

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112522\
 Data File : BM037747.D
 Acq On : 26 Nov 2022 23:36
 Operator : CG/JU
 Sample : N5694-05
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BHB41

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/28/2022
 Supervised By :mohammad ahmed 11/28/2022

Quant Time: Nov 27 21:30:55 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM112322.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 24 01:27:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.110	152	232046	20.000	ng/u1	0.00
20) Naphthalene-d8	10.927	136	1056722	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.733	164	676411	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.468	188	1457234	20.000	ng/u1	0.00
79) Chrysene-d12	21.633	240	1454352	20.000	ng/u1	0.00
88) Perylene-d12	24.127	264	1314145	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.434	96	22765m	4.069	ng/uL	0.00
4) Pyridine-d5	3.875	84	145995	8.016	ng/u1	0.00
7) Phenol-d5	7.257	99	154797	6.687	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.428	67	398311	25.793	ng/u1	0.00
11) 2-Chlorophenol-d4	7.634	132	358938	22.313	ng/u1	0.00
15) 4-Methylphenol-d8	8.816	113	268697	14.586	ng/u1	0.00
21) Nitrobenzene-d5	9.280	128	245238	29.603	ng/u1	0.00
24) 2-Nitrophenol-d4	10.004	143	229741	28.145	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.545	165	394517	26.410	ng/u1	0.00
31) 4-Chloroaniline-d4	11.063	131	544158	21.952	ng/u1	-0.01
46) Dimethylphthalate-d6	14.139	166	1503578	31.382	ng/u1	0.00
49) Acenaphthylene-d8	14.427	160	1685924	29.812	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.915	143	65497	6.206	ng/u1	0.00
60) Fluorene-d10	15.721	176	1337992	31.886	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.827	200	195784	24.975	ng/u1	-0.01
73) Anthracene-d10	17.568	188	2260410	33.170	ng/u1	0.00
81) Pyrene-d10	19.850	212	2605866	35.259	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.962	264	2210604	32.681	ng/u1	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.469	88	24633	4.004	ng/uL	90
30) Naphthalene	10.980	128	143775	2.488	ng/u1	99
37) 1-Methylnaphthalene	12.792	142	154328	3.822	ng/u1	99
43) 1,1'-Biphenyl	13.574	154	65879	1.283	ng/u1	99
52) Acenaphthene	14.798	153	441732	9.662	ng/u1	100
56) Dibenzofuran	15.127	168	469477	7.868	ng/u1	96
61) Fluorene	15.774	166	358422	6.934	ng/u1	99
72) Phenanthrene	17.509	178	631216	7.395	ng/u1	99
77) Carbazole	17.868	167	145583	1.767	ng/u1	98
80) Fluoranthene	19.515	202	229334	2.429	ng/u1	99
82) Pyrene	19.880	202	142605	1.430	ng/u1	96

