

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042023\
 Data File : BP014793.D
 Acq On : 21 Apr 2023 16:55
 Operator : CG/JU
 Sample : 02296-21DL 10X
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCBN2DL

Manual Integrations
 APPROVED

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

Quant Time: Apr 21 23:23:16 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	275829	20.000	ng/u1	0.00
20) Naphthalene-d8	10.987	136	1269658m	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.781	164	667786	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.528	188	1343255	20.000	ng/u1	0.00
79) Chrysene-d12	21.598	240	996280	20.000	ng/u1	0.00
88) Perylene-d12	24.168	264	1067979	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.487	96	1949	0.281	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.287	99	17107	0.717	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.463	67	59544	4.047	ng/u1	0.00
11) 2-Chlorophenol-d4	7.675	132	48142	2.718	ng/u1	0.00
15) 4-Methylphenol-d8	8.846	113	33173	1.784	ng/u1	0.00
21) Nitrobenzene-d5	9.322	128	30756	3.866	ng/u1	0.00
24) 2-Nitrophenol-d4	10.046	143	22104	3.076	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.593	165	52539	2.693	ng/u1	0.00
31) 4-Chloroaniline-d4	11.116	131	37346	1.254	ng/u1	0.00
46) Dimethylphthalate-d6	14.175	166	214300	4.053	ng/u1	0.00
49) Acenaphthylene-d8	14.475	160	223334	3.645	ng/u1	0.00
54) 4-Nitrophenol-d4	14.939	143	3268	0.389	ng/u1	-0.01
60) Fluorene-d10	15.769	176	180600	3.981	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.628	188	269874	4.159	ng/u1	0.00
81) Pyrene-d10	19.839	212	267366	4.685	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.998	264	206210	3.725	ng/u1	-0.02
Target Compounds						
					Qvalue	
30) Naphthalene	11.040	128	31824864m	447.248	ng/u1	
36) 2-Methylnaphthalene	12.628	142	5459628	114.931	ng/u1	100
37) 1-Methylnaphthalene	12.840	142	2699999	57.332	ng/u1	100
43) 1,1'-Biphenyl	13.616	154	899879	16.618	ng/u1	98
52) Acenaphthene	14.845	153	2749976	60.730	ng/u1	99
56) Dibenzofuran	15.175	168	2271016	35.634	ng/u1	98
61) Fluorene	15.822	166	838258	16.113	ng/u1	99
72) Phenanthrene	17.569	178	1074979	14.200	ng/u1	100
77) Carbazole	17.922	167	2088327	30.995	ng/u1	100

