

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112223\
 Data File : BM042963.D
 Acq On : 22 Nov 2023 21:45
 Operator : MA/JU
 Sample : 05268-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCKD0

Manual Integrations
 APPROVED

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

Quant Time: Nov 23 00:12:33 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	7.817	152	640	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.616	136	1544	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.464	164	874	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.216	188	2022m	0.400	ng/ul	-0.01
17) Chrysene-d12	21.412	240	1421m	0.400	ng/ul	0.00
23) Perylene-d12	23.765	264	3994	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	3519	3.499	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.238	152	711	0.365	ng/ul	0.00
18) Fluoranthene-d10	19.247	212	2132	0.460	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.666	128	3428	0.705	ng/ul#	92
7) 2-Methylnaphthalene	12.315	142	237	0.083	ng/ul	89
8) 1-Methylnaphthalene	12.524	142	192	0.064	ng/ul	96
11) Acenaphthene	14.524	153	649	0.159	ng/ul	96
12) Fluorene	15.518	166	303	0.069	ng/ul#	85
14) Pentachlorophenol	16.870	266	981	0.873	ng/ul	96
15) Phenanthrene	17.258	178	464m	0.065	ng/ul	
16) Anthracene	17.351	178	399m	0.054	ng/ul	

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

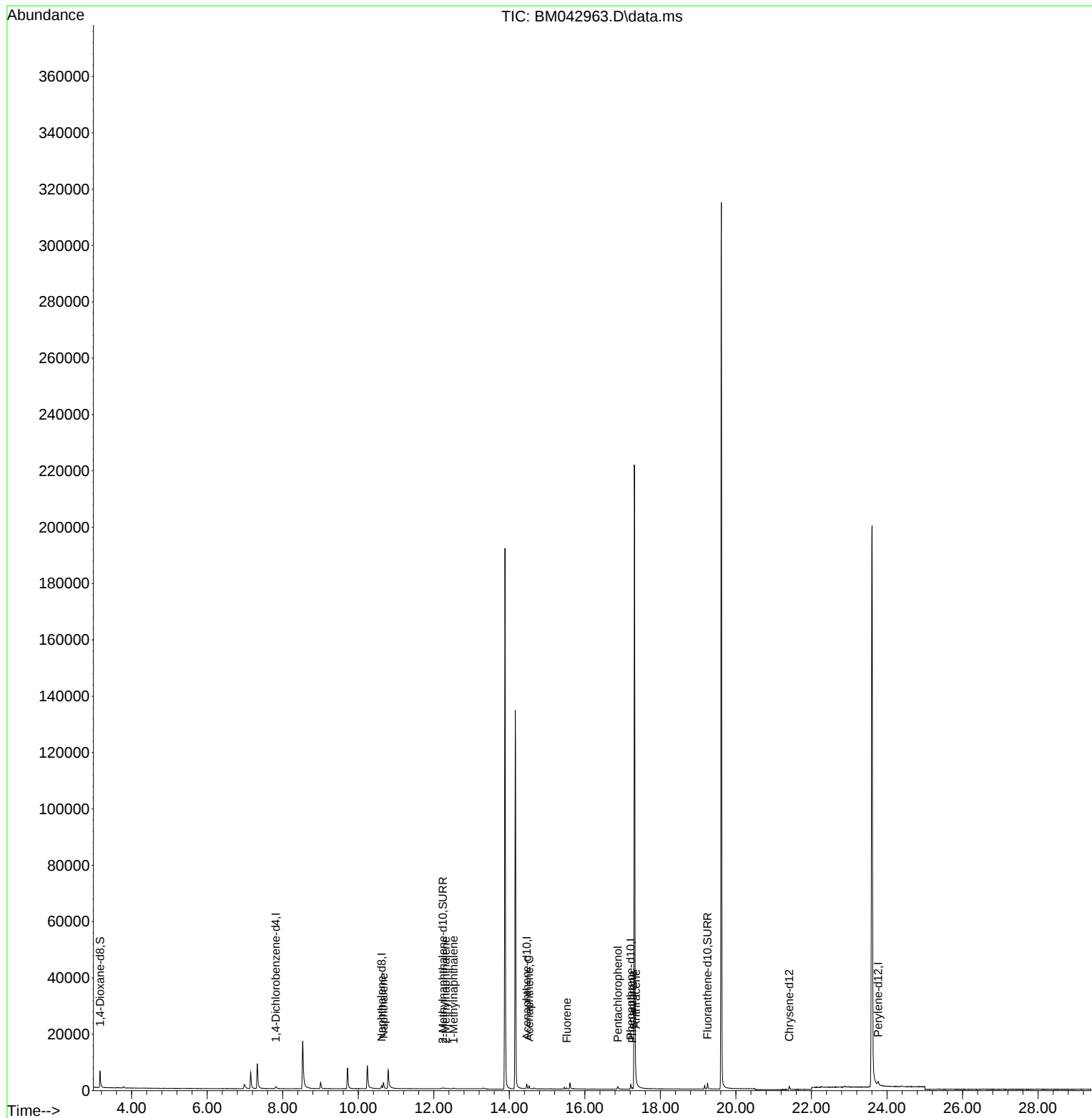
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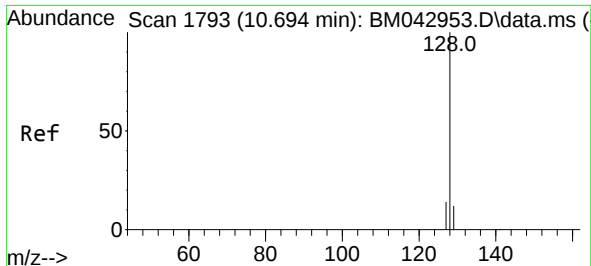
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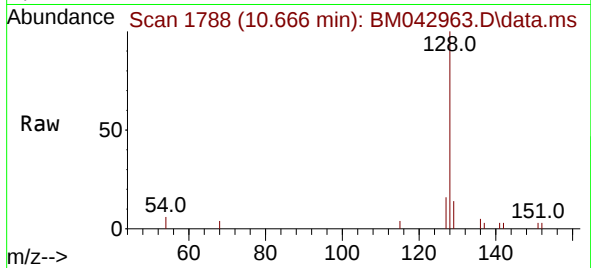
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#5
Naphthalene
Concen: 0.705 ng/ul
RT: 10.666 min Scan# 1793
Delta R.T. -0.017 min
Lab File: BM042963.D
Acq: 22 Nov 2023 21:45

