

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041724\
 Data File : BM045348.D
 Acq On : 18 Apr 2024 10:39
 Operator : MA/JU
 Sample : P2079-01
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AK6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/19/2024
 Supervised By :mohammad ahmed 04/25/2024

Quant Time: Apr 18 11:12:35 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 17 12:42:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.569	152	49868	20.000	ng/u1	0.00
20) Naphthalene-d8	10.339	136	199368	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.222	164	123211	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.980	188	258609	20.000	ng/u1	0.00
79) Chrysene-d12	21.198	240	267147	20.000	ng/u1	0.00
88) Perylene-d12	23.392	264	344325	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	4655	3.486	ng/uL	0.00
4) Pyridine-d5	3.581	84	28268	7.784	ng/u1	0.01
7) Phenol-d5	6.763	99	18763	4.438	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.928	67	62945	24.991	ng/u1	0.00
11) 2-Chlorophenol-d4	7.104	132	66605	20.110	ng/u1	0.00
15) 4-Methylphenol-d8	8.281	113	39210	11.849	ng/u1	0.00
21) Nitrobenzene-d5	8.734	128	42436	27.711	ng/u1	0.00
24) 2-Nitrophenol-d4	9.440	143	43587	26.966	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.975	165	75865	25.599	ng/u1	0.00
31) 4-Chloroaniline-d4	10.498	131	76822	16.282	ng/u1	-0.01
46) Dimethylphthalate-d6	13.651	166	273488	31.879	ng/u1	0.00
49) Acenaphthylene-d8	13.910	160	306195	30.212	ng/u1	0.00
54) 4-Nitrophenol-d4	14.486	143	6917m	3.863	ng/u1	0.02
60) Fluorene-d10	15.222	176	237503	31.053	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.369	200	39315	25.640	ng/u1	-0.01
73) Anthracene-d10	17.080	188	368219	31.651	ng/u1	0.00
81) Pyrene-d10	19.392	212	439420	33.405	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.256	264	536502	31.940	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.387	128	120840	11.450	ng/u1	99
37) 1-Methylnaphthalene	12.233	142	9518	1.365	ng/u1	94
50) Acenaphthylene	13.939	152	12489	1.055	ng/u1#	85
52) Acenaphthene	14.292	153	1177170	149.039	ng/u1	98
61) Fluorene	15.280	166	322882	35.444	ng/u1	99
74) Anthracene	17.116	178	53162	3.734	ng/u1	98
77) Carbazole	17.398	167	95276	6.941	ng/u1	99
80) Fluoranthene	19.051	202	176273	11.362	ng/u1	98
82) Pyrene	19.421	202	98158	5.863	ng/u1	97

