

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
 Data File : BM043036.D
 Acq On : 26 Nov 2023 04:20
 Operator : MA/JU
 Sample : 05336-09
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCKC7

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/28/2023
 Supervised By :mohammad ahmed 11/28/2023

Quant Time: Nov 27 02:46:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 27 02:36:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.813	152	1039m	0.400	ng/ul	-0.07
4) Naphthalene-d8	10.611	136	3221	0.400	ng/ul	#-0.04
9) Acenaphthene-d10	14.454	164	2172m	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.212	188	4190m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.412	240	2324m	0.400	ng/ul	-0.01
23) Perylene-d12	23.759	264	3431m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.160	96	4404	2.763	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.233	152	1066	0.247	ng/ul	-0.02
18) Fluoranthene-d10	19.242	212	2819	0.333	ng/ul	-0.02
Target Compounds						
8) 1-Methylnaphthalene	12.508	142	1000	0.174	ng/ul	Qvalue 98
11) Acenaphthene	14.515	153	18484	2.201	ng/ul	96
12) Fluorene	15.509	166	4046	0.469	ng/ul	98
14) Pentachlorophenol	16.861	266	1501	1.323	ng/ul	96
15) Phenanthrene	17.254	178	1808	0.151	ng/ul	99
19) Fluoranthene	19.275	202	1132	0.086	ng/ul#	89

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

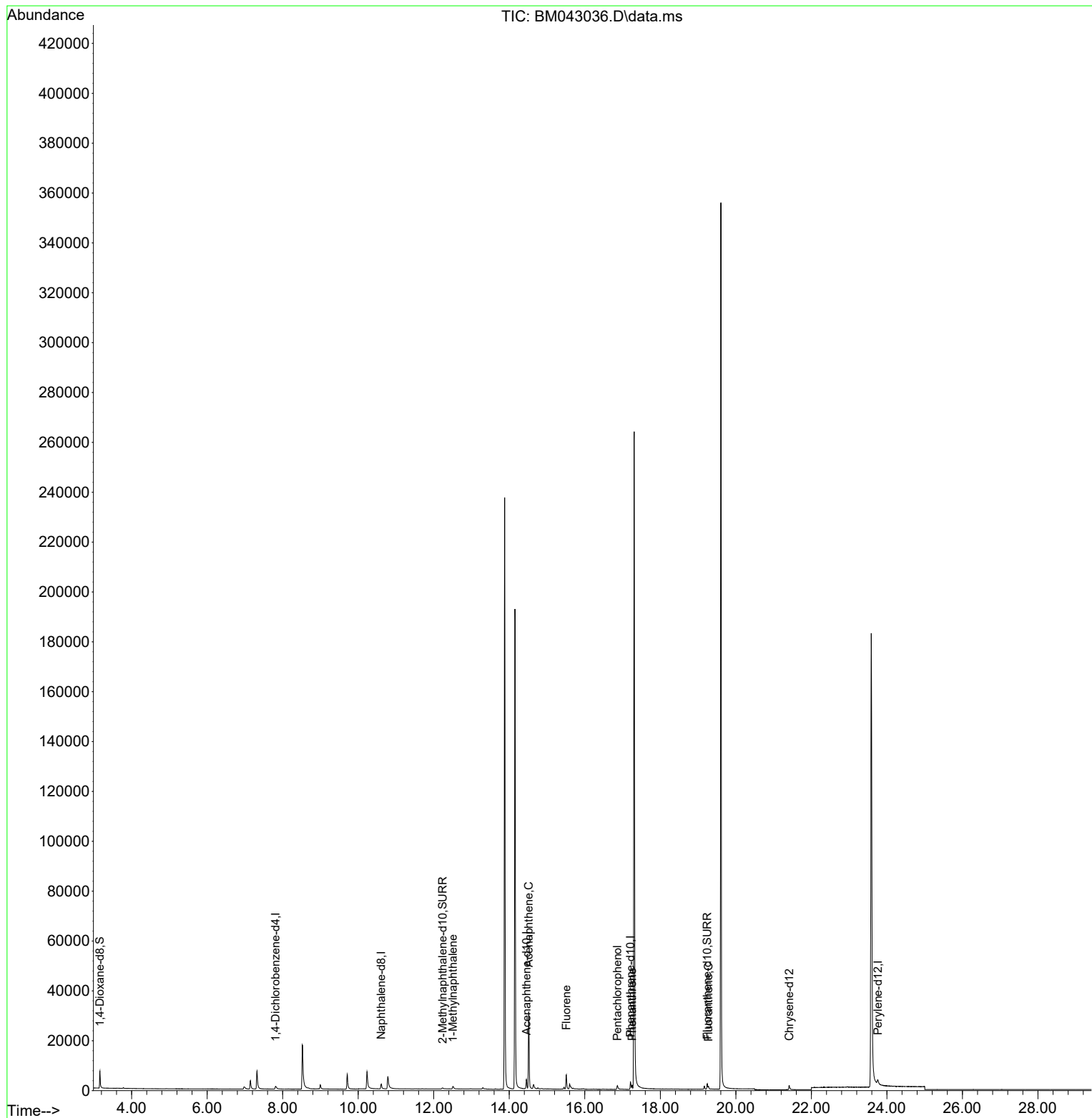
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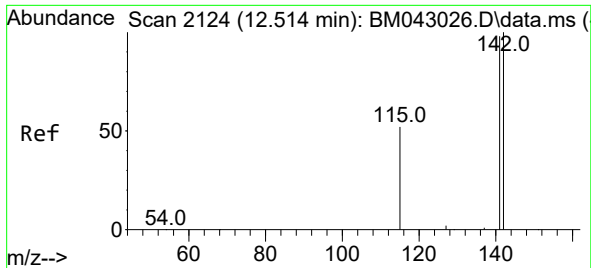
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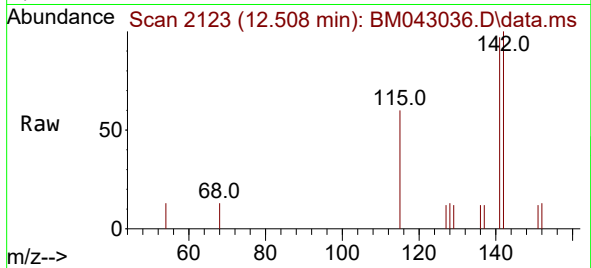
Quant Time: Nov 27 02:46:03 2023
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 27 02:36:19 2023
Response via : Initial Calibration