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

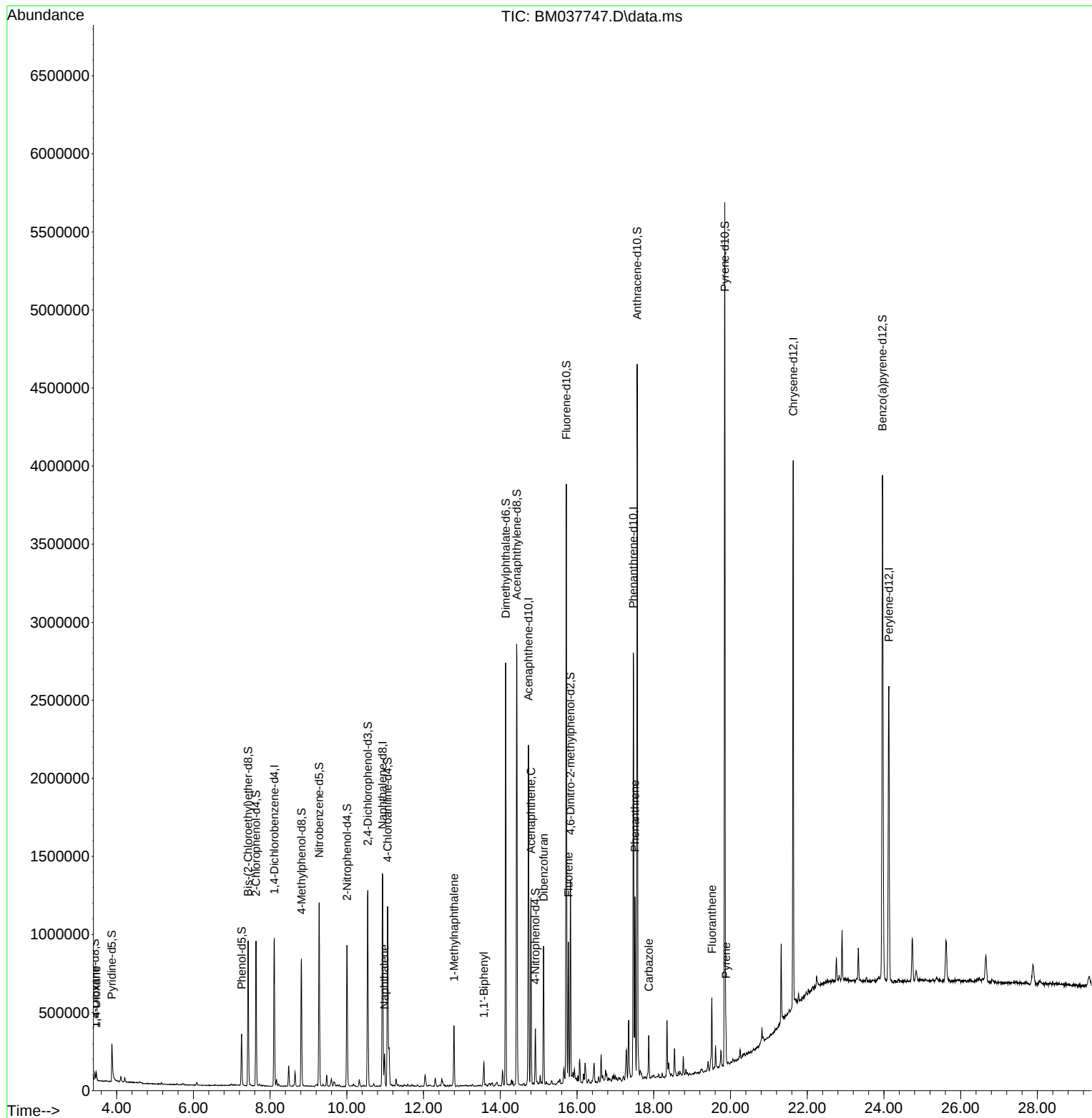
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112522\
Data File : BM037747.D
Acq On : 26 Nov 2022 23:36
Operator : CG/JU
Sample : N5694-05
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ALS Vial : 59 Sample Multiplier: 1

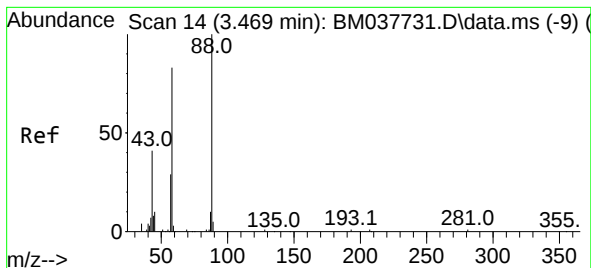
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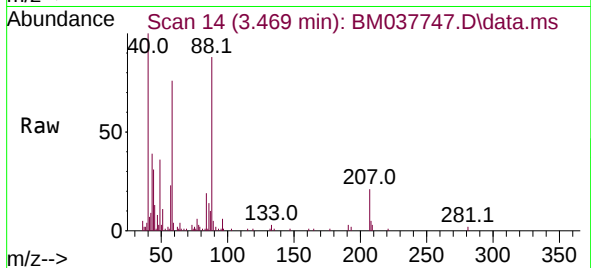
Quant Time: Nov 27 21:30:55 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM112322.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 24 01:27:15 2022
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 4.004 ng/uL
RT: 3.469 min Scan# 14
Delta R.T. -0.006 min
Lab File: BM037747.D
Acq: 26 Nov 2022 23:36

