

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111921\
 Data File : BM033180.D
 Acq On : 19 Nov 2021 17:41
 Operator : CG/JU
 Sample : M4677-14
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 H0AA8

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/22/2021
 Supervised By :mohammad ahmed 11/24/2021

Quant Time: Nov 20 01:04:16 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM111921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 19 15:41:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	3222	0.400	ng/ul	0.00
4) Naphthalene-d8	10.760	136	10893	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.579	164	8627	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.316	188	14681	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.472	240	10296	0.400	ng/ul	# 0.00
23) Perylene-d12	23.817	264	8232	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.413	96	15475m	5.108	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.339	152	5917	0.392	ng/ul	0.00
18) Fluoranthene-d10	19.330	212	15643	0.524	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.451	88	1081	0.317	ng/ul#	1
5) Naphthalene	10.810	128	5748	0.170	ng/ul#	52
7) 2-Methylnaphthalene	12.397	142	1274m	0.058	ng/ul	
8) 1-Methylnaphthalene	12.631	142	6731	0.311	ng/ul#	76
10) Acenaphthylene	14.306	152	2418	0.060	ng/ul#	1
11) Acenaphthene	14.644	153	3525	0.107	ng/ul	89
12) Fluorene	15.626	166	5275	0.141	ng/ul#	76
19) Fluoranthene	19.360	202	1018	0.021	ng/ul#	1
20) Pyrene	19.722	202	1117	0.023	ng/ul#	33
22) Chrysene	21.511	228	887	0.022	ng/ul#	55
24) Benzo(b)fluoranthene	23.102	252	771	0.021	ng/ul#	1
25) Benzo(k)fluoranthene	23.148	252	747	0.020	ng/ul#	1

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

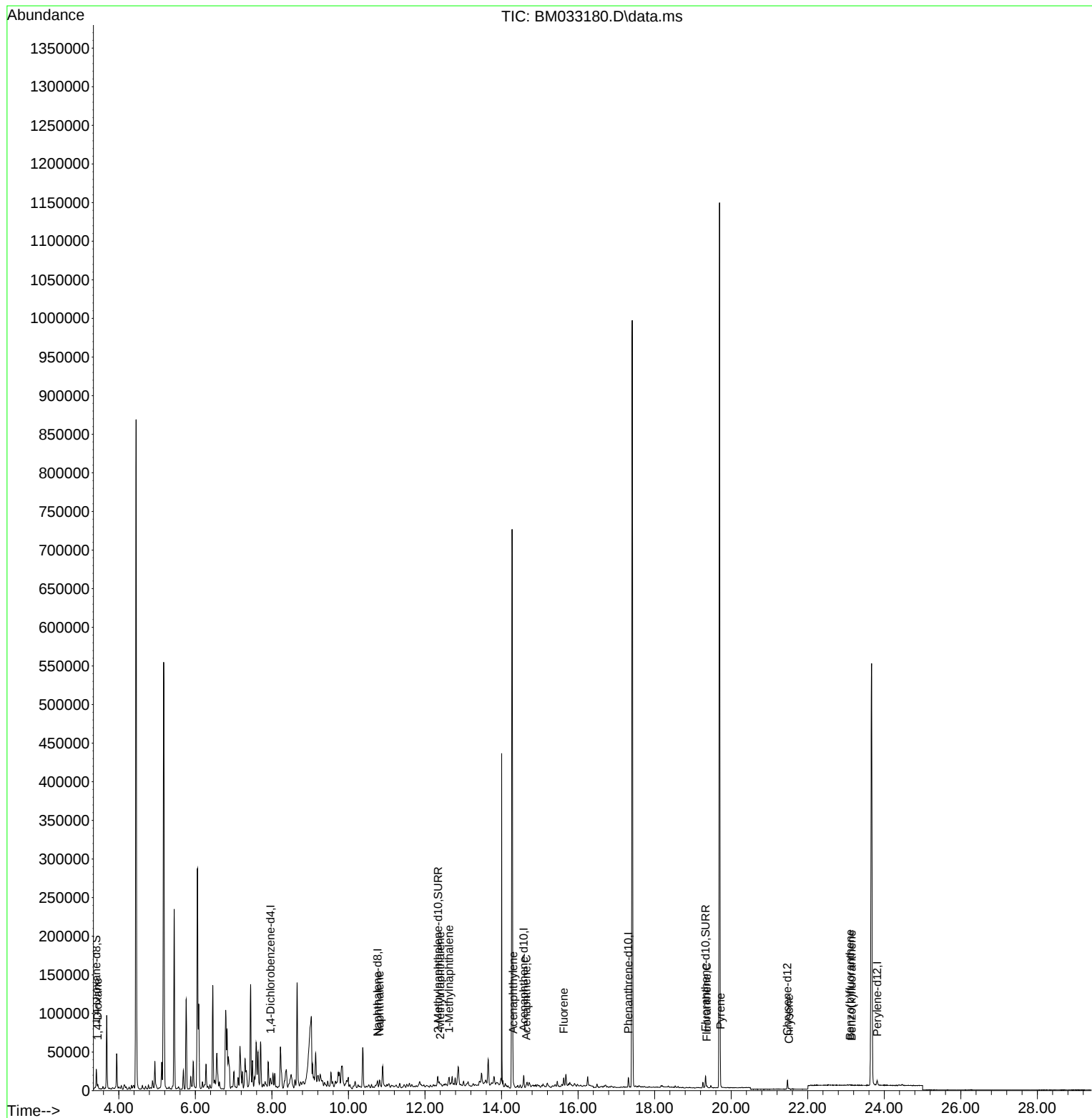
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111921\
Data File : BM033180.D
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ALS Vial : 11 Sample Multiplier: 1