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

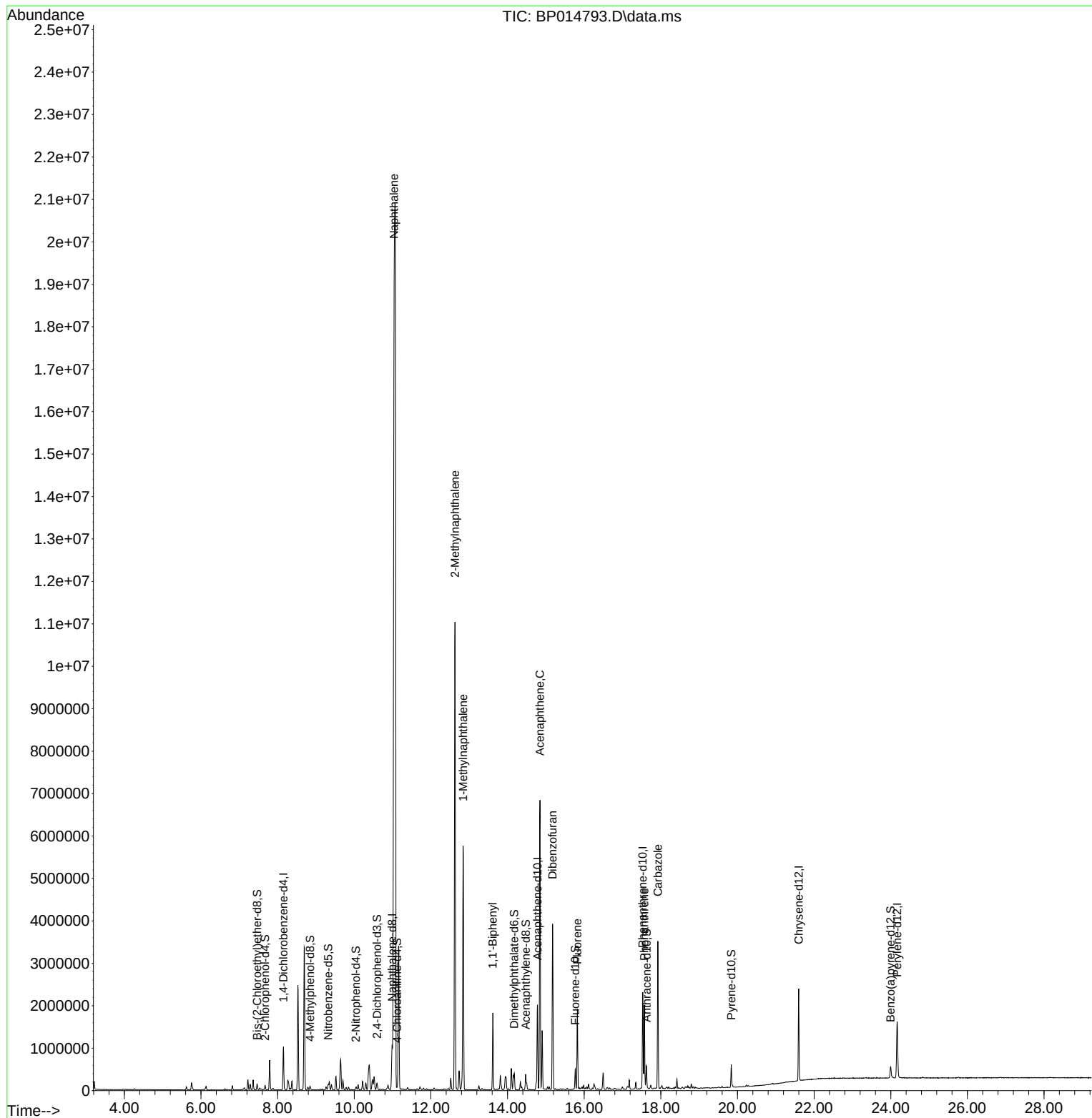
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042023\
Data File : BP014793.D
Acq On : 21 Apr 2023 16:55
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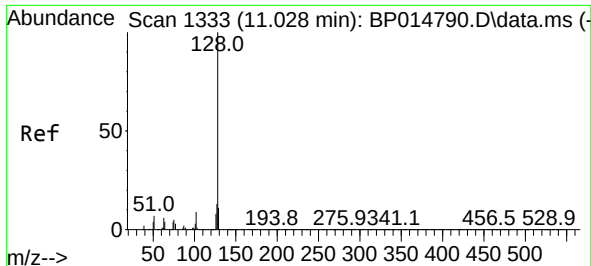
Instrument :
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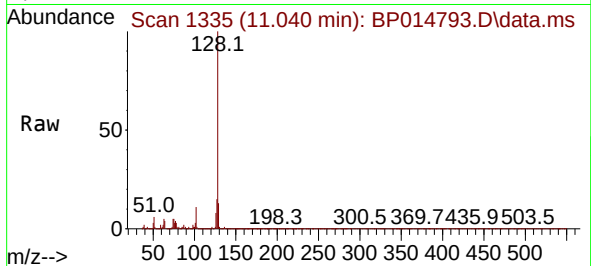
Quant Time: Apr 21 23:23:16 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 20 02:32:50 2023
Response via : Initial Calibration





#30
Naphthalene
Concen: 447.248 ng/ul m
RT: 11.040 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP014793.D
Acq: 21 Apr 2023 16:55

