

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042023\
 Data File : BP014803.D
 Acq On : 21 Apr 2023 22:30
 Operator : CG/JU
 Sample : 02296-19DL2 50X
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCBM8DL2

Quant Time: Apr 21 23:56:55 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.152	152	379839	20.000	ng/u1	0.00
20) Naphthalene-d8	10.981	136	1605176	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.781	164	1028980	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.533	188	2154549	20.000	ng/u1	0.00
79) Chrysene-d12	21.598	240	1434326	20.000	ng/u1	0.00
88) Perylene-d12	24.174	264	1441106	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	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.287	99	4501	0.137	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.469	67	14281	0.705	ng/u1	0.00
11) 2-Chlorophenol-d4	7.675	132	10688	0.438	ng/u1	0.00
15) 4-Methylphenol-d8	8.851	113	7652	0.299	ng/u1	0.00
21) Nitrobenzene-d5	9.322	128	5845	0.581	ng/u1	0.00
24) 2-Nitrophenol-d4	10.046	143	4926	0.542	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.587	165	11680	0.474	ng/u1	0.00
31) 4-Chloroaniline-d4	11.110	131	6376	0.169	ng/u1	0.00
46) Dimethylphthalate-d6	14.181	166	54507	0.669	ng/u1	0.00
49) Acenaphthylene-d8	14.475	160	50288	0.533	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.769	176	46133	0.660	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.628	188	72018m	0.692	ng/u1	0.00
81) Pyrene-d10	19.839	212	64985	0.791	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.004	264	40624	0.544	ng/u1	-0.01
Target Compounds					Qvalue	
30) Naphthalene	11.034	128	4753959	52.845	ng/u1	100
36) 2-Methylnaphthalene	12.622	142	296347	4.934	ng/u1	99
37) 1-Methylnaphthalene	12.840	142	201580	3.386	ng/u1	100
52) Acenaphthene	14.845	153	253995	3.640	ng/u1	99
56) Dibenzofuran	15.175	168	248284	2.528	ng/u1	99
61) Fluorene	15.822	166	82681	1.031	ng/u1	99
72) Phenanthrene	17.575	178	177474	1.462	ng/u1	99
77) Carbazole	17.922	167	109817	1.016	ng/u1	99

