

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031023\
 Data File : BP014031.D
 Acq On : 10 Mar 2023 15:30
 Operator : CG/JU
 Sample : 01784-06DL 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCAD8DL

Quant Time: Mar 10 21:29:46 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 09 01:10:12 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 03/13/2023
 Supervised By : Jagrut Upadhyay 03/13/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.075	152	140234	20.000	ng/u1	0.00
20) Naphthalene-d8	10.898	136	620649	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.716	164	441953	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.469	188	1074256	20.000	ng/u1	0.00
79) Chrysene-d12	21.545	240	1141100	20.000	ng/u1	-0.01
88) Perylene-d12	24.086	264	1116437	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	3.905	84	10318m	1.004	ng/u1	0.04
7) Phenol-d5	7.234	99	10098m	0.816	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.399	67	39606	5.488	ng/u1	0.00
11) 2-Chlorophenol-d4	7.605	132	34041	3.610	ng/u1	0.00
15) 4-Methylphenol-d8	8.787	113	22007	2.177	ng/u1	0.00
21) Nitrobenzene-d5	9.251	128	22865	4.617	ng/u1	0.00
24) 2-Nitrophenol-d4	9.981	143	24528	4.138	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.522	165	47176	4.230	ng/u1	0.00
31) 4-Chloroaniline-d4	11.040	131	46285	3.136	ng/u1	0.00
46) Dimethylphthalate-d6	14.116	166	236851	6.315	ng/u1	0.00
49) Acenaphthylene-d8	14.410	160	219667m	5.529	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.704	176	197028	6.198	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.822	200	38660	4.762	ng/u1	-0.01
73) Anthracene-d10	17.569	188	352316	6.756	ng/u1	0.00
81) Pyrene-d10	19.786	212	459126	7.295	ng/u1	-0.01
92) Benzo(a)pyrene-d12	23.915	264	402290	6.774	ng/u1	-0.01
Target Compounds						
					Qvalue	
30) Naphthalene	10.951	128	761528	22.344	ng/u1	99
36) 2-Methylnaphthalene	12.551	142	43591	1.824	ng/u1	100
37) 1-Methylnaphthalene	12.769	142	71821	2.989	ng/u1	98
43) 1,1'-Biphenyl	13.551	154	55834	1.641	ng/u1	95
52) Acenaphthene	14.781	153	191689	6.576	ng/u1	99
56) Dibenzofuran	15.110	168	97415	2.297	ng/u1	99
58) 2,3,4,6-Tetrachlorophenol	15.339	232	13124	1.245	ng/u1	94
71) Pentachlorophenol	17.116	266	52928	5.291	ng/u1	95
72) Phenanthrene	17.510	178	104845	1.789	ng/u1	99
77) Carbazole	17.869	167	272335	5.197	ng/u1	98