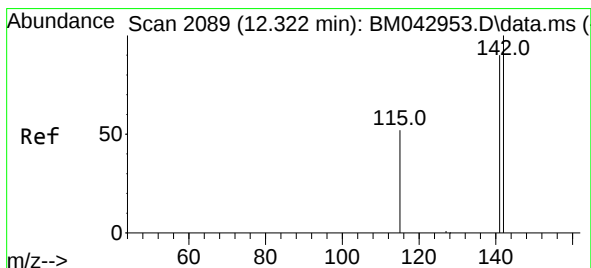
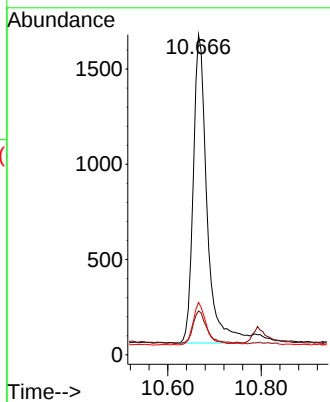
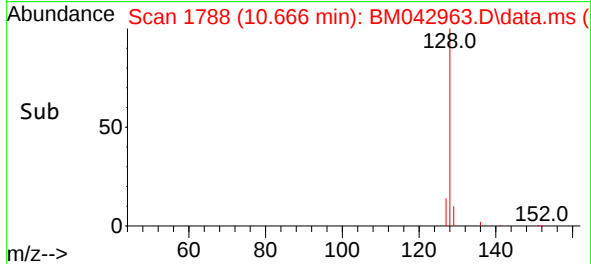
Instrument :
BNA_M
ClientSampleId :
DCKD0



