

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031323\
 Data File : BM038996.D
 Acq On : 13 Mar 2023 18:55
 Operator : CG/JU
 Sample : 01810-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCAF9

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/14/2023
 Supervised By : Jagrut Upadhyay 03/14/2023

Quant Time: Mar 14 01:43:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM031323.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 13 16:25:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.987	152	305650	20.000	ng/u1	0.00
20) Naphthalene-d8	10.804	136	1395623	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.628	164	922671	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.369	188	1978460	20.000	ng/u1	0.00
79) Chrysene-d12	21.551	240	1750809	20.000	ng/u1	0.00
88) Perylene-d12	23.998	264	1805353	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.370	96	37200	4.244	ng/uL	0.00
4) Pyridine-d5	3.834	84	15839m	0.639	ng/u1	0.04
7) Phenol-d5	7.140	99	144820	4.922	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.310	67	526890	27.709	ng/u1	0.00
11) 2-Chlorophenol-d4	7.510	132	442950	20.223	ng/u1	0.00
15) 4-Methylphenol-d8	8.693	113	288587	12.537	ng/u1	0.00
21) Nitrobenzene-d5	9.152	128	323535	27.730	ng/u1	0.00
24) 2-Nitrophenol-d4	9.881	143	311592	26.506	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.416	165	513137	23.846	ng/u1	0.00
31) 4-Chloroaniline-d4	10.940	131	235324m	6.761	ng/u1	0.00
46) Dimethylphthalate-d6	14.039	166	2259162	32.327	ng/u1	0.00
49) Acenaphthylene-d8	14.322	160	2384951	29.384	ng/u1	0.00
54) 4-Nitrophenol-d4	14.810	143	66959	4.599	ng/u1	0.00
60) Fluorene-d10	15.616	176	1998148	32.769	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.728	200	325625	25.986	ng/u1	0.00
73) Anthracene-d10	17.469	188	3286486	34.453	ng/u1	0.00
81) Pyrene-d10	19.757	212	3663861	35.743	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.839	264	3300269	35.609	ng/u1	0.00
Target Compounds					Qvalue	
30) Naphthalene	10.851	128	25154117m	318.578	ng/u1	
36) 2-Methylnaphthalene	12.457	142	2218194	43.285	ng/u1	99
37) 1-Methylnaphthalene	12.681	142	3863570	75.053	ng/u1	100
43) 1,1'-Biphenyl	13.463	154	1820946	24.834	ng/u1	99
50) Acenaphthylene	14.345	152	309332	3.427	ng/u1#	96
52) Acenaphthene	14.692	153	7245816	115.712	ng/u1	98
56) Dibenzofuran	15.028	168	6491731	75.524	ng/u1	99
61) Fluorene	15.675	166	3963293	55.545	ng/u1	100
71) Pentachlorophenol	17.016	266	81569	5.482	ng/u1	98
72) Phenanthrene	17.416	178	3252492	28.947	ng/u1	99
74) Anthracene	17.504	178	268728	2.356	ng/u1	99
77) Carbazole	17.780	167	12493906	122.008	ng/u1	97
80) Fluoranthene	19.421	202	292758	2.444	ng/u1	99
82) Pyrene	19.786	202	130861	1.024	ng/u1	97

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

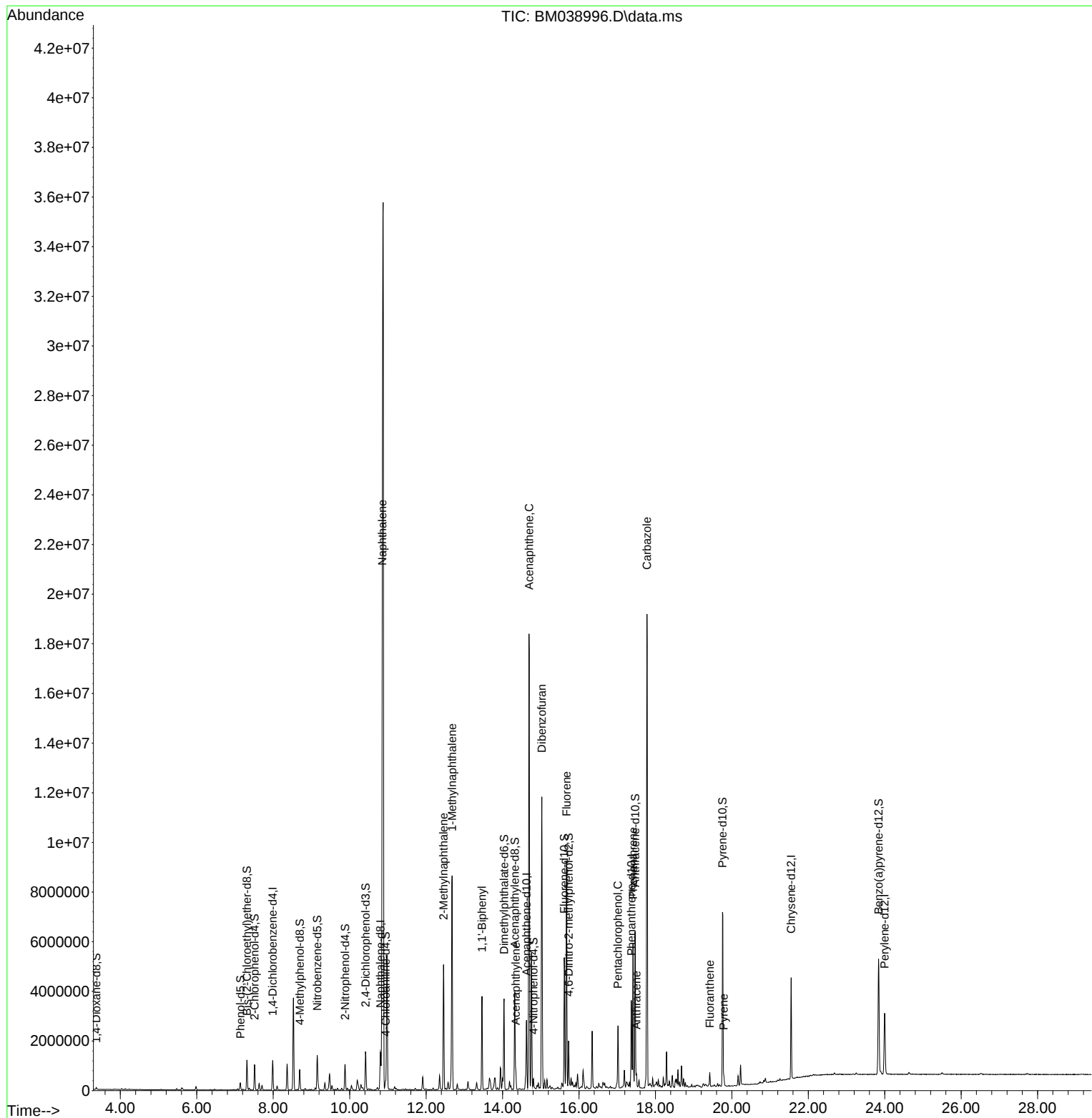
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031323\
Data File : BM038996.D
Acq On : 13 Mar 2023 18:55
Operator : CG/JU
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Misc :
ALS Vial : 13 Sample Multiplier: 1