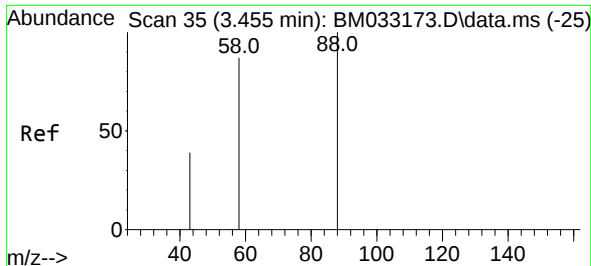
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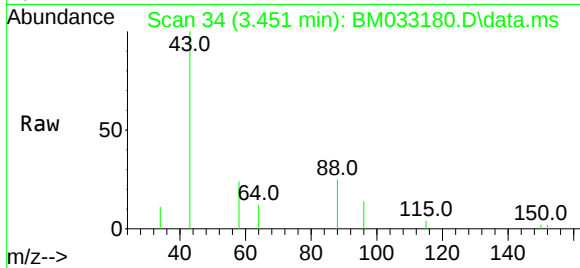
Quant Time: Nov 20 01:04:16 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM111921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 19 15:41:12 2021
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#2
1,4-Dioxane
Concen: 0.317 ng/ul
RT: 3.451 min Scan# 34
Delta R.T. -0.003 min
Lab File: BM033180.D
Acq: 19 Nov 2021 17:41

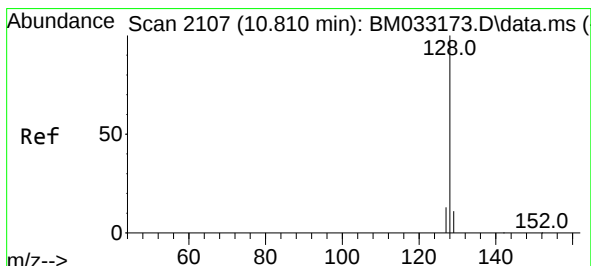
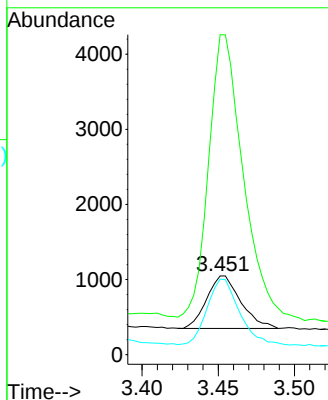
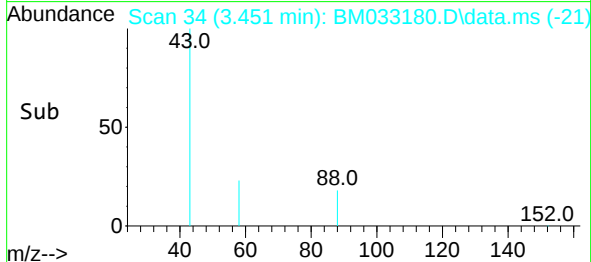
Instrument :
BNA_M
ClientSampleId :
H0AA8