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

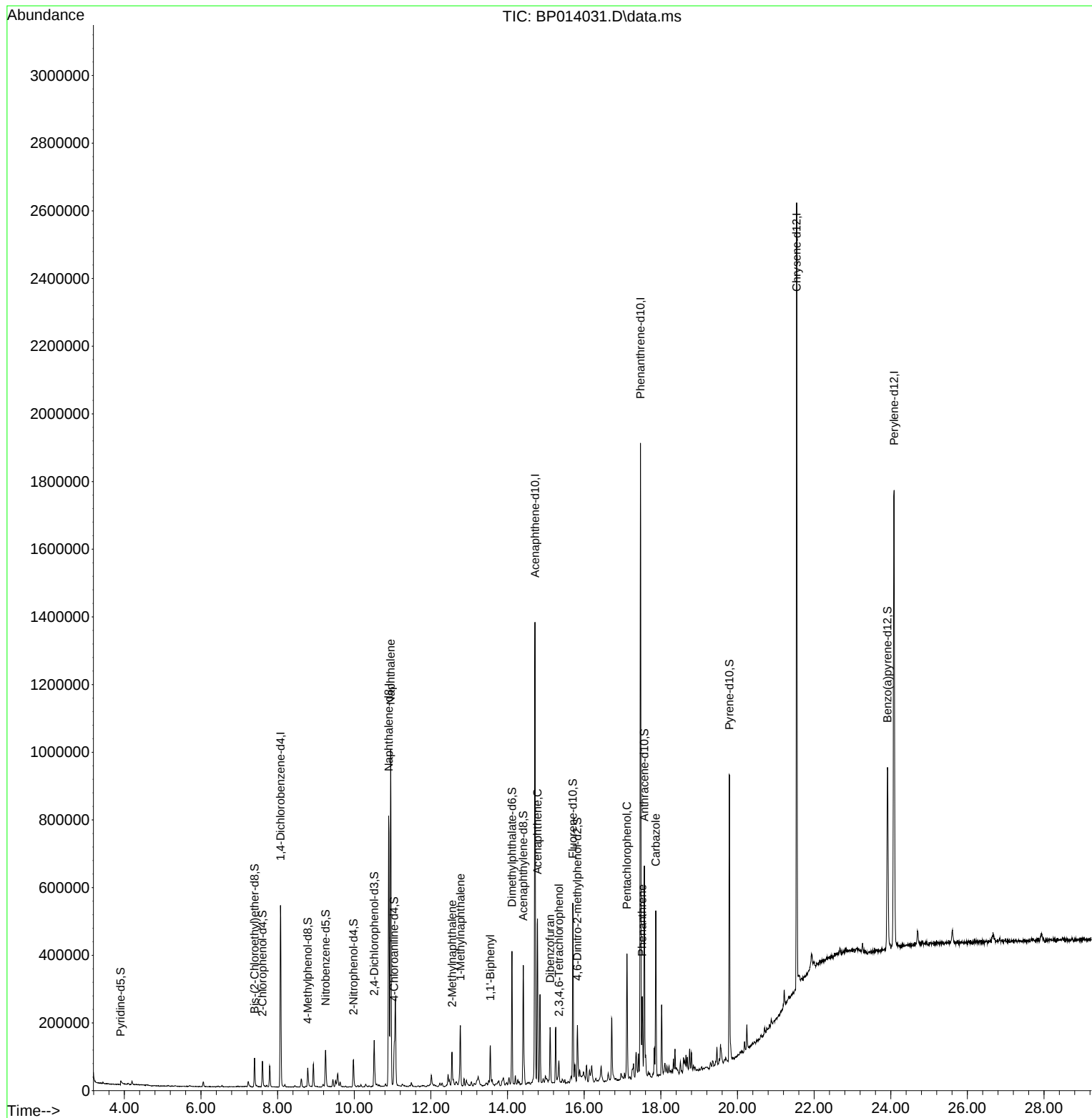
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031023\
Data File : BP014031.D
Acq On : 10 Mar 2023 15:30
Operator : CG/JU
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Misc :
ALS Vial : 11 Sample Multiplier: 1

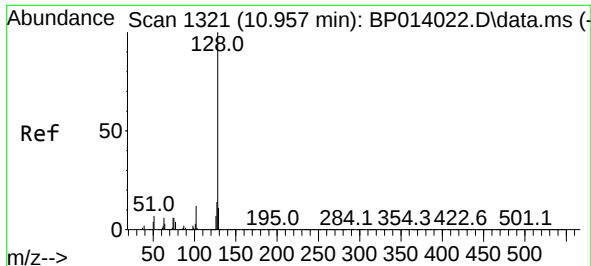
Instrument :
BNA_P
ClientSampleId :
DCAD8DL

