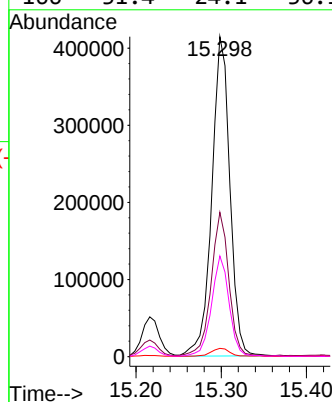
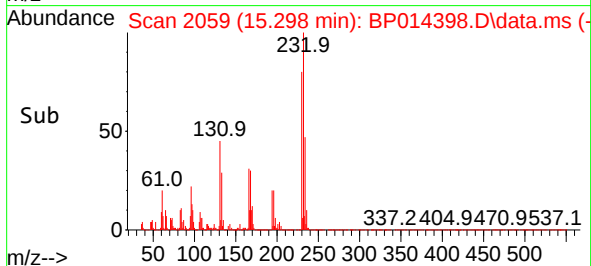
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BNA_P
ClientSampleId :
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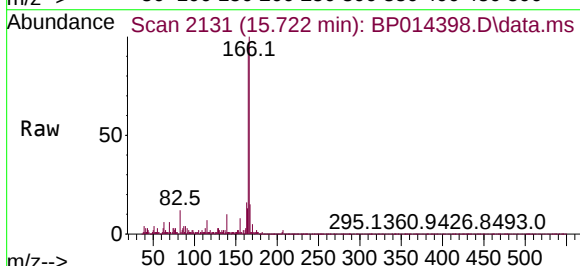
Tgt Ion:232 Resp: 611444
Ion Ratio Lower Upper
232 100
131 45.1 35.0 52.4
130 2.6 1.9 2.9
166 31.4 24.1 36.1

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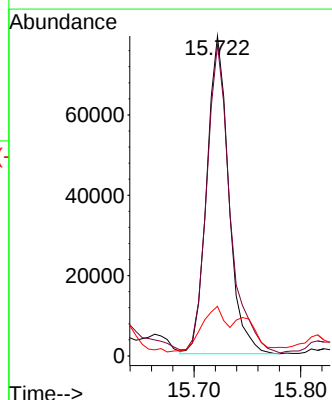
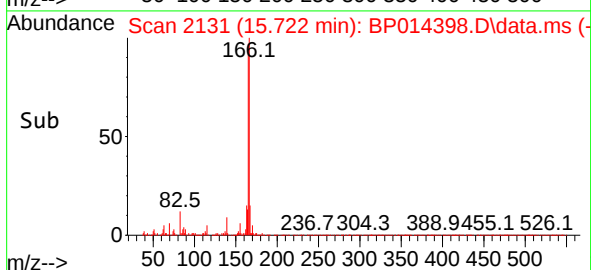
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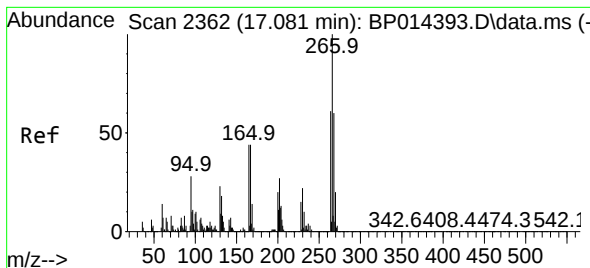


#61
Fluorene
Concen: 3.299 ng/ul
RT: 15.722 min Scan# 2131
Delta R.T. 0.000 min
Lab File: BP014398.D
Acq: 30 Mar 2023 13:04



Tgt Ion:166 Resp: 113321
Ion Ratio Lower Upper
166 100
165 97.4 79.2 118.8
167 15.5 11.0 16.4





#71

Pentachlorophenol

Concen: 1241.759 ng/ul

RT: 17.110 min Scan# 2430

Delta R.T. 0.030 min

Lab File: BP014398.D

Acq: 30 Mar 2023 13:04

Instrument :

BNA_P

ClientSampleId :

C0QG5

Tgt Ion:266 Resp: 953698

Ion Ratio Lower Upper

266 100

264 64.2 51.0 76.4

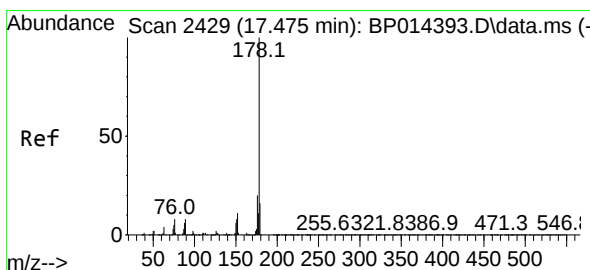
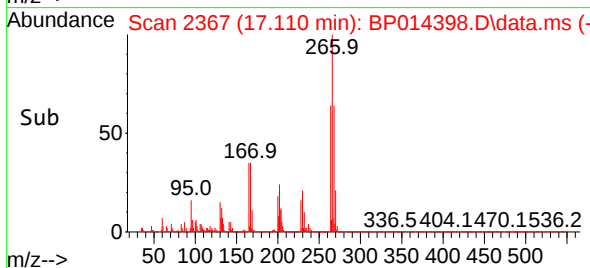
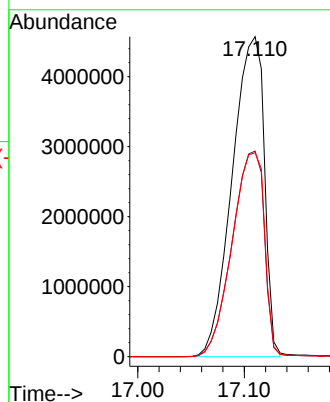
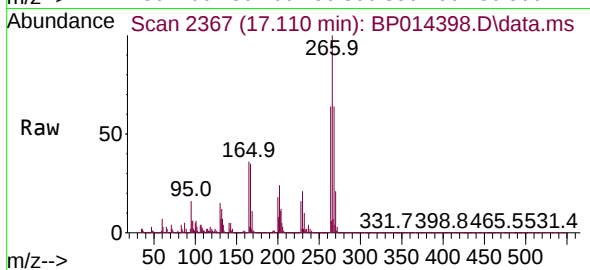
268 63.7 51.4 77.2

Manual Integrations

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#72

Phenanthrene

Concen: 4.818 ng/ul

RT: 17.481 min Scan# 2430

Delta R.T. 0.006 min

Lab File: BP014398.D

Acq: 30 Mar 2023 13:04

Tgt Ion:178 Resp: 248614

Ion Ratio Lower Upper

178 100

179 15.7 12.2 18.4

176 18.4 15.3 22.9