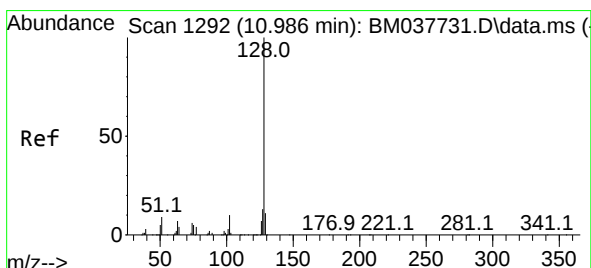
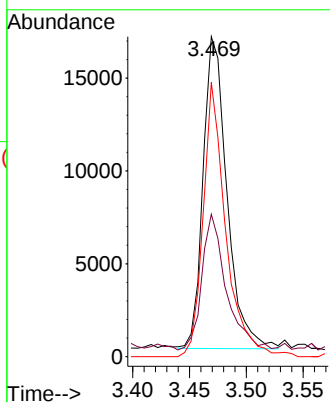
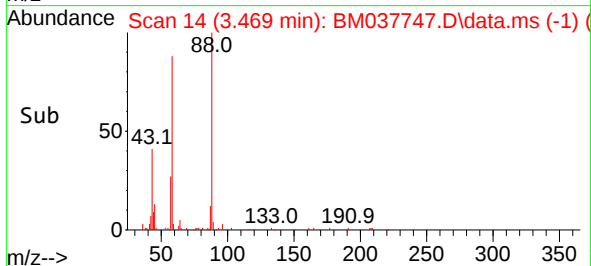
Instrument :
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ClientSampleId :
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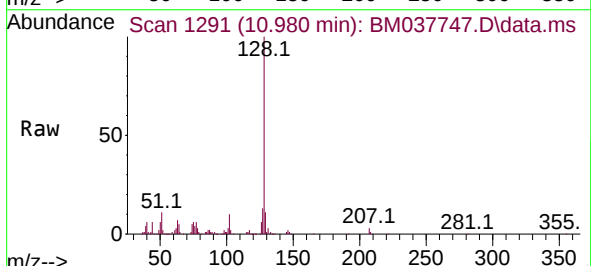
Tgt Ion: 88 Resp: 24633
Ion Ratio Lower Upper
88 100
43 44.5 42.8 64.2
58 85.7 62.6 94.0

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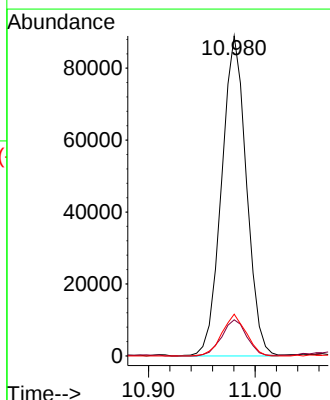
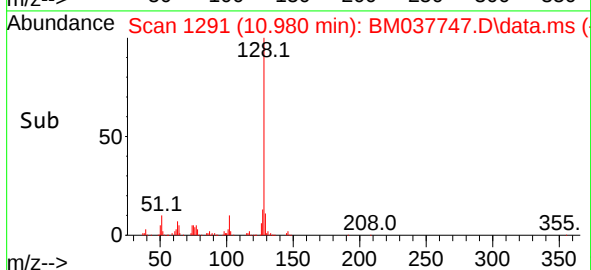
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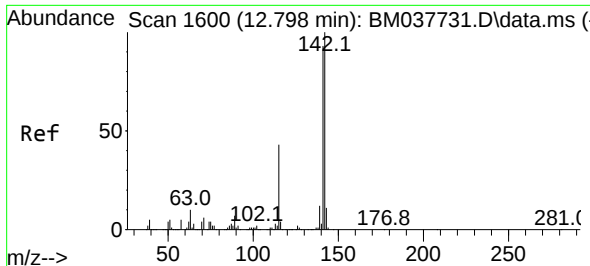


#30
Naphthalene
Concen: 2.488 ng/uL
RT: 10.980 min Scan# 1291
Delta R.T. -0.012 min
Lab File: BM037747.D
Acq: 26 Nov 2022 23:36