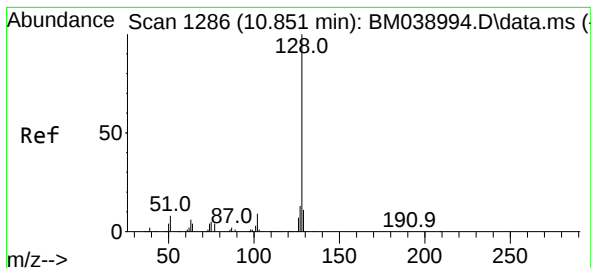
Instrument :
BNA_M
ClientSampleId :
DCAF9

Quant Time: Mar 14 01:43:14 2023
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Quant Title : SVOA CALIBRATION
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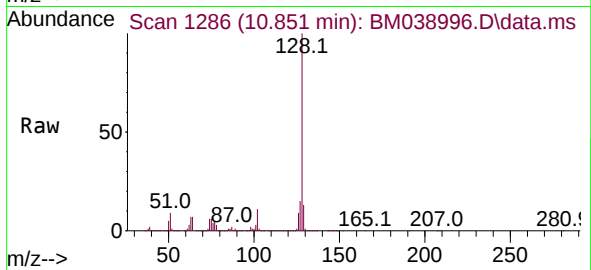
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023





#30
Naphthalene
Concen: 318.578 ng/ul m
RT: 10.851 min Scan# 1286
Delta R.T. 0.000 min
Lab File: BM038996.D
Acq: 13 Mar 2023 18:55

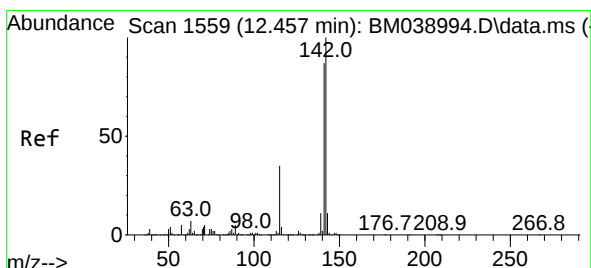
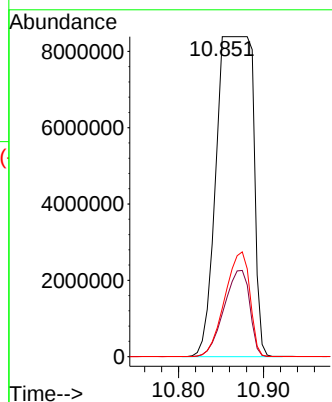
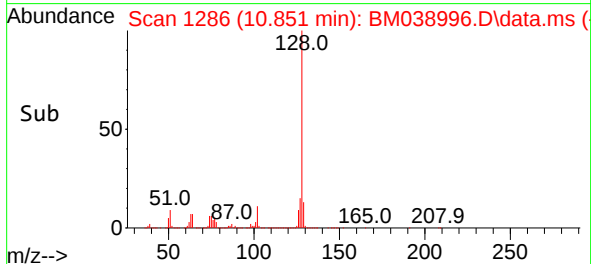
Instrument :
BNA_M
ClientSampleId :
DCAF9