Tgt Ion:128 Resp: 3428
Ion Ratio Lower Upper
128 100
129 13.7 14.2 21.4
127 16.4 15.8 23.6

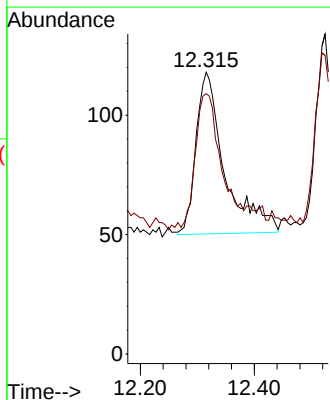
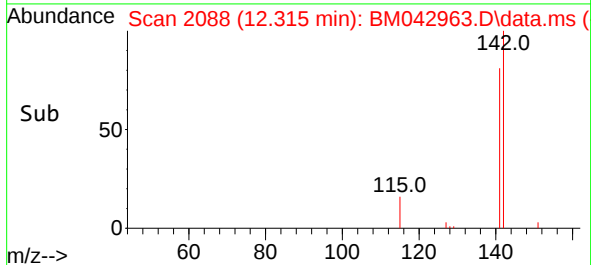
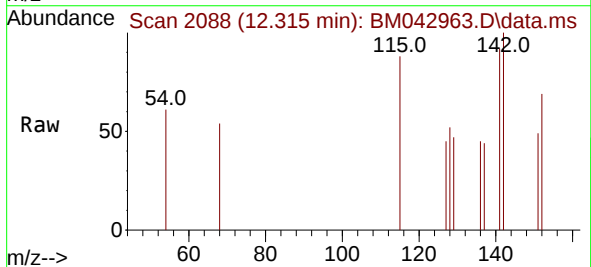
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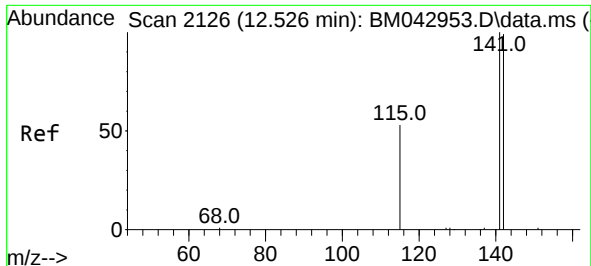
Reviewed By :Yogesh Patel 11/25/2023
Supervised By :mohammad ahmed 11/25/2023



#7
2-Methylnaphthalene
Concen: 0.083 ng/ul
RT: 12.315 min Scan# 2088
Delta R.T. 0.005 min
Lab File: BM042963.D
Acq: 22 Nov 2023 21:45

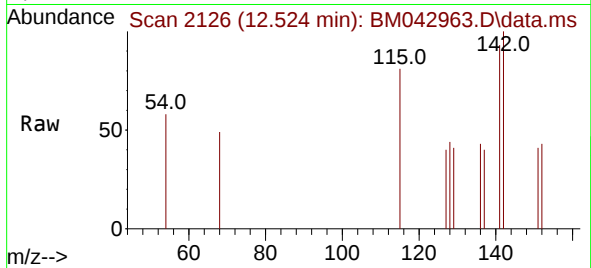
Tgt Ion:142 Resp: 237
Ion Ratio Lower Upper
142 100
141 85.7 77.2 115.8





#8
1-Methylnaphthalene
Concen: 0.064 ng/ul
RT: 12.524 min Scan# 2126
Delta R.T. 0.005 min
Lab File: BM042963.D
Acq: 22 Nov 2023 21:45

