

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083021\
 Data File : BM031999.D
 Acq On : 31 Aug 2021 23:59
 Operator : CG/JU
 Sample : M3494-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 YAS54

Manual Integrations
 APPROVED

mohammad
 9/1/2021 4:03:41 PM

Quant Time: Sep 01 01:05:47 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 30 09:21:30 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.504	152	89074	20.000	ng/ul	0.00
20) Naphthalene-d8	10.339	136	385350	20.000	ng/ul	# 0.07
38) Acenaphthene-d10	14.145	164	296971	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.904	188	651971	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.109	240	671528	20.000	ng/ul	0.00
88) Perylene-d12	23.244	264	595114	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.128	96	9178	4.754	ng/uL	0.00
4) Pyridine-d5	3.546	84	16079m	2.933	ng/ul	0.02
7) Phenol-d5	6.704	99	45952	6.221	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.863	67	131209	30.702	ng/ul	0.00
11) 2-Chlorophenol-d4	7.045	132	140667	24.748	ng/ul	0.00
15) 4-Methylphenol-d8	8.216	113	93609	14.771	ng/ul	0.00
21) Nitrobenzene-d5	8.663	128	119825m	42.812	ng/ul	0.00
24) 2-Nitrophenol-d4	9.381	143	112150	33.858	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	9.928	165	196357	29.546	ng/ul	0.02
31) 4-Chloroaniline-d4	10.451	131	410994m	43.842	ng/ul	0.03
46) Dimethylphthalate-d6	13.574	166	825122	36.719	ng/ul	0.00
49) Acenaphthylene-d8	13.833	160	958746	36.027	ng/ul	0.00
54) 4-Nitrophenol-d4	14.392	143	26197	6.441	ng/ul	0.00
60) Fluorene-d10	15.151	176	742911	37.610	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.292	200	126640	28.269	ng/ul	0.00
73) Anthracene-d10	17.004	188	1258092	40.655	ng/ul	0.00
81) Pyrene-d10	19.303	212	1458953	46.384	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.115	264	1262251	40.357	ng/ul	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.345	128	69332671m	3594.012	ng/ul	
36) 2-Methylnaphthalene	11.969	142	12757733	838.753	ng/ul	97
37) 1-Methylnaphthalene	12.180	142	6554738	423.093	ng/ul	98
43) 1,1'-Biphenyl	12.974	154	1550504	74.225	ng/ul#	97
50) Acenaphthylene	13.863	152	29988	1.225	ng/ul#	52
52) Acenaphthene	14.221	153	5169371	290.671	ng/ul	97
56) Dibenzofuran	14.557	168	2992888	114.113	ng/ul	100
61) Fluorene	15.210	166	2147406	96.765	ng/ul	99
72) Phenanthrene	16.945	178	1714217	48.140	ng/ul	99
74) Anthracene	17.033	178	151586	4.160	ng/ul	98
77) Carbazole	17.333	167	6239265	187.064	ng/ul	98