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

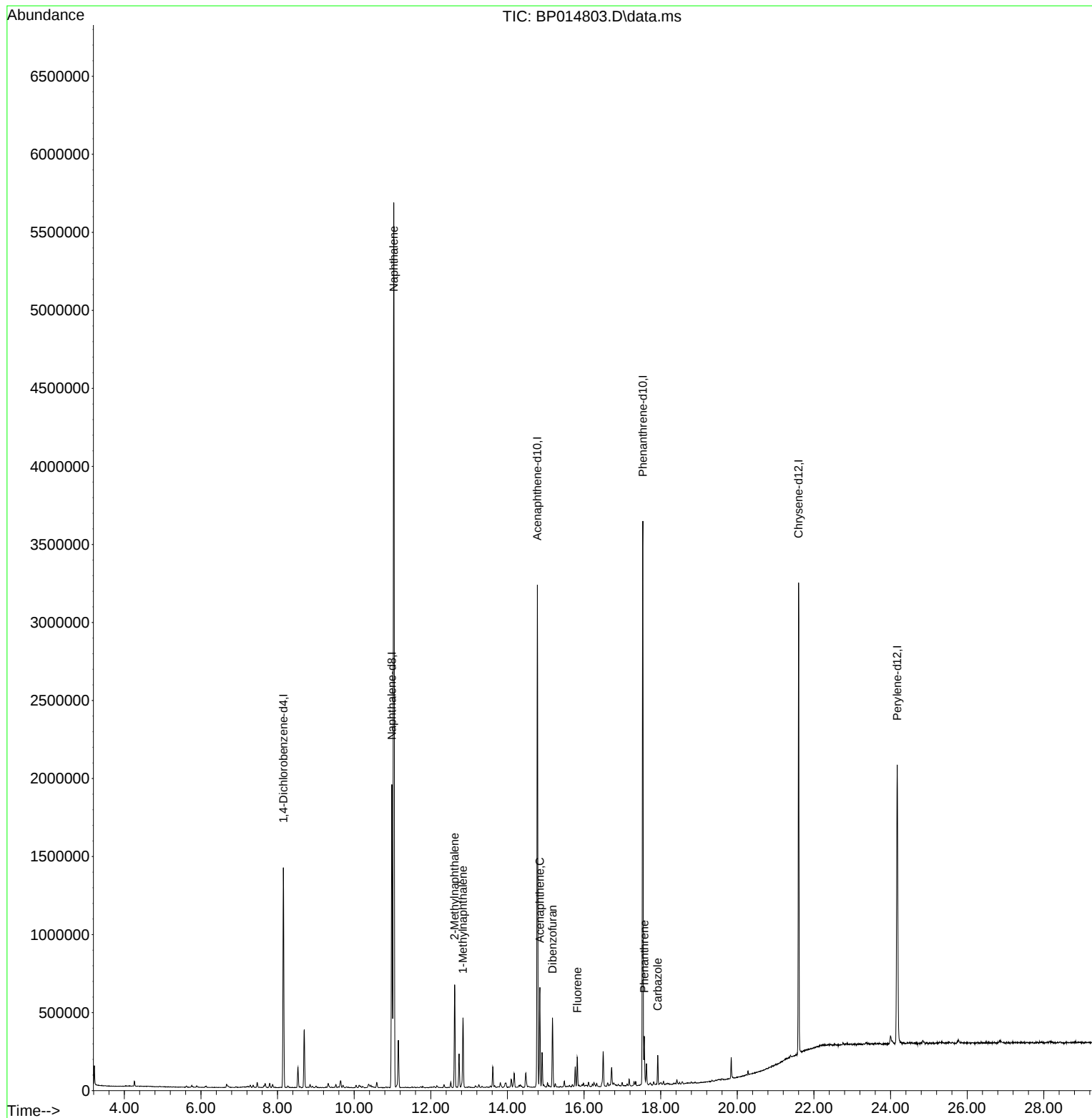
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042023\
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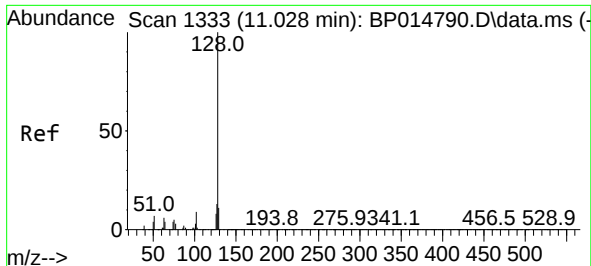
Instrument :
BNA_P
ClientSampleId :
DCBM8DL2

Quant Time: Apr 21 23:56:55 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
Quant Title : SVOA CALIBRATION
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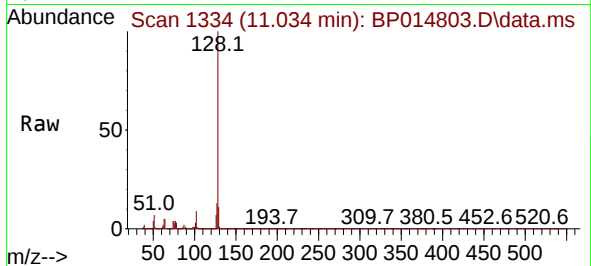
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023





#30
Naphthalene
Concen: 52.845 ng/ul
RT: 11.034 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP014803.D
Acq: 21 Apr 2023 22:30