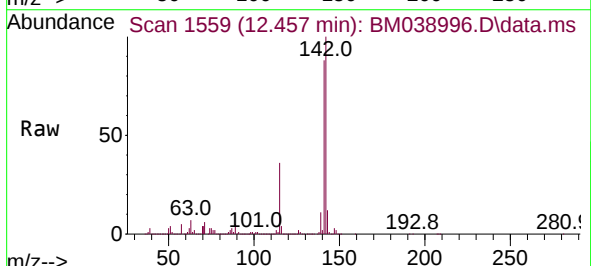
Tgt Ion:128 Resp:2515411
Ion Ratio Lower Upper
128 100
129 13.4 8.6 13.0
127 15.1 10.3 15.5

Manual Integrations
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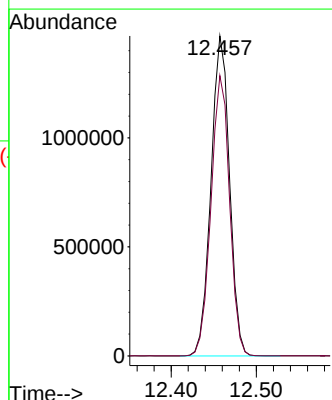
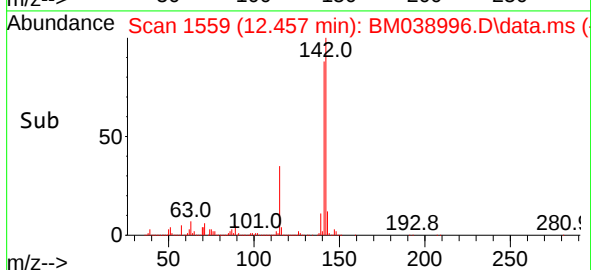
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023

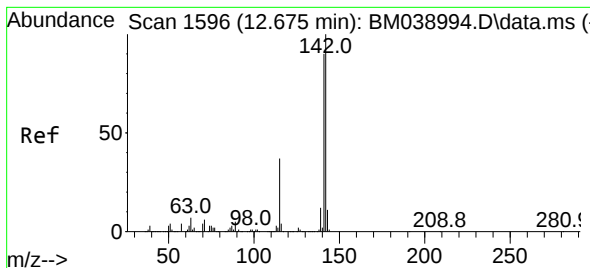


#36
2-Methylnaphthalene
Concen: 43.285 ng/ul
RT: 12.457 min Scan# 1559
Delta R.T. 0.000 min
Lab File: BM038996.D
Acq: 13 Mar 2023 18:55



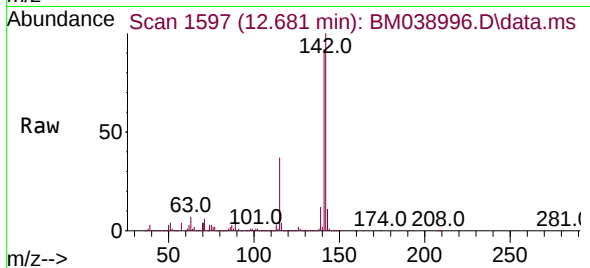
Tgt Ion:142 Resp: 2218194
Ion Ratio Lower Upper
142 100
141 87.6 70.7 106.1





#37
1-Methylnaphthalene
Concen: 75.053 ng/ul
RT: 12.681 min Scan# 1596
Delta R.T. 0.006 min
Lab File: BM038996.D
Acq: 13 Mar 2023 18:55

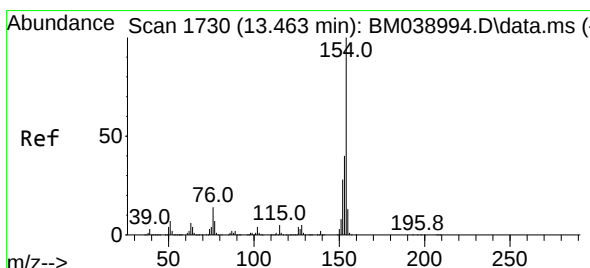
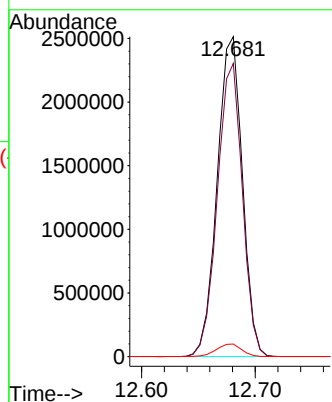
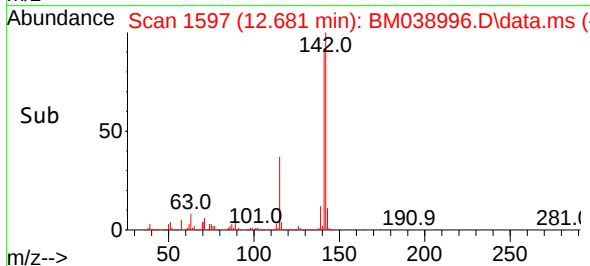
Instrument :
BNA_M
ClientSampleId :
DCAF9



Tgt Ion:142 Resp: 3863570
Ion Ratio Lower Upper
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141 91.7 73.1 109.7
116 3.9 3.0 4.6