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

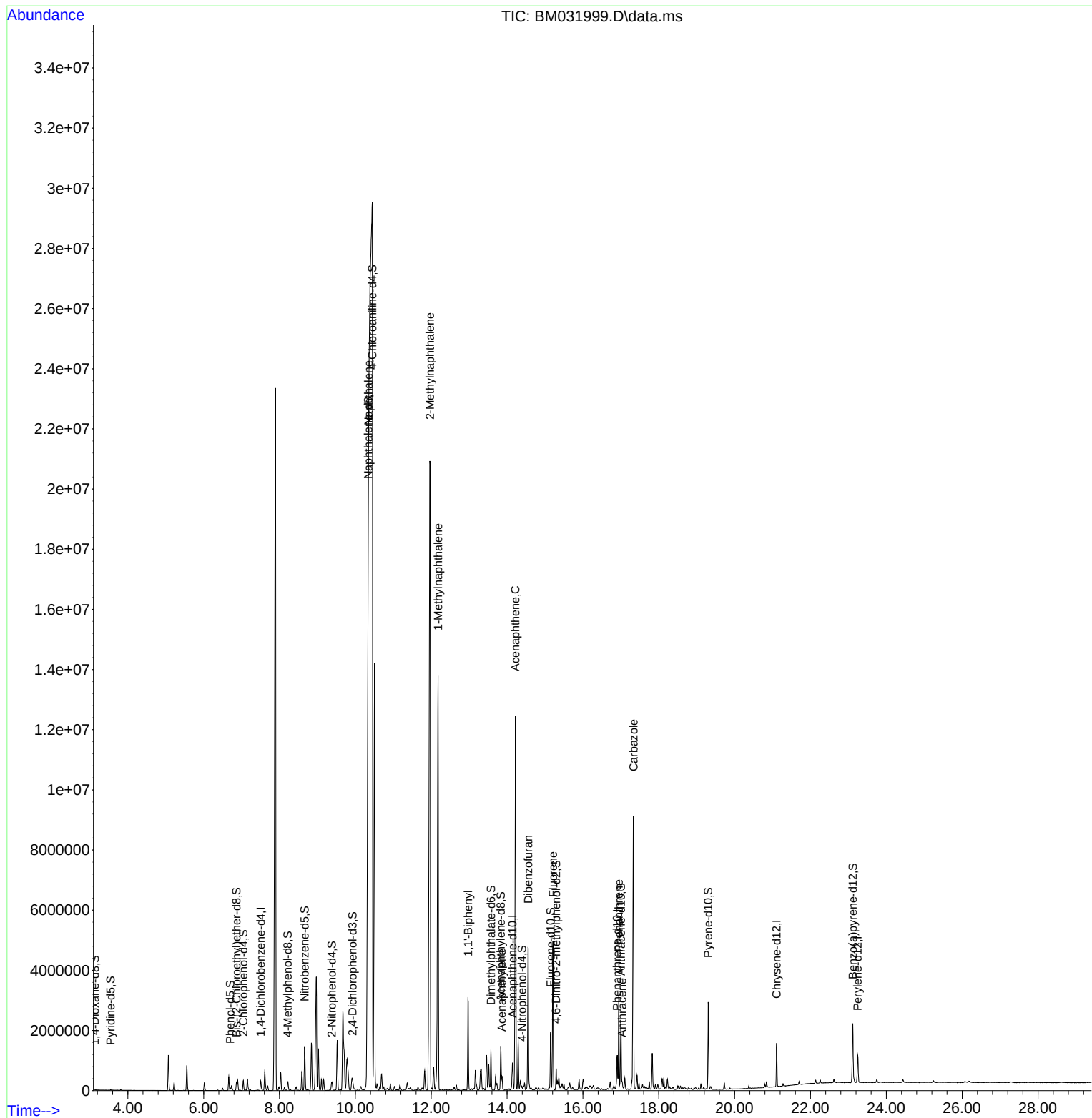
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083021\
Data File : BM031999.D
Acq On : 31 Aug 2021 23:59
Operator : CG/JU
Sample : M3494-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

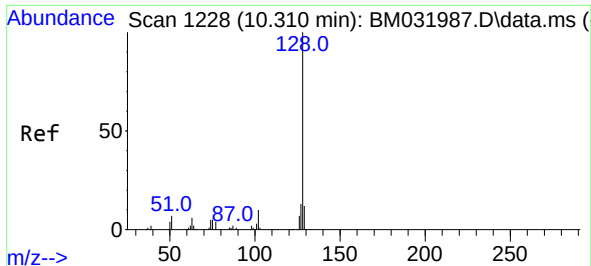
Instrument :
BNA_M
ClientSampleId :
YAS54

Manual Integrations
APPROVED

mohammad
9/1/2021 4:03:41 PM

Quant Time: Sep 01 01:05:47 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 30 09:21:30 2021
Response via : Initial Calibration





