

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083021\
 Data File : BM031967.D
 Acq On : 31 Aug 2021 01:56
 Operator : CG/JU
 Sample : M3422-22
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBKE1

Manual Integrations
 APPROVED

mohammad
 8/31/2021 11:37:36 AM

Quant Time: Aug 31 03:41:10 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	7.510	152	80205	20.000	ng/ul	0.00
20) Naphthalene-d8	10.269	136	345409	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.145	164	262388	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.904	188	610496	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.109	240	676045	20.000	ng/ul	# 0.00
88) Perylene-d12	23.244	264	677818	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.134	96	8640m	4.970	ng/uL	0.00
4) Pyridine-d5	3.534	84	50398	10.210	ng/ul	0.01
7) Phenol-d5	6.704	99	37385	5.621	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.863	67	112964	29.356	ng/ul	0.00
11) 2-Chlorophenol-d4	7.045	132	120283	23.502	ng/ul	0.00
15) 4-Methylphenol-d8	8.222	113	81562	14.294	ng/ul	0.00
21) Nitrobenzene-d5	8.663	128	83862	33.427	ng/ul	0.00
24) 2-Nitrophenol-d4	9.369	143	95703	32.233	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.898	165	170972	28.701	ng/ul	0.00
31) 4-Chloroaniline-d4	10.422	131	218871	26.047	ng/ul	0.00
46) Dimethylphthalate-d6	13.574	166	763259	38.443	ng/ul	0.00
49) Acenaphthylene-d8	13.839	160	836840	35.590	ng/ul	0.00
54) 4-Nitrophenol-d4	14.398	143	21892	6.092	ng/ul	0.01
60) Fluorene-d10	15.151	176	672656	38.541	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.298	200	139294	33.206	ng/ul	0.00
73) Anthracene-d10	17.004	188	1210744	41.783	ng/ul	0.00
81) Pyrene-d10	19.309	212	1422871	44.935	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.115	264	1508568	42.348	ng/ul	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.322	128	3800190	219.770	ng/ul	100
36) 2-Methylnaphthalene	11.933	142	13806	1.013	ng/ul	99
37) 1-Methylnaphthalene	12.157	142	684855	49.317	ng/ul	97
43) 1,1'-Biphenyl	12.974	154	285599	15.474	ng/ul	98
50) Acenaphthylene	13.863	152	131228	6.065	ng/ul#	97
52) Acenaphthene	14.216	153	1158838	73.749	ng/ul	98
56) Dibenzofuran	14.551	168	1035882	44.702	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.792	232	25425	5.169	ng/ul#	95
61) Fluorene	15.210	166	889170	45.348	ng/ul	100
71) Pentachlorophenol	16.562	266	315769	66.478	ng/ul	99
72) Phenanthrene	16.951	178	1348612	40.446	ng/ul	99
74) Anthracene	17.039	178	138632	4.063	ng/ul	99
77) Carbazole	17.321	167	2035294	65.167	ng/ul	99
80) Fluoranthene	18.974	202	111125	2.888	ng/ul#	92
82) Pyrene	19.339	202	56902	1.397	ng/ul	97

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

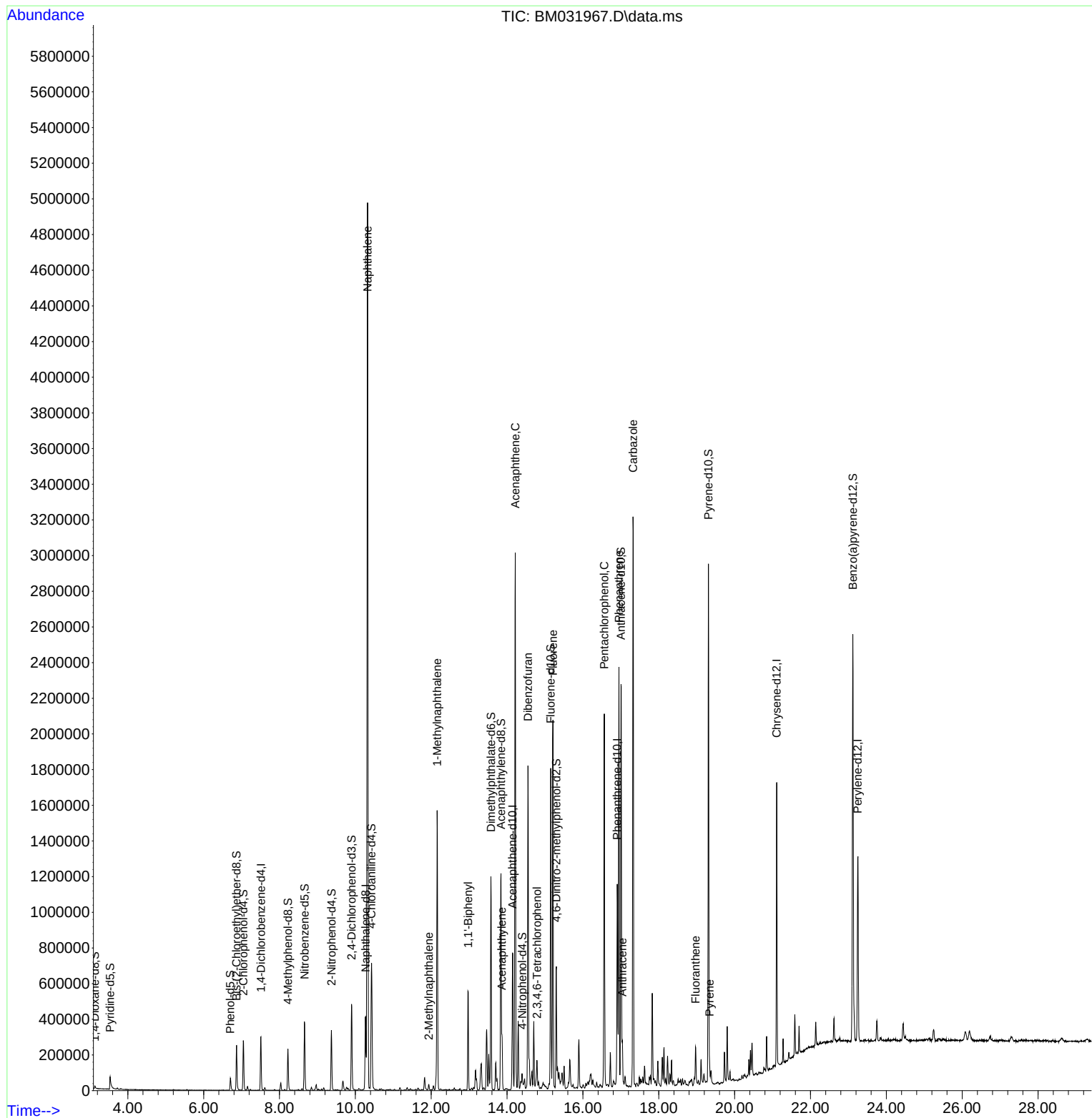
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Data File : BM031967.D
Acq On : 31 Aug 2021 01:56
Operator : CG/JU
Sample : M3422-22
Misc :
ALS Vial : 27 Sample Multiplier: 1