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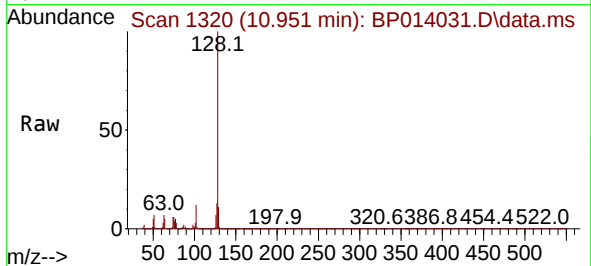
Quant Time: Mar 10 21:29:46 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 09 01:10:12 2023
Response via : Initial Calibration





#30
Naphthalene
Concen: 22.344 ng/ul
RT: 10.951 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP014031.D
Acq: 10 Mar 2023 15:30

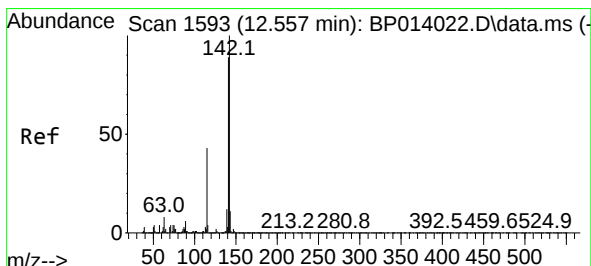
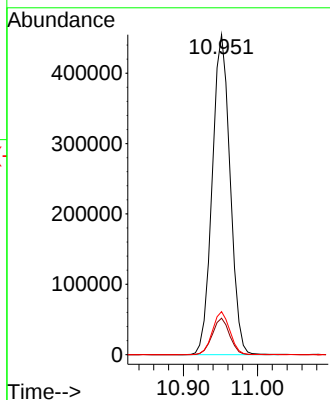
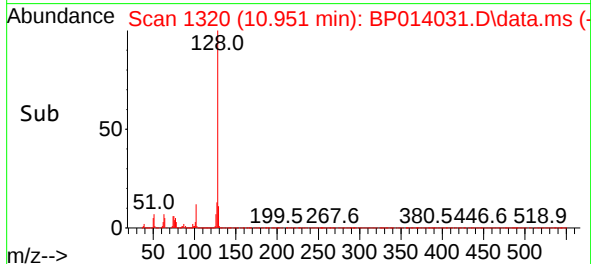
Instrument :
BNA_P
ClientSampleId :
DCAD8DL



Tgt Ion:128 Resp: 761528
Ion Ratio Lower Upper
128 100
129 11.4 8.5 12.7
127 13.4 11.0 16.4

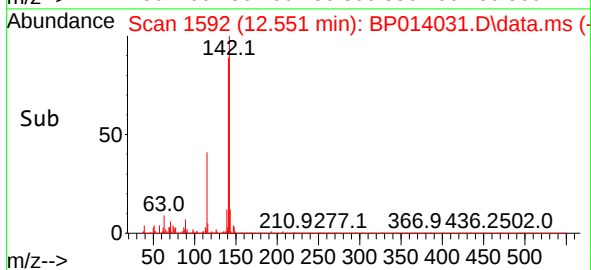
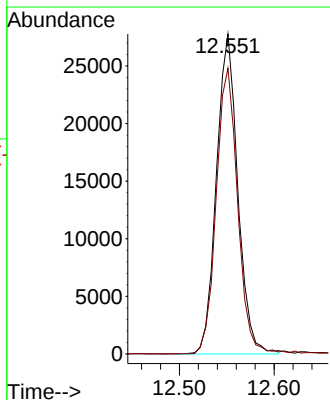
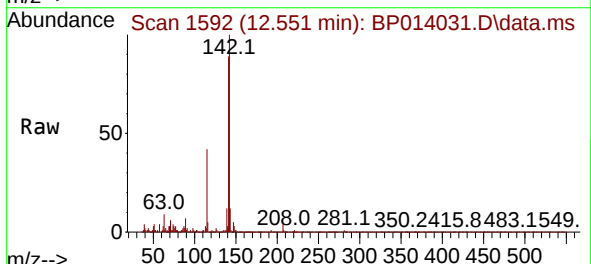
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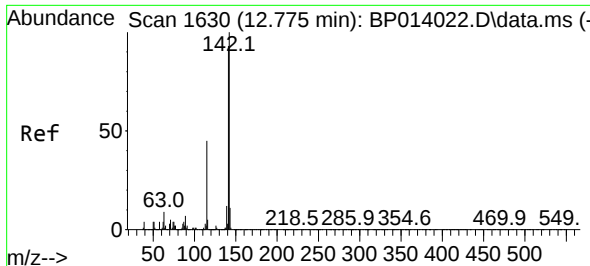
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#36
2-Methylnaphthalene
Concen: 1.824 ng/ul
RT: 12.551 min Scan# 1592
Delta R.T. -0.006 min
Lab File: BP014031.D
Acq: 10 Mar 2023 15:30

