

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042023\
 Data File : BP014794.D
 Acq On : 21 Apr 2023 17:29
 Operator : CG/JU
 Sample : 02296-22DL 10X
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCBN4DL

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/24/2023
 Supervised By : Jagrut Upadhyay 04/24/2023

Quant Time: Apr 21 23:23:31 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 20 02:32:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.152	152	313654	20.000	ng/u1	0.00
20) Naphthalene-d8	10.993	136	1618617m	20.000	ng/u1	0.01
38) Acenaphthene-d10	14.781	164	822439	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.528	188	1785987	20.000	ng/u1	0.00
79) Chrysene-d12	21.598	240	1335322	20.000	ng/u1	0.00
88) Perylene-d12	24.169	264	1137059	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.487	96	2274	0.288	ng/uL	0.00
4) Pyridine-d5	3.952	84	10918m	0.508	ng/u1	0.04
7) Phenol-d5	7.287	99	23059	0.850	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.464	67	66812	3.993	ng/u1	0.00
11) 2-Chlorophenol-d4	7.675	132	56325	2.797	ng/u1	0.00
15) 4-Methylphenol-d8	8.846	113	42802	2.025	ng/u1	0.00
21) Nitrobenzene-d5	9.322	128	36598	3.608	ng/u1	0.00
24) 2-Nitrophenol-d4	10.052	143	26473	2.890	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.593	165	67417	2.710	ng/u1	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/u1	
46) Dimethylphthalate-d6	14.175	166	276600	4.247	ng/u1	0.00
49) Acenaphthylene-d8	14.475	160	284867	3.775	ng/u1	0.00
54) 4-Nitrophenol-d4	14.940	143	5055	0.488	ng/u1	-0.01
60) Fluorene-d10	15.769	176	231220	4.138	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.628	188	360940	4.183	ng/u1	0.00
81) Pyrene-d10	19.839	212	388816	5.083	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.998	264	227017	3.852	ng/u1	-0.02
Target Compounds						
					Qvalue	
30) Naphthalene	11.046	128	34685072m	382.356	ng/u1	
36) 2-Methylnaphthalene	12.628	142	7191232	118.746	ng/u1	100
37) 1-Methylnaphthalene	12.846	142	3692515	61.503	ng/u1	100
43) 1,1'-Biphenyl	13.616	154	1148587	17.223	ng/u1	99
52) Acenaphthene	14.846	153	2195848	39.374	ng/u1	99
56) Dibenzofuran	15.175	168	2872443	36.596	ng/u1	98
61) Fluorene	15.822	166	1386569	21.641	ng/u1	99
72) Phenanthrene	17.569	178	1596218	15.858	ng/u1	100
77) Carbazole	17.922	167	1763874	19.690	ng/u1	99