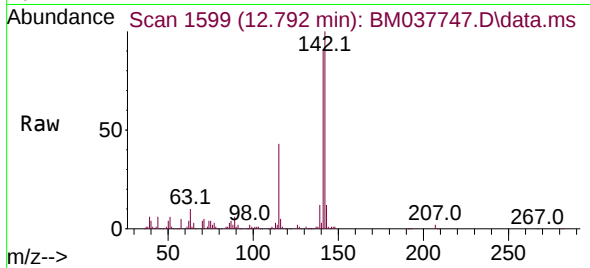
Tgt Ion:128 Resp: 143775
Ion Ratio Lower Upper
128 100
129 11.3 8.6 12.8
127 13.0 10.4 15.6





#37
1-Methylnaphthalene
Concen: 3.822 ng/ul
RT: 12.792 min Scan# 1599
Delta R.T. -0.012 min
Lab File: BM037747.D
Acq: 26 Nov 2022 23:36

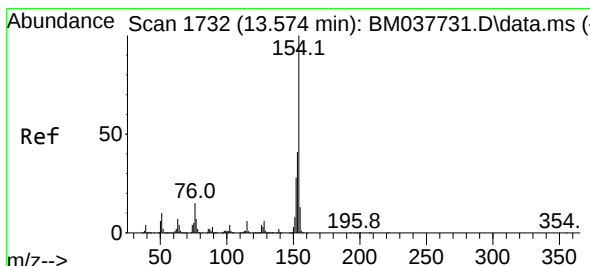
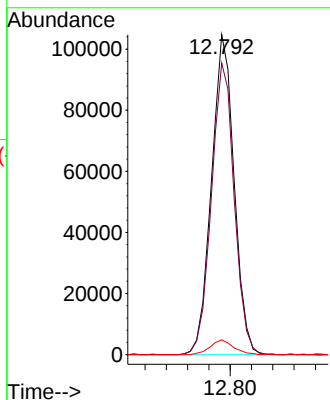
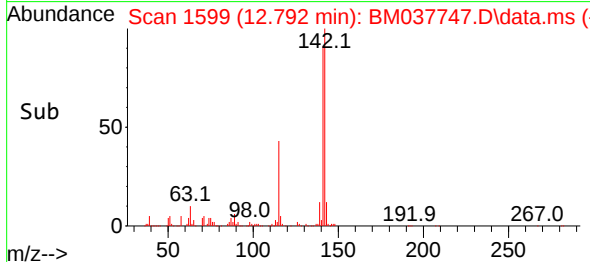
Instrument :
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BHB41



Tgt Ion:142 Resp: 154328
Ion Ratio Lower Upper
142 100
141 91.1 73.3 109.9
116 4.7 3.2 4.8

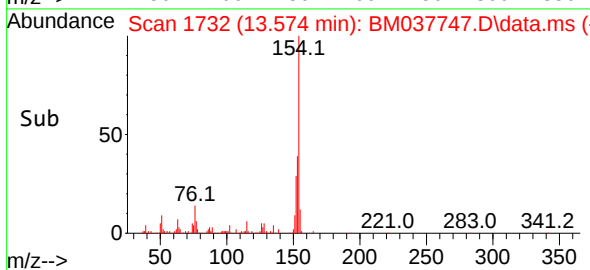
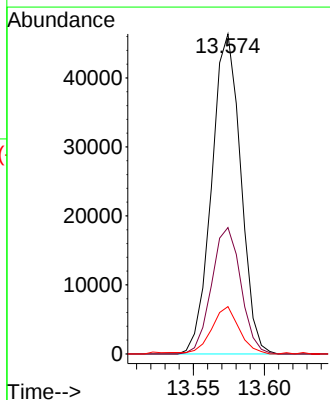
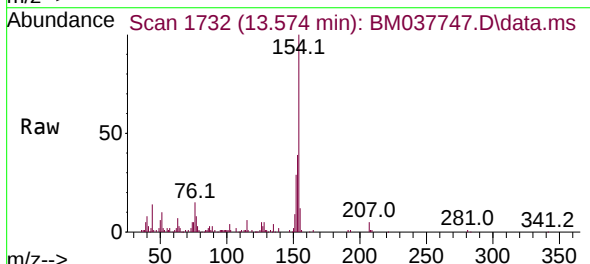
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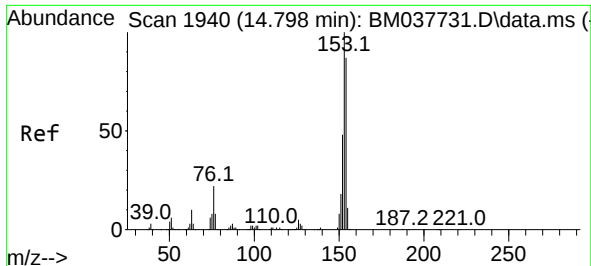
Reviewed By :Jagrut Upadhyay 11/28/2022
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#43
1,1'-Biphenyl
Concen: 1.283 ng/ul
RT: 13.574 min Scan# 1732
Delta R.T. -0.006 min
Lab File: BM037747.D
Acq: 26 Nov 2022 23:36