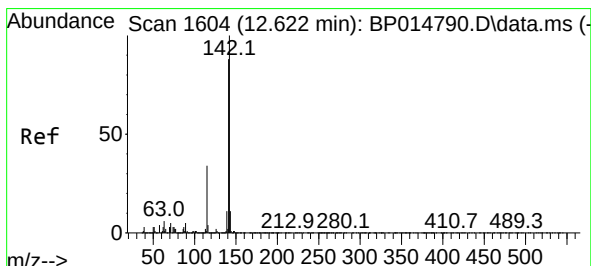
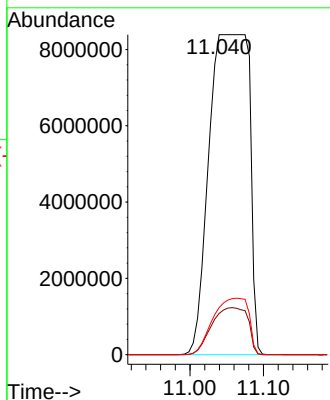
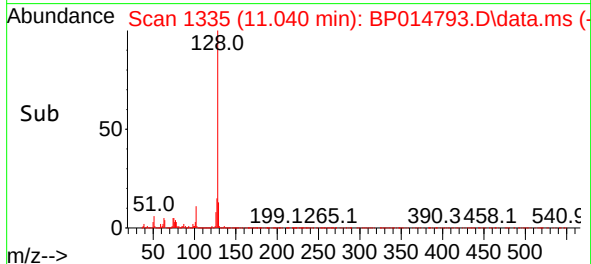
Instrument :
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ClientSampleId :
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Tgt Ion:128 Resp:3182486
Ion Ratio Lower Upper
128 100
129 12.9 8.9 13.3
127 14.7 10.4 15.6

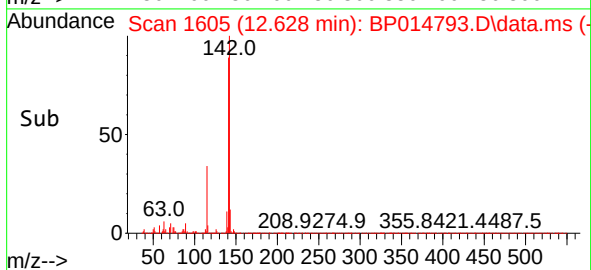
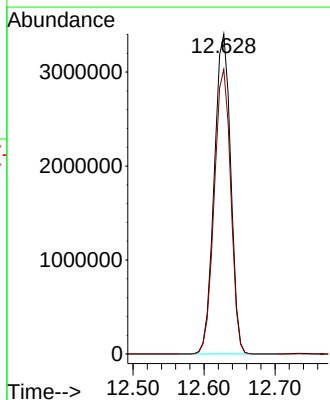
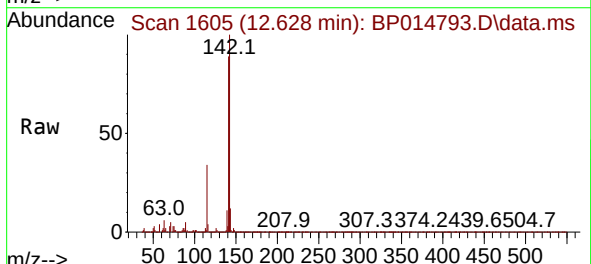
Manual Integrations
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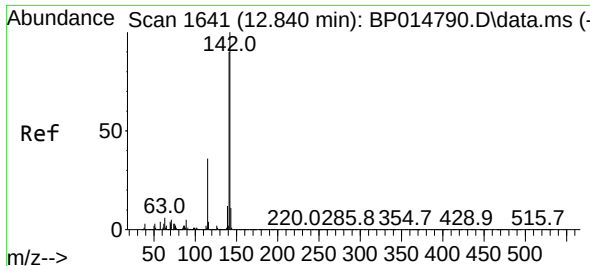
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023



#36
2-Methylnaphthalene
Concen: 114.931 ng/ul
RT: 12.628 min Scan# 1605
Delta R.T. -0.000 min
Lab File: BP014793.D
Acq: 21 Apr 2023 16:55