Tgt Ion:142 Resp: 43591
Ion Ratio Lower Upper
142 100
141 89.3 71.7 107.5





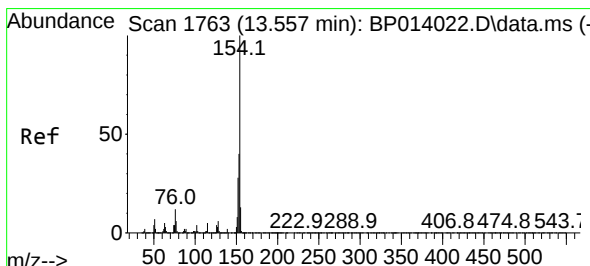
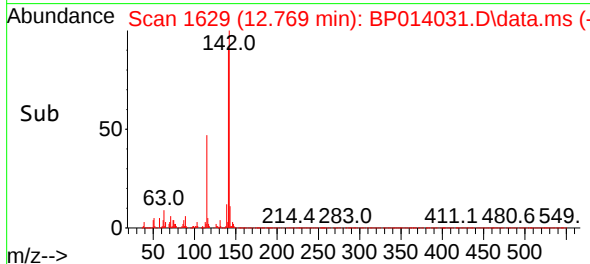
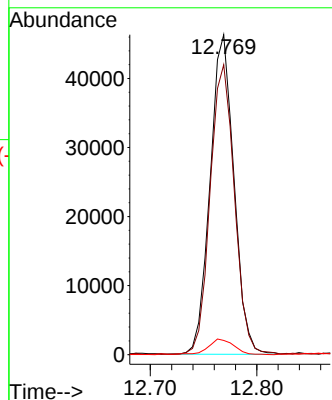
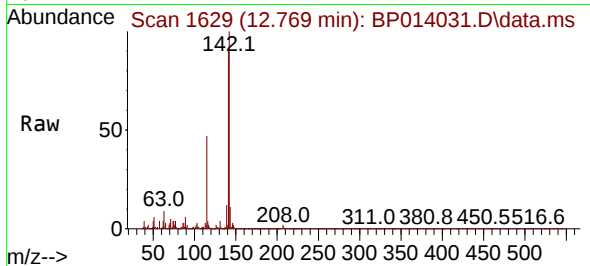
#37
1-Methylnaphthalene
Concen: 2.989 ng/ul
RT: 12.769 min Scan# 1629
Delta R.T. -0.006 min
Lab File: BP014031.D
Acq: 10 Mar 2023 15:30

Instrument :
BNA_P
ClientSampleId :
DCAD8DL

Tgt Ion:142 Resp: 7182
Ion Ratio Lower Upper
142 100
141 90.6 73.8 110.6
116 4.5 3.7 5.5