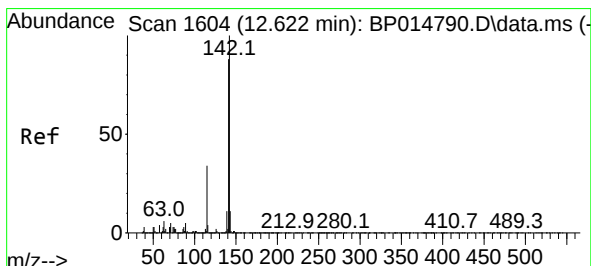
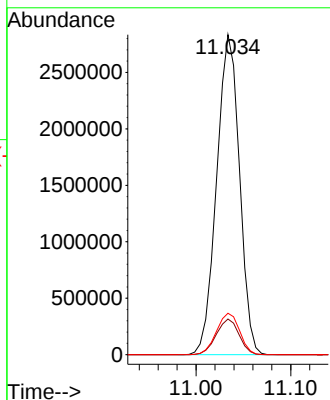
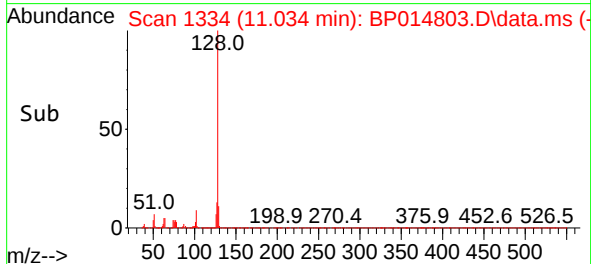
Instrument :
BNA_P
ClientSampleId :
DCBM8DL2



Tgt Ion:128 Resp: 475395
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.0 10.4 15.6

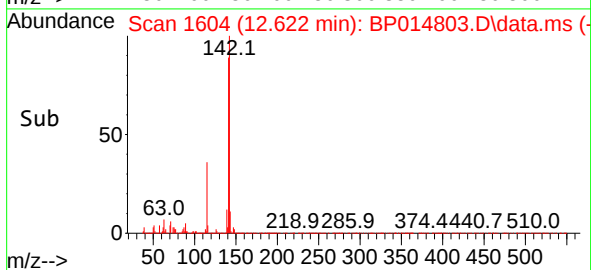
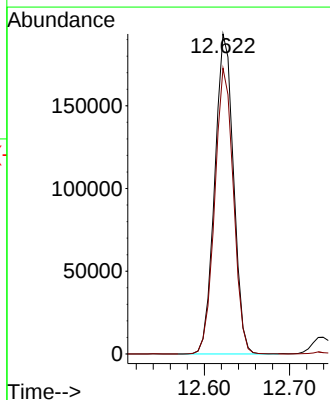
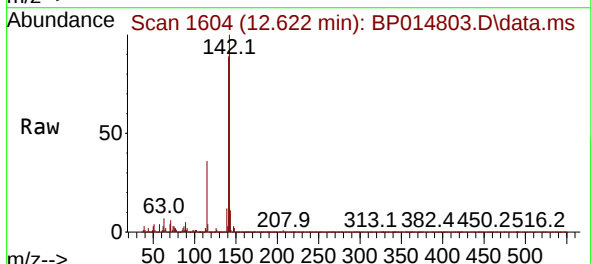
Manual Integrations
APPROVED

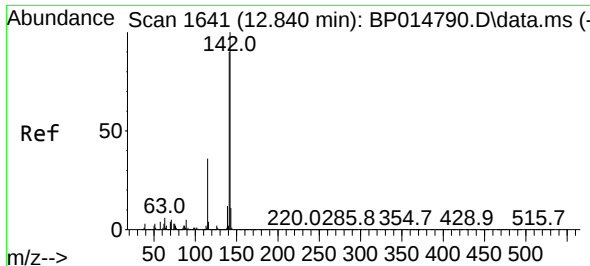
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023



#36
2-Methylnaphthalene
Concen: 4.934 ng/ul
RT: 12.622 min Scan# 1604
Delta R.T. -0.006 min
Lab File: BP014803.D
Acq: 21 Apr 2023 22:30

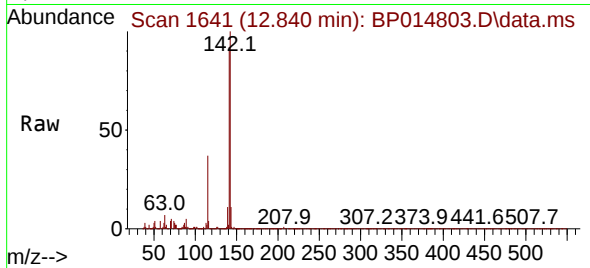
Tgt Ion:142 Resp: 296347
Ion Ratio Lower Upper
142 100
141 89.3 70.9 106.3





#37
1-Methylnaphthalene
Concen: 3.386 ng/ul
RT: 12.840 min Scan# 1641
Delta R.T. -0.000 min
Lab File: BP014803.D
Acq: 21 Apr 2023 22:30