Tgt Ion: 88 Resp: 108
Ion Ratio Lower Upper
88 100
43 406.5 35.8 53.8
58 96.0 55.8 83.8

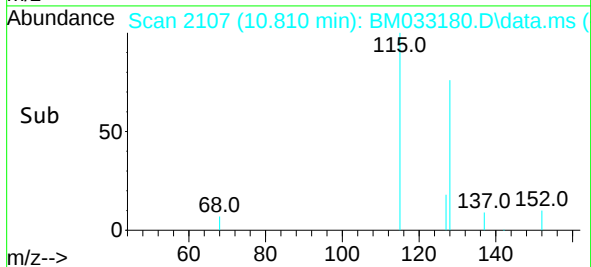
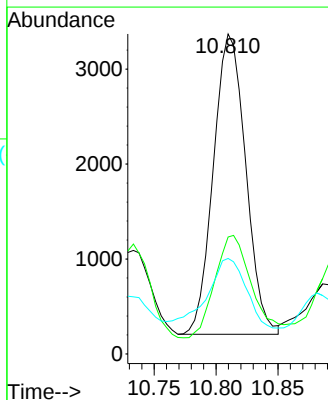
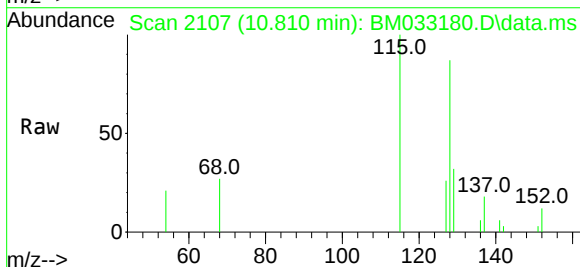
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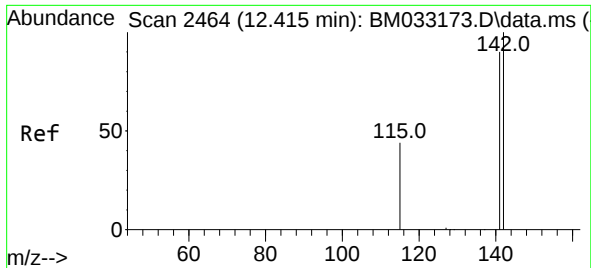
Reviewed By :Jagrut Upadhyay 11/22/2021
Supervised By :mohammad ahmed 11/24/2021



#5
Naphthalene
Concen: 0.170 ng/ul
RT: 10.810 min Scan# 2107
Delta R.T. 0.000 min
Lab File: BM033180.D
Acq: 19 Nov 2021 17:41

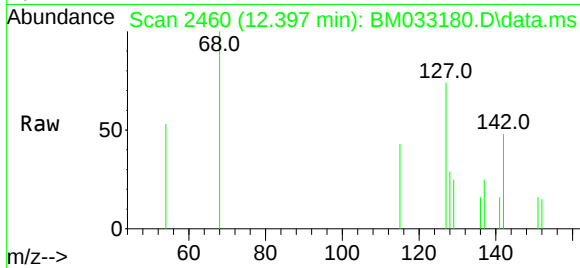
Tgt Ion:128 Resp: 5748
Ion Ratio Lower Upper
128 100
129 36.6 9.8 14.6#
127 29.9 11.8 17.8#





#7
2-Methylnaphthalene
Concen: 0.058 ng/ul m
RT: 12.397 min Scan# 2464
Delta R.T. -0.018 min
Lab File: BM033180.D
Acq: 19 Nov 2021 17:41