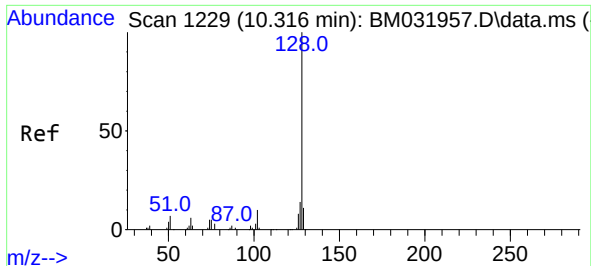
Instrument :
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Quant Time: Aug 31 03:41:10 2021
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Quant Title : SVOA CALIBRATION
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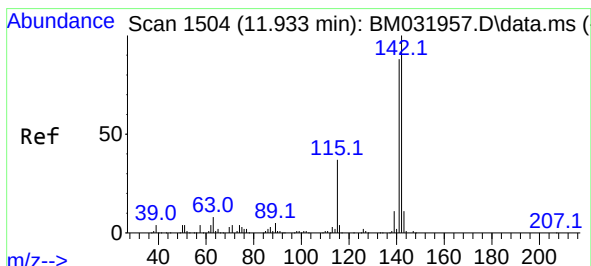
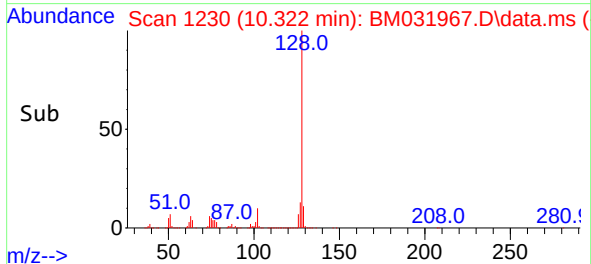
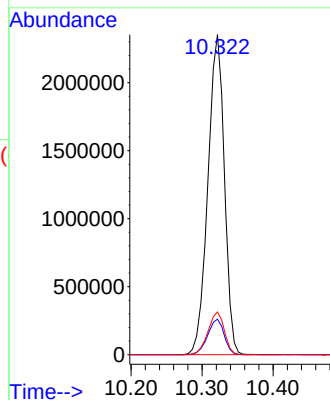
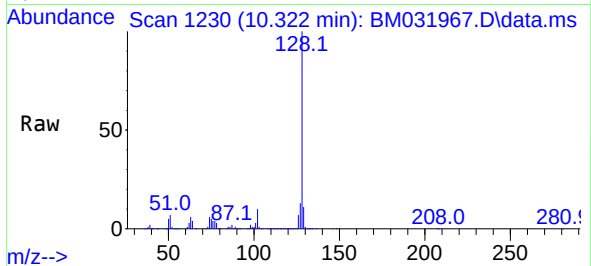
#30
Naphthalene
Concen: 219.770 ng/ul
RT: 10.322 min Scan# 1230
Delta R.T. 0.006 min
Lab File: BM031967.D
Acq: 31 Aug 2021 01:56

Tgt Ion:128 Resp: 3800190
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.4
127 13.4 10.6 15.8