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

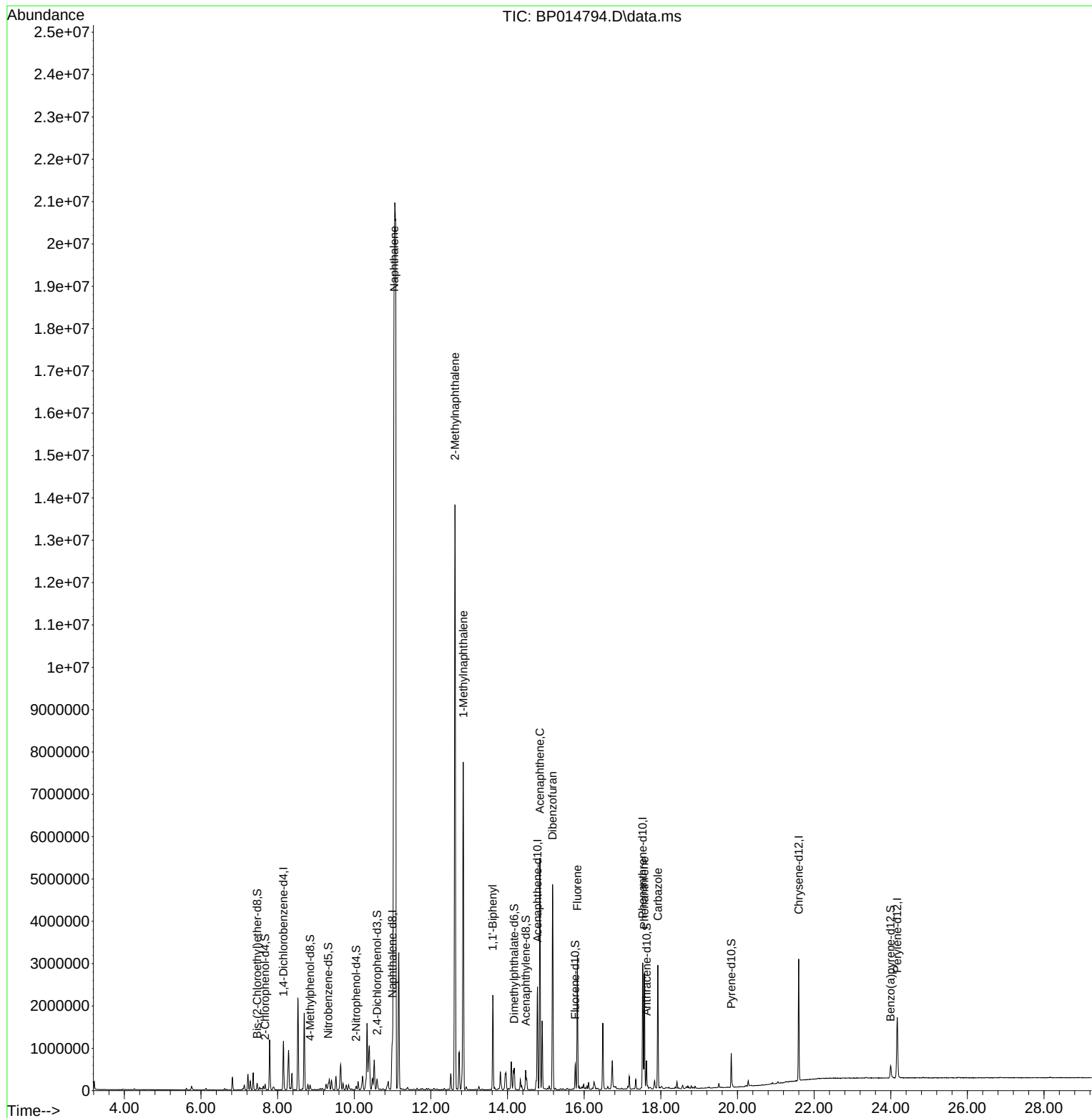
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042023\
Data File : BP014794.D
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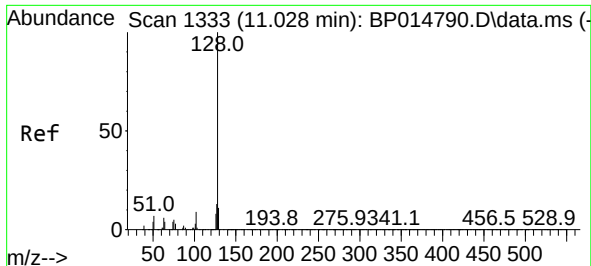
Instrument :
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ClientSampleId :
DCBN4DL

Quant Time: Apr 21 23:23:31 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 20 02:32:50 2023
Response via : Initial Calibration

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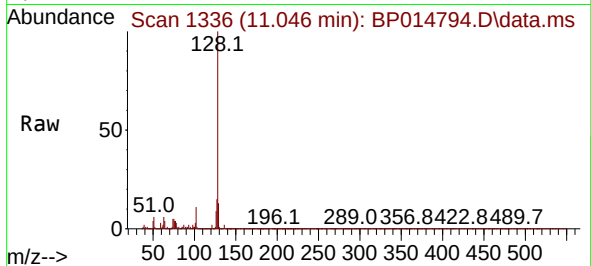
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023





#30
Naphthalene
Concen: 382.356 ng/ul m
RT: 11.046 min Scan# 1336
Delta R.T. 0.012 min
Lab File: BP014794.D
Acq: 21 Apr 2023 17:29