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

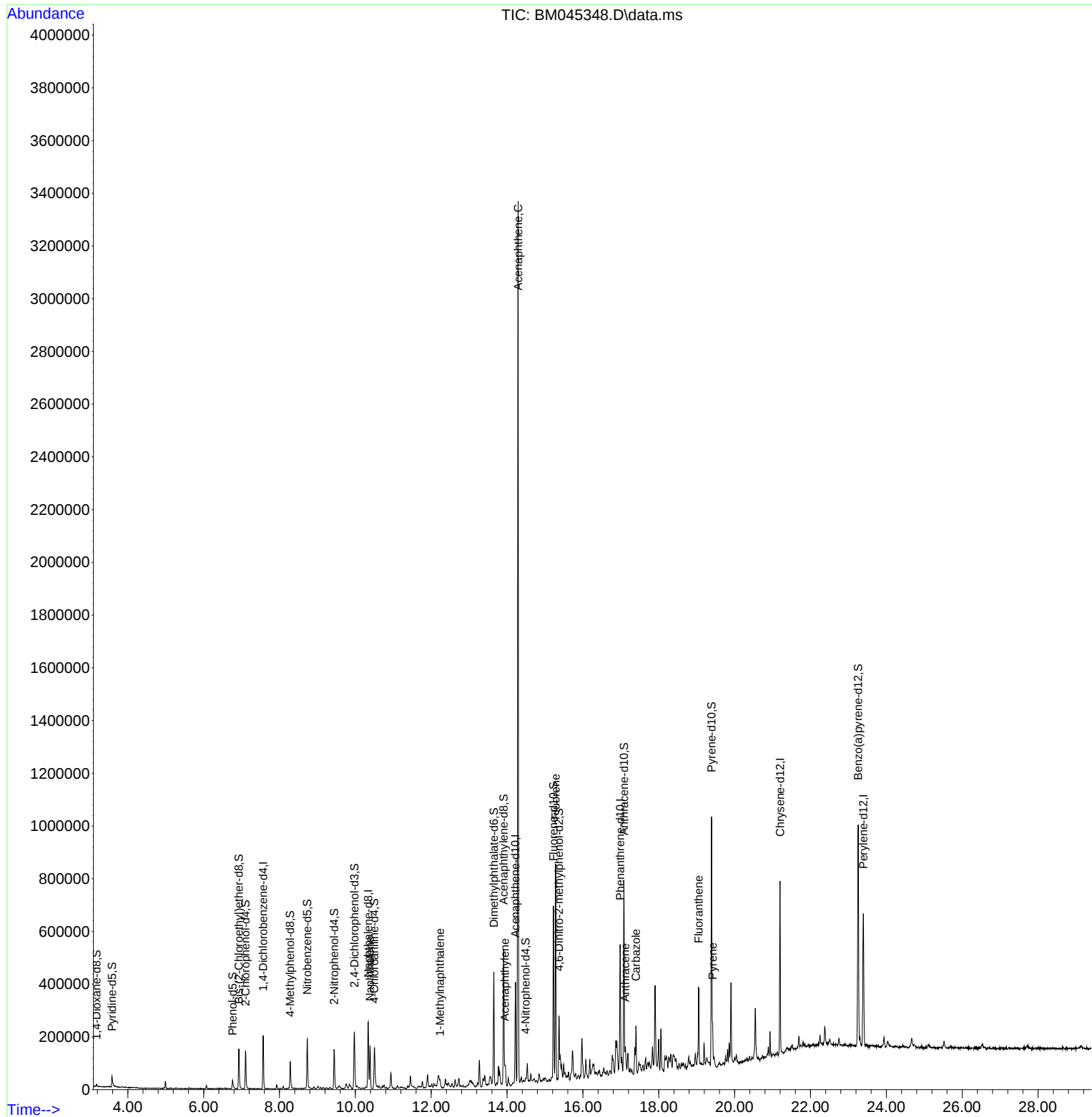
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041724\
Data File : BM045348.D
Acq On : 18 Apr 2024 10:39
Operator : MA/JU
Sample : P2079-01
Misc :
ALS Vial : 40 Sample Multiplier: 1

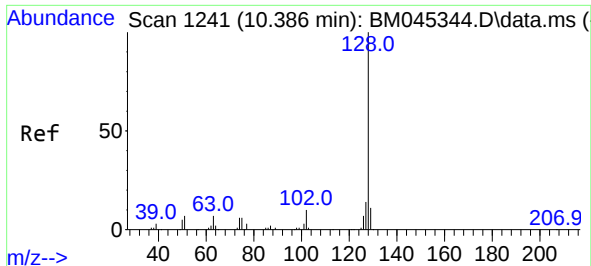
Instrument :
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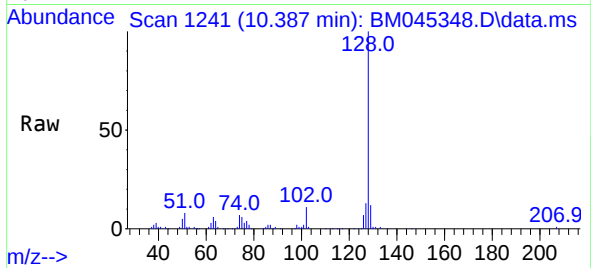
Quant Time: Apr 18 11:12:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 17 12:42:01 2024
Response via : Initial Calibration





#30
Naphthalene
Concen: 11.450 ng/ul
RT: 10.387 min Scan# 1241
Delta R.T. -0.006 min
Lab File: BM045348.D
Acq: 18 Apr 2024 10:39