#8
1-Methylnaphthalene
Concen: 0.174 ng/ul
RT: 12.508 min Scan# 2123
Delta R.T. -0.011 min
Lab File: BM043036.D
Acq: 26 Nov 2023 04:20

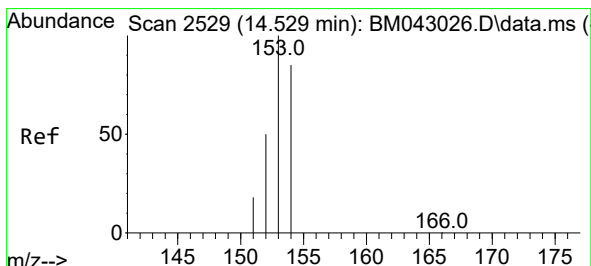
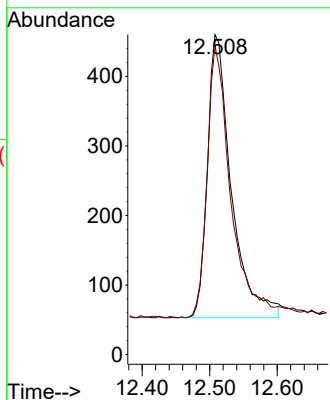
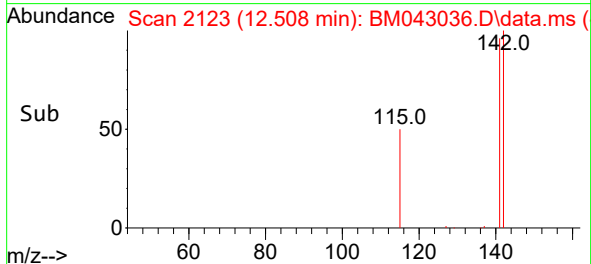
Instrument :
BNA_M
ClientSampleId :
DCKC7