Instrument :
BNA_M
ClientSampleId :
DBKE1

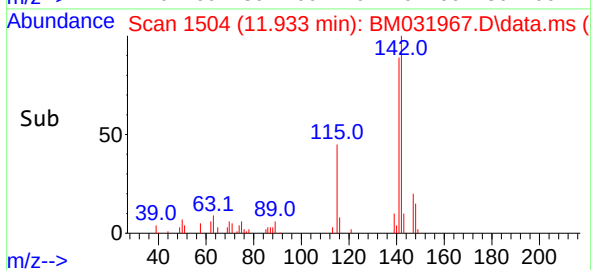
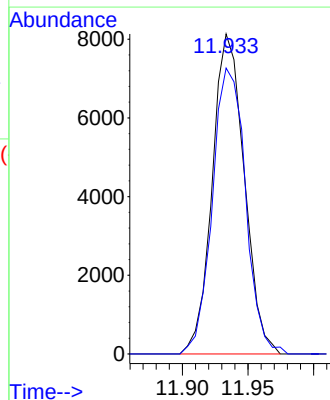
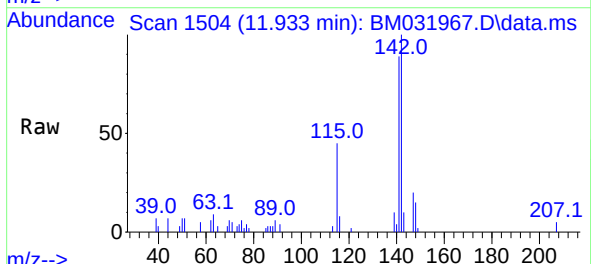
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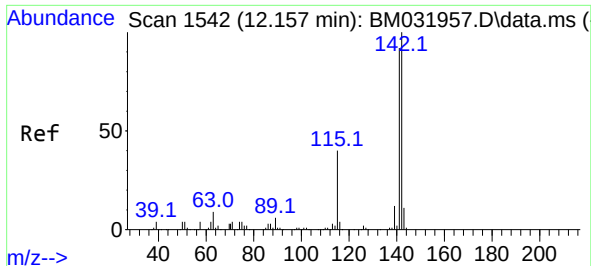
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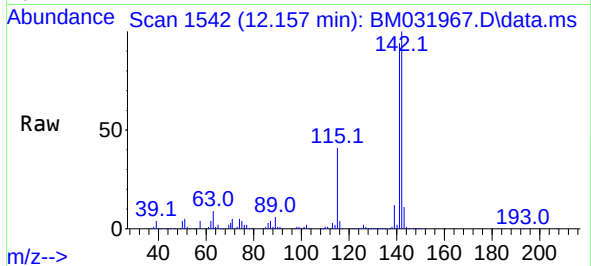
#36
2-Methylnaphthalene
Concen: 1.013 ng/ul
RT: 11.933 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BM031967.D
Acq: 31 Aug 2021 01:56

Tgt Ion:142 Resp: 13806
Ion Ratio Lower Upper
142 100
141 89.4 70.6 105.8

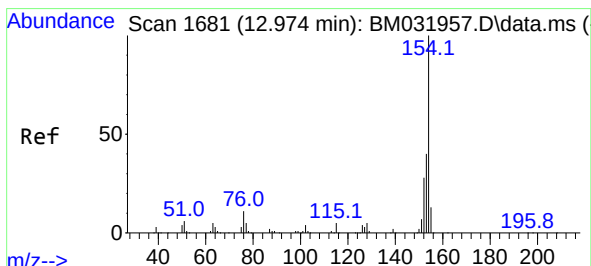
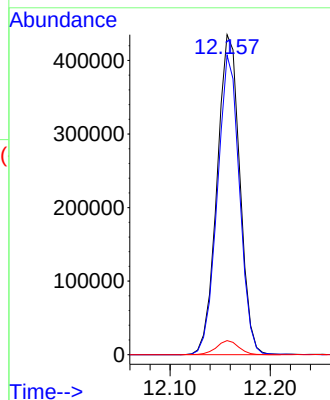
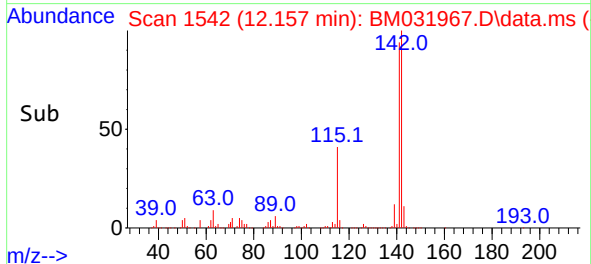




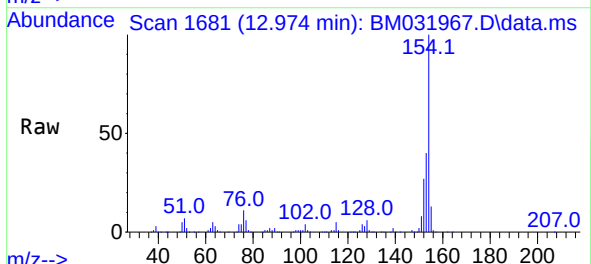
#37
1-Methylnaphthalene
Concen: 49.317 ng/ul
RT: 12.157 min Scan# 1542
Delta R.T. -0.006 min
Lab File: BM031967.D
Acq: 31 Aug 2021 01:56