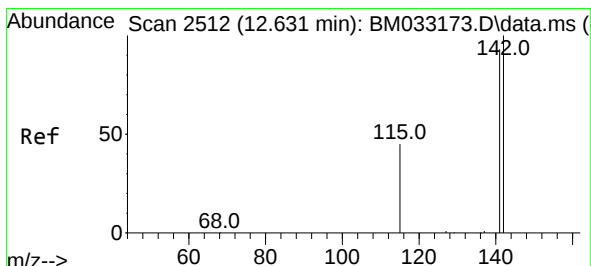
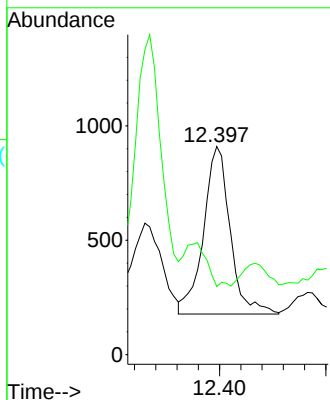
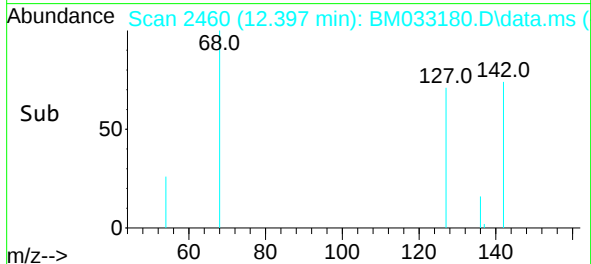
Instrument :
BNA_M
ClientSampleId :
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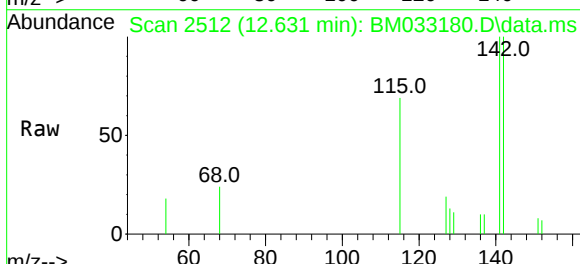
Tgt Ion:142 Resp: 1274
Ion Ratio Lower Upper
142 100
141 14.3 73.3 109.9

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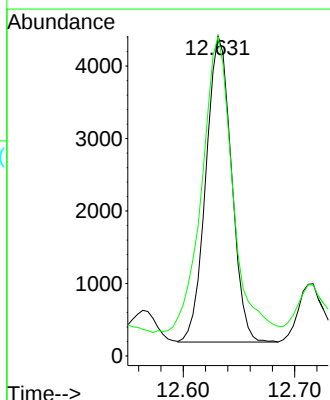
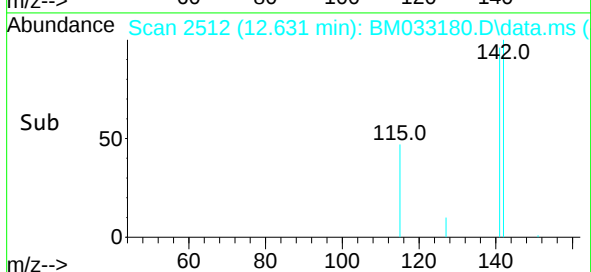
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Supervised By :mohammad ahmed 11/24/2021

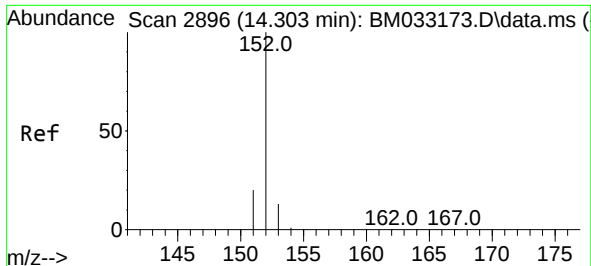


#8
1-Methylnaphthalene
Concen: 0.311 ng/ul
RT: 12.631 min Scan# 2512
Delta R.T. 0.000 min
Lab File: BM033180.D
Acq: 19 Nov 2021 17:41



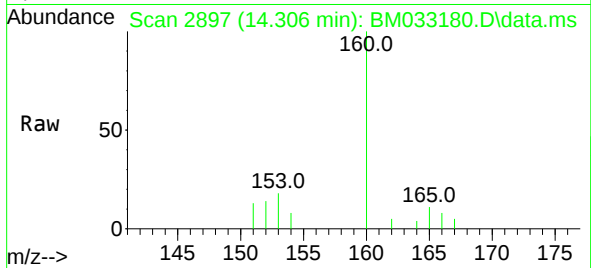
Tgt Ion:142 Resp: 6731
Ion Ratio Lower Upper
142 100
141 116.1 74.5 111.7





