

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112223\
 Data File : BM042965.D
 Acq On : 22 Nov 2023 22:58
 Operator : MA/JU
 Sample : 05268-10
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCKD2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/25/2023
 Supervised By :mohammad ahmed 11/25/2023

Quant Time: Nov 23 00:12:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 22 10:35:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.813	152	724	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.616	136	1804	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.464	164	1043	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.216	188	2374m	0.400	ng/ul	-0.01
17) Chrysene-d12	21.409	240	1581m	0.400	ng/ul	0.00
23) Perylene-d12	23.765	264	3648	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	4090	3.595	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.211	152	959	0.422	ng/ul	-0.02
18) Fluoranthene-d10	19.247	212	2567	0.498	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.666	128	17619	3.100	ng/ul#	86
7) 2-Methylnaphthalene	12.282	142	8345	2.510	ng/ul	96
8) 1-Methylnaphthalene	12.502	142	5746	1.643	ng/ul	98
10) Acenaphthylene	14.186	152	1521	0.220	ng/ul#	95
11) Acenaphthene	14.524	153	10803	2.224	ng/ul	97
12) Fluorene	15.514	166	14193	2.718	ng/ul#	94
14) Pentachlorophenol	16.857	266	3108	2.355	ng/ul	96
15) Phenanthrene	17.258	178	11207	1.344	ng/ul	95
16) Anthracene	17.347	178	1015	0.117	ng/ul	95
19) Fluoranthene	19.275	202	249	0.025	ng/ul#	1

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

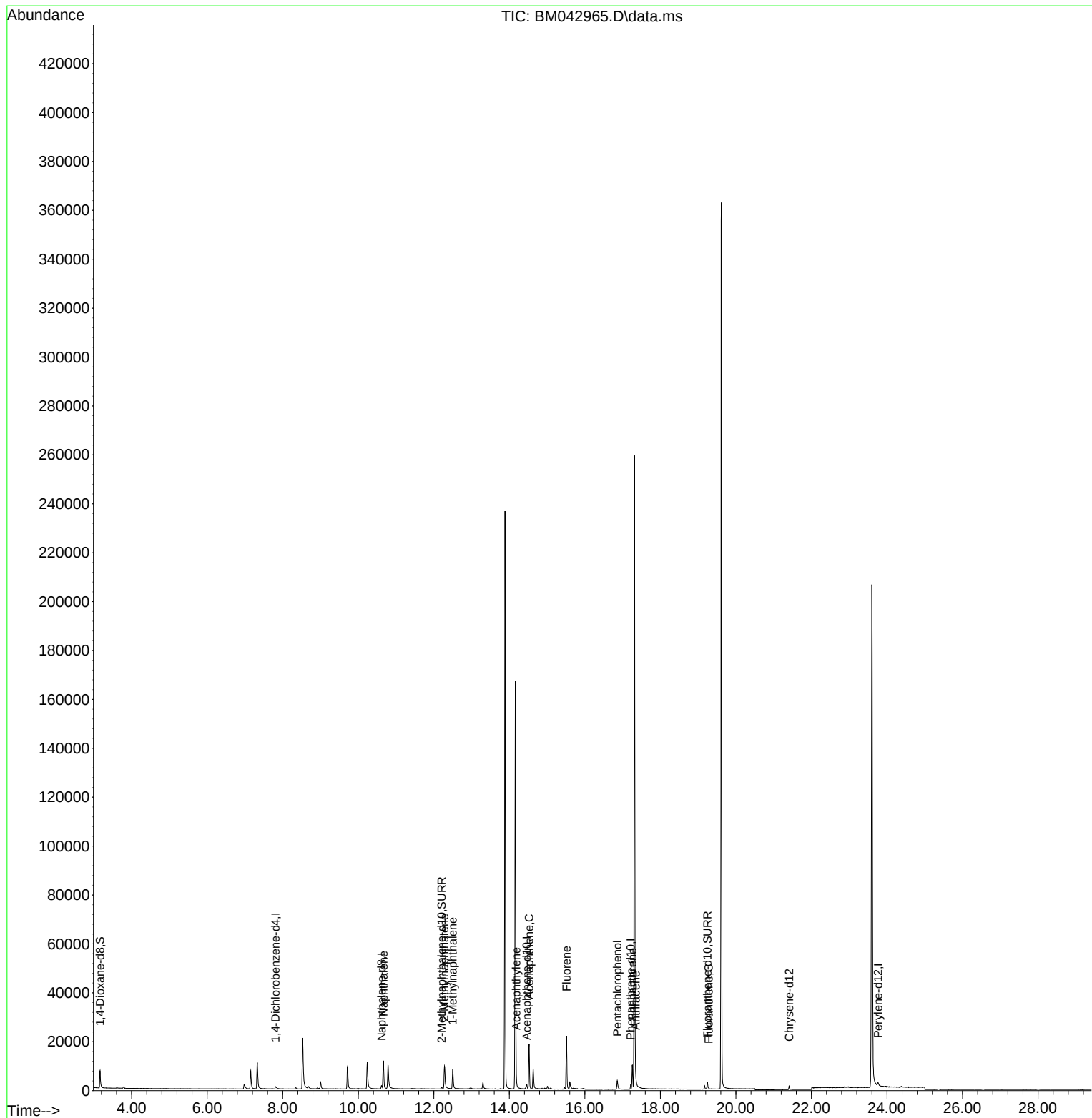
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112223\
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ALS Vial : 22 Sample Multiplier: 1