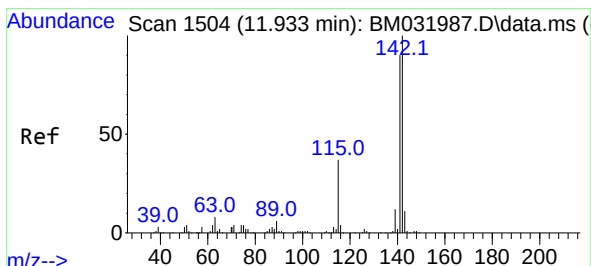
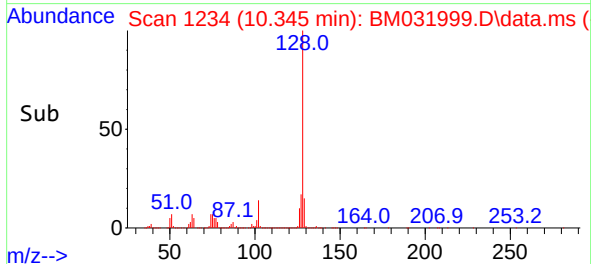
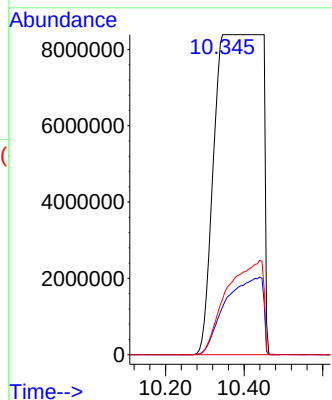
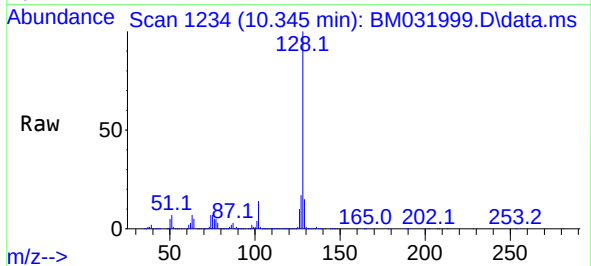
#30
Naphthalene
Concen: 3594.012 ng/ul m
RT: 10.345 min Scan# 1234
Delta R.T. 0.029 min
Lab File: BM031999.D
Acq: 31 Aug 2021 23:59

Tgt Ion:128 Resp:69332671
Ion Ratio Lower Upper
128 100
129 15.0 9.0 13.4#
127 17.4 10.6 15.8#

Instrument :
BNA_M
ClientSampled :
YAS54

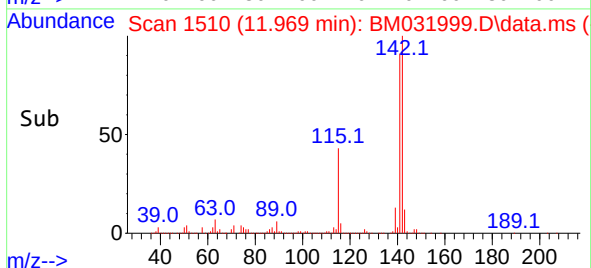
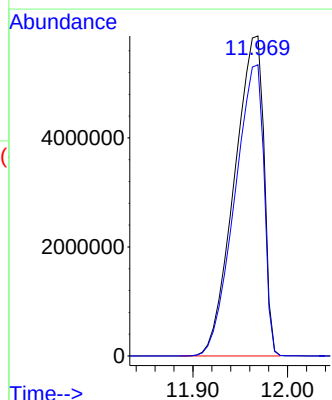
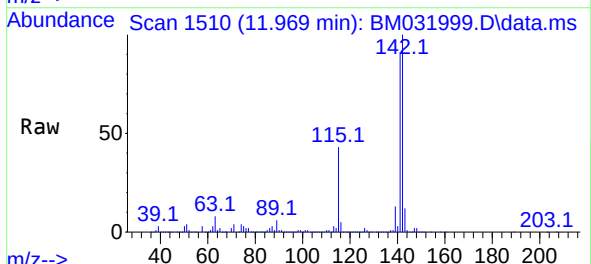
Manual Integrations
APPROVED

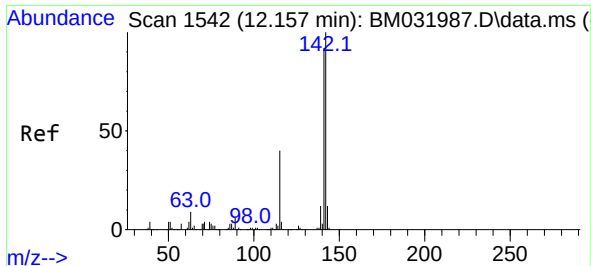
mohammad
9/1/2021 4:03:41 PM



#36
2-Methylnaphthalene
Concen: 838.753 ng/ul
RT: 11.969 min Scan# 1510
Delta R.T. 0.029 min
Lab File: BM031999.D
Acq: 31 Aug 2021 23:59