#10
Acenaphthylene
Concen: 0.060 ng/u1
RT: 14.306 min Scan# 2897
Delta R.T. 0.003 min
Lab File: BM033180.D
Acq: 19 Nov 2021 17:41

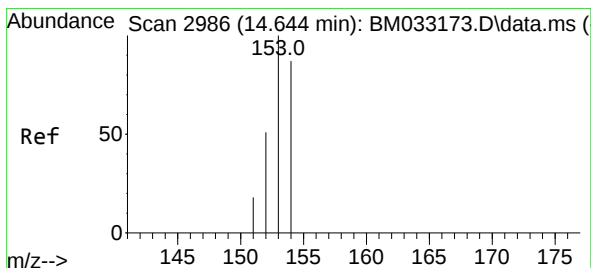
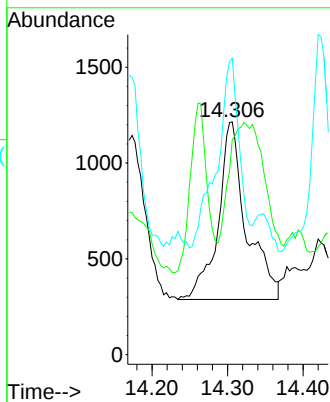
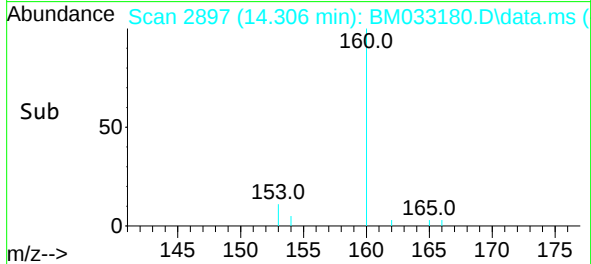
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:152 Resp: 2418
Ion Ratio Lower Upper
152 100
151 92.3 16.7 25.1
153 127.3 0.0 0.0

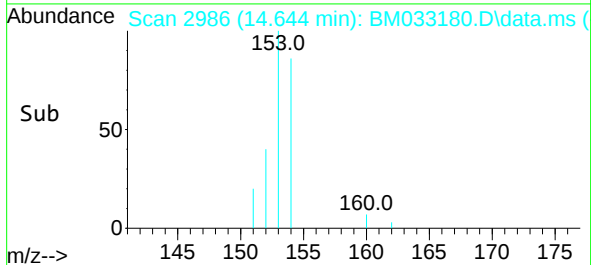
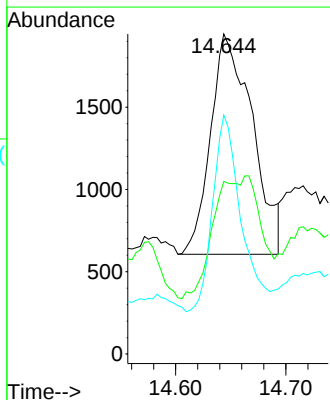
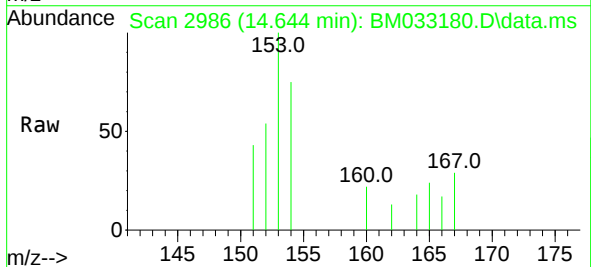
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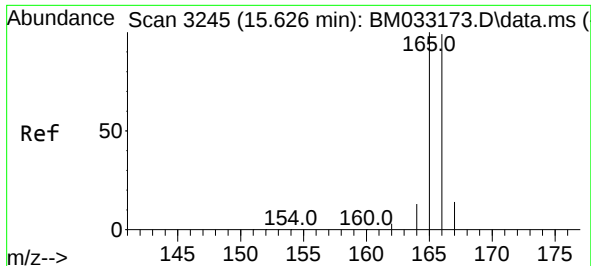
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#11
Acenaphthene
Concen: 0.107 ng/u1
RT: 14.644 min Scan# 2986
Delta R.T. -0.001 min
Lab File: BM033180.D
Acq: 19 Nov 2021 17:41