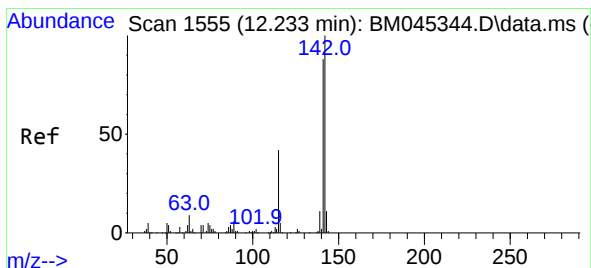
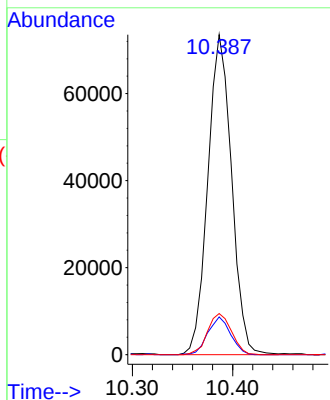
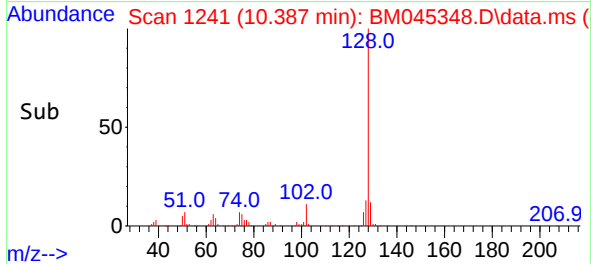
Instrument :
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ClientSampleId :
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Tgt Ion:128 Resp: 120840
Ion Ratio Lower Upper
128 100
129 11.8 8.5 12.7
127 12.8 10.2 15.4

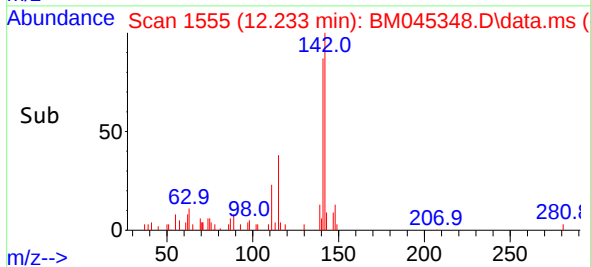
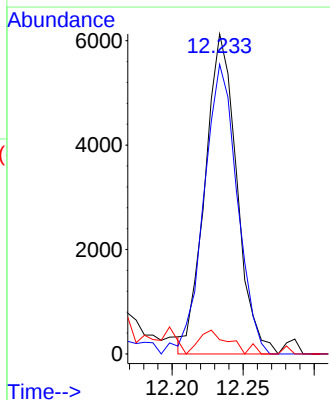
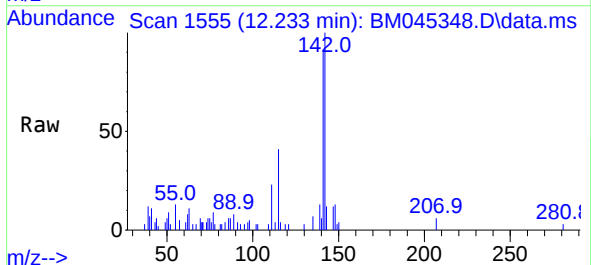
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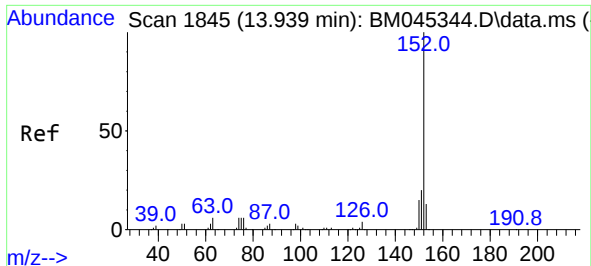
Reviewed By :Yogesh Patel 04/19/2024
Supervised By :mohammad ahmed 04/25/2024



#37
1-Methylnaphthalene
Concen: 1.365 ng/ul
RT: 12.233 min Scan# 1555
Delta R.T. -0.006 min
Lab File: BM045348.D
Acq: 18 Apr 2024 10:39