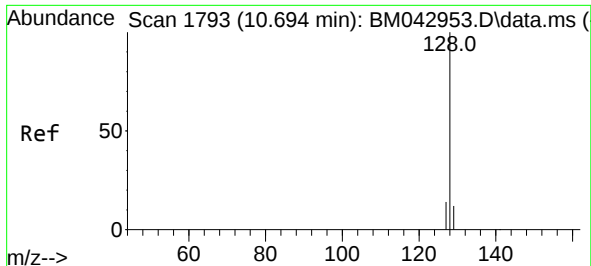
Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112123.M
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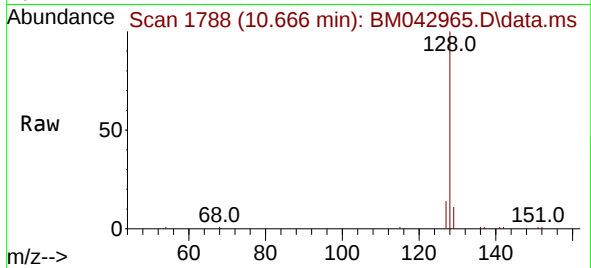
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#5
Naphthalene
Concen: 3.100 ng/ul
RT: 10.666 min Scan# 1793
Delta R.T. -0.017 min
Lab File: BM042965.D
Acq: 22 Nov 2023 22:58

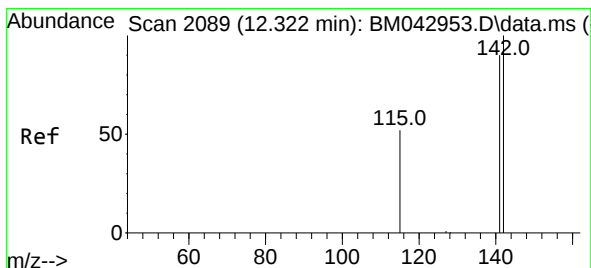
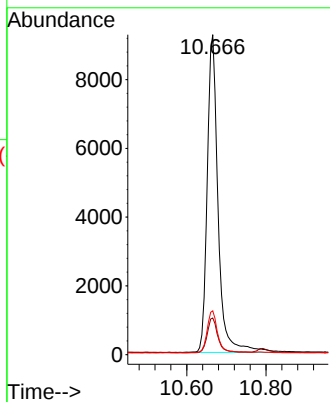
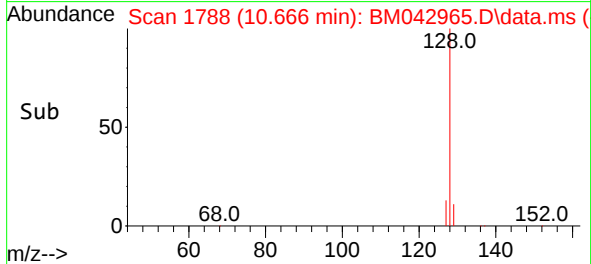
Instrument :
BNA_M
ClientSampleId :
DCKD2