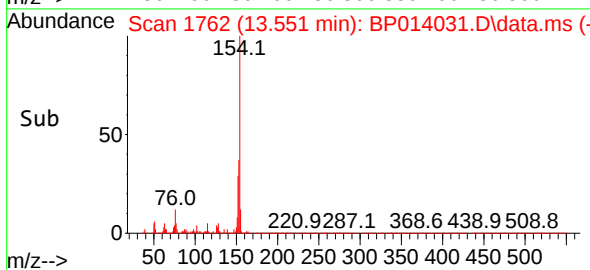
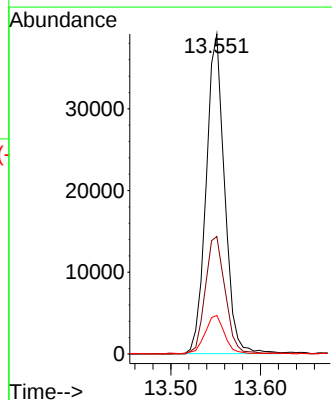
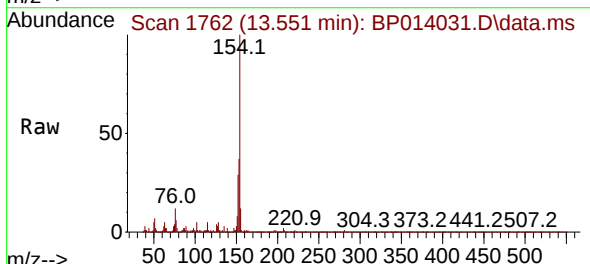
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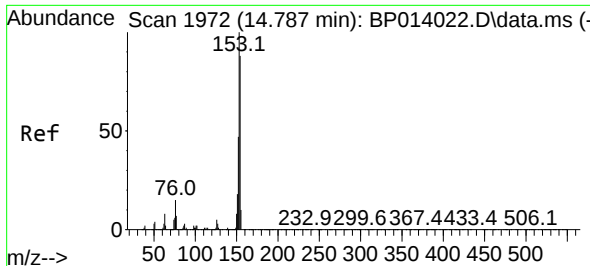
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#43
1,1'-Biphenyl
Concen: 1.641 ng/ul
RT: 13.551 min Scan# 1762
Delta R.T. -0.006 min
Lab File: BP014031.D
Acq: 10 Mar 2023 15:30

Tgt Ion:154 Resp: 55834
Ion Ratio Lower Upper
154 100
153 36.7 32.6 49.0
76 12.1 9.4 14.0





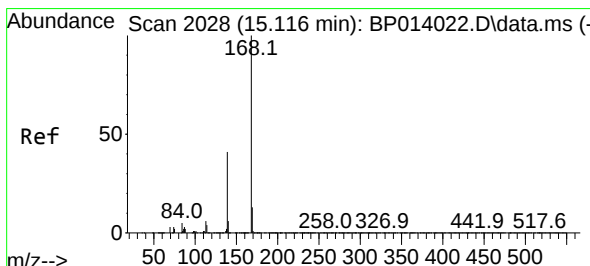
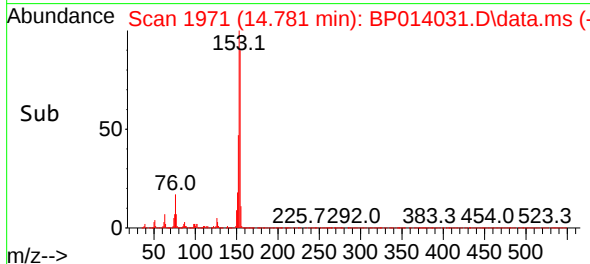
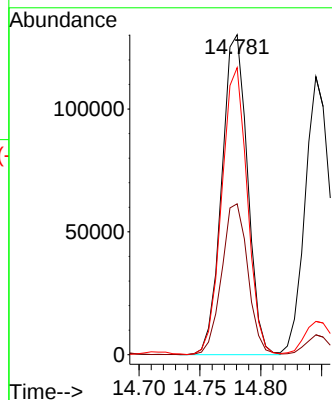
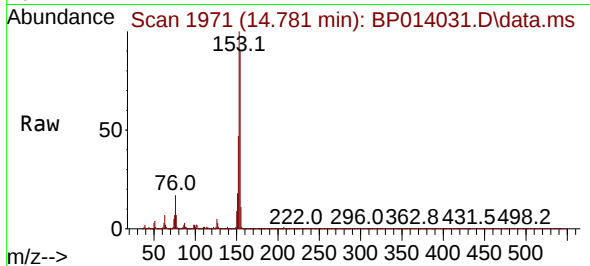
#52
Acenaphthene
Concen: 6.576 ng/ul
RT: 14.781 min Scan# 1972
Delta R.T. -0.006 min
Lab File: BP014031.D
Acq: 10 Mar 2023 15:30