Tgt Ion:142 Resp: 1000
Ion Ratio Lower Upper
142 100
141 94.3 73.8 110.8

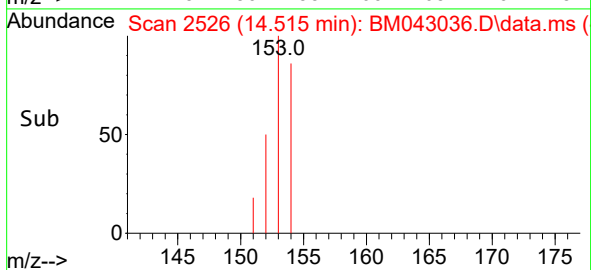
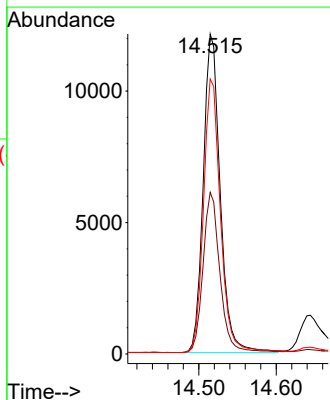
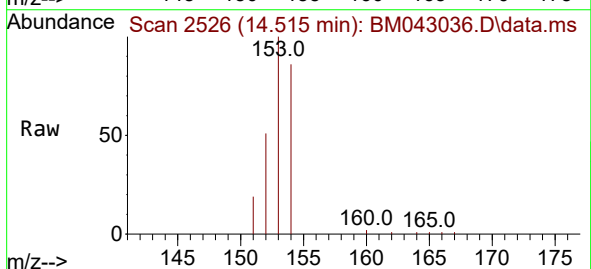
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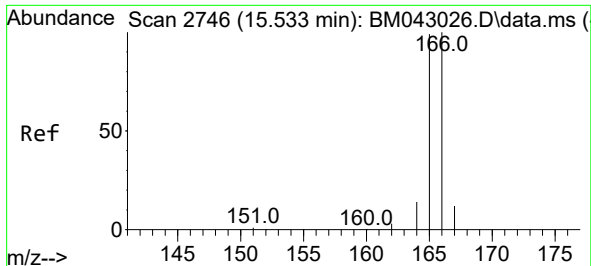
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#11
Acenaphthene
Concen: 2.201 ng/ul
RT: 14.515 min Scan# 2526
Delta R.T. -0.018 min
Lab File: BM043036.D
Acq: 26 Nov 2023 04:20

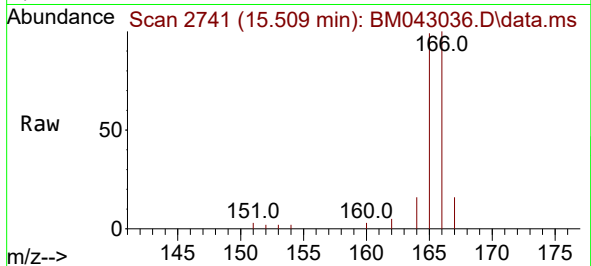
Tgt Ion:153 Resp: 18484
Ion Ratio Lower Upper
153 100
152 50.5 43.9 65.9
154 85.9 70.6 105.8





#12
Fluorene
Concen: 0.469 ng/ul
RT: 15.509 min Scan# 21
Delta R.T. -0.028 min
Lab File: BM043036.D
Acq: 26 Nov 2023 04:20

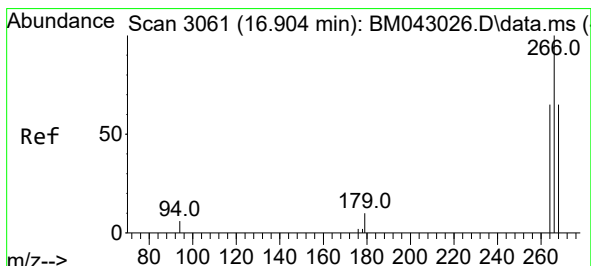
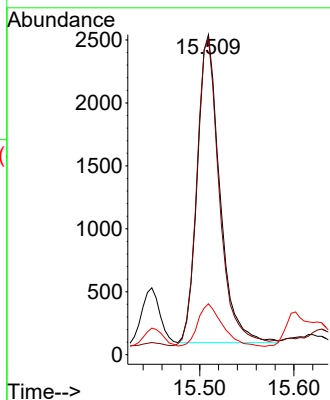
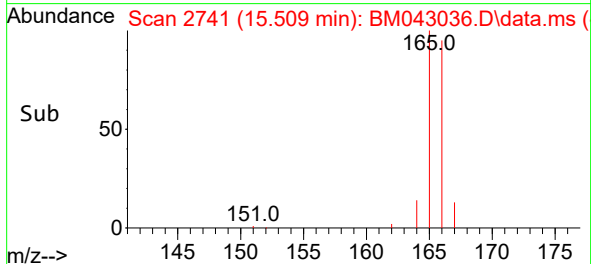
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Tgt Ion:166 Resp: 404
Ion Ratio Lower Upper
166 100
165 98.9 79.9 119.9
167 15.9 14.2 21.4