Tgt Ion:142 Resp: 5459628
Ion Ratio Lower Upper
142 100
141 88.9 70.9 106.3





#37

1-Methylnaphthalene

Concen: 57.332 ng/ul

RT: 12.840 min Scan# 1641

Delta R.T. -0.000 min

Lab File: BP014793.D

Acq: 21 Apr 2023 16:55

Instrument :

BNA_P

ClientSampleId :

DCBN2DL

Tgt Ion:142 Resp: 2699999

Ion Ratio Lower Upper

142 100

141 92.0 73.8 110.6

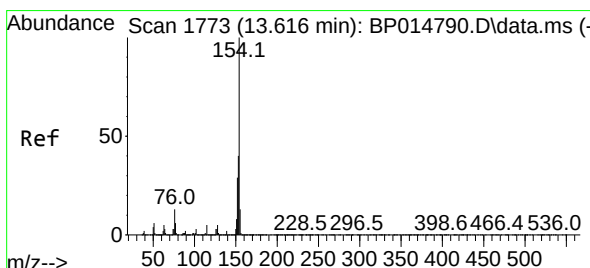
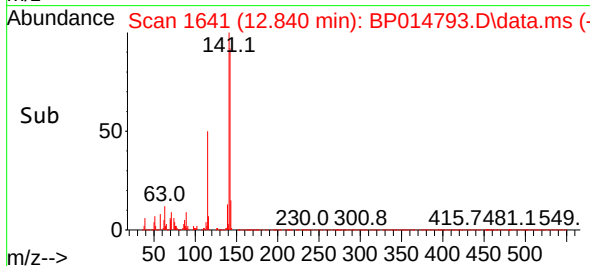
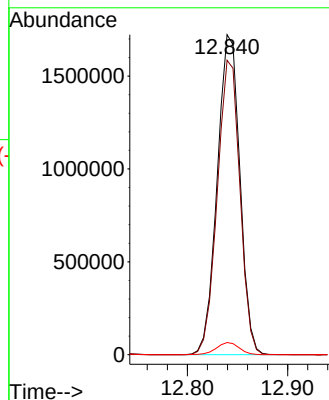
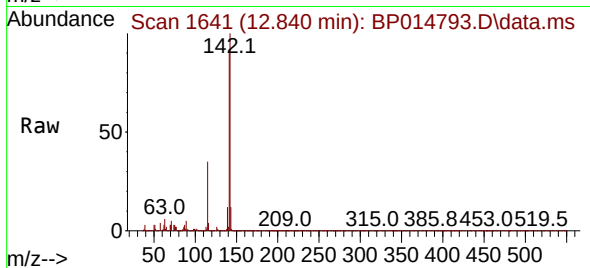
116 3.8 3.3 4.9

Manual Integrations

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#43

1,1'-Biphenyl

Concen: 16.618 ng/ul

RT: 13.616 min Scan# 1773

Delta R.T. -0.006 min

Lab File: BP014793.D

Acq: 21 Apr 2023 16:55

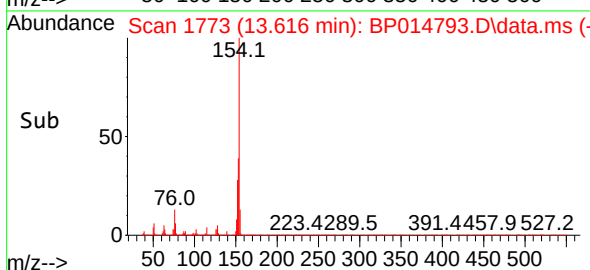
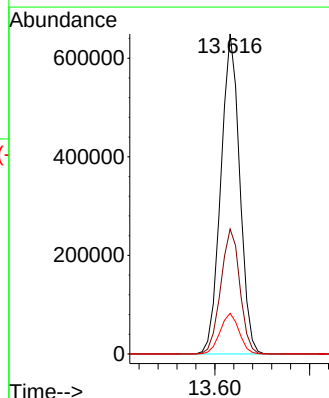
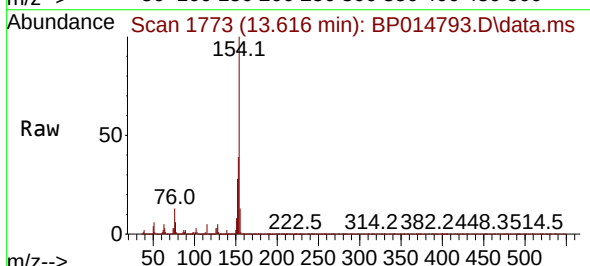
Tgt Ion:154 Resp: 899879