Instrument :
BNA_P
ClientSampleId :
DCAD8DL

Tgt Ion:153 Resp: 191689
Ion Ratio Lower Upper
153 100
152 47.2 37.7 56.5
154 89.7 70.4 105.6

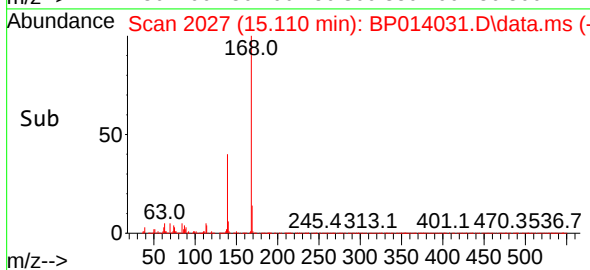
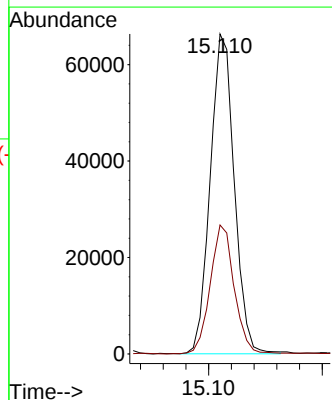
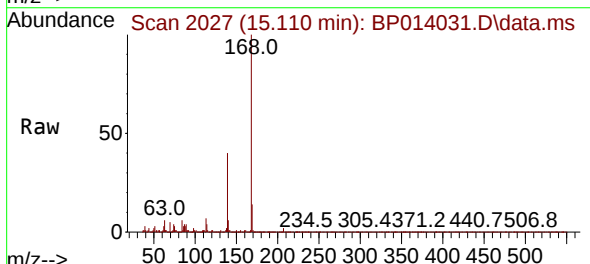
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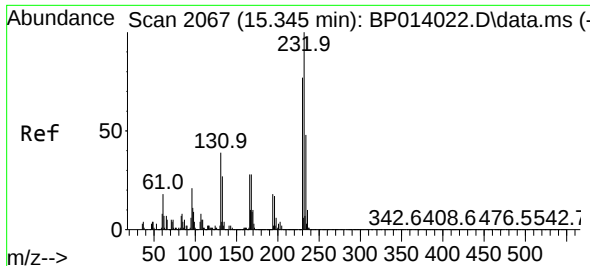
Reviewed By :Christian Giraldo 03/13/2023
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#56
Dibenzofuran
Concen: 2.297 ng/ul
RT: 15.110 min Scan# 2027
Delta R.T. -0.012 min
Lab File: BP014031.D
Acq: 10 Mar 2023 15:30

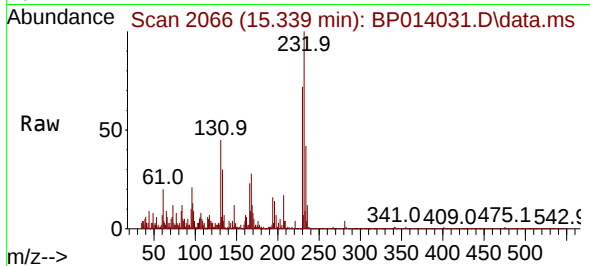
Tgt Ion:168 Resp: 97415
Ion Ratio Lower Upper
168 100
139 40.3 31.8 47.6