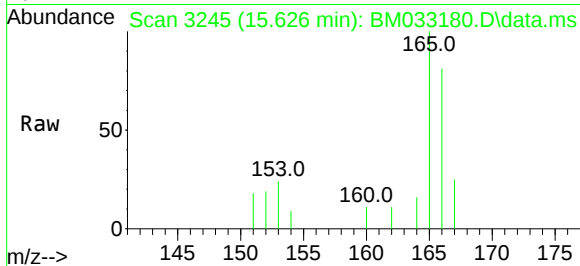
Tgt Ion:153 Resp: 3525
Ion Ratio Lower Upper
153 100
152 53.9 40.6 60.8
154 74.7 70.8 106.2





#12
Fluorene
Concen: 0.141 ng/ul
RT: 15.626 min Scan# 31
Delta R.T. -0.001 min
Lab File: BM033180.D
Acq: 19 Nov 2021 17:41

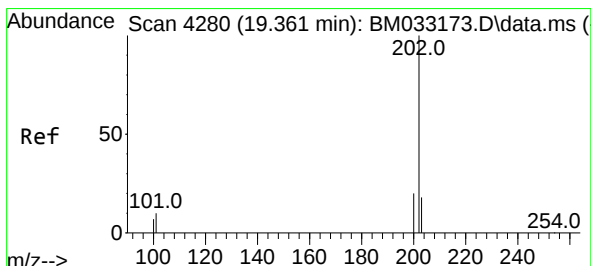
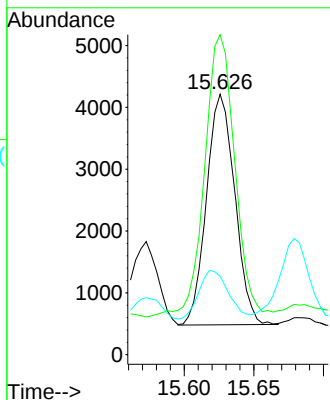
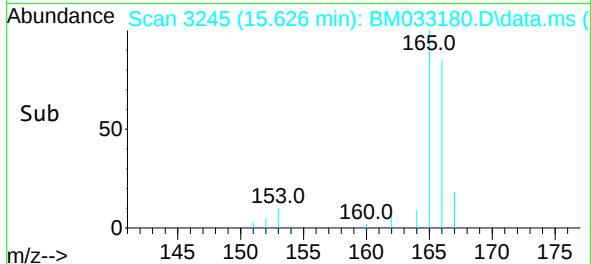
Instrument :
BNA_M
ClientSampleId :
H0AA8



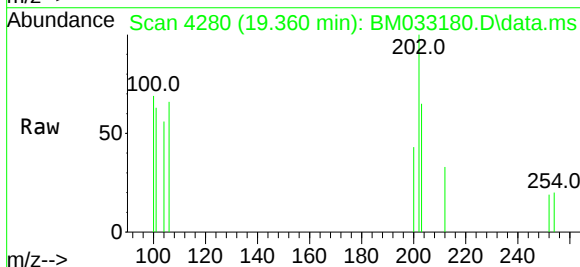
Tgt Ion:166 Resp: 527
Ion Ratio Lower Upper
166 100
165 122.9 80.8 121.2
167 30.1 11.7 17.5

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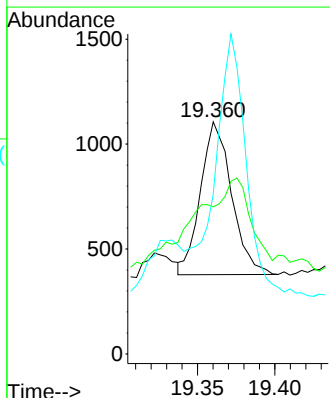
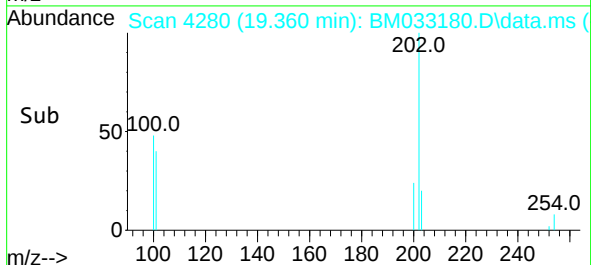
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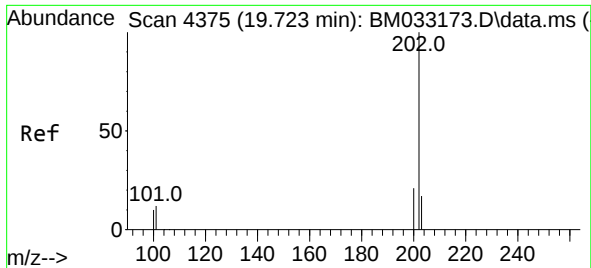