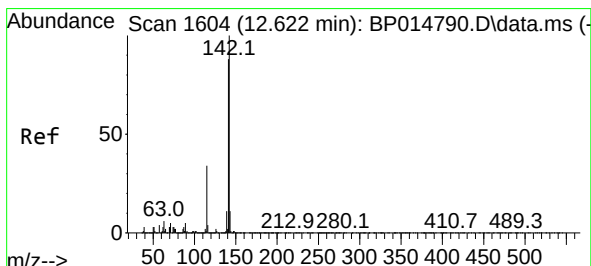
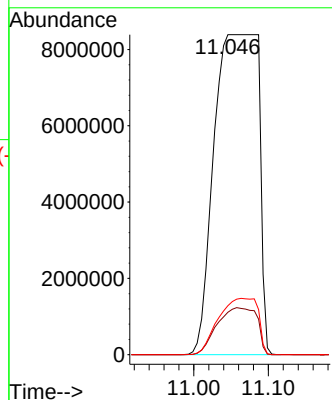
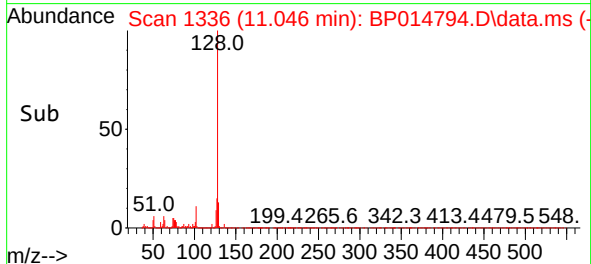
Instrument :
BNA_P
ClientSampleId :
DCBN4DL



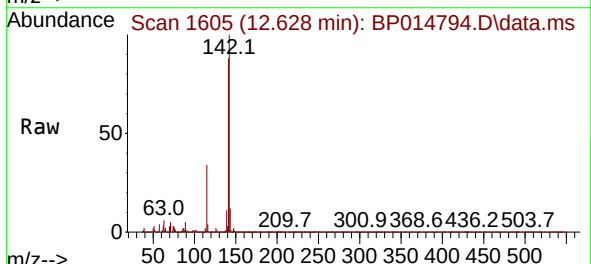
Tgt Ion:128 Resp:3468507
Ion Ratio Lower Upper
128 100
129 13.3 8.9 13.3
127 15.3 10.4 15.6

Manual Integrations
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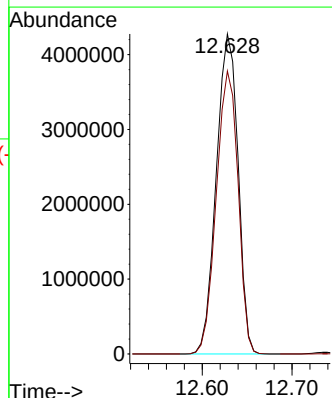
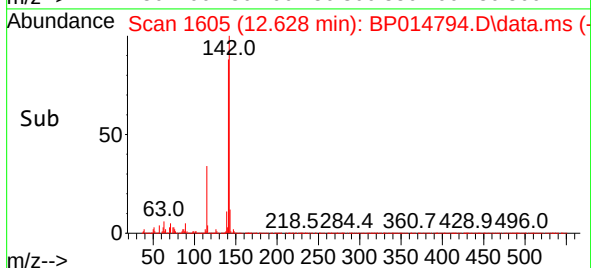
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023

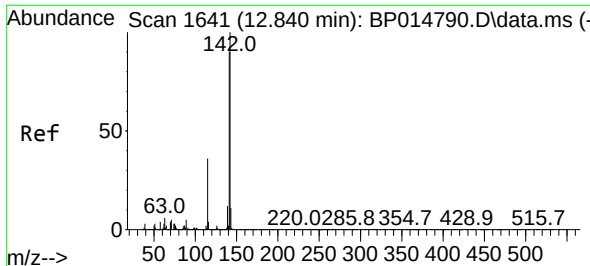


#36
2-Methylnaphthalene
Concen: 118.746 ng/ul
RT: 12.628 min Scan# 1605
Delta R.T. 0.000 min
Lab File: BP014794.D
Acq: 21 Apr 2023 17:29