Tgt Ion:128 Resp: 17619
Ion Ratio Lower Upper
128 100
129 11.5 14.2 21.4
127 13.7 15.8 23.6

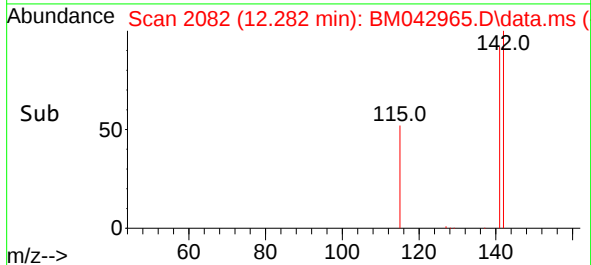
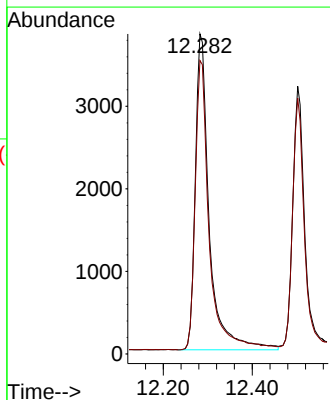
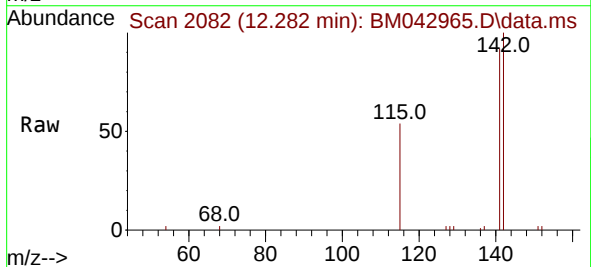
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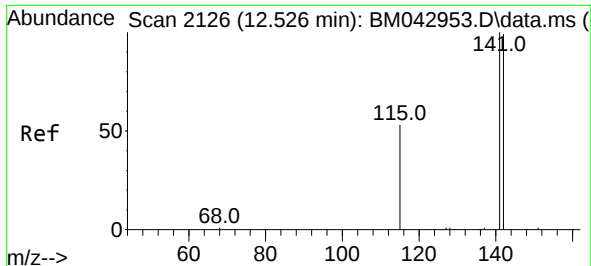
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#7
2-Methylnaphthalene
Concen: 2.510 ng/ul
RT: 12.282 min Scan# 2082
Delta R.T. -0.028 min
Lab File: BM042965.D
Acq: 22 Nov 2023 22:58

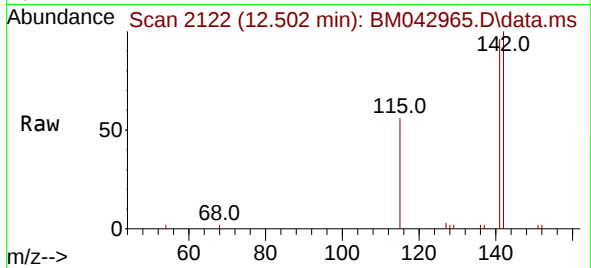
Tgt Ion:142 Resp: 8345
Ion Ratio Lower Upper
142 100
141 92.2 77.2 115.8





#8
1-Methylnaphthalene
Concen: 1.643 ng/ul
RT: 12.502 min Scan# 2126
Delta R.T. -0.017 min
Lab File: BM042965.D
Acq: 22 Nov 2023 22:58