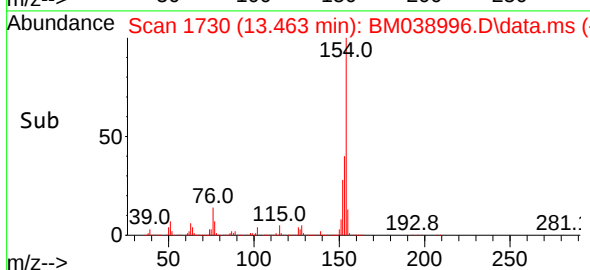
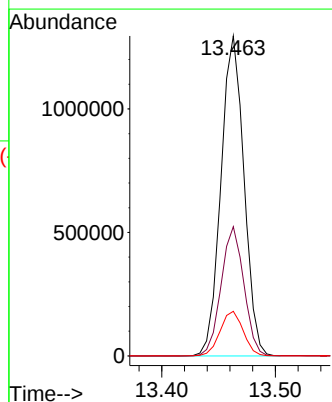
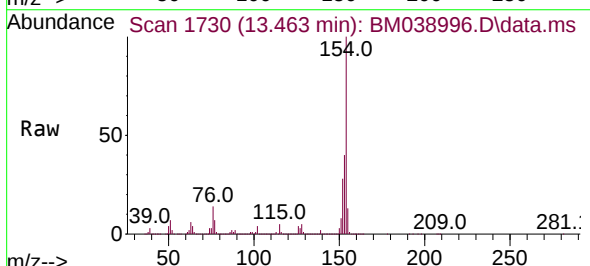
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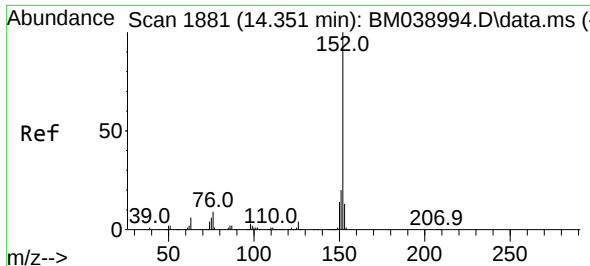
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#43
1,1'-Biphenyl
Concen: 24.834 ng/ul
RT: 13.463 min Scan# 1730
Delta R.T. 0.000 min
Lab File: BM038996.D
Acq: 13 Mar 2023 18:55

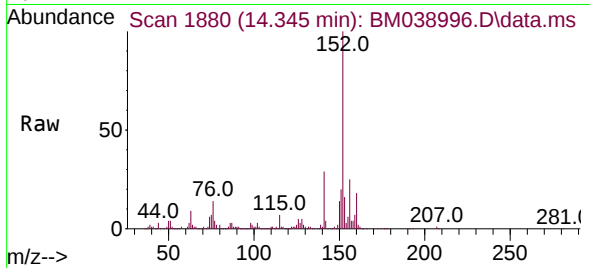
Tgt Ion:154 Resp: 1820946
Ion Ratio Lower Upper
154 100
153 40.4 32.0 48.0
76 13.9 11.5 17.3





#50
Acenaphthylene
Concen: 3.427 ng/ul
RT: 14.345 min Scan# 1881
Delta R.T. -0.006 min
Lab File: BM038996.D
Acq: 13 Mar 2023 18:55

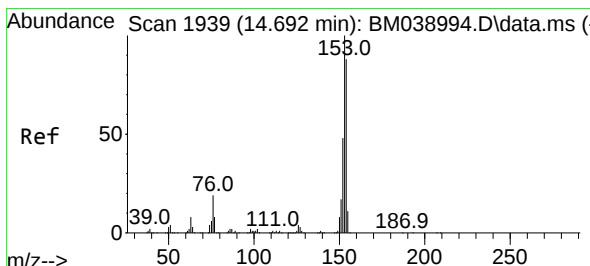
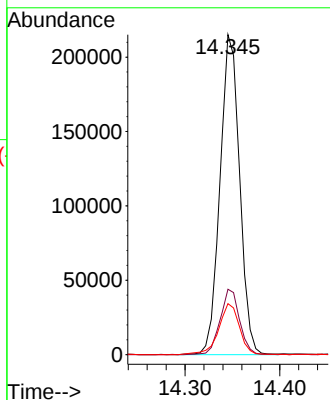
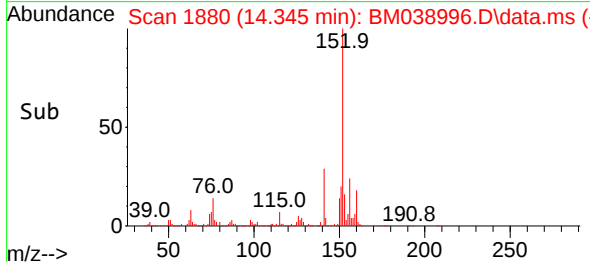
Instrument :
BNA_M
ClientSampleId :
DCAF9



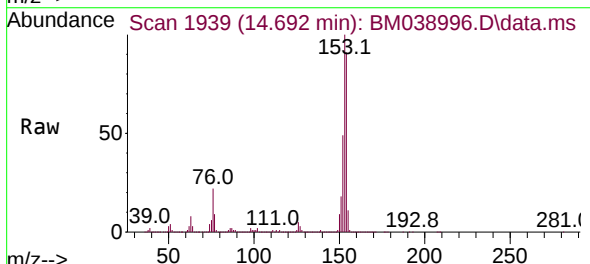
Tgt Ion:152 Resp: 309332
Ion Ratio Lower Upper
152 100
151 20.4 15.6 23.4
153 15.9 10.2 15.4