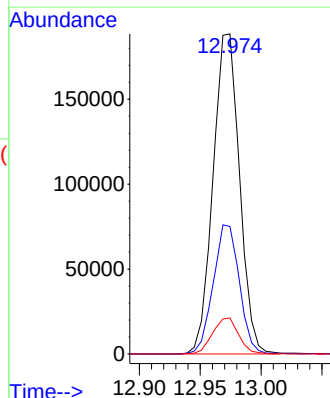
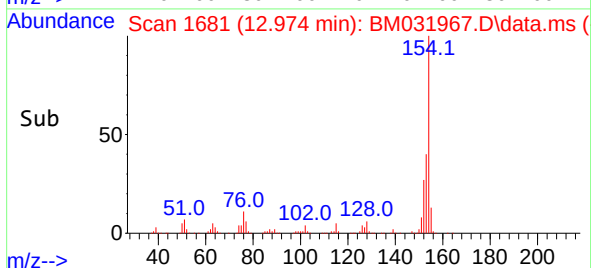
Tgt Ion:142 Resp: 684855
Ion Ratio Lower Upper
142 100
141 93.5 72.8 109.2
116 4.4 3.1 4.7



#43
1,1'-Biphenyl
Concen: 15.474 ng/ul
RT: 12.974 min Scan# 1681
Delta R.T. -0.000 min
Lab File: BM031967.D
Acq: 31 Aug 2021 01:56



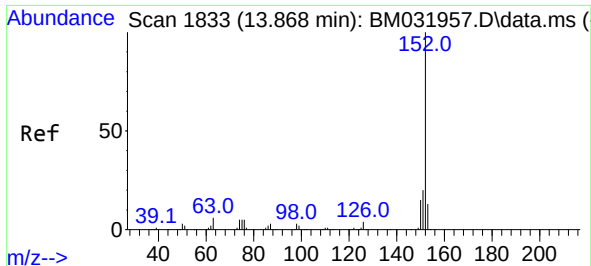
Tgt Ion:154 Resp: 285599
Ion Ratio Lower Upper
154 100
153 39.8 32.3 48.5
76 11.2 10.6 15.8



Instrument :
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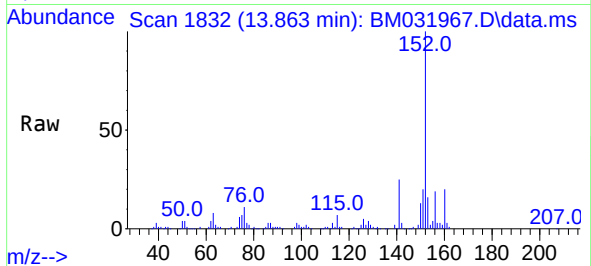
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#50
Acenaphthylene
Concen: 6.065 ng/u1
RT: 13.863 min Scan# 1832
Delta R.T. -0.006 min
Lab File: BM031967.D
Acq: 31 Aug 2021 01:56

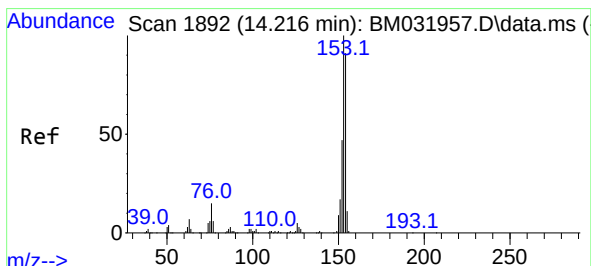
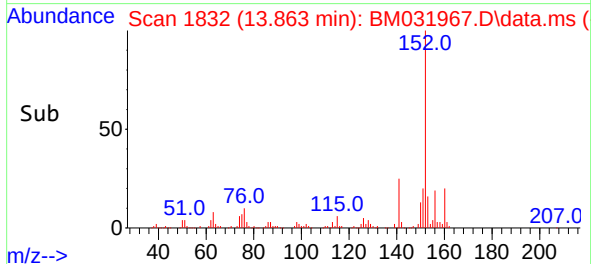
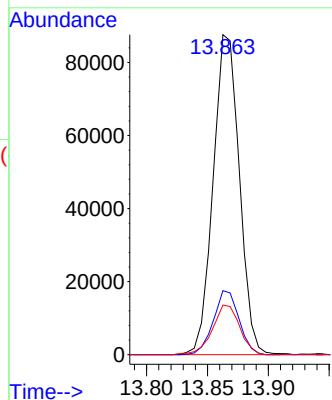
Instrument :
BNA_M
ClientSampleId :
DBKE1



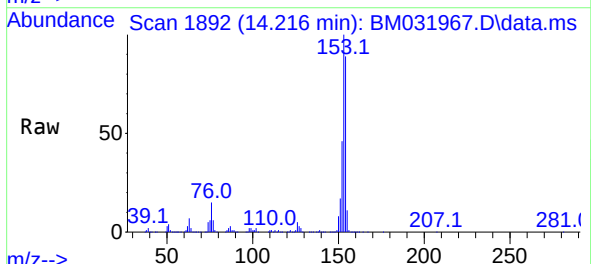
Tgt Ion:152 Resp: 131228
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.2
153 15.5 10.2 15.4#