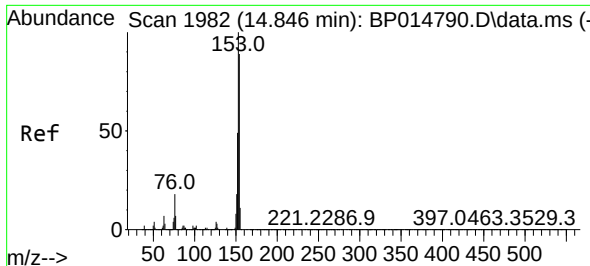
Ion Ratio Lower Upper

154 100

153 39.0 31.9 47.9

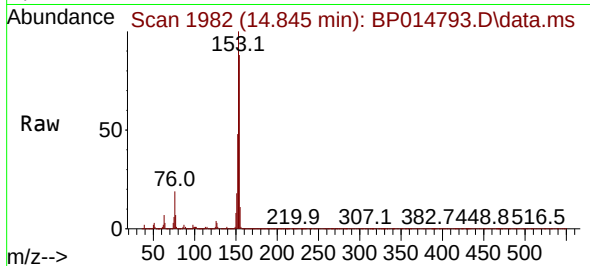
76 12.7 10.8 16.2





#52
Acenaphthene
Concen: 60.730 ng/ul
RT: 14.845 min Scan# 1982
Delta R.T. -0.000 min
Lab File: BP014793.D
Acq: 21 Apr 2023 16:55

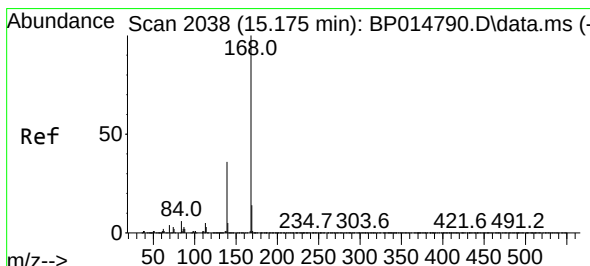
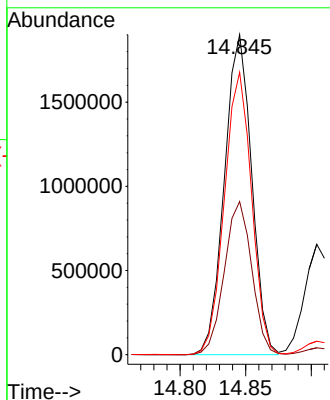
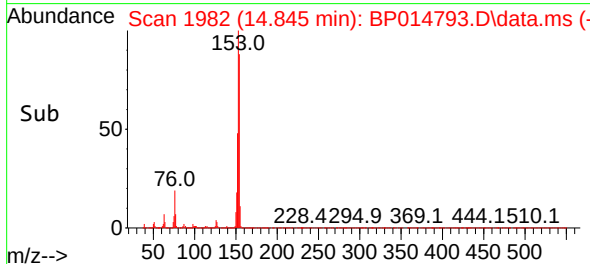
Instrument :
BNA_P
ClientSampleId :
DCBN2DL



Tgt Ion:153 Resp: 2749970
Ion Ratio Lower Upper
153 100
152 47.8 38.4 57.6
154 88.3 69.8 104.8