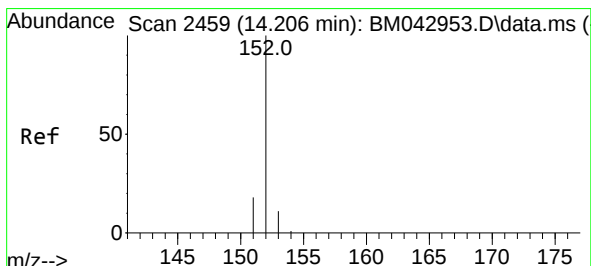
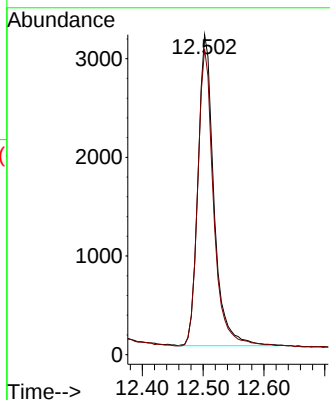
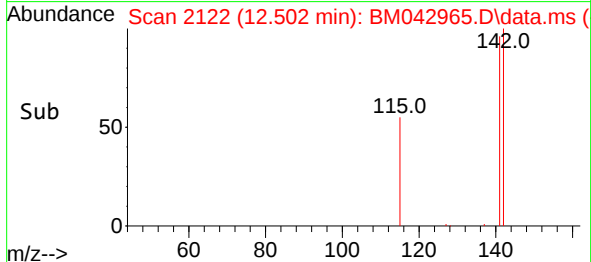
Instrument :
BNA_M
ClientSampleId :
DCKD2



Tgt Ion:142 Resp: 5740
Ion Ratio Lower Upper
142 100
141 94.8 74.6 112.0

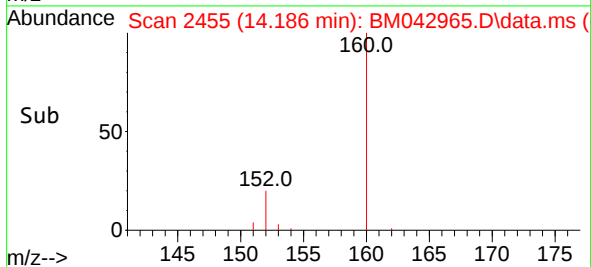
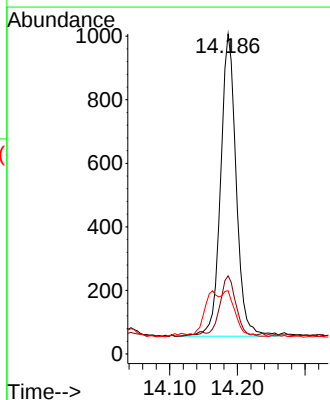
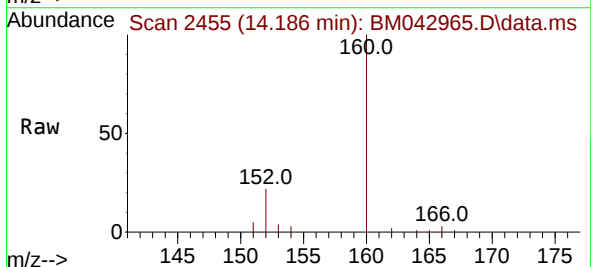
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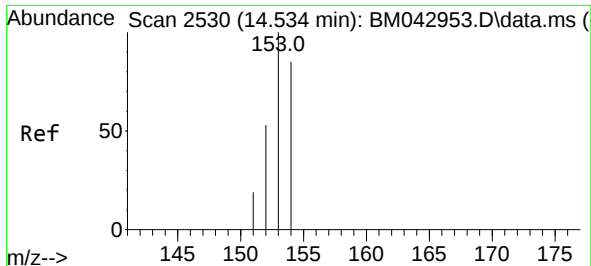
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Supervised By :mohammad ahmed 11/25/2023



#10
Acenaphthylene
Concen: 0.220 ng/ul
RT: 14.186 min Scan# 2455
Delta R.T. -0.014 min
Lab File: BM042965.D
Acq: 22 Nov 2023 22:58

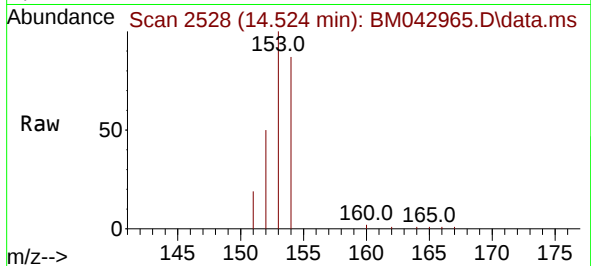
Tgt Ion:152 Resp: 1521
Ion Ratio Lower Upper
152 100
151 24.4 18.5 27.7
153 19.8 12.9 19.3#