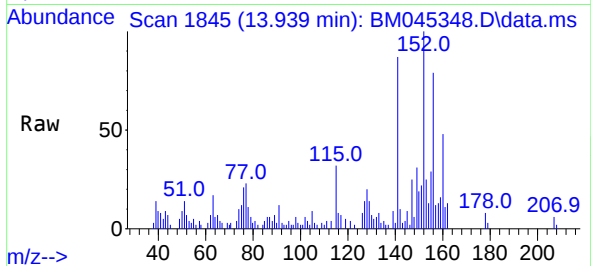
Tgt Ion:142 Resp: 9518
Ion Ratio Lower Upper
142 100
141 90.5 77.2 115.8
116 4.5 3.2 4.8





#50
Acenaphthylene
Concen: 1.055 ng/u1
RT: 13.939 min Scan# 1845
Delta R.T. -0.006 min
Lab File: BM045348.D
Acq: 18 Apr 2024 10:39

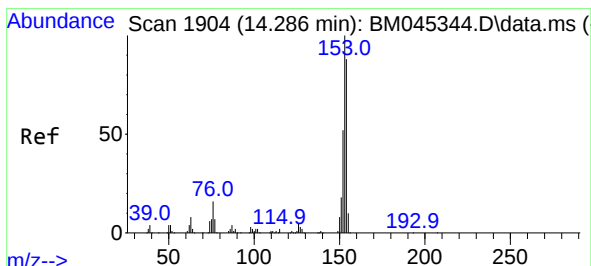
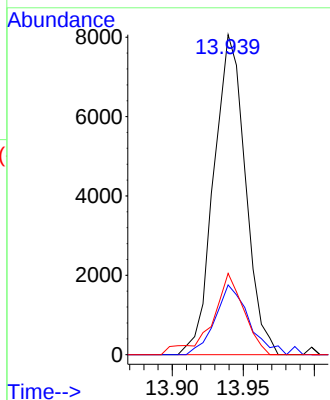
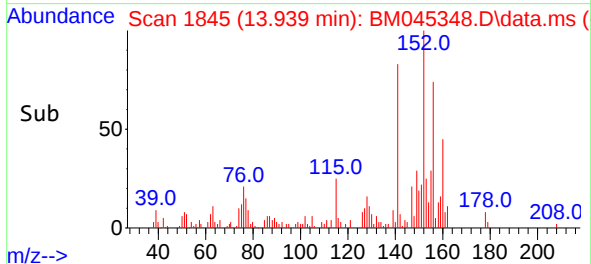
Instrument :
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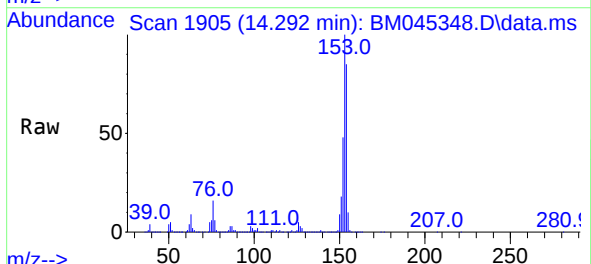
Tgt Ion:152 Resp: 12489
Ion Ratio Lower Upper
152 100
151 21.8 16.0 24.0
153 25.4 10.2 15.2

Manual Integrations
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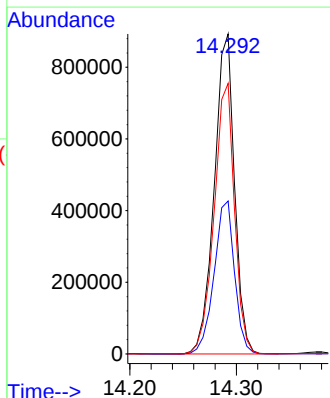
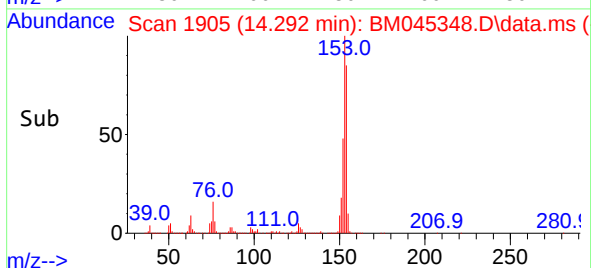
Reviewed By :Yogesh Patel 04/19/2024
Supervised By :mohammad ahmed 04/25/2024