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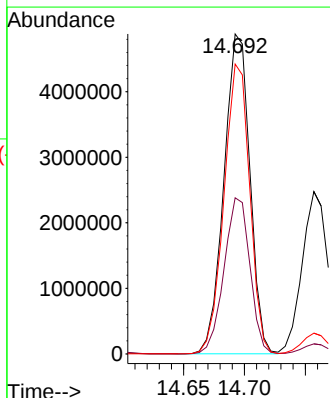
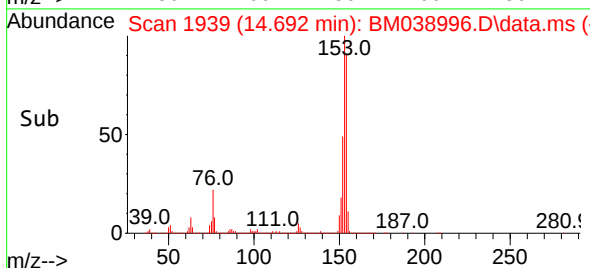
Reviewed By :Christian Giraldo 03/14/2023
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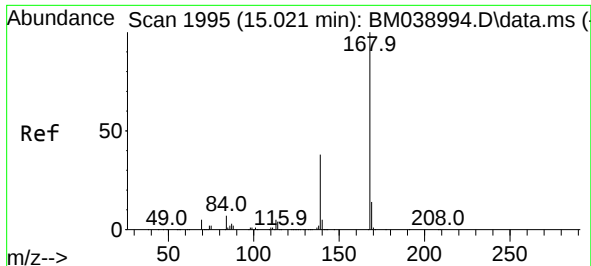


#52
Acenaphthene
Concen: 115.712 ng/ul
RT: 14.692 min Scan# 1939
Delta R.T. 0.000 min
Lab File: BM038996.D
Acq: 13 Mar 2023 18:55



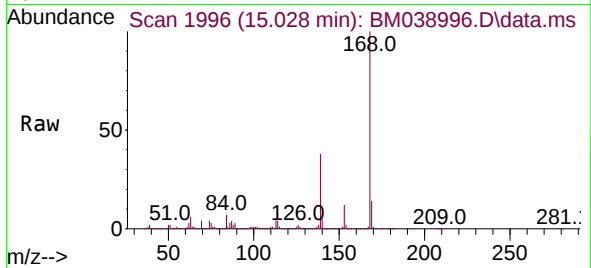
Tgt Ion:153 Resp: 7245816
Ion Ratio Lower Upper
153 100
152 48.8 38.1 57.1
154 90.6 71.4 107.0





#56
Dibenzenofuran
Concen: 75.524 ng/ul
RT: 15.028 min Scan# 1995
Delta R.T. 0.006 min
Lab File: BM038996.D
Acq: 13 Mar 2023 18:55

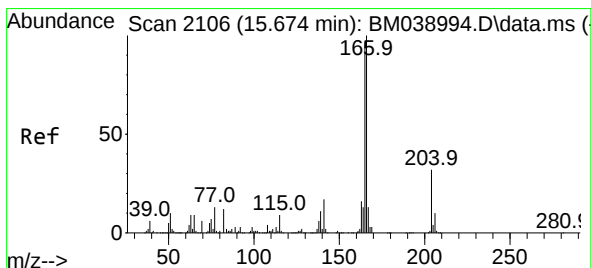
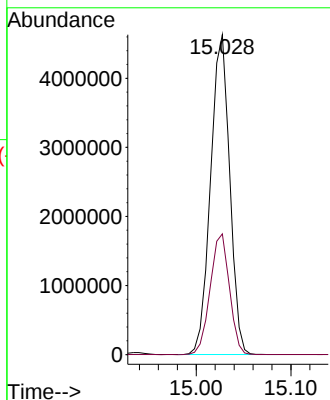
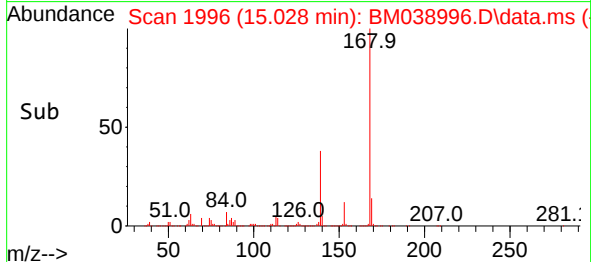
Instrument :
BNA_M
ClientSampleId :
DCAF9



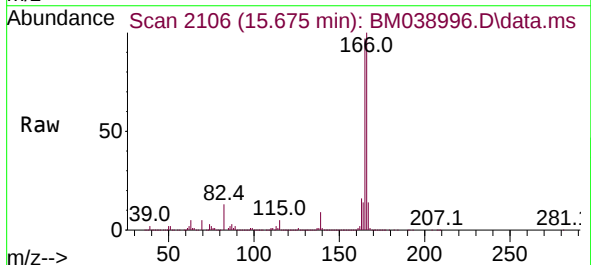
Tgt Ion:168 Resp: 6491731
Ion Ratio Lower Upper
168 100
139 37.7 30.7 46.1