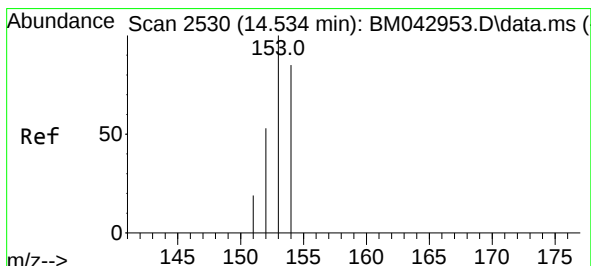
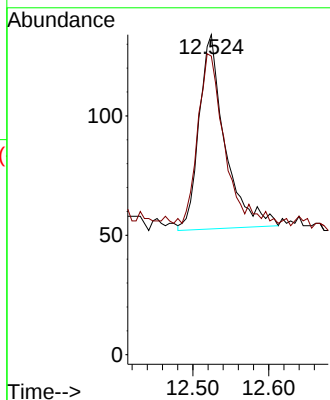
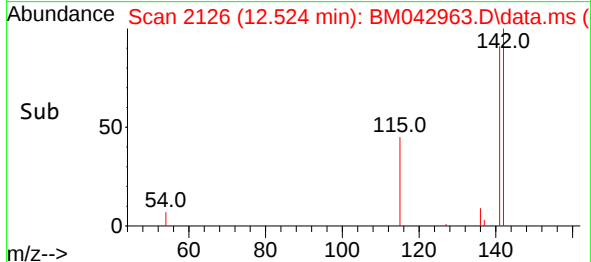
Instrument :
BNA_M
ClientSampleId :
DCKD0



Tgt Ion:142 Resp: 192
Ion Ratio Lower Upper
142 100
141 89.1 74.6 112.0

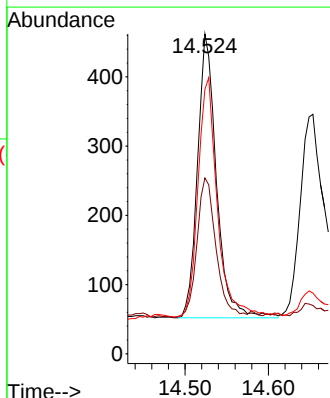
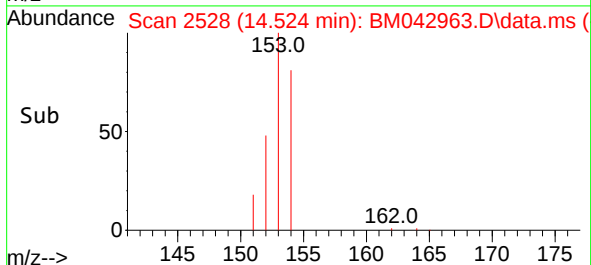
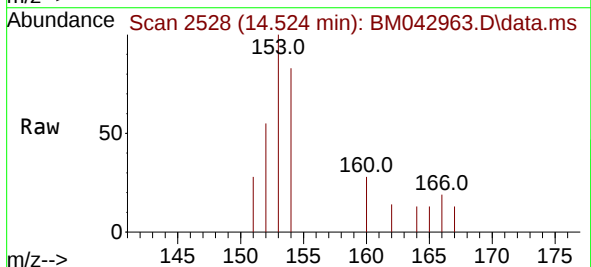
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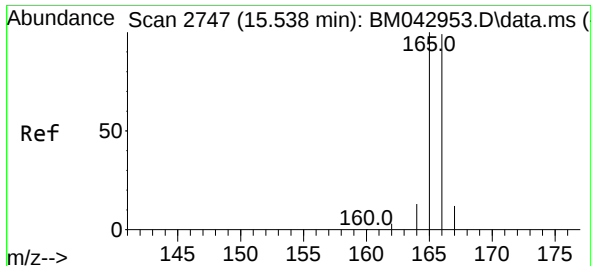
Reviewed By :Yogesh Patel 11/25/2023
Supervised By :mohammad ahmed 11/25/2023



#11
Acenaphthene
Concen: 0.159 ng/ul
RT: 14.524 min Scan# 2528
Delta R.T. -0.009 min
Lab File: BM042963.D
Acq: 22 Nov 2023 21:45