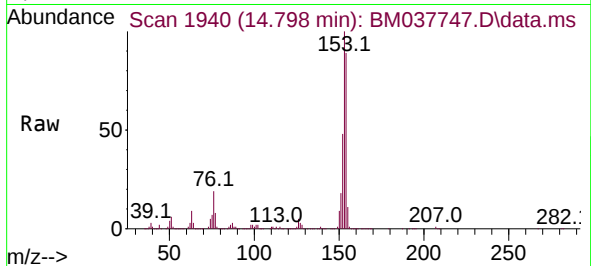
Tgt Ion:154 Resp: 65879
Ion Ratio Lower Upper
154 100
153 39.5 32.1 48.1
76 14.8 12.4 18.6





#52
Acenaphthene
Concen: 9.662 ng/ul
RT: 14.798 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BM037747.D
Acq: 26 Nov 2022 23:36

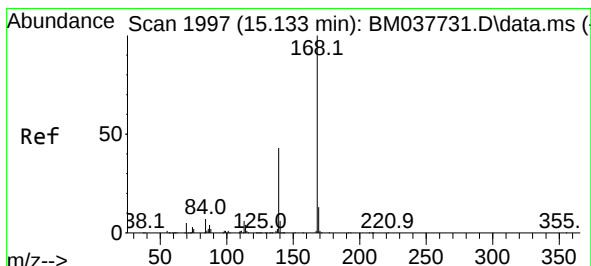
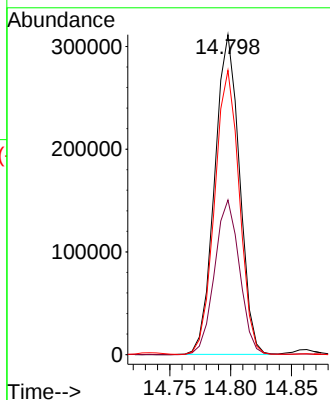
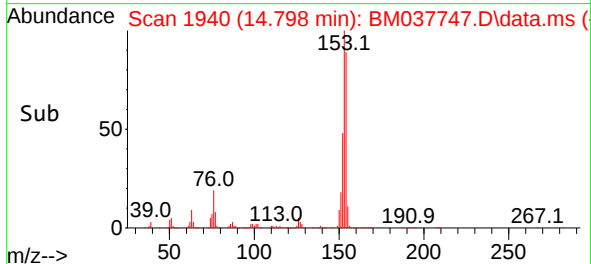
Instrument :
BNA_M
ClientSampleId :
BHB41



Tgt Ion:153 Resp: 441732
Ion Ratio Lower Upper
153 100
152 48.3 38.4 57.6
154 88.8 70.7 106.1