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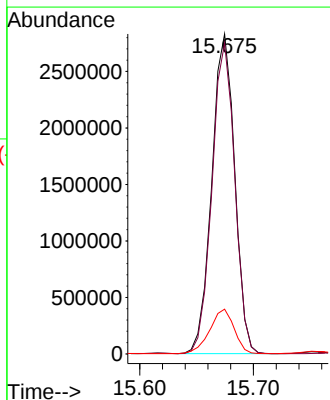
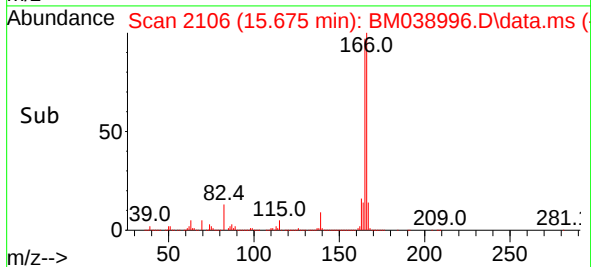
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023

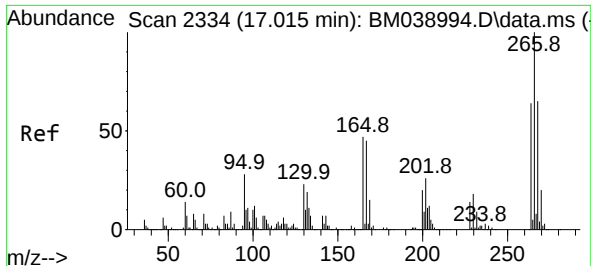


#61
Fluorene
Concen: 55.545 ng/ul
RT: 15.675 min Scan# 2106
Delta R.T. 0.006 min
Lab File: BM038996.D
Acq: 13 Mar 2023 18:55



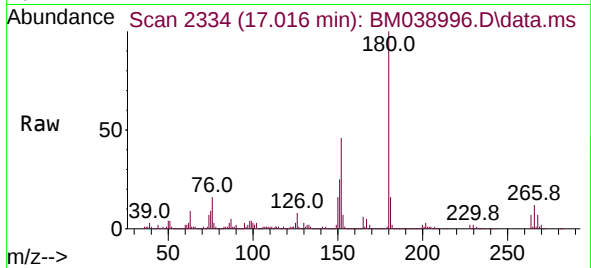
Tgt Ion:166 Resp: 3963293
Ion Ratio Lower Upper
166 100
165 97.1 77.5 116.3
167 14.0 11.0 16.6





#71
 Pentachlorophenol
 Concen: 5.482 ng/ul
 RT: 17.016 min Scan# 2334
 Delta R.T. 0.000 min
 Lab File: BM038996.D
 Acq: 13 Mar 2023 18:55

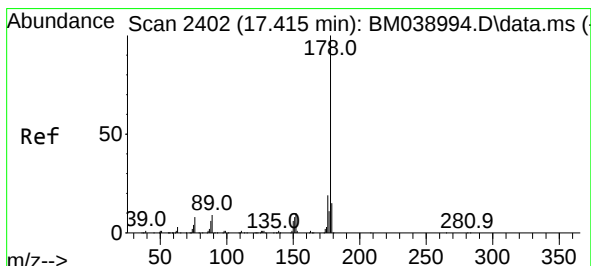
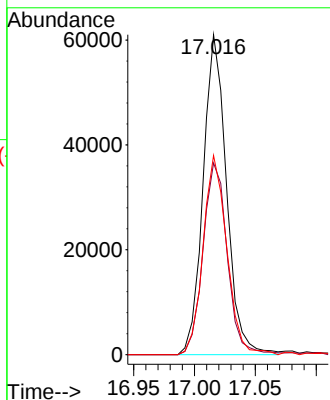
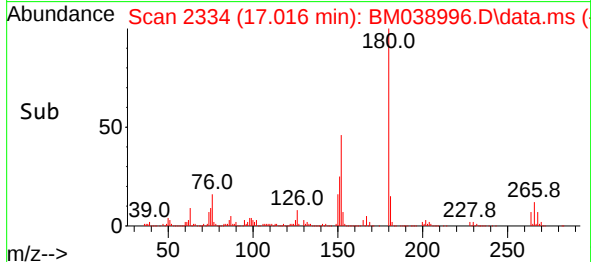
Instrument :
 BNA_M
 ClientSampleId :
 DCAF9



Tgt Ion:266 Resp: 81569
 Ion Ratio Lower Upper
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 264 59.9 50.0 75.0
 268 62.2 50.5 75.7