Tgt Ion:142 Resp:12757733
Ion Ratio Lower Upper
142 100
141 91.0 70.6 105.8





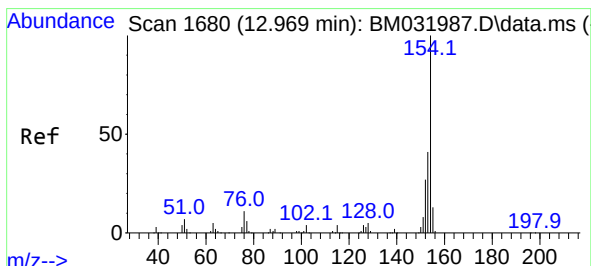
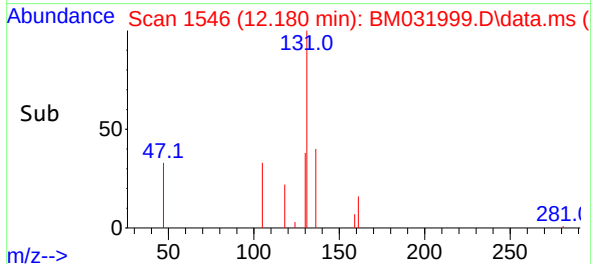
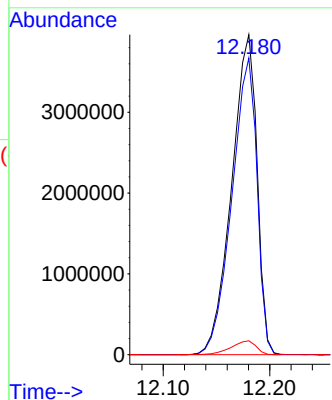
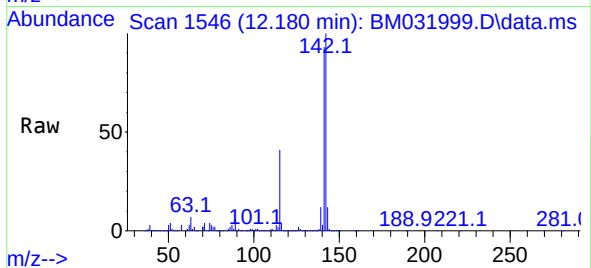
#37
1-Methylnaphthalene
Concen: 423.093 ng/ul
RT: 12.180 min Scan# 1546
Delta R.T. 0.018 min
Lab File: BM031999.D
Acq: 31 Aug 2021 23:59

Tgt Ion:142 Resp: 6554738
Ion Ratio Lower Upper
142 100
141 92.7 72.8 109.2
116 4.4 3.1 4.7

Instrument :
BNA_M
ClientSampled :
YAS54

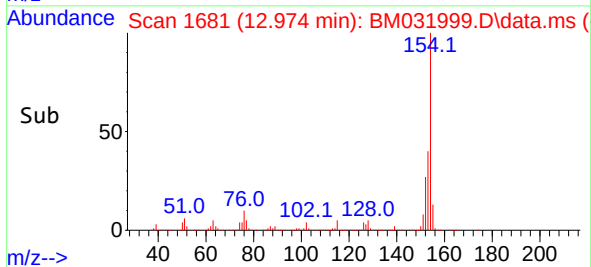
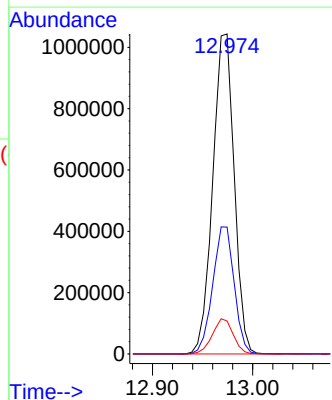
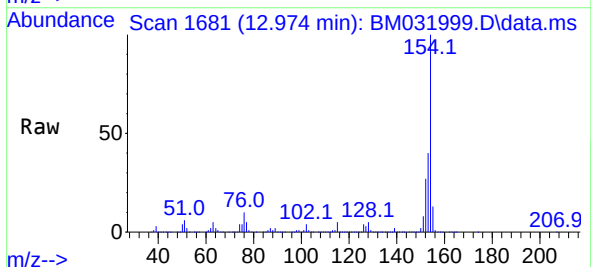
Manual Integrations
APPROVED