#11
Acenaphthene
Concen: 2.224 ng/ul
RT: 14.524 min Scan# 21
Delta R.T. -0.009 min
Lab File: BM042965.D
Acq: 22 Nov 2023 22:58

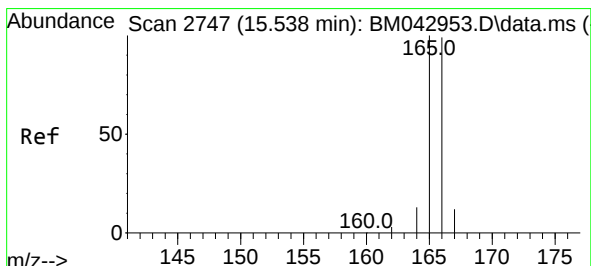
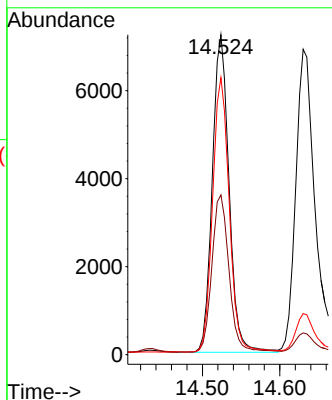
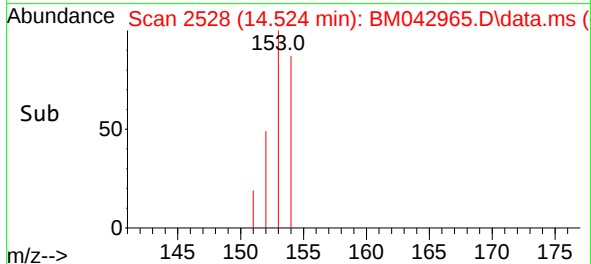
Instrument :
BNA_M
ClientSampleId :
DCKD2



Tgt Ion:153 Resp: 1080
Ion Ratio Lower Upper
153 100
152 49.9 43.3 64.9
154 86.6 70.6 105.8

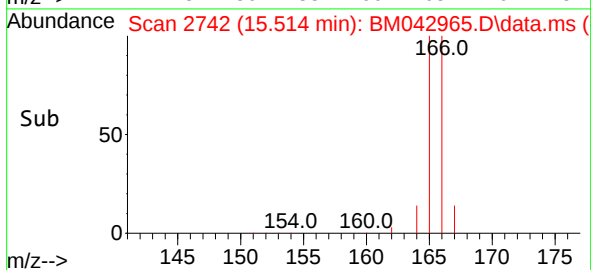
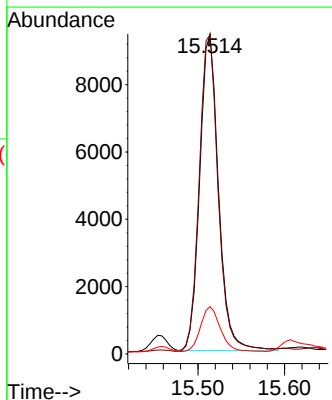
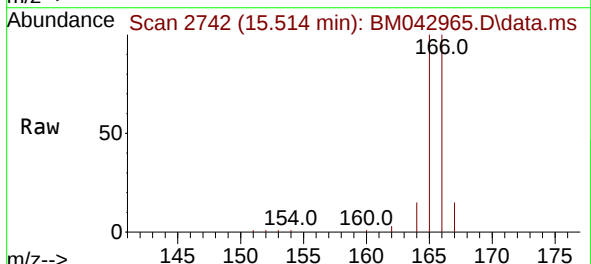
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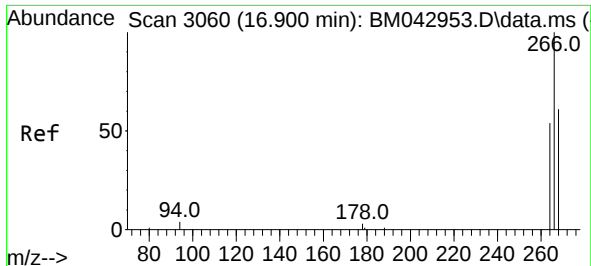
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#12
Fluorene
Concen: 2.718 ng/ul
RT: 15.514 min Scan# 2742
Delta R.T. -0.014 min
Lab File: BM042965.D
Acq: 22 Nov 2023 22:58