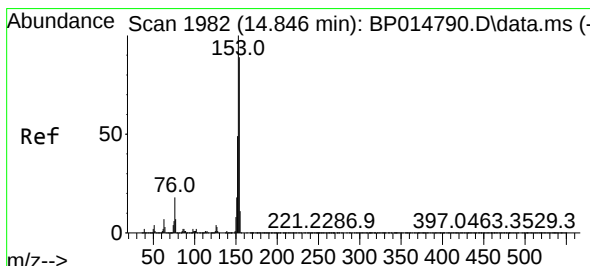
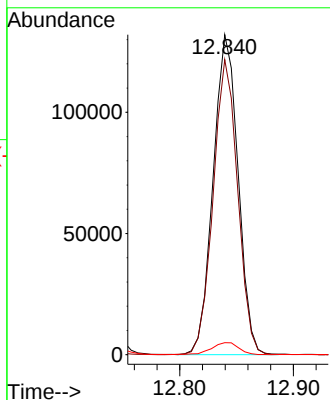
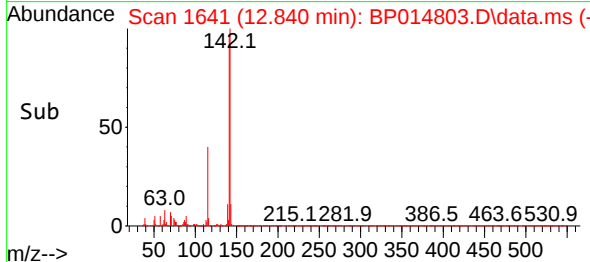
Instrument :
BNA_P
ClientSampleId :
DCBM8DL2



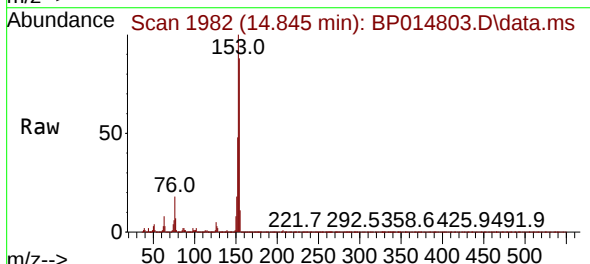
Tgt Ion:142 Resp: 201580
Ion Ratio Lower Upper
142 100
141 92.2 73.8 110.6
116 3.7 3.3 4.9

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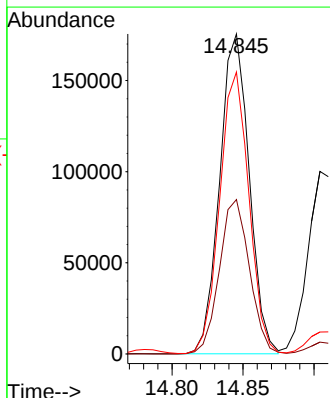
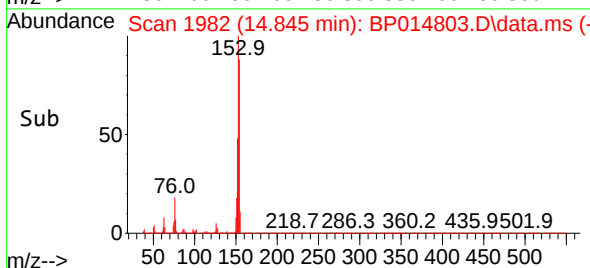
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023

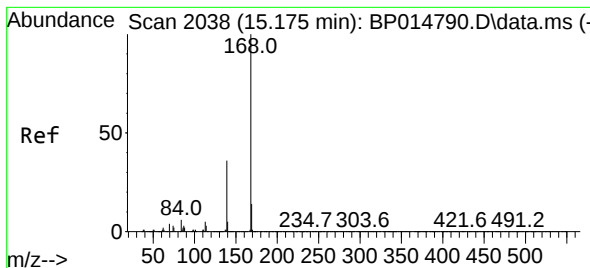


#52
Acenaphthene
Concen: 3.640 ng/ul
RT: 14.845 min Scan# 1982
Delta R.T. -0.000 min
Lab File: BP014803.D
Acq: 21 Apr 2023 22:30