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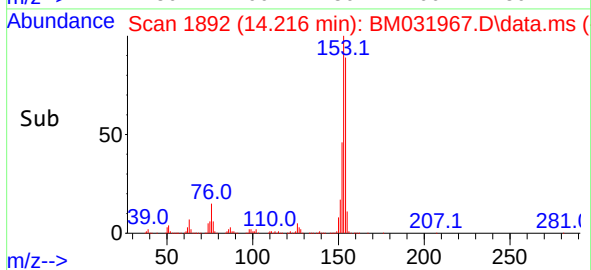
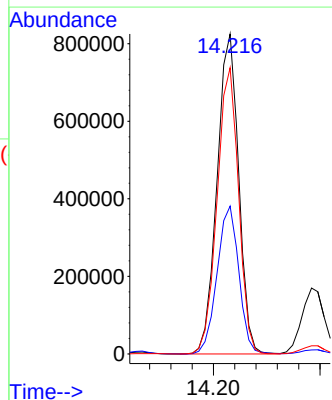
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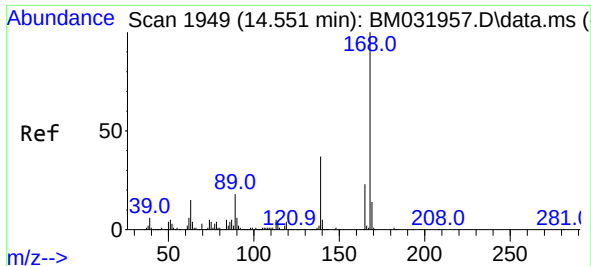


#52
Acenaphthene
Concen: 73.749 ng/u1
RT: 14.216 min Scan# 1892
Delta R.T. -0.000 min
Lab File: BM031967.D
Acq: 31 Aug 2021 01:56



Tgt Ion:153 Resp: 1158838
Ion Ratio Lower Upper
153 100
152 46.2 37.4 56.2
154 89.4 69.4 104.0





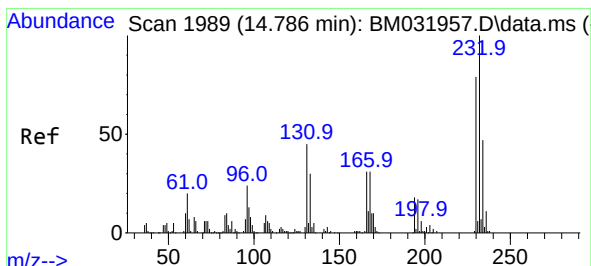
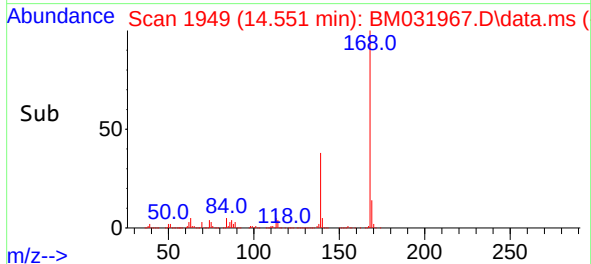
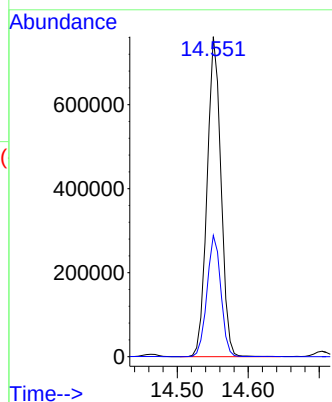
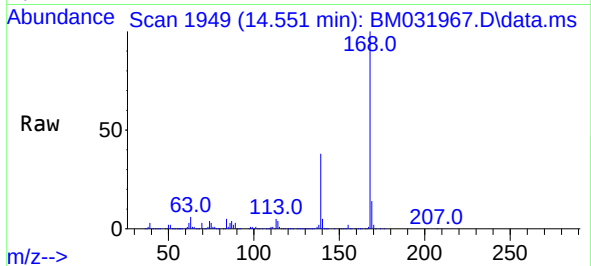
#56
Dibenzofuran
Concen: 44.702 ng/ul
RT: 14.551 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BM031967.D
Acq: 31 Aug 2021 01:56

Instrument :
BNA_M
ClientSampleId :
DBKE1

Tgt Ion:168 Resp: 1035882
Ion Ratio Lower Upper
168 100
139 37.9 29.5 44.3

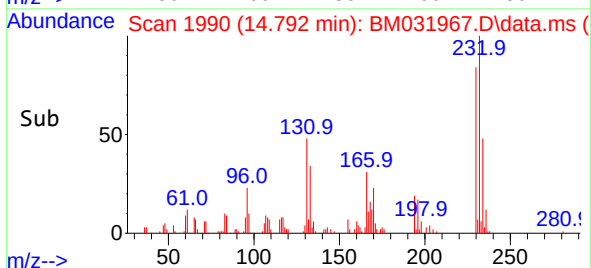
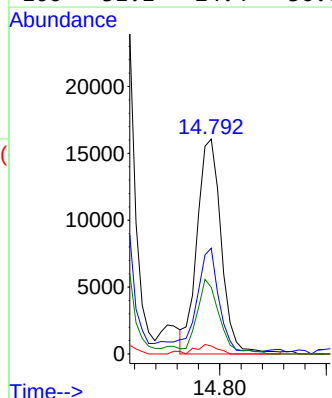
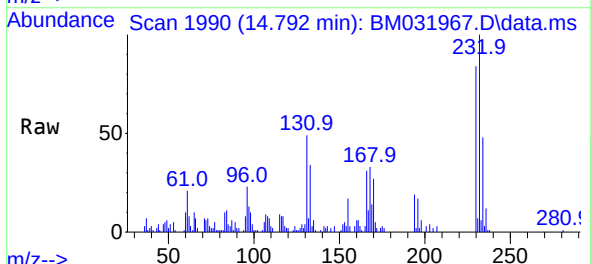
Manual Integrations
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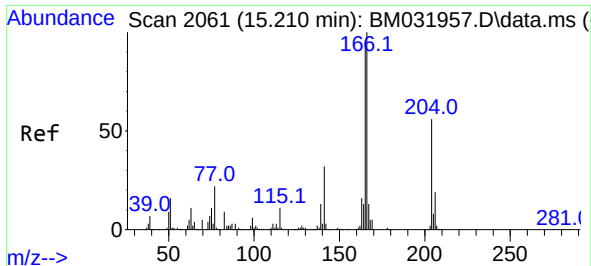
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#58
2,3,4,6-Tetrachlorophenol
Concen: 5.169 ng/ul
RT: 14.792 min Scan# 1990
Delta R.T. 0.006 min
Lab File: BM031967.D
Acq: 31 Aug 2021 01:56