#19
Fluoranthene
Concen: 0.021 ng/ul
RT: 19.360 min Scan# 4280
Delta R.T. -0.001 min
Lab File: BM033180.D
Acq: 19 Nov 2021 17:41



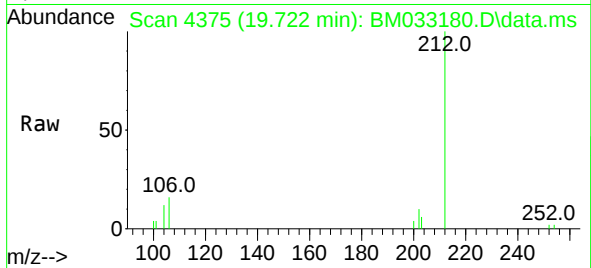
Tgt Ion:202 Resp: 1018
Ion Ratio Lower Upper
202 100
101 63.4 9.9 14.9#
100 68.8 7.3 10.9#





#20
Pyrene
Concen: 0.023 ng/u1
RT: 19.722 min Scan# 411
Delta R.T. -0.001 min
Lab File: BM033180.D
Acq: 19 Nov 2021 17:41

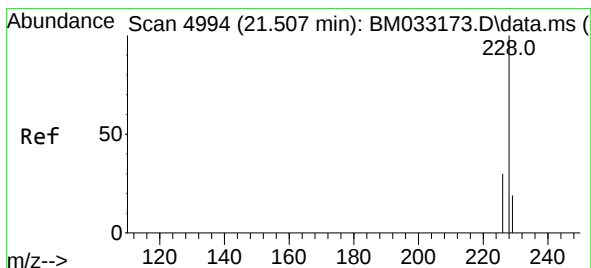
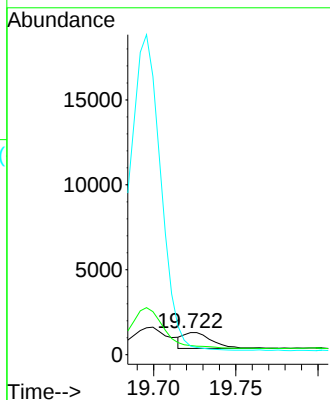
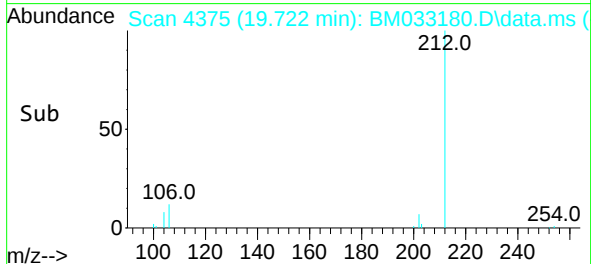
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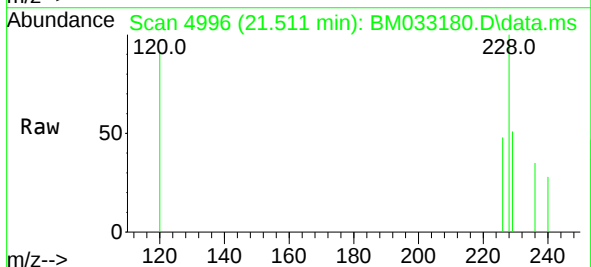
Tgt Ion:202 Resp: 111
Ion Ratio Lower Upper
202 100
101 41.1 11.8 17.6
100 39.2 9.5 14.3