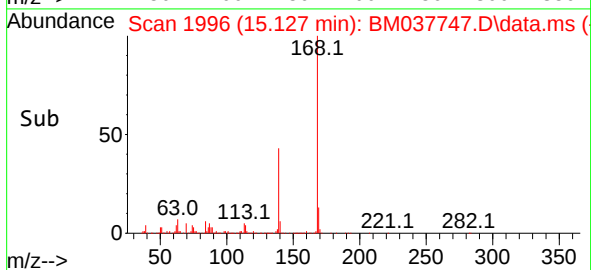
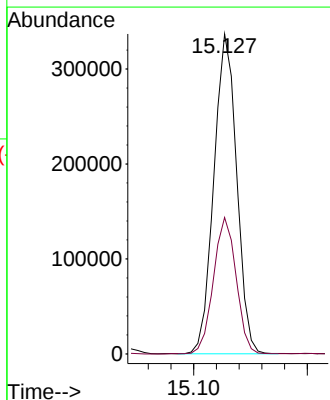
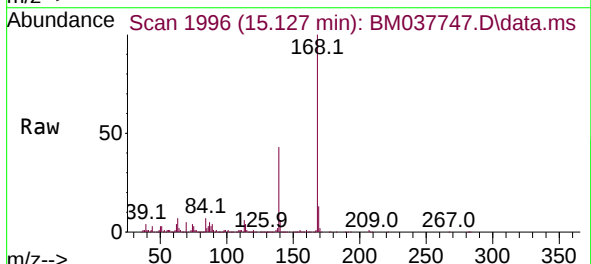
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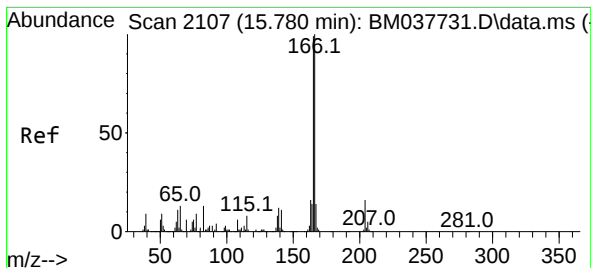
Reviewed By :Jagrut Upadhyay 11/28/2022
Supervised By :mohammad ahmed 11/28/2022



#56
Dibenzofuran
Concen: 7.868 ng/ul
RT: 15.127 min Scan# 1996
Delta R.T. -0.012 min
Lab File: BM037747.D
Acq: 26 Nov 2022 23:36

Tgt Ion:168 Resp: 469477
Ion Ratio Lower Upper
168 100
139 42.7 32.2 48.2





#61

Fluorene

Concen: 6.934 ng/ul

RT: 15.774 min Scan# 2106

Delta R.T. -0.006 min

Lab File: BM037747.D

Acq: 26 Nov 2022 23:36

Instrument :

BNA_M

ClientSampleId :

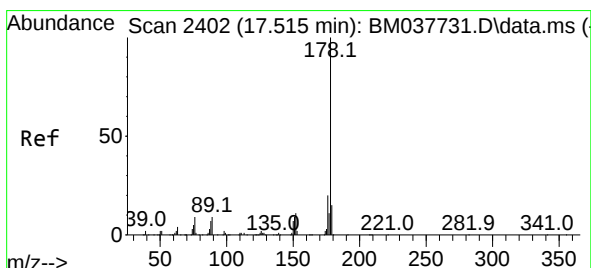
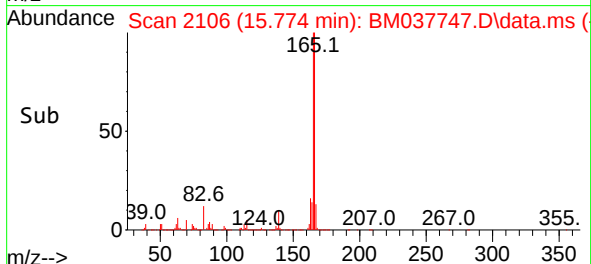
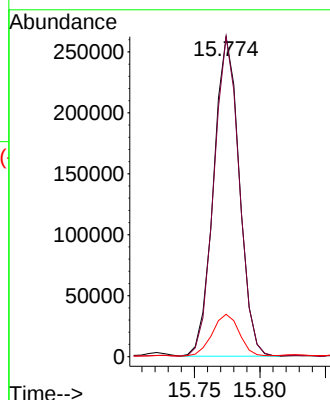
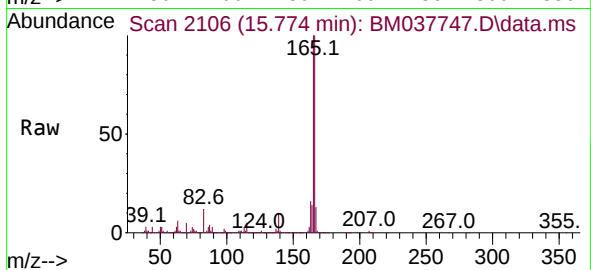
BHB41

Tgt Ion:166 Resp: 358422
 Ion Ratio Lower Upper
 166 100
 165 100.1 79.3 118.9
 167 13.2 10.6 15.8