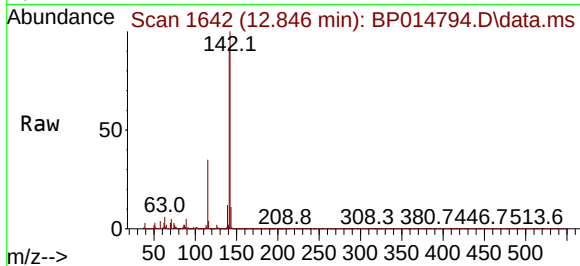
Tgt Ion:142 Resp: 7191232
Ion Ratio Lower Upper
142 100
141 88.4 70.9 106.3





#37
1-Methylnaphthalene
Concen: 61.503 ng/ul
RT: 12.846 min Scan# 1641
Delta R.T. 0.006 min
Lab File: BP014794.D
Acq: 21 Apr 2023 17:29

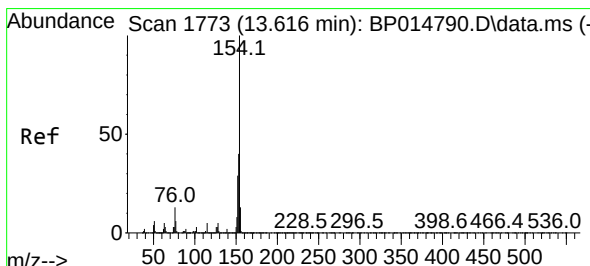
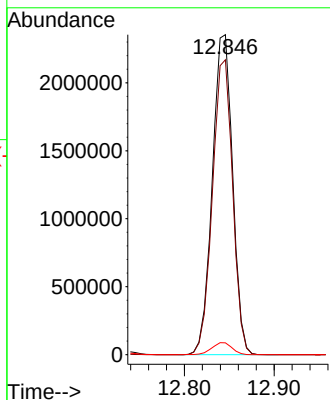
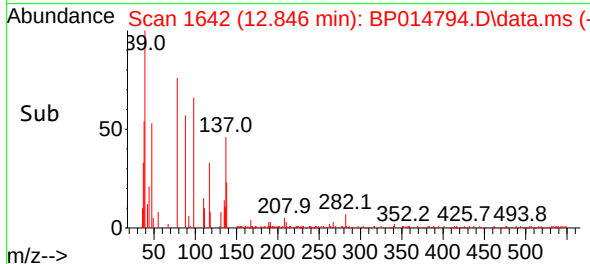
Instrument :
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ClientSampleId :
DCBN4DL



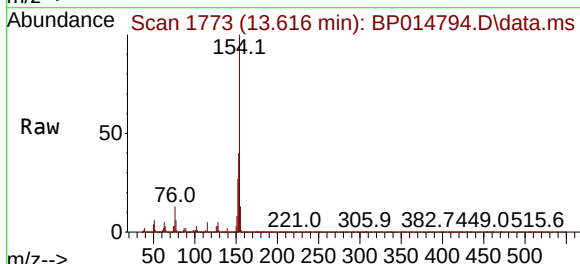
Tgt Ion:142 Resp: 369251
Ion Ratio Lower Upper
142 100
141 92.2 73.8 110.6
116 3.7 3.3 4.9

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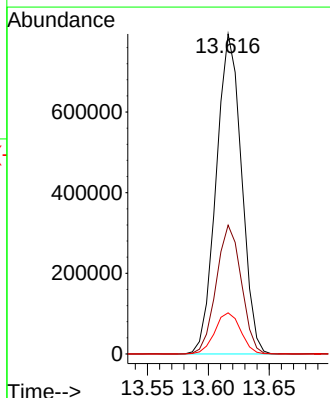
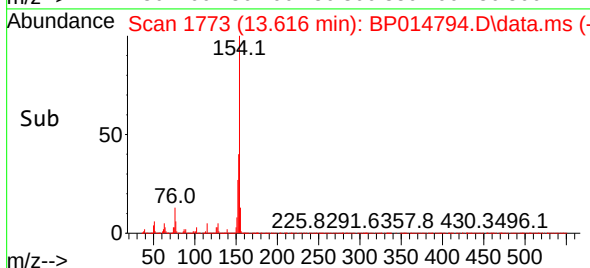
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023