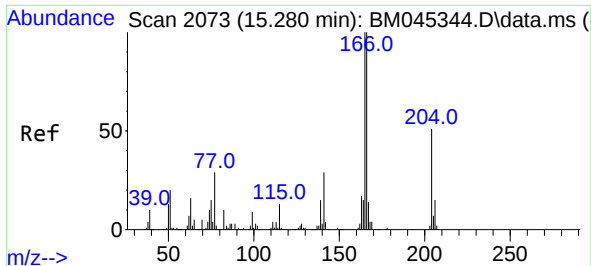


#52
Acenaphthene
Concen: 149.039 ng/u1
RT: 14.292 min Scan# 1905
Delta R.T. 0.000 min
Lab File: BM045348.D
Acq: 18 Apr 2024 10:39



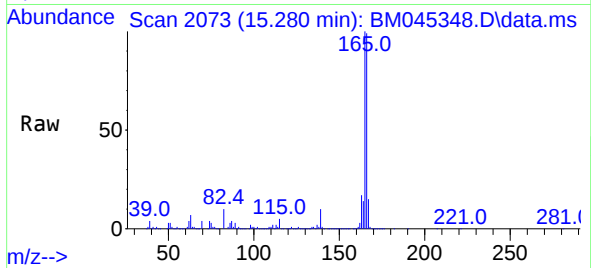
Tgt Ion:153 Resp: 1177170
Ion Ratio Lower Upper
153 100
152 47.8 38.6 58.0
154 84.6 69.4 104.2





#61
Fluorene
Concen: 35.444 ng/u1
RT: 15.280 min Scan# 2073
Delta R.T. -0.006 min
Lab File: BM045348.D
Acq: 18 Apr 2024 10:39

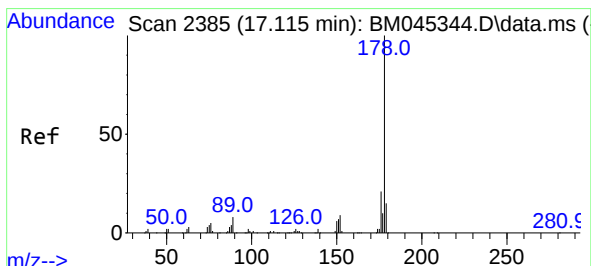
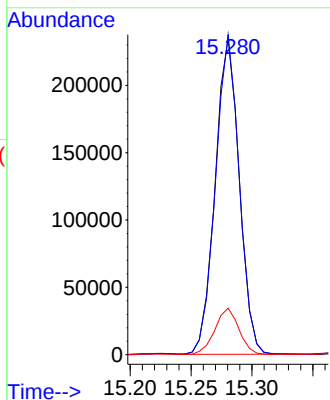
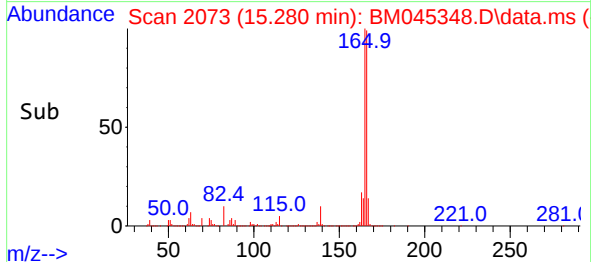
Instrument :
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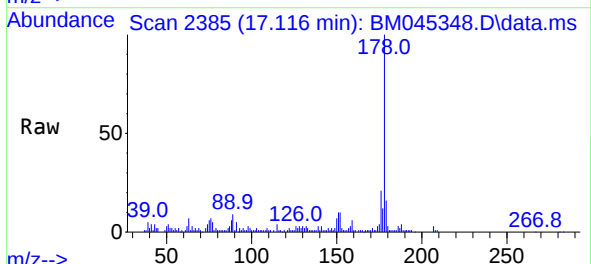
Tgt Ion:166 Resp: 32288
Ion Ratio Lower Upper
166 100
165 101.3 80.5 120.7
167 14.7 11.0 16.6