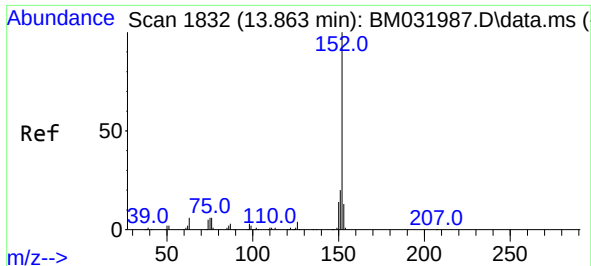
mohammad
9/1/2021 4:03:41 PM



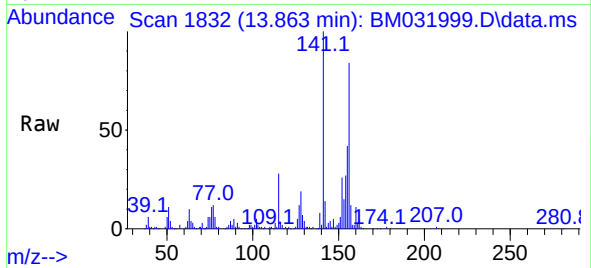
#43
1,1'-Biphenyl
Concen: 74.225 ng/ul
RT: 12.974 min Scan# 1681
Delta R.T. -0.000 min
Lab File: BM031999.D
Acq: 31 Aug 2021 23:59

Tgt Ion:154 Resp: 1550504
Ion Ratio Lower Upper
154 100
153 39.7 32.3 48.5
76 10.3 10.6 15.8#

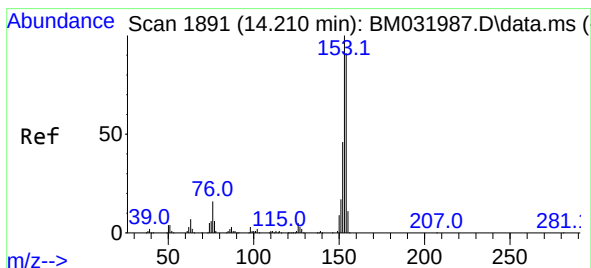
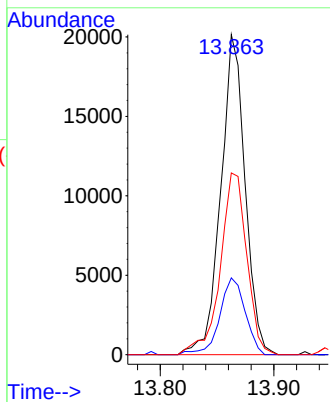
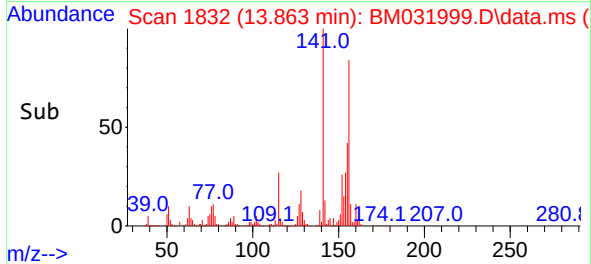




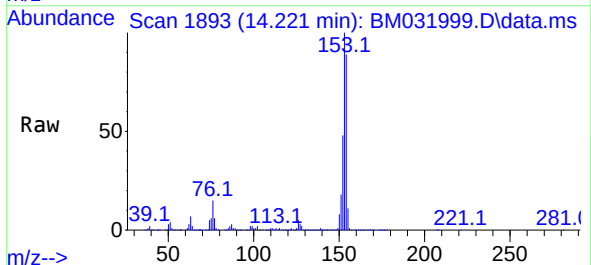
#50
Acenaphthylene
Concen: 1.225 ng/ul
RT: 13.863 min Scan# 1832
Delta R.T. -0.006 min
Lab File: BM031999.D
Acq: 31 Aug 2021 23:59