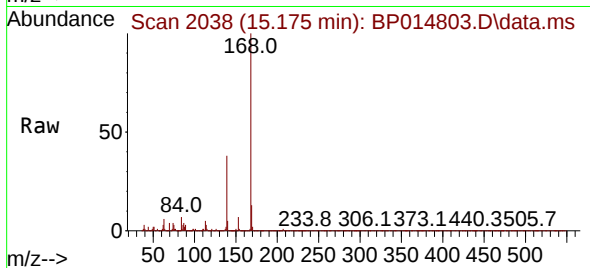
Tgt Ion:153 Resp: 253995
Ion Ratio Lower Upper
153 100
152 48.3 38.4 57.6
154 88.1 69.8 104.8





#56
Dibenzenofuran
Concen: 2.528 ng/ul
RT: 15.175 min Scan# 2038
Delta R.T. -0.006 min
Lab File: BP014803.D
Acq: 21 Apr 2023 22:30

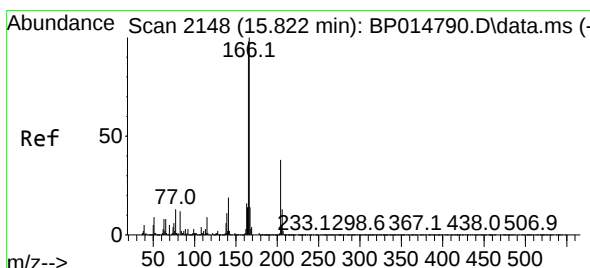
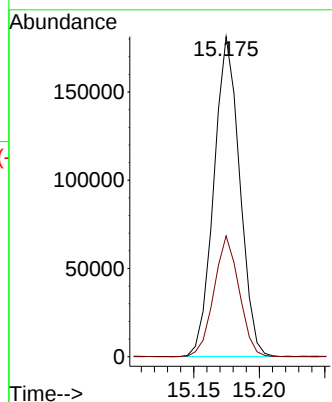
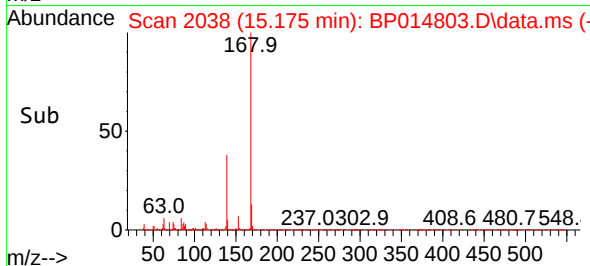
Instrument :
BNA_P
ClientSampleId :
DCBM8DL2



Tgt Ion:168 Resp: 248284
Ion Ratio Lower Upper
168 100
139 37.8 29.8 44.8

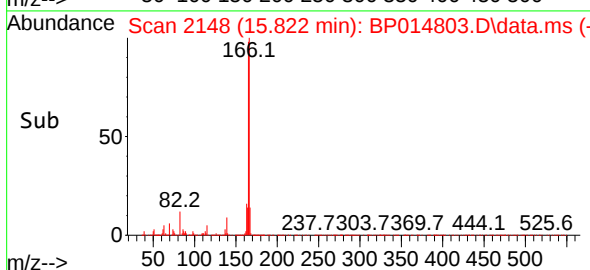
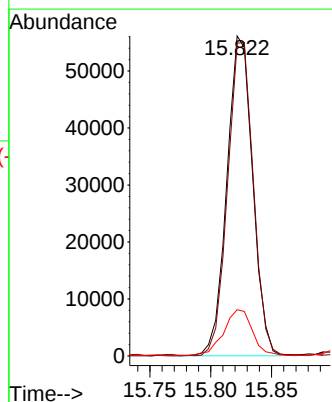
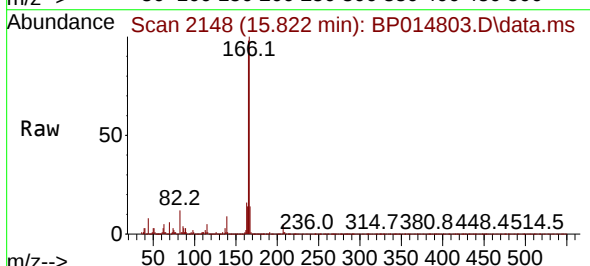
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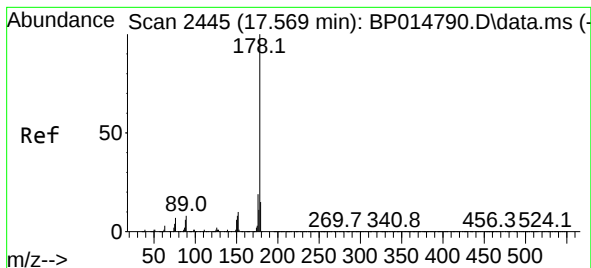
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023