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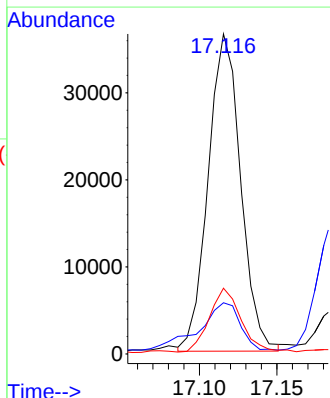
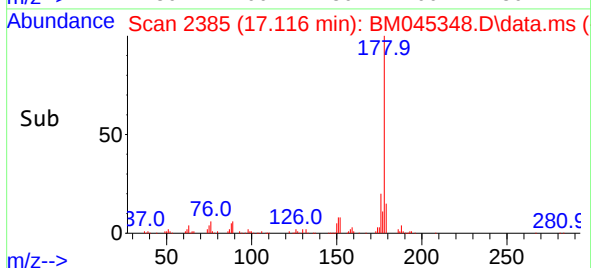
Reviewed By :Yogesh Patel 04/19/2024
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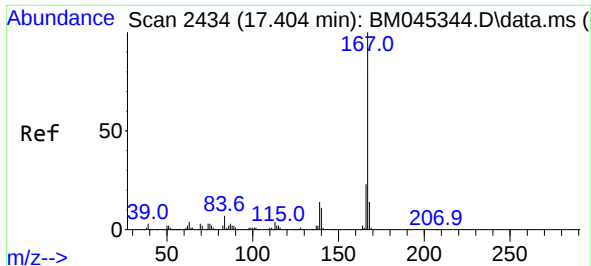


#74
Anthracene
Concen: 3.734 ng/u1
RT: 17.116 min Scan# 2385
Delta R.T. -0.006 min
Lab File: BM045348.D
Acq: 18 Apr 2024 10:39



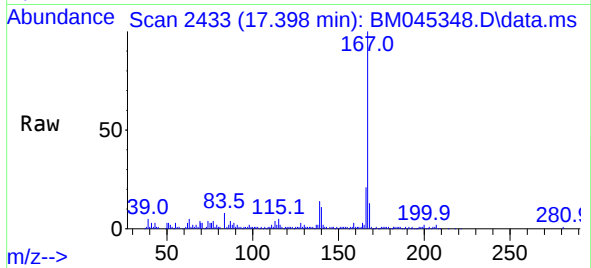
Tgt Ion:178 Resp: 53162
Ion Ratio Lower Upper
178 100
179 16.0 12.3 18.5
176 20.5 15.8 23.6





#77
Carbazole
Concen: 6.941 ng/ul
RT: 17.398 min Scan# 2434
Delta R.T. -0.012 min
Lab File: BM045348.D
Acq: 18 Apr 2024 10:39

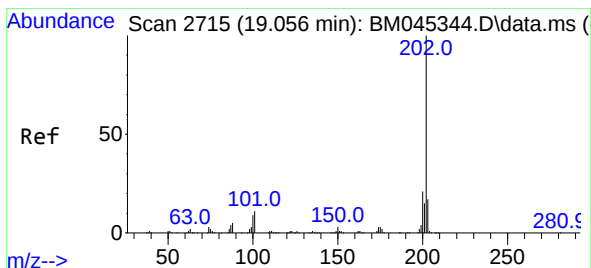
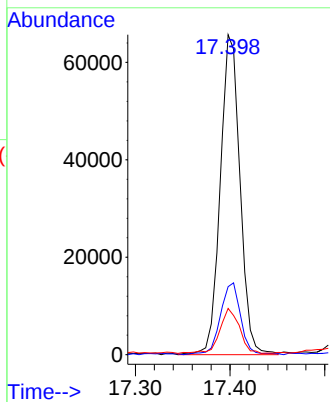
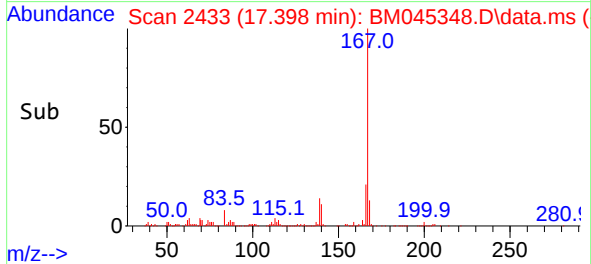
Instrument :
BNA_M
ClientSampleId :
C0AK6