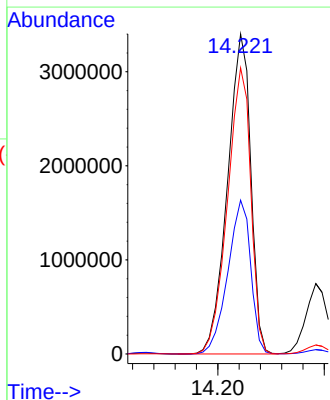
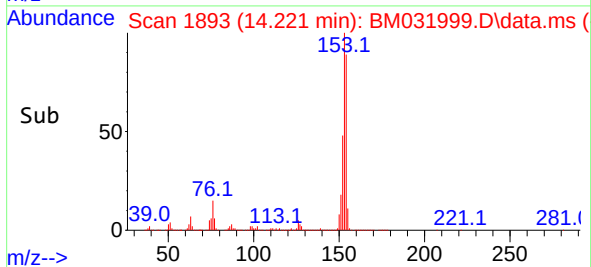
Tgt Ion:152 Resp: 29988
Ion Ratio Lower Upper
152 100
151 24.0 16.2 24.2
153 56.8 10.2 15.4#



#52
Acenaphthene
Concen: 290.671 ng/ul
RT: 14.221 min Scan# 1893
Delta R.T. 0.006 min
Lab File: BM031999.D
Acq: 31 Aug 2021 23:59



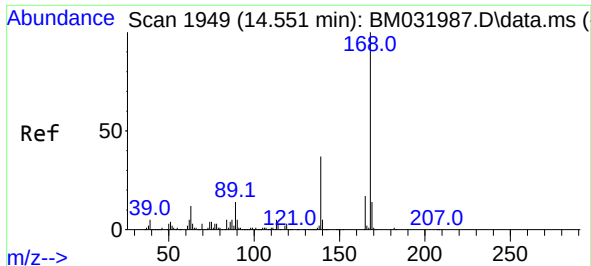
Tgt Ion:153 Resp: 5169371
Ion Ratio Lower Upper
153 100
152 48.1 37.4 56.2
154 89.4 69.4 104.0



Instrument :
BNA_M
ClientSampleId :
YAS54

Manual Integrations
APPROVED

mohammad
9/1/2021 4:03:41 PM



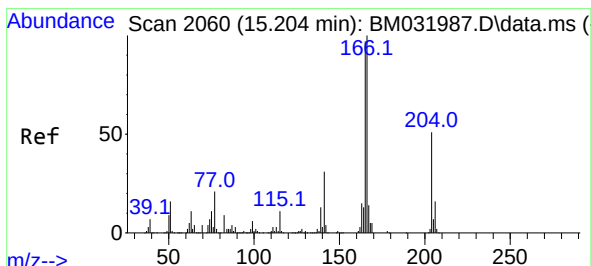
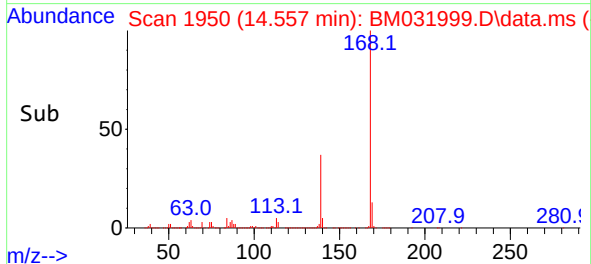
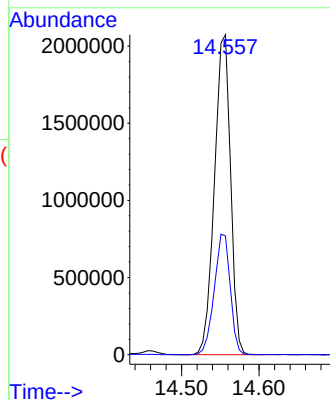
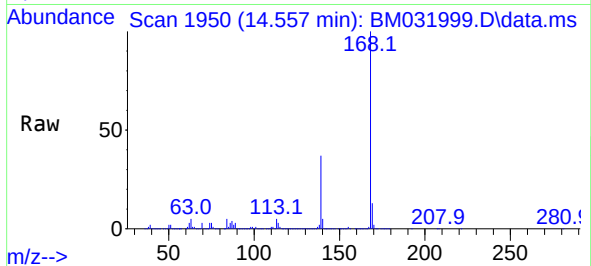
#56
Dibenzofuran
Concen: 114.113 ng/u1
RT: 14.557 min Scan# 1950
Delta R.T. -0.000 min
Lab File: BM031999.D
Acq: 31 Aug 2021 23:59