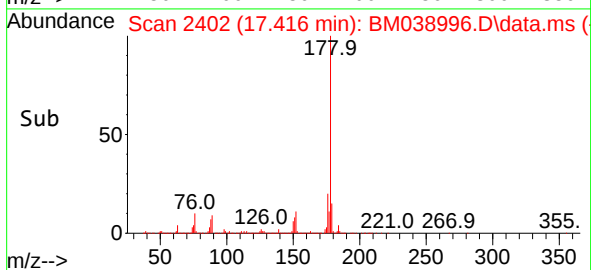
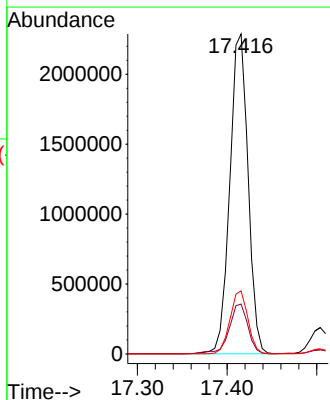
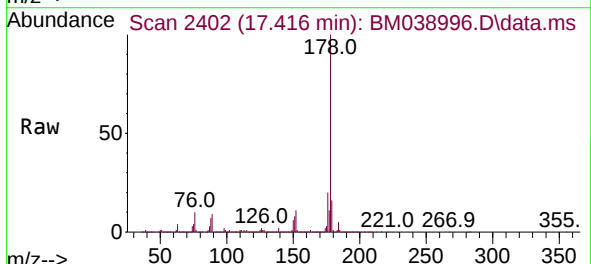
Manual Integrations
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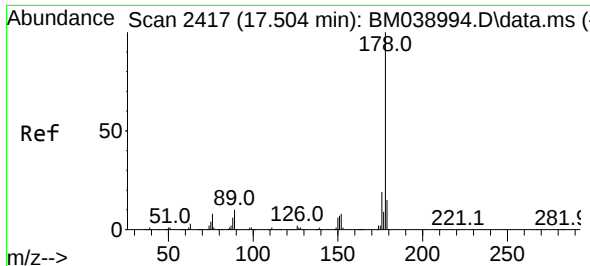
Reviewed By :Christian Giraldo 03/14/2023
 Supervised By :Jagrut Upadhyay 03/14/2023



#72
 Phenanthrene
 Concen: 28.947 ng/ul
 RT: 17.416 min Scan# 2402
 Delta R.T. 0.000 min
 Lab File: BM038996.D
 Acq: 13 Mar 2023 18:55

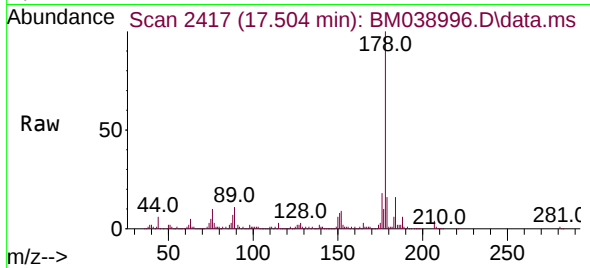
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 Ion Ratio Lower Upper
 178 100
 179 15.6 12.1 18.1
 176 19.7 15.7 23.5





#74
 Anthracene
 Concen: 2.356 ng/ul
 RT: 17.504 min Scan# 2417
 Delta R.T. 0.000 min
 Lab File: BM038996.D
 Acq: 13 Mar 2023 18:55

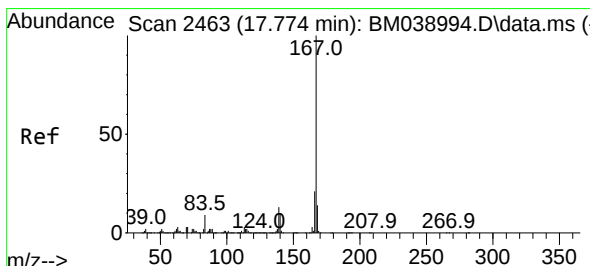
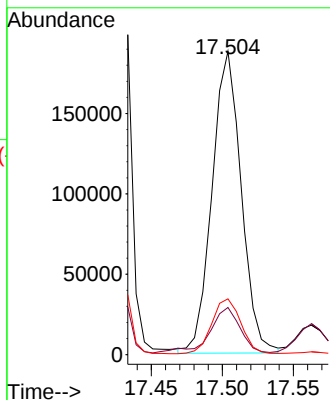
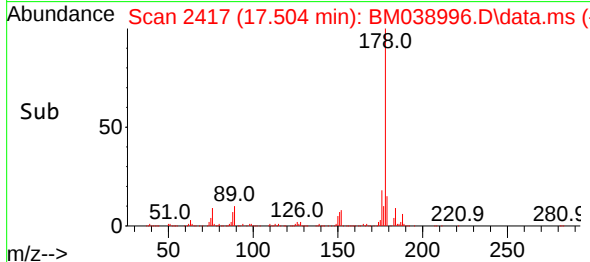
Instrument :
 BNA_M
 ClientSampleId :
 DCAF9



Tgt Ion:178 Resp: 268728
 Ion Ratio Lower Upper
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 179 15.5 12.4 18.6
 176 18.4 15.2 22.8