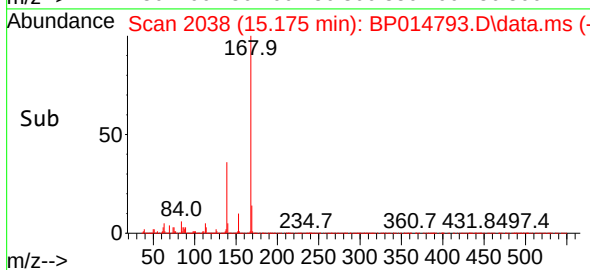
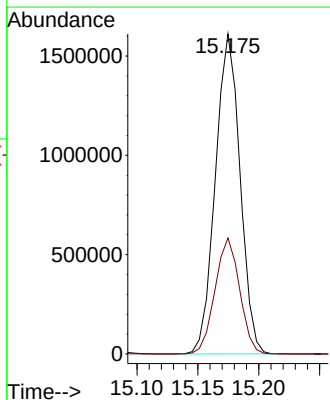
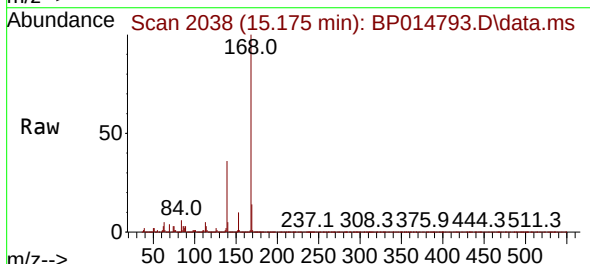
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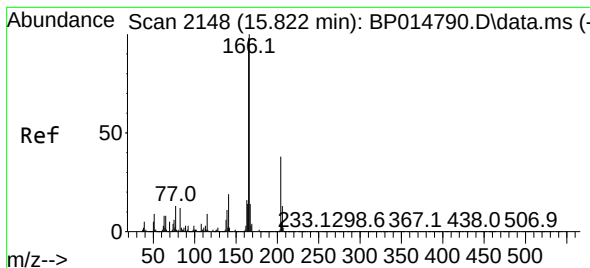
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023



#56
Dibenzofuran
Concen: 35.634 ng/ul
RT: 15.175 min Scan# 2038
Delta R.T. -0.006 min
Lab File: BP014793.D
Acq: 21 Apr 2023 16:55

Tgt Ion:168 Resp: 2271016
Ion Ratio Lower Upper
168 100
139 36.3 29.8 44.8





#61

Fluorene

Concen: 16.113 ng/ul

RT: 15.822 min Scan# 2148

Delta R.T. -0.006 min

Lab File: BP014793.D

Acq: 21 Apr 2023 16:55

Instrument :

BNA_P

ClientSampleId :

DCBN2DL

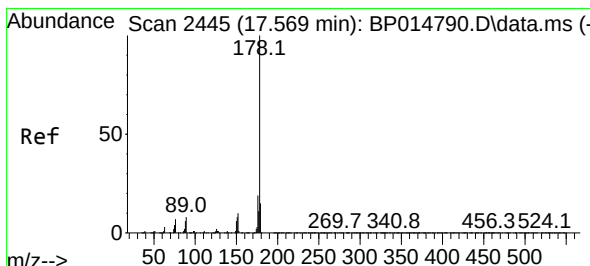
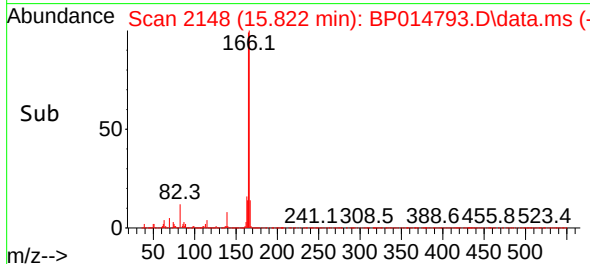
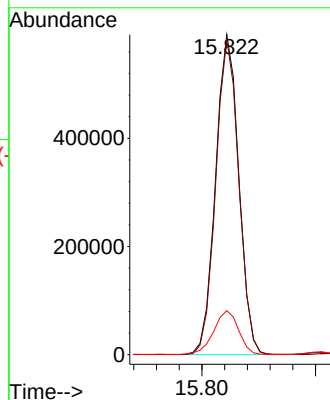
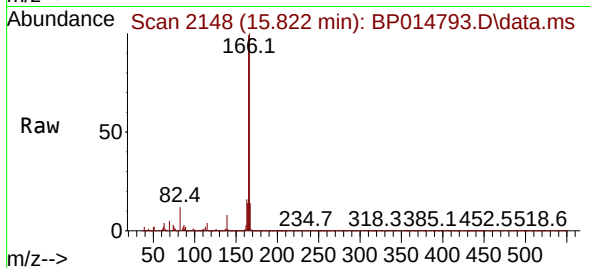
Tgt Ion:166	Resp: 838258
Ion Ratio	Lower Upper
166 100	
165 98.6	78.6 117.8
167 13.7	10.5 15.7