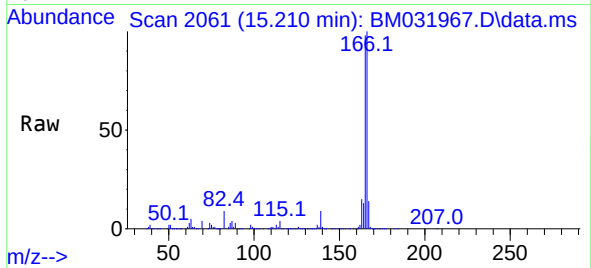
Tgt Ion:232 Resp: 25425
Ion Ratio Lower Upper
232 100
131 49.2 35.0 52.6
130 3.8 1.7 2.5#
166 31.1 24.4 36.6



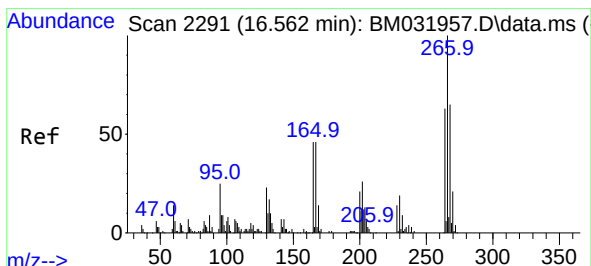
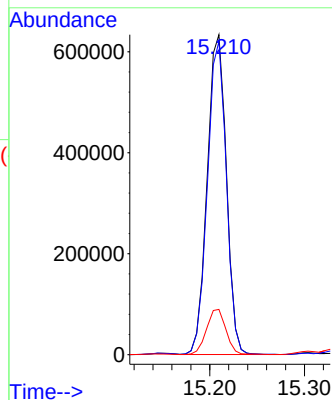
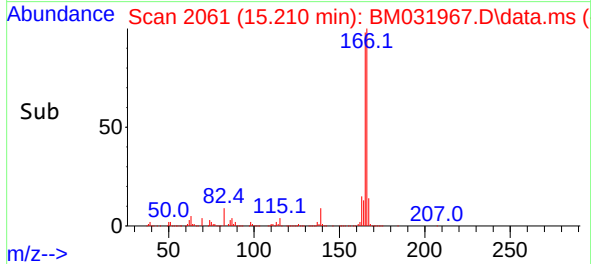


#61
Fluorene
Concen: 45.348 ng/ul
RT: 15.210 min Scan# 2061
Delta R.T. -0.000 min
Lab File: BM031967.D
Acq: 31 Aug 2021 01:56

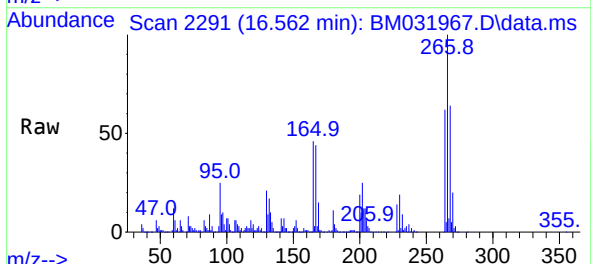
Instrument :
BNA_M
ClientSampled :
DBKE1



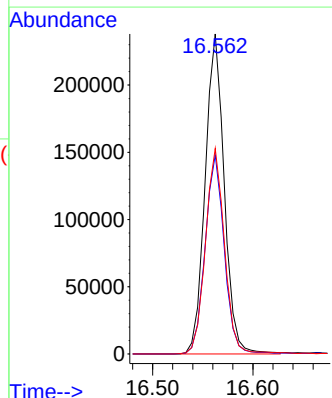
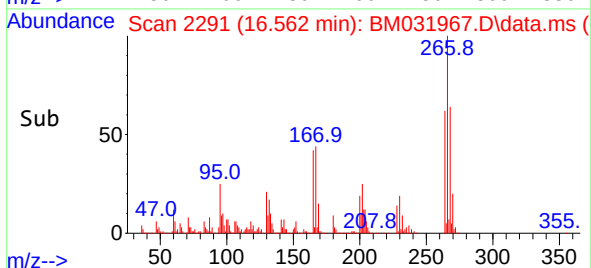
Tgt Ion:166 Resp: 889170
Ion Ratio Lower Upper
166 100
165 97.9 78.4 117.6
167 14.1 10.6 15.8