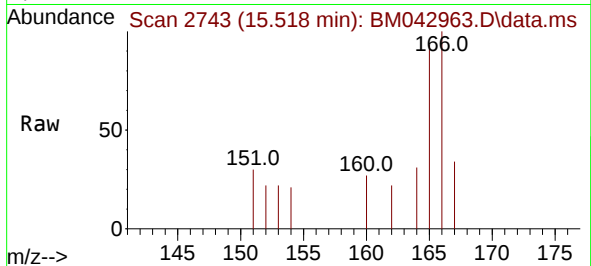
Tgt Ion:153 Resp: 649
Ion Ratio Lower Upper
153 100
152 55.0 43.3 64.9
154 82.7 70.6 105.8





#12
Fluorene
Concen: 0.069 ng/ul
RT: 15.518 min Scan# 21
Delta R.T. -0.009 min
Lab File: BM042963.D
Acq: 22 Nov 2023 21:45

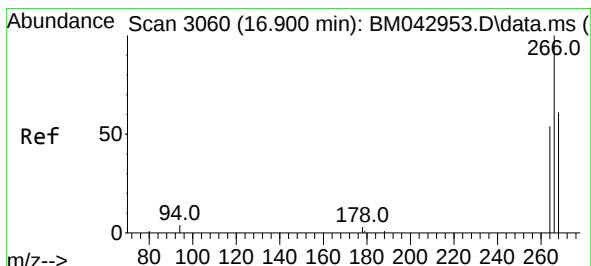
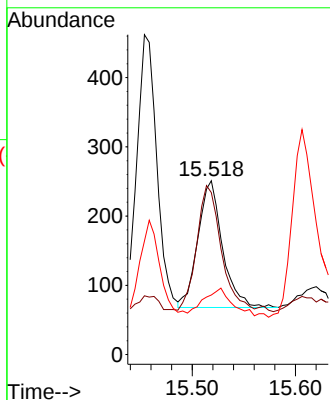
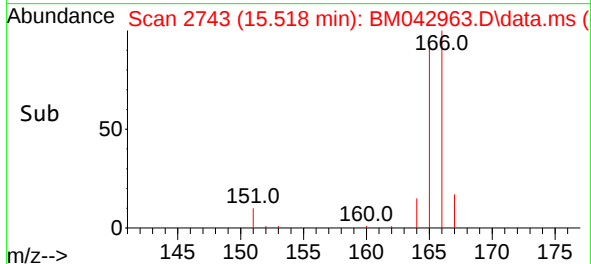
Instrument :
BNA_M
ClientSampleId :
DCKD0



Tgt Ion:166 Resp: 30
Ion Ratio Lower Upper
166 100
165 93.2 84.3 126.5
167 34.3 15.0 22.6

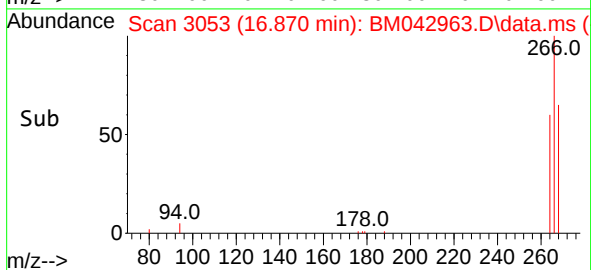
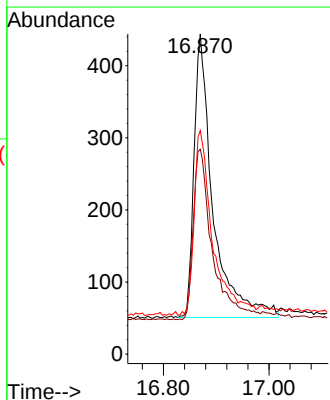
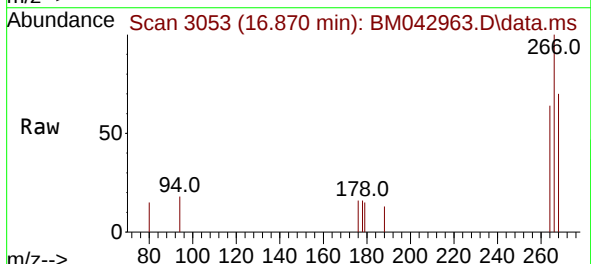
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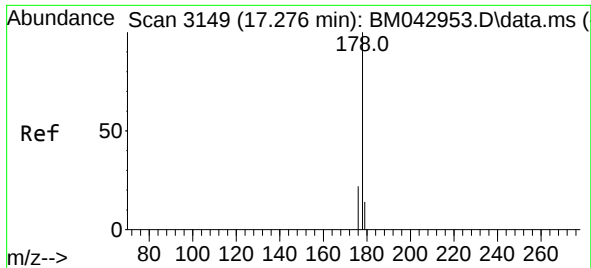
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#14
Pentachlorophenol
Concen: 0.873 ng/ul
RT: 16.870 min Scan# 3053
Delta R.T. -0.021 min
Lab File: BM042963.D
Acq: 22 Nov 2023 21:45