Tgt Ion:168 Resp: 2992888
Ion Ratio Lower Upper
168 100
139 37.1 29.5 44.3

Instrument :
BNA_M
ClientSampled :
YAS54

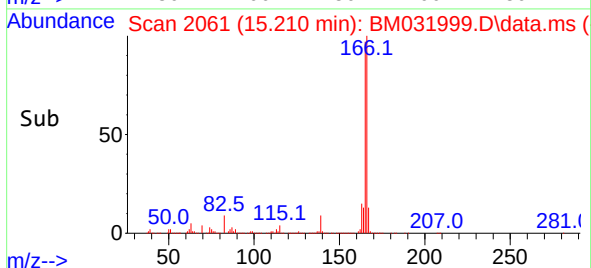
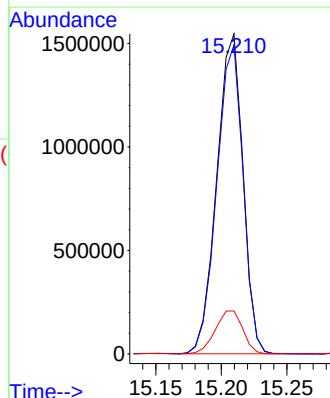
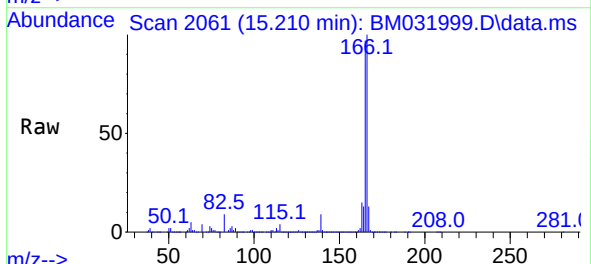
Manual Integrations
APPROVED

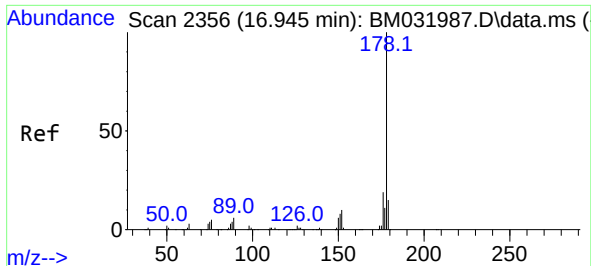
mohammad
9/1/2021 4:03:41 PM



#61
Fluorene
Concen: 96.765 ng/u1
RT: 15.210 min Scan# 2061
Delta R.T. -0.000 min
Lab File: BM031999.D
Acq: 31 Aug 2021 23:59

Tgt Ion:166 Resp: 2147406
Ion Ratio Lower Upper
166 100
165 96.6 78.4 117.6
167 13.5 10.6 15.8





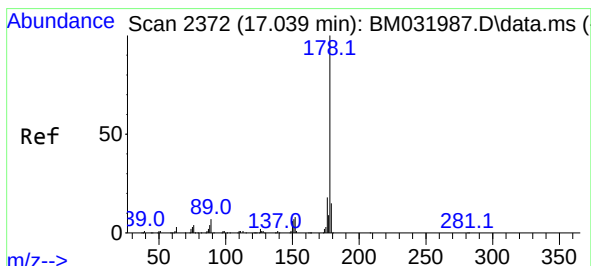
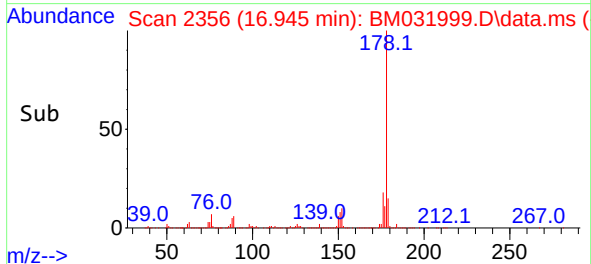
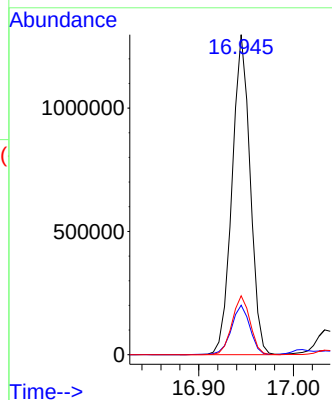
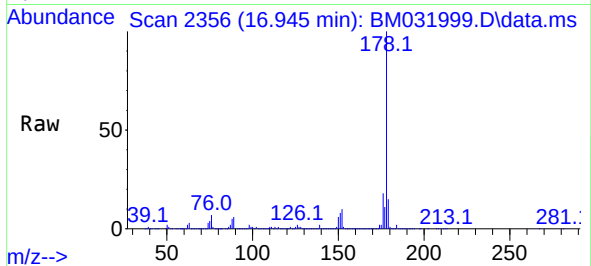
#72
Phenanthrene
Concen: 48.140 ng/u1
RT: 16.945 min Scan# 2356
Delta R.T. -0.006 min
Lab File: BM031999.D
Acq: 31 Aug 2021 23:59