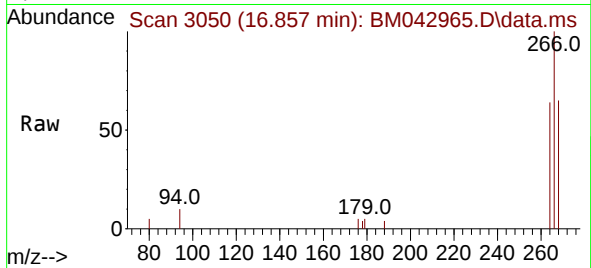
Tgt Ion:166 Resp: 14193
Ion Ratio Lower Upper
166 100
165 99.8 84.3 126.5
167 14.8 15.0 22.6#





#14
Pentachlorophenol
Concen: 2.355 ng/ul
RT: 16.857 min Scan# 3060
Delta R.T. -0.034 min
Lab File: BM042965.D
Acq: 22 Nov 2023 22:58

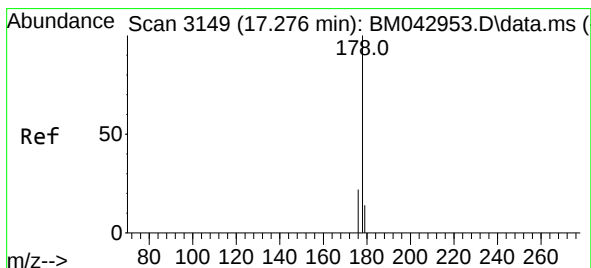
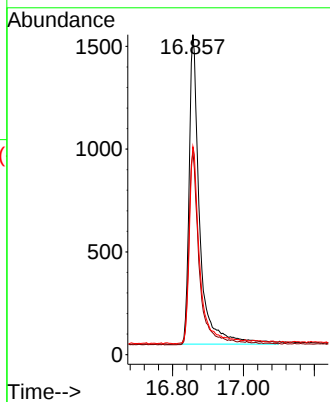
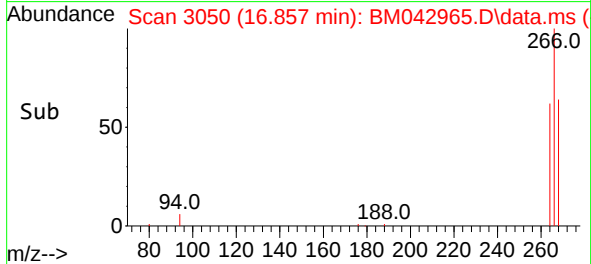
Instrument :
BNA_M
ClientSampleId :
DCKD2



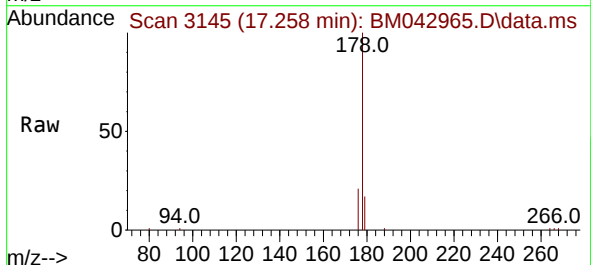
Tgt Ion:266 Resp: 3108
Ion Ratio Lower Upper
266 100
264 62.8 52.2 78.2
268 63.7 48.0 72.0