Manual Integrations

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#72

Phenanthrene

Concen: 7.395 ng/ul

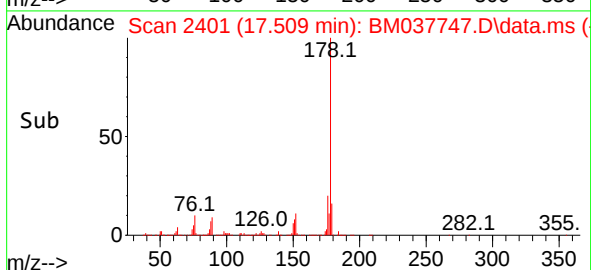
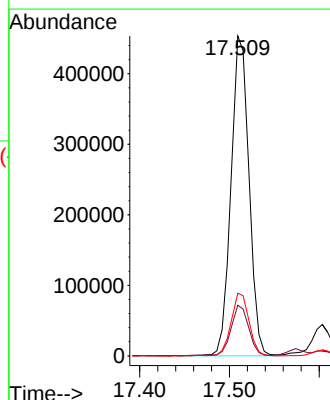
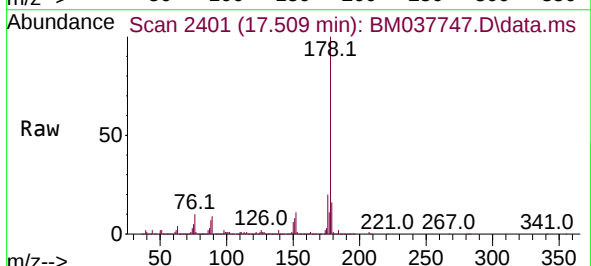
RT: 17.509 min Scan# 2401

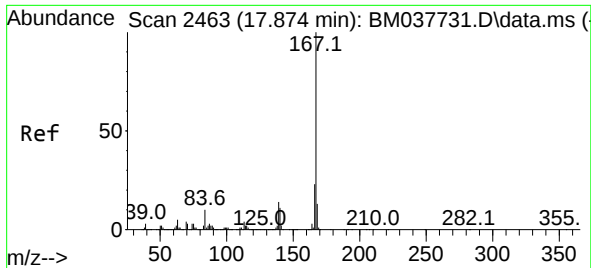
Delta R.T. -0.012 min

Lab File: BM037747.D

Acq: 26 Nov 2022 23:36

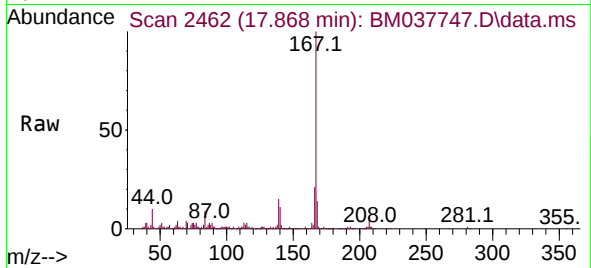
Tgt Ion:178 Resp: 631216
 Ion Ratio Lower Upper
 178 100
 179 15.8 12.0 18.0
 176 19.6 15.4 23.2





#77
 Carbazole
 Concen: 1.767 ng/ul
 RT: 17.868 min Scan# 2463
 Delta R.T. -0.006 min
 Lab File: BM037747.D
 Acq: 26 Nov 2022 23:36

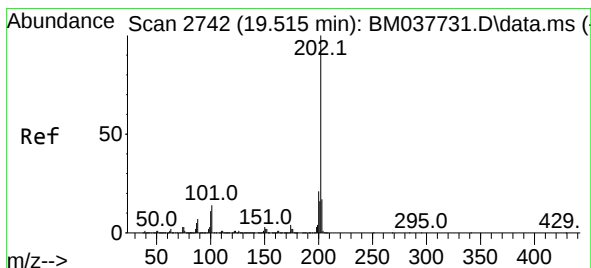
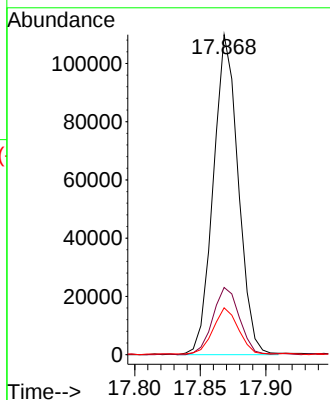
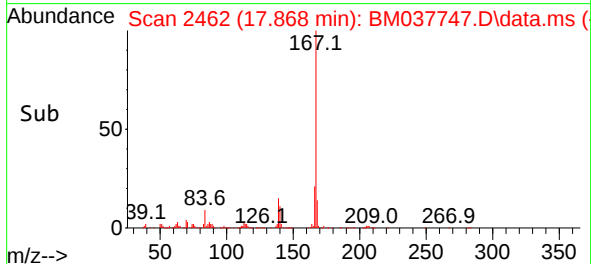
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 BNA_M
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 BHB41