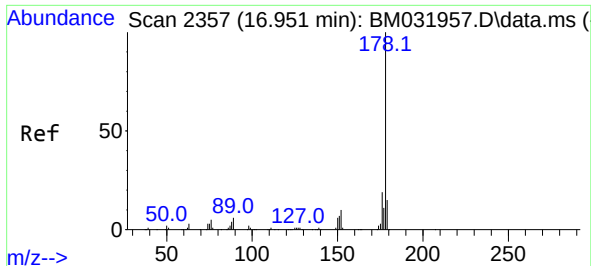


#71
Pentachlorophenol
Concen: 66.478 ng/ul
RT: 16.562 min Scan# 2291
Delta R.T. -0.000 min
Lab File: BM031967.D
Acq: 31 Aug 2021 01:56

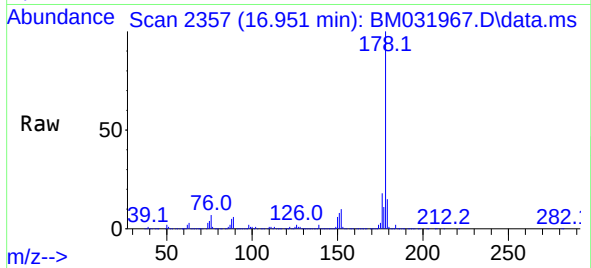


Tgt Ion:266 Resp: 315769
Ion Ratio Lower Upper
266 100
264 62.2 48.2 72.4
268 64.2 51.6 77.4

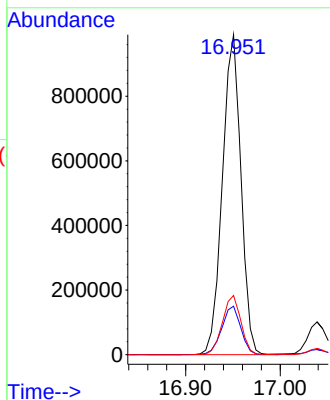




#72
Phenanthrene
Concen: 40.446 ng/u1
RT: 16.951 min Scan# 2357
Delta R.T. -0.000 min
Lab File: BM031967.D
Acq: 31 Aug 2021 01:56



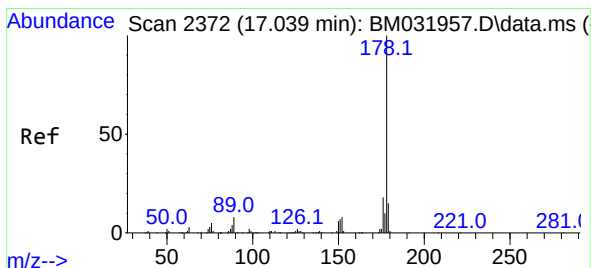
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Ion Ratio Lower Upper
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179 15.1 12.1 18.1
176 18.5 15.2 22.8



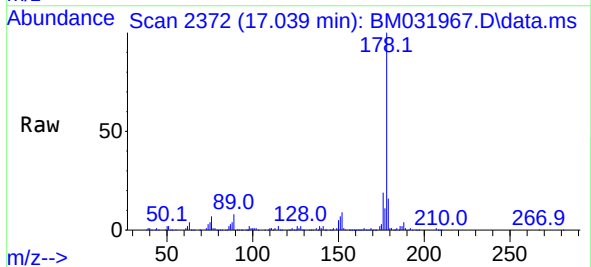
Instrument :
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ClientSampleId :
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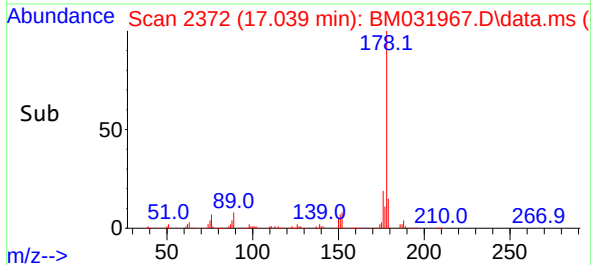
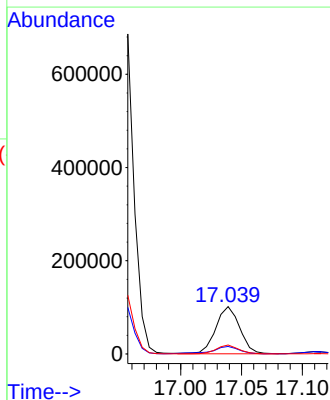
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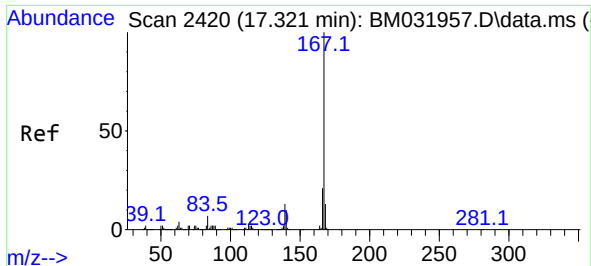


#74
Anthracene
Concen: 4.063 ng/u1
RT: 17.039 min Scan# 2372
Delta R.T. -0.000 min
Lab File: BM031967.D
Acq: 31 Aug 2021 01:56



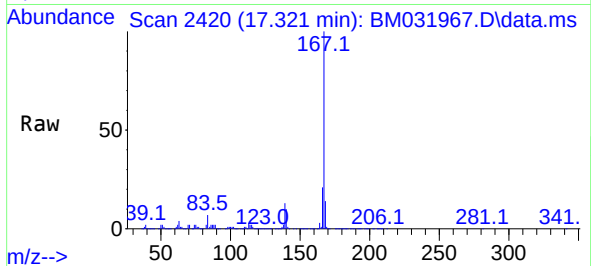
Tgt Ion:178 Resp: 138632
Ion Ratio Lower Upper
178 100
179 15.8 12.1 18.1
176 18.9 15.2 22.8