Tgt Ion:178 Resp: 1714217
Ion Ratio Lower Upper
178 100
179 15.4 12.1 18.1
176 18.4 15.2 22.8

Instrument :
BNA_M
ClientSampled :
YAS54

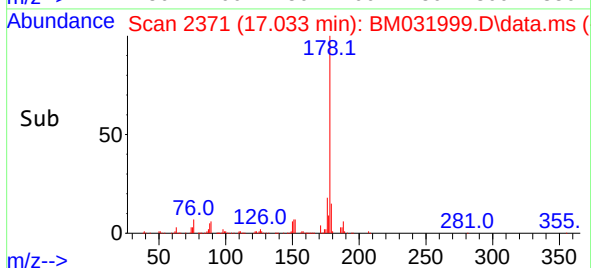
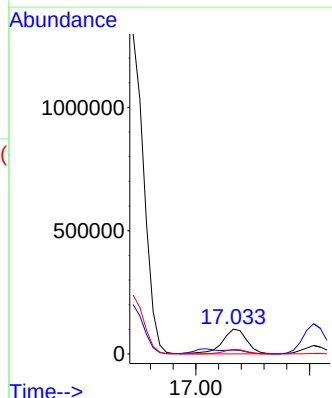
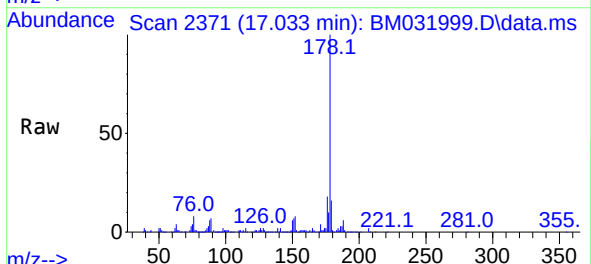
Manual Integrations
APPROVED

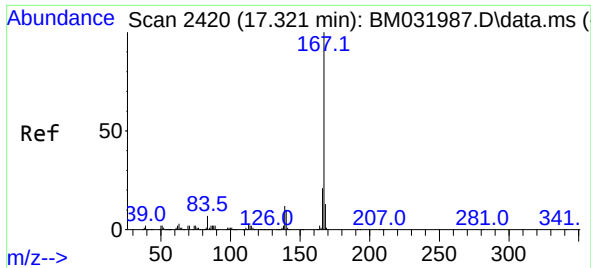
mohammad
9/1/2021 4:03:41 PM



#74
Anthracene
Concen: 4.160 ng/u1
RT: 17.033 min Scan# 2371
Delta R.T. -0.006 min
Lab File: BM031999.D
Acq: 31 Aug 2021 23:59

Tgt Ion:178 Resp: 151586
Ion Ratio Lower Upper
178 100
179 15.8 12.1 18.1
176 18.0 15.2 22.8





#77
 Carbazole
 Concen: 187.064 ng/ul
 RT: 17.333 min Scan# 2422
 Delta R.T. 0.012 min
 Lab File: BM031999.D
 Acq: 31 Aug 2021 23:59

Tgt Ion:167 Resp: 6239265
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.0 25.6
 139 13.3 9.9 14.9

Instrument :
 BNA_M
 ClientSampleId :
 YAS54

Manual Integrations
 APPROVED

mohammad
 9/1/2021 4:03:41 PM