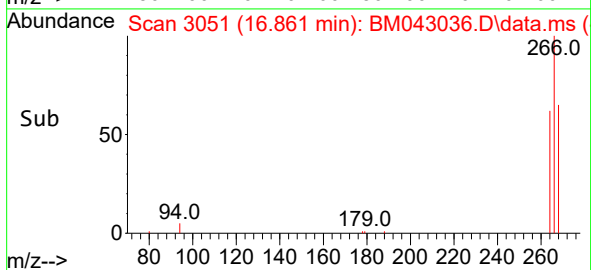
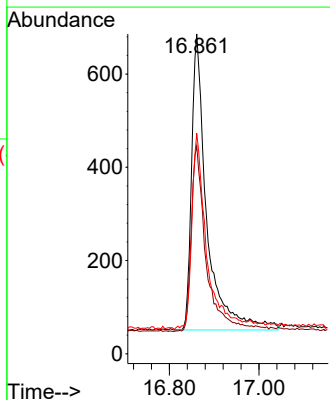
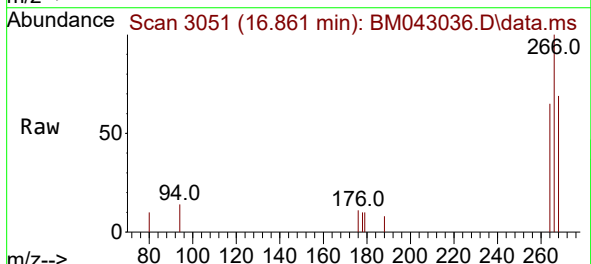
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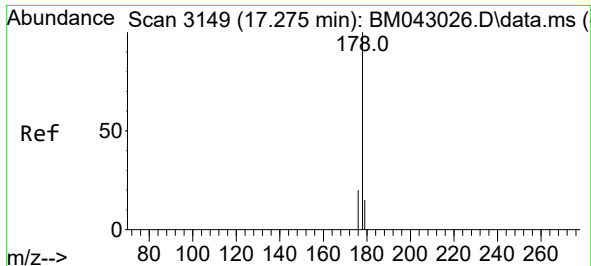
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#14
Pentachlorophenol
Concen: 1.323 ng/ul
RT: 16.861 min Scan# 3051
Delta R.T. -0.051 min
Lab File: BM043036.D
Acq: 26 Nov 2023 04:20

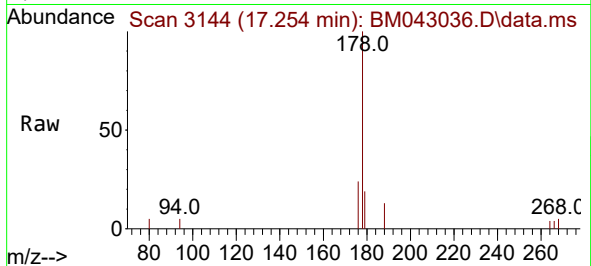
Tgt Ion:266 Resp: 1501
Ion Ratio Lower Upper
266 100
264 61.7 48.8 73.2
268 70.4 51.8 77.6





#15
Phenanthrene
Concen: 0.151 ng/ul
RT: 17.254 min Scan# 3144
Delta R.T. -0.025 min
Lab File: BM043036.D
Acq: 26 Nov 2023 04:20

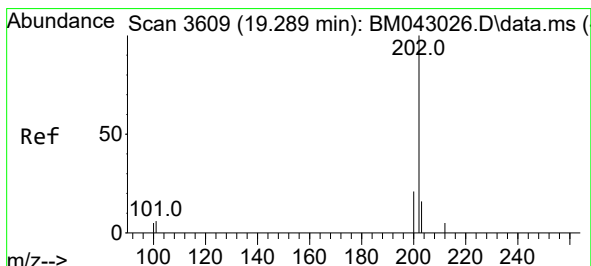
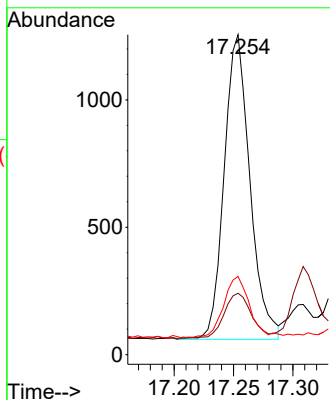
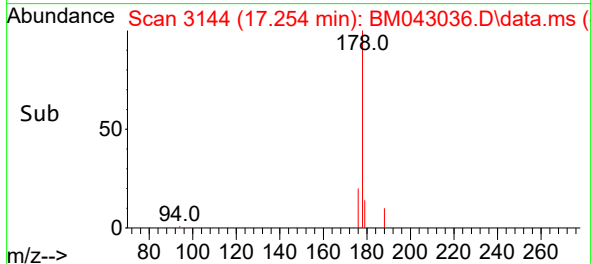
Instrument :
BNA_M
ClientSampleId :
DCKC7



Tgt Ion:178 Resp: 1808
Ion Ratio Lower Upper
178 100
179 19.2 15.7 23.5
176 24.4 18.9 28.3

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#19
Fluoranthene
Concen: 0.086 ng/ul
RT: 19.275 min Scan# 3606
Delta R.T. -0.019 min
Lab File: BM043036.D
Acq: 26 Nov 2023 04:20

Tgt Ion:202 Resp: 1132
Ion Ratio Lower Upper
202 100
101 13.8 7.8 11.8#
100 12.8 7.1 10.7#