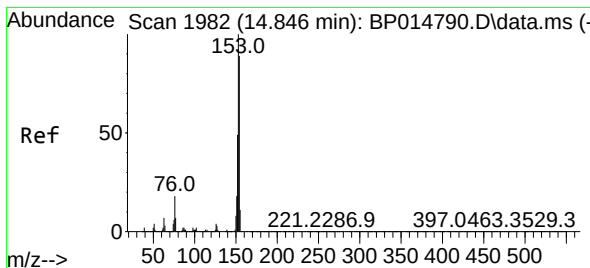


#43
1,1'-Biphenyl
Concen: 17.223 ng/ul
RT: 13.616 min Scan# 1773
Delta R.T. -0.006 min
Lab File: BP014794.D
Acq: 21 Apr 2023 17:29



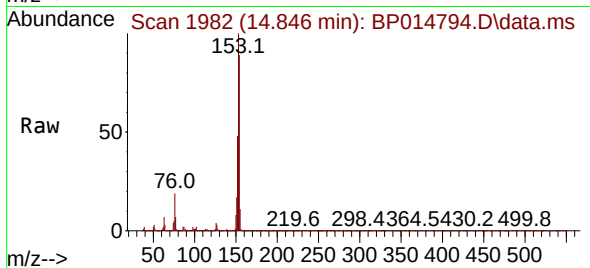
Tgt Ion:154 Resp: 1148587
Ion Ratio Lower Upper
154 100
153 40.3 31.9 47.9
76 12.9 10.8 16.2





#52
Acenaphthene
Concen: 39.374 ng/ul
RT: 14.846 min Scan# 1982
Delta R.T. 0.000 min
Lab File: BP014794.D
Acq: 21 Apr 2023 17:29

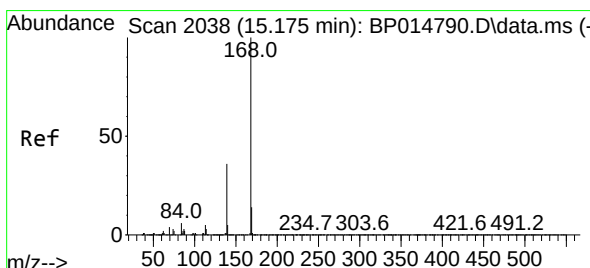
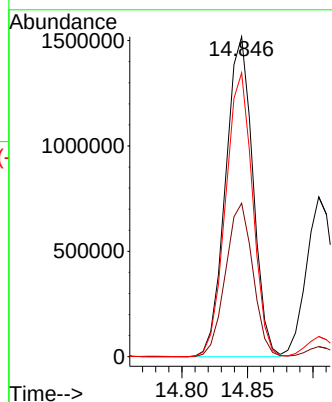
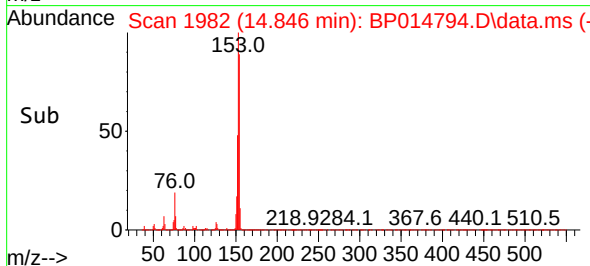
Instrument :
BNA_P
ClientSampleId :
DCBN4DL



Tgt Ion:153 Resp: 219584
Ion Ratio Lower Upper
153 100
152 48.0 38.4 57.6
154 88.7 69.8 104.8