#77
 Carbazole
 Concen: 65.167 ng/ul
 RT: 17.321 min Scan# 2420
 Delta R.T. -0.000 min
 Lab File: BM031967.D
 Acq: 31 Aug 2021 01:56

Instrument :
 BNA_M
 ClientSampled :
 DBKE1

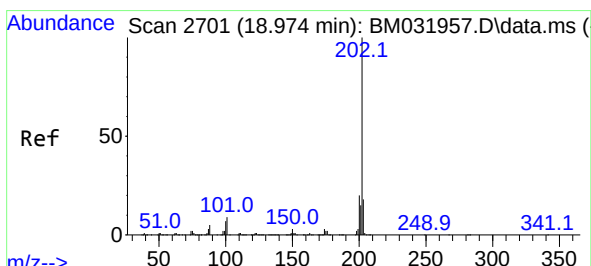
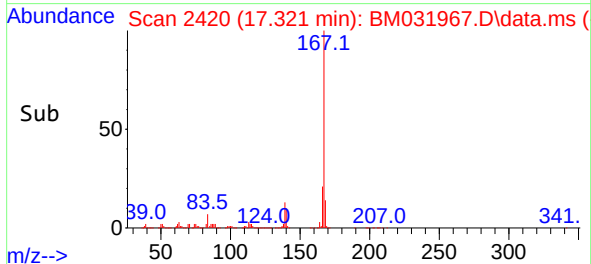
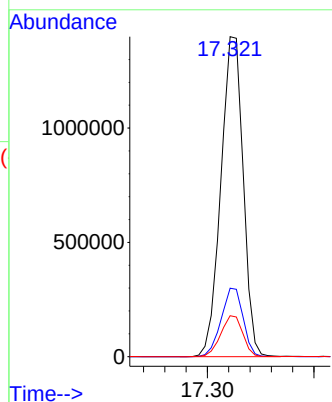


Tgt Ion:167 Resp: 2035294

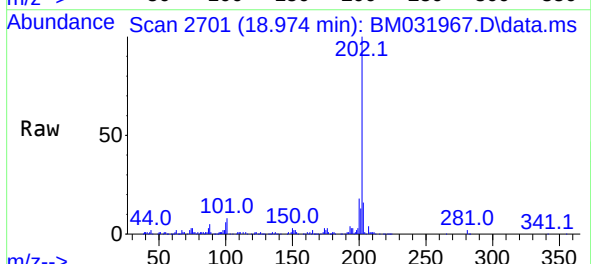
Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.0	25.6
139	12.8	9.9	14.9

Manual Integrations
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 8/31/2021 11:37:36 AM

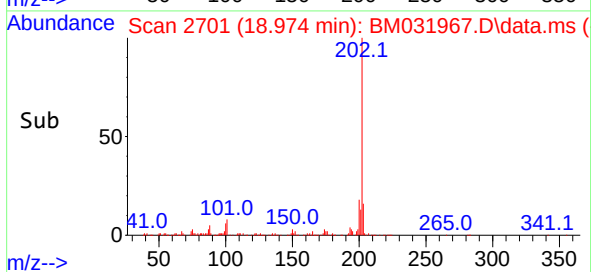
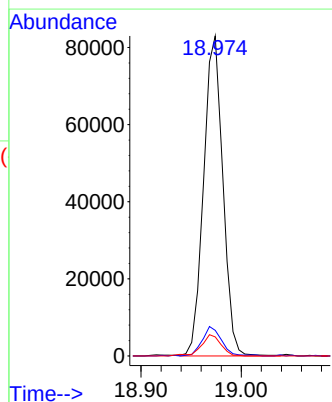


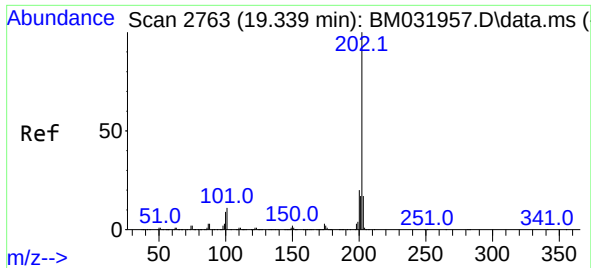
#80
 Fluoranthene
 Concen: 2.888 ng/ul
 RT: 18.974 min Scan# 2701
 Delta R.T. -0.000 min
 Lab File: BM031967.D
 Acq: 31 Aug 2021 01:56



Tgt Ion:202 Resp: 111125

Ion	Ratio	Lower	Upper
202	100		
101	8.0	8.8	13.2#
100	5.9	6.8	10.2#





#82
 Pyrene
 Concen: 1.397 ng/ul
 RT: 19.339 min Scan# 2763
 Delta R.T. -0.000 min
 Lab File: BM031967.D
 Acq: 31 Aug 2021 01:56

Tgt Ion:202 Resp: 56902
 Ion Ratio Lower Upper
 202 100
 101 10.8 10.0 15.0
 100 9.6 8.5 12.7

Instrument :
 BNA_M
 ClientSampleId :
 DBKE1

Manual Integrations
 APPROVED

mohammad
 8/31/2021 11:37:36 AM