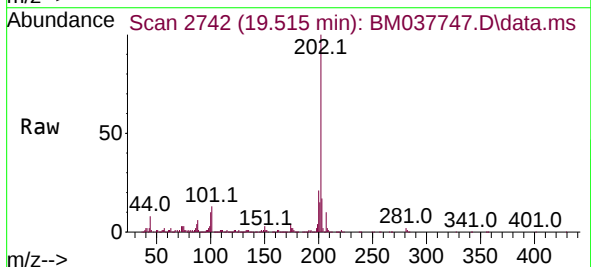
Tgt Ion:167 Resp: 145583
 Ion Ratio Lower Upper
 167 100
 166 21.0 17.5 26.3
 139 14.6 10.9 16.3

Manual Integrations
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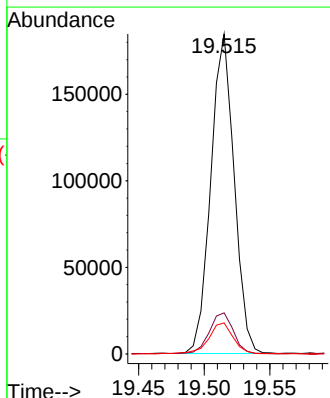
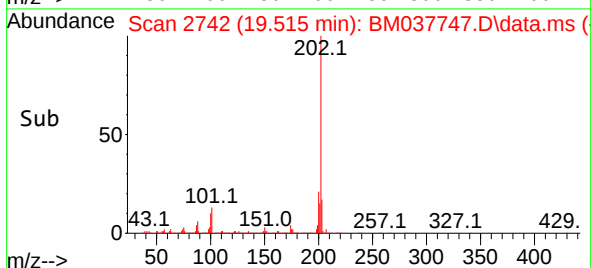
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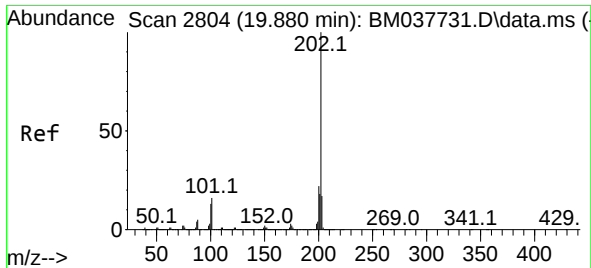


#80
 Fluoranthene
 Concen: 2.429 ng/ul
 RT: 19.515 min Scan# 2742
 Delta R.T. -0.006 min
 Lab File: BM037747.D
 Acq: 26 Nov 2022 23:36



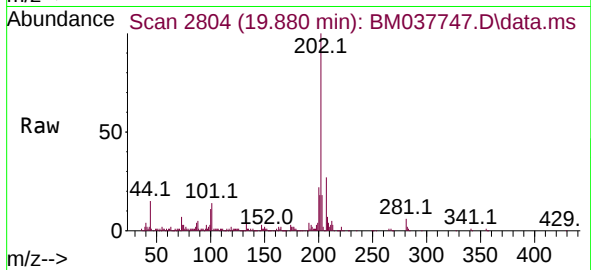
Tgt Ion:202 Resp: 229334
 Ion Ratio Lower Upper
 202 100
 101 12.9 10.6 16.0
 100 9.7 8.2 12.4





#82
 Pyrene
 Concen: 1.430 ng/ul
 RT: 19.880 min Scan# 2804
 Delta R.T. -0.006 min
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Tgt Ion: 202 Resp: 142605

Ion	Ratio	Lower	Upper
202	100		
101	13.6	12.2	18.4
100	11.4	10.2	15.2

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