#58
2,3,4,6-Tetrachlorophenol
Concen: 1.245 ng/ul
RT: 15.339 min Scan# 2067
Delta R.T. -0.006 min
Lab File: BP014031.D
Acq: 10 Mar 2023 15:30

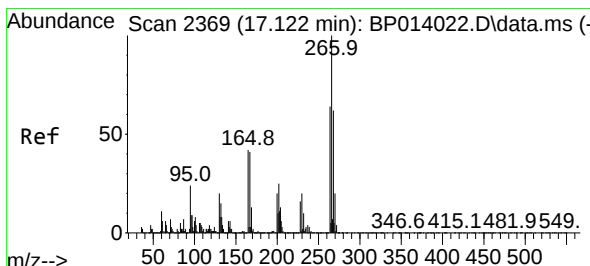
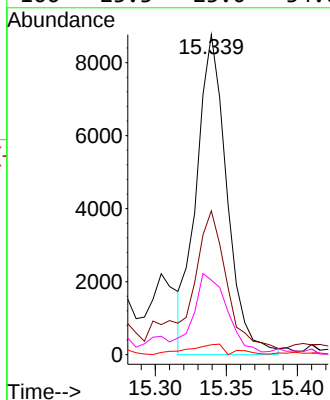
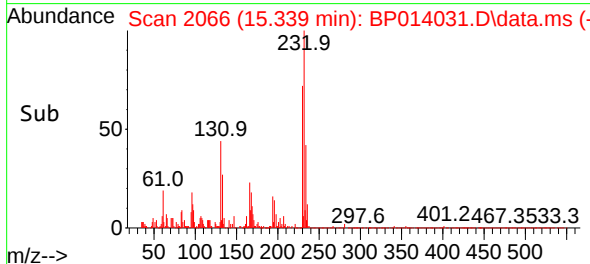
Instrument :
BNA_P
ClientSampleId :
DCAD8DL



Tgt Ion	Ratio	Lower	Upper
232	100		
131	45.0	34.1	51.1
130	3.1	2.1	3.1
166	23.3	23.0	34.6

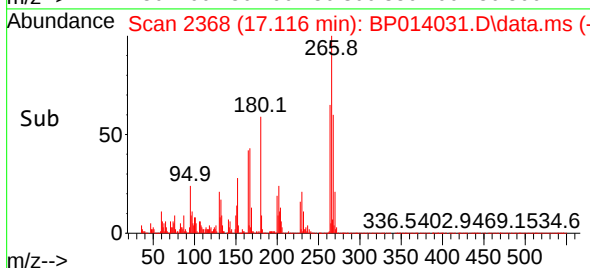
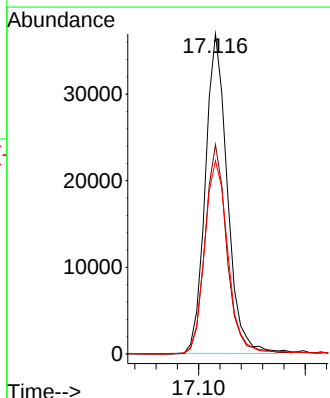
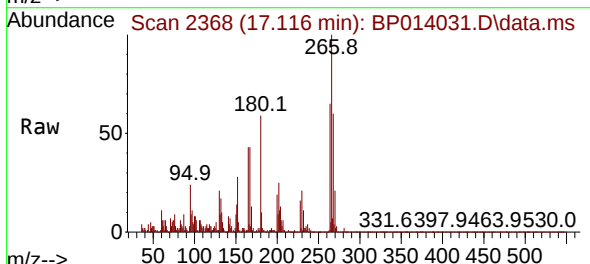
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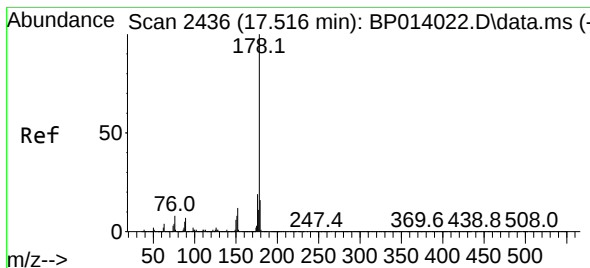
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#71
Pentachlorophenol
Concen: 5.291 ng/ul
RT: 17.116 min Scan# 2368
Delta R.T. -0.006 min
Lab File: BP014031.D
Acq: 10 Mar 2023 15:30