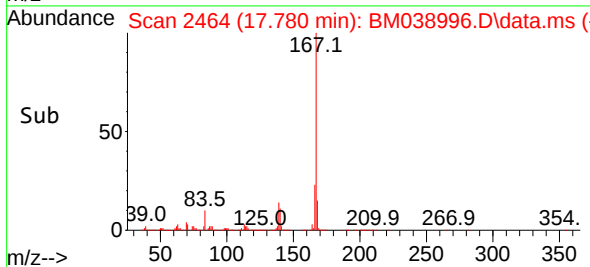
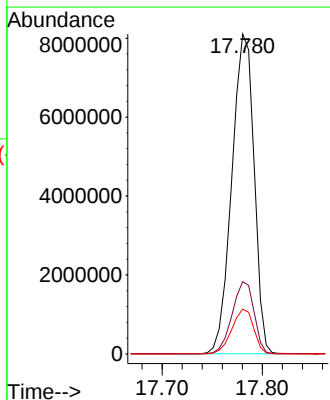
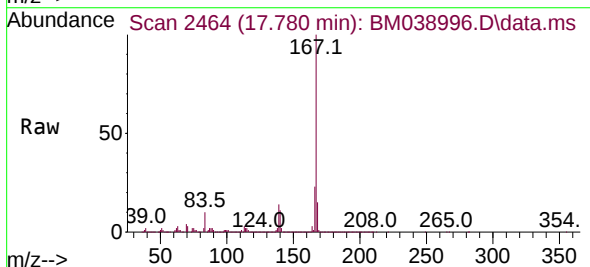
Manual Integrations
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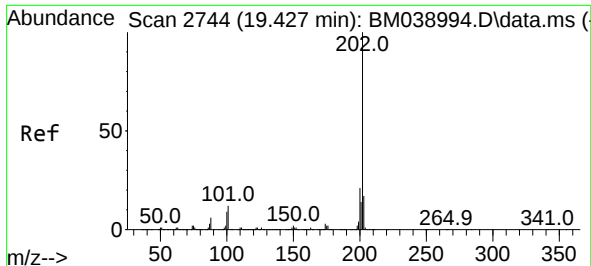
Reviewed By :Christian Giraldo 03/14/2023
 Supervised By :Jagrut Upadhyay 03/14/2023



#77
 Carbazole
 Concen: 122.008 ng/ul
 RT: 17.780 min Scan# 2464
 Delta R.T. 0.006 min
 Lab File: BM038996.D
 Acq: 13 Mar 2023 18:55

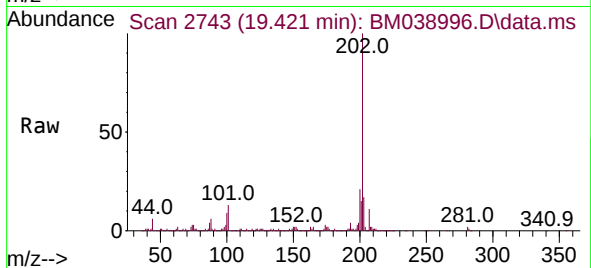
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 Ion Ratio Lower Upper
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 166 22.6 17.0 25.4
 139 14.0 10.4 15.6





#80
Fluoranthene
Concen: 2.444 ng/ul
RT: 19.421 min Scan# 2743
Delta R.T. -0.006 min
Lab File: BM038996.D
Acq: 13 Mar 2023 18:55

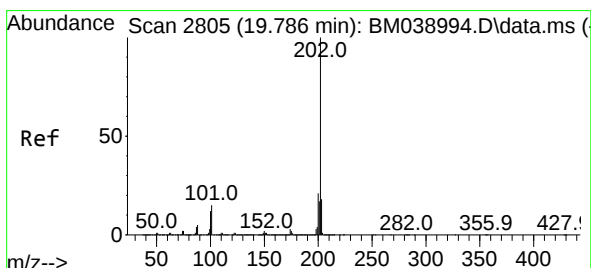
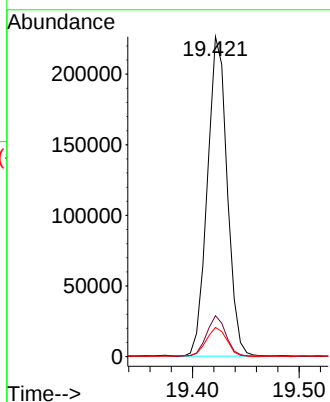
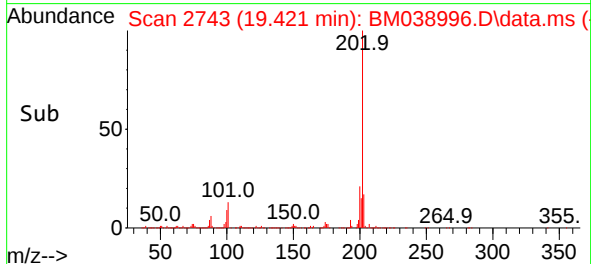
Instrument :
BNA_M
ClientSampleId :
DCAF9



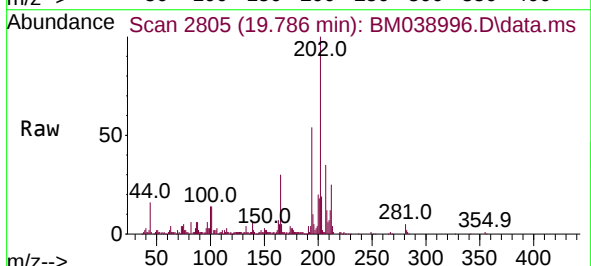
Tgt Ion:202 Resp: 292758
Ion Ratio Lower Upper
202 100
101 12.8 9.9 14.9
100 9.1 7.4 11.2

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#82
Pyrene
Concen: 1.024 ng/ul
RT: 19.786 min Scan# 2805
Delta R.T. -0.006 min
Lab File: BM038996.D
Acq: 13 Mar 2023 18:55



Tgt Ion:202 Resp: 130861
Ion Ratio Lower Upper
202 100
101 13.7 11.4 17.2
100 13.6 9.3 13.9