Manual Integrations
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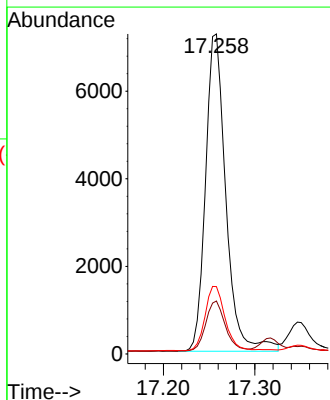
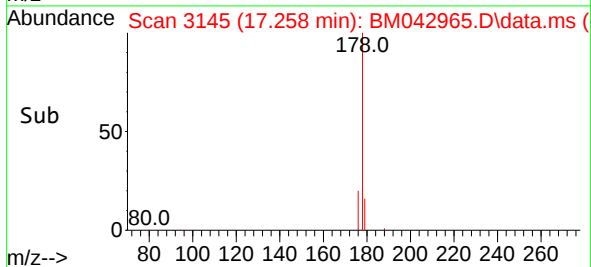
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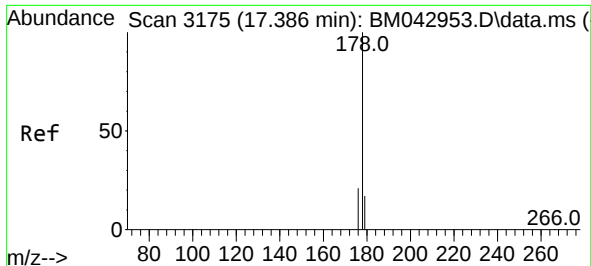


#15
Phenanthrene
Concen: 1.344 ng/ul
RT: 17.258 min Scan# 3145
Delta R.T. -0.013 min
Lab File: BM042965.D
Acq: 22 Nov 2023 22:58



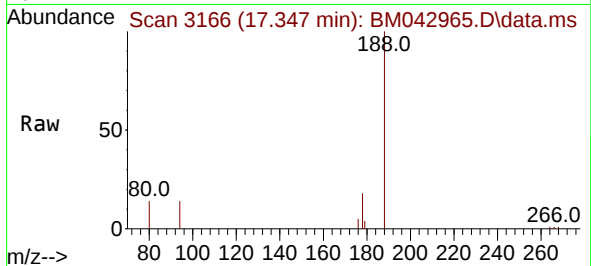
Tgt Ion:178 Resp: 11207
Ion Ratio Lower Upper
178 100
179 16.5 14.9 22.3
176 21.1 18.6 27.8





#16
 Anthracene
 Concen: 0.117 ng/u1
 RT: 17.347 min Scan# 3175
 Delta R.T. -0.025 min
 Lab File: BM042965.D
 Acq: 22 Nov 2023 22:58

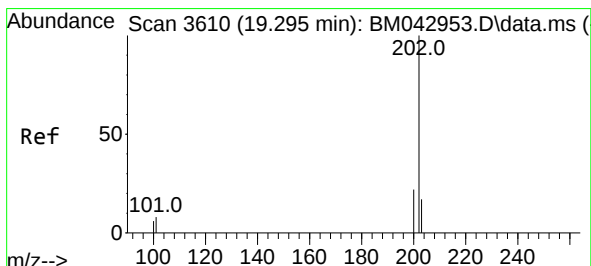
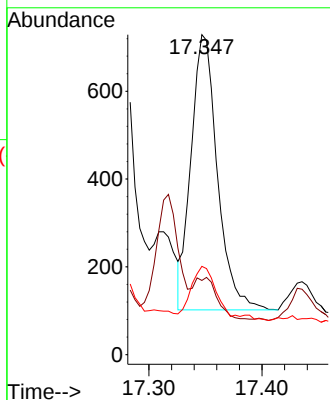
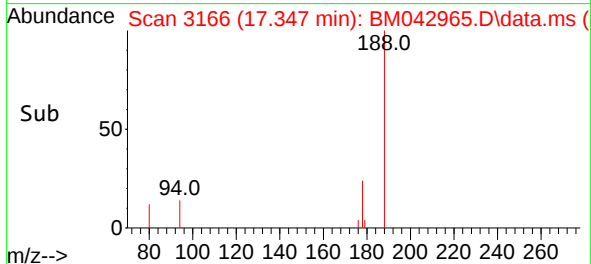
Instrument :
 BNA_M
 ClientSampleId :
 DCKD2



Tgt Ion:178 Resp: 101
 Ion Ratio Lower Upper
 178 100
 179 23.2 16.6 24.8
 176 27.6 20.3 30.5

Manual Integrations
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#19
 Fluoranthene
 Concen: 0.025 ng/u1
 RT: 19.275 min Scan# 3606
 Delta R.T. -0.009 min
 Lab File: BM042965.D
 Acq: 22 Nov 2023 22:58

Tgt Ion:202 Resp: 249
 Ion Ratio Lower Upper
 202 100
 101 55.7 10.2 15.4#
 100 44.8 8.2 12.2#