Tgt Ion	Ratio	Lower	Upper
266	100		
264	65.4	48.4	72.6
268	60.4	50.4	75.6





#72

Phenanthrene

Concen: 1.789 ng/ul

RT: 17.510 min Scan# 2436

Delta R.T. -0.012 min

Lab File: BP014031.D

Acq: 10 Mar 2023 15:30

Instrument :

BNA_P

ClientSampleId :

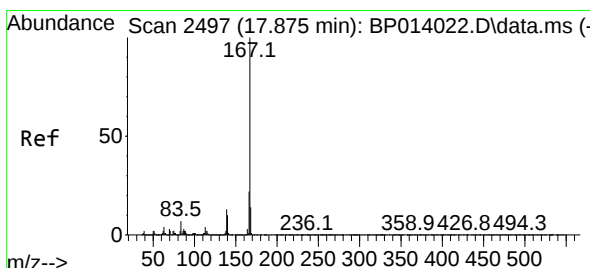
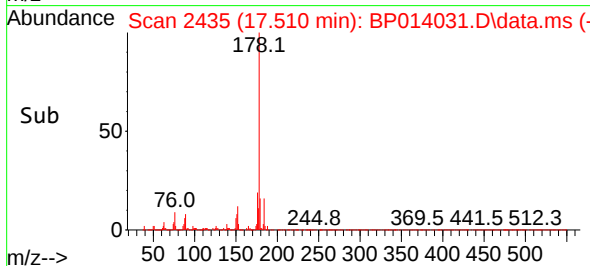
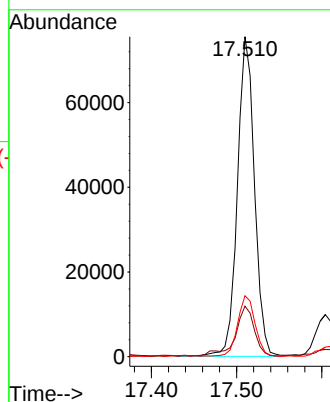
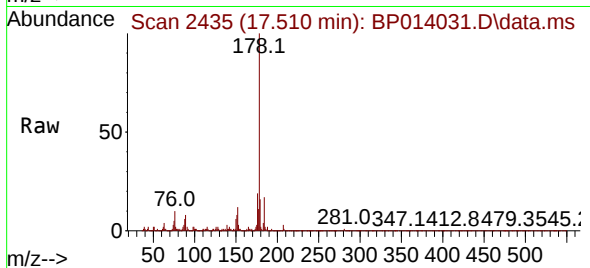
DCAD8DL

Tgt Ion:178 Resp: 104849
 Ion Ratio Lower Upper
 178 100
 179 15.8 12.2 18.4
 176 19.1 15.4 23.0

Manual Integrations

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#77

Carbazole

Concen: 5.197 ng/ul

RT: 17.869 min Scan# 2496

Delta R.T. -0.006 min

Lab File: BP014031.D

Acq: 10 Mar 2023 15:30

Tgt Ion:167 Resp: 272335
 Ion Ratio Lower Upper
 167 100
 166 20.6 17.5 26.3
 139 12.9 10.5 15.7