Manual Integrations

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#72

Phenanthrene

Concen: 14.200 ng/ul

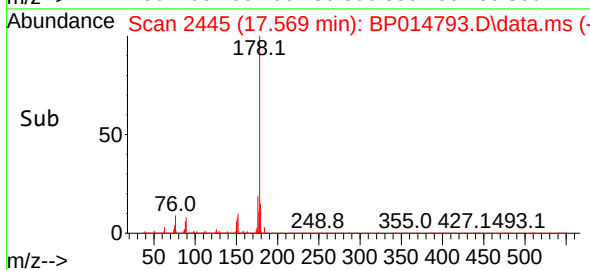
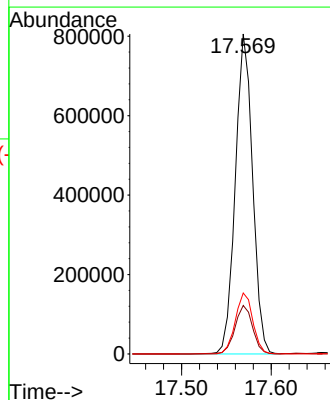
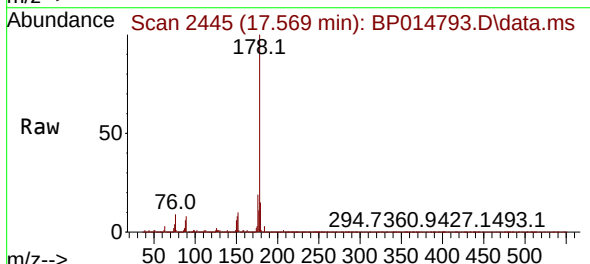
RT: 17.569 min Scan# 2445

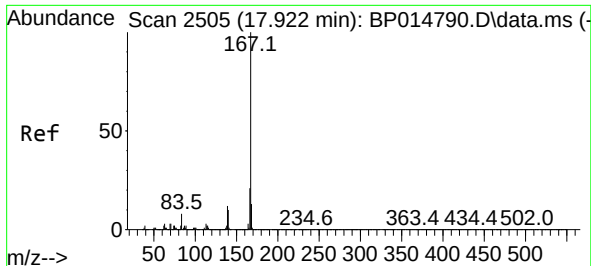
Delta R.T. -0.006 min

Lab File: BP014793.D

Acq: 21 Apr 2023 16:55

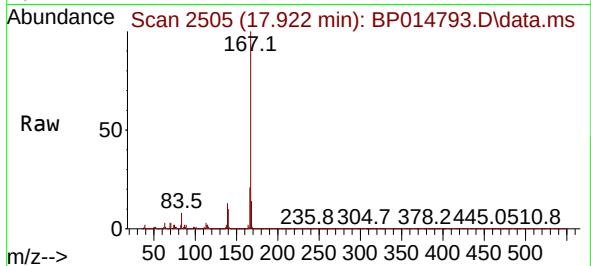
Tgt Ion:178	Resp: 1074979
Ion Ratio	Lower Upper
178 100	
179 15.2	12.1 18.1
176 19.1	15.3 22.9





#77
 Carbazole
 Concen: 30.995 ng/ul
 RT: 17.922 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP014793.D
 Acq: 21 Apr 2023 16:55

Instrument :
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Tgt Ion:167 Resp: 208832
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.0 25.4
 139 13.0 10.2 15.2

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