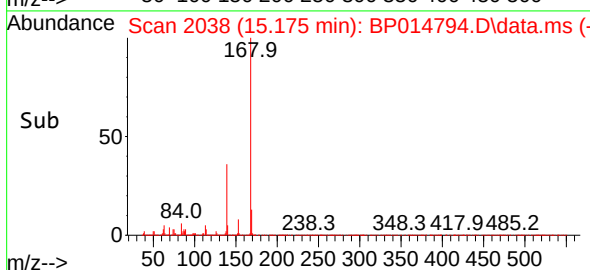
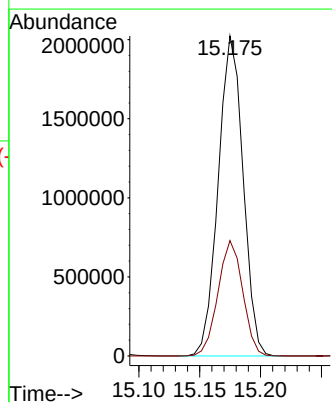
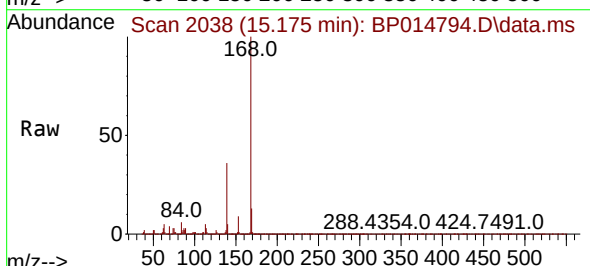
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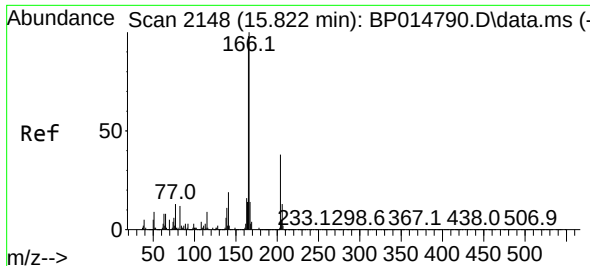
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023



#56
Dibenzofuran
Concen: 36.596 ng/ul
RT: 15.175 min Scan# 2038
Delta R.T. -0.006 min
Lab File: BP014794.D
Acq: 21 Apr 2023 17:29

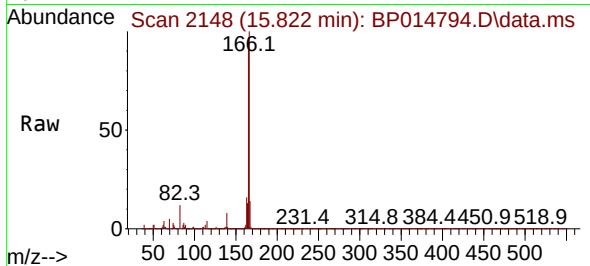
Tgt Ion:168 Resp: 2872443
Ion Ratio Lower Upper
168 100
139 36.0 29.8 44.8





#61
Fluorene
Concen: 21.641 ng/ul
RT: 15.822 min Scan# 2148
Delta R.T. -0.006 min
Lab File: BP014794.D
Acq: 21 Apr 2023 17:29

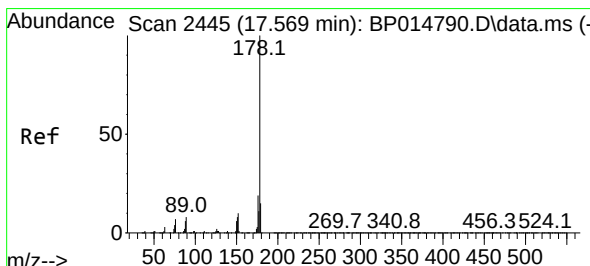
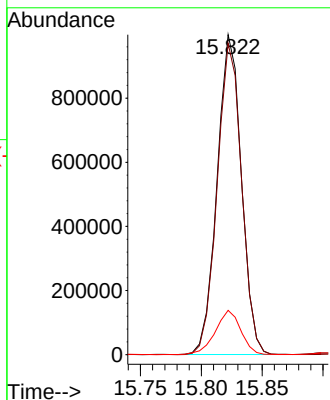
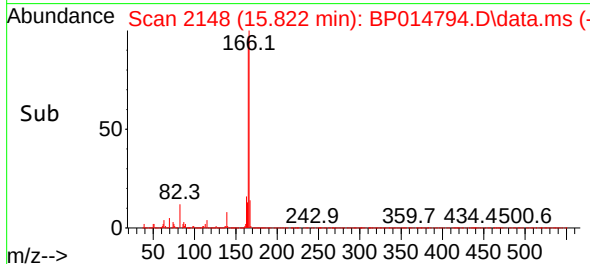
Instrument :
BNA_P
ClientSampleId :
DCBN4DL