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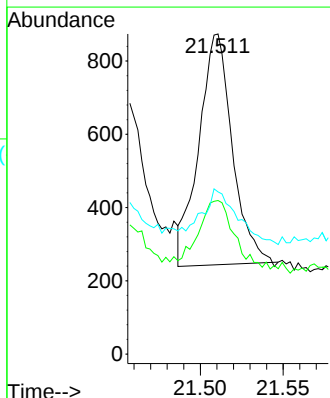
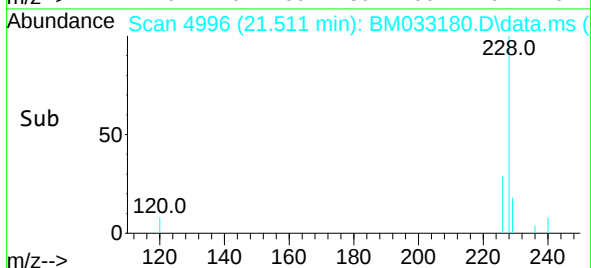
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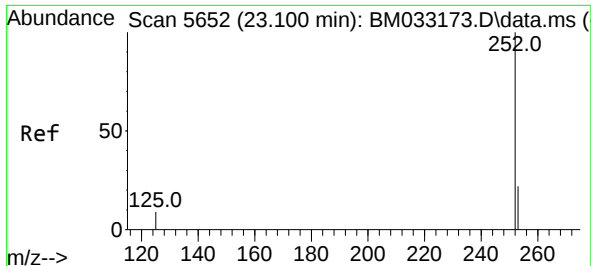


#22
Chrysene
Concen: 0.022 ng/u1
RT: 21.511 min Scan# 4996
Delta R.T. 0.004 min
Lab File: BM033180.D
Acq: 19 Nov 2021 17:41



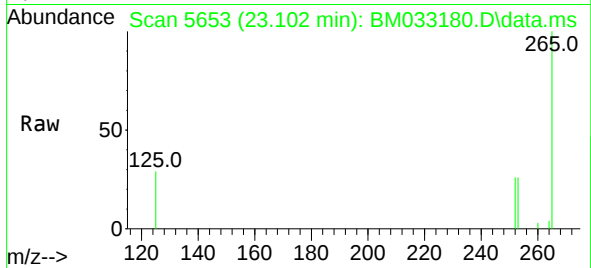
Tgt Ion:228 Resp: 887
Ion Ratio Lower Upper
228 100
226 47.9 24.9 37.3#
229 50.7 16.1 24.1#





#24
Benzo(b)fluoranthene
Concen: 0.021 ng/ul
RT: 23.102 min Scan# 5652
Delta R.T. 0.001 min
Lab File: BM033180.D
Acq: 19 Nov 2021 17:41

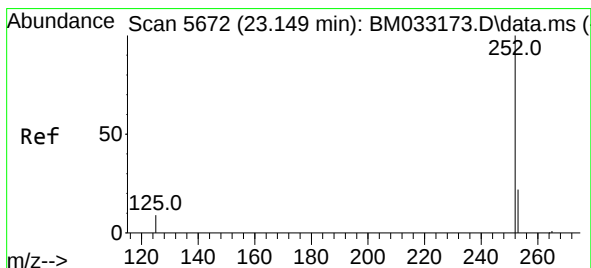
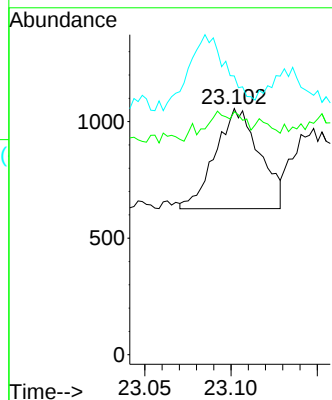
Instrument :
BNA_M
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Tgt Ion:252 Resp: 772
Ion Ratio Lower Upper
252 100
253 98.8 0.0 59.2
125 113.3 0.0 34.2

Manual Integrations
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#25
Benzo(k)fluoranthene
Concen: 0.020 ng/ul
RT: 23.148 min Scan# 5672
Delta R.T. -0.001 min
Lab File: BM033180.D
Acq: 19 Nov 2021 17:41

Tgt Ion:252 Resp: 747
Ion Ratio Lower Upper
252 100
253 102.3 23.1 34.7#
125 114.6 14.6 21.8#