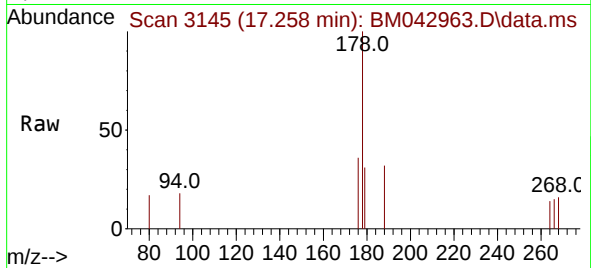
Tgt Ion:266 Resp: 981
Ion Ratio Lower Upper
266 100
264 63.6 52.2 78.2
268 64.3 48.0 72.0





#15
Phenanthrene
Concen: 0.065 ng/ul m
RT: 17.258 min Scan# 3145
Delta R.T. -0.013 min
Lab File: BM042963.D
Acq: 22 Nov 2023 21:45

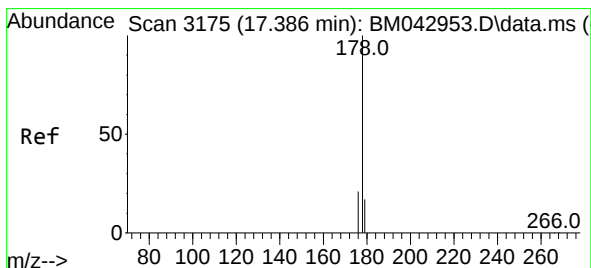
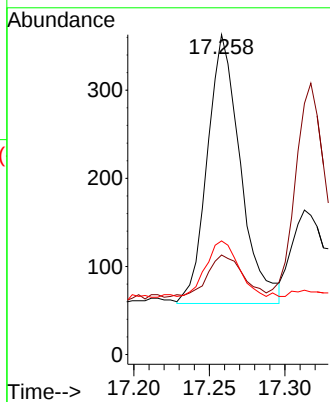
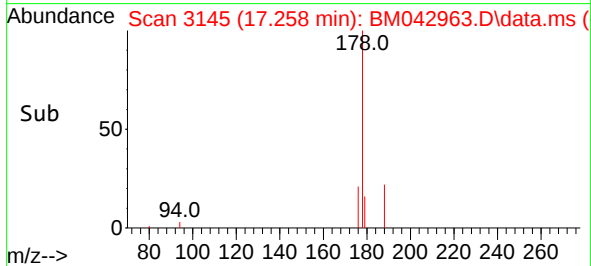
Instrument :
BNA_M
ClientSampleId :
DCKD0



Tgt Ion:178 Resp: 464
Ion Ratio Lower Upper
178 100
179 31.1 14.9 22.3#
176 35.5 18.6 27.8#

Manual Integrations
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Supervised By :mohammad ahmed 11/25/2023



#16
Anthracene
Concen: 0.054 ng/ul m
RT: 17.351 min Scan# 3167
Delta R.T. -0.021 min
Lab File: BM042963.D
Acq: 22 Nov 2023 21:45

Tgt Ion:178 Resp: 399
Ion Ratio Lower Upper
178 100
179 36.1 16.6 24.8#
176 35.4 20.3 30.5#