Tgt Ion:166 Resp: 1386569
Ion Ratio Lower Upper
166 100
165 97.2 78.6 117.8
167 13.9 10.5 15.7

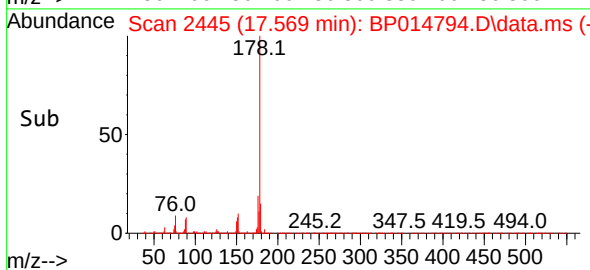
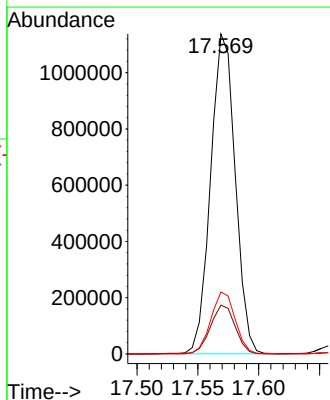
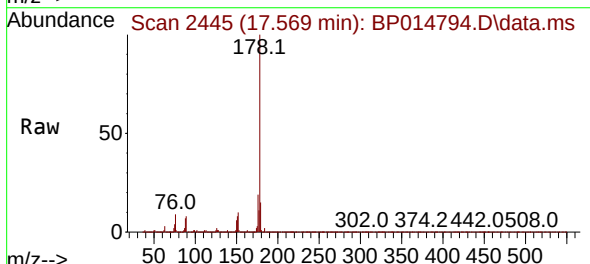
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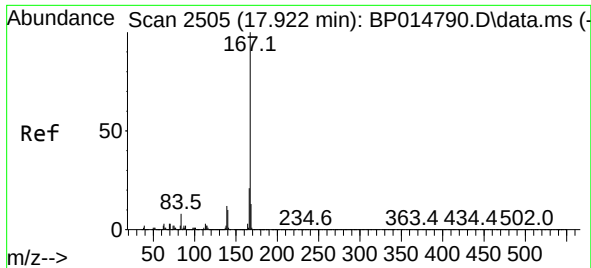
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023



#72
Phenanthrene
Concen: 15.858 ng/ul
RT: 17.569 min Scan# 2445
Delta R.T. -0.006 min
Lab File: BP014794.D
Acq: 21 Apr 2023 17:29

Tgt Ion:178 Resp: 1596218
Ion Ratio Lower Upper
178 100
179 15.2 12.1 18.1
176 19.4 15.3 22.9





#77

Carbazole

Concen: 19.690 ng/ul

RT: 17.922 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP014794.D

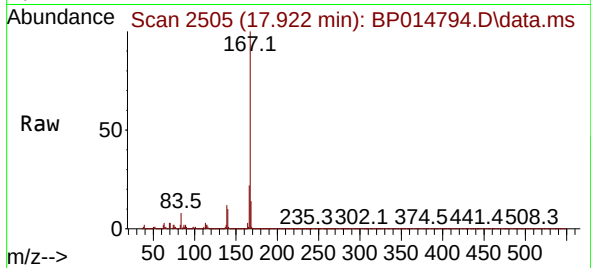
Acq: 21 Apr 2023 17:29

Instrument :

BNA_P

ClientSampleId :

DCBN4DL



Tgt Ion:167 Resp: 1763874

Ion Ratio Lower Upper

167 100

166 21.7 17.0 25.4

139 12.5 10.2 15.2

Manual Integrations

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