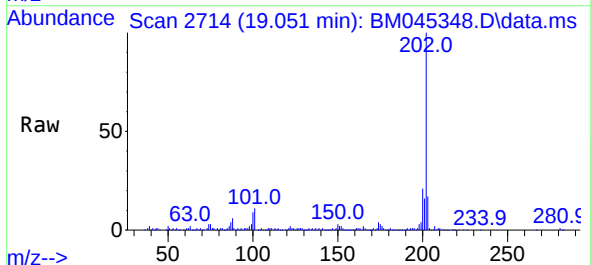
Tgt Ion:167 Resp: 95270
Ion Ratio Lower Upper
167 100
166 21.3 17.3 25.9
139 14.5 10.7 16.1

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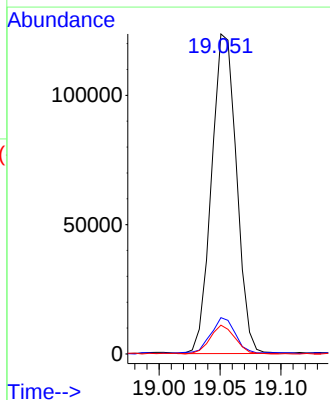
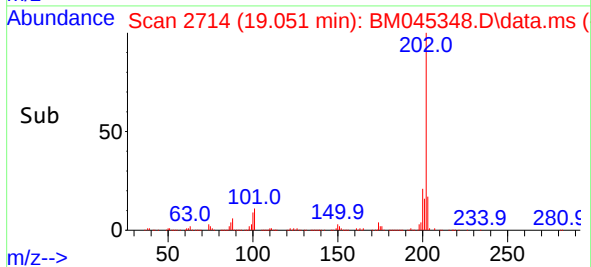
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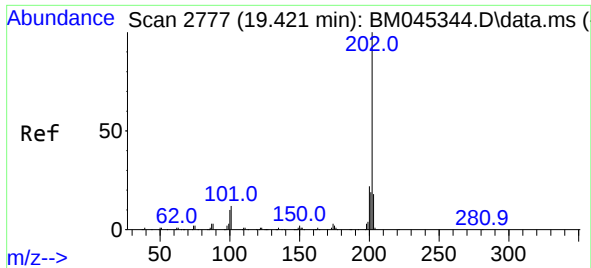


#80
Fluoranthene
Concen: 11.362 ng/ul
RT: 19.051 min Scan# 2714
Delta R.T. -0.012 min
Lab File: BM045348.D
Acq: 18 Apr 2024 10:39



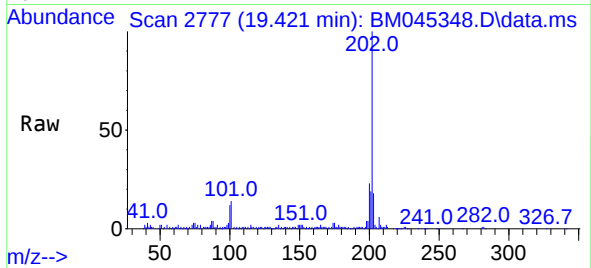
Tgt Ion:202 Resp: 176273
Ion Ratio Lower Upper
202 100
101 11.4 8.7 13.1
100 9.0 6.3 9.5





#82
 Pyrene
 Concen: 5.863 ng/ul
 RT: 19.421 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM045348.D
 Acq: 18 Apr 2024 10:39

Instrument :
 BNA_M
 ClientSampleId :
 C0AK6



Tgt Ion: 202 Resp: 98158

Ion	Ratio	Lower	Upper
202	100		
101	13.7	10.2	15.4
100	11.8	8.5	12.7

Manual Integrations
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