#61
Fluorene
Concen: 1.031 ng/ul
RT: 15.822 min Scan# 2148
Delta R.T. -0.006 min
Lab File: BP014803.D
Acq: 21 Apr 2023 22:30

Tgt Ion:166 Resp: 82681
Ion Ratio Lower Upper
166 100
165 97.7 78.6 117.8
167 14.4 10.5 15.7





#72

Phenanthrene

Concen: 1.462 ng/ul

RT: 17.575 min Scan# 2445

Delta R.T. -0.000 min

Lab File: BP014803.D

Acq: 21 Apr 2023 22:30

Instrument :

BNA_P

ClientSampleId :

DCBM8DL2

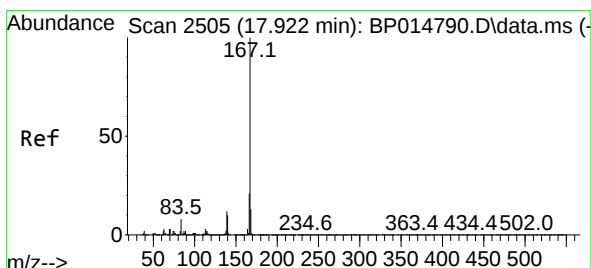
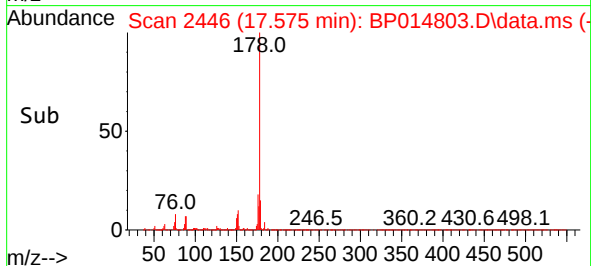
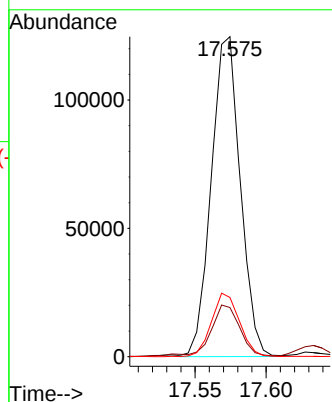
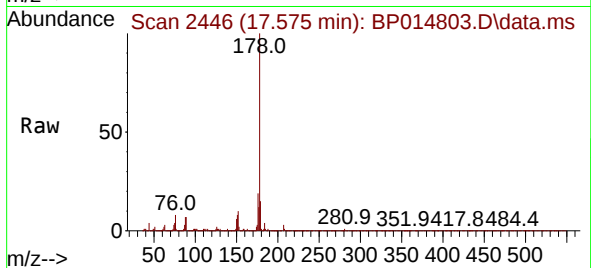
Tgt Ion:178	Resp: 177474
Ion Ratio	Lower Upper
178 100	
179 15.4	12.1 18.1
176 18.5	15.3 22.9

Manual Integrations

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Supervised By :Jagrut Upadhyay 04/24/2023



#77

Carbazole

Concen: 1.016 ng/ul

RT: 17.922 min Scan# 2505

Delta R.T. -0.006 min

Lab File: BP014803.D

Acq: 21 Apr 2023 22:30

Tgt Ion:167	Resp: 109817
Ion Ratio	Lower Upper
167 100	
166 22.0	17.0 25.4
139 13.0	10.2 15.2

