

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110424\
 Data File : BM048444.D
 Acq On : 05 Nov 2024 01:41
 Operator : RC/JU
 Sample : P4625-14
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AC2

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/05/2024
 Supervised By :mohammad ahmed 11/06/2024

Quant Time: Nov 05 02:16:40 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM103124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 31 14:58:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.699	152	5025	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.484	136	15753	0.400	ng/ul	#-0.05
9) Acenaphthene-d10	14.343	164	7998	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.085	188	15152m	0.400	ng/ul	-0.04
17) Chrysene-d12	21.295	240	10650m	0.400	ng/ul	0.00
23) Perylene-d12	23.508	264	6879m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	30758	4.984	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.107	152	6586	0.329	ng/ul	-0.03
18) Fluoranthene-d10	19.117	212	14215	0.526	ng/ul	-0.02
Target Compounds						Qvalue
5) Naphthalene	10.534	128	8154	0.198	ng/ul	99
7) 2-Methylnaphthalene	12.183	142	770	0.031	ng/ul	100
8) 1-Methylnaphthalene	12.398	142	719	0.028	ng/ul	99
11) Acenaphthene	14.404	153	1091	0.044	ng/ul	97
12) Fluorene	15.394	166	1287	0.047	ng/ul#	97
15) Phenanthrene	17.127	178	3482m	0.092	ng/ul	
16) Anthracene	17.216	178	855m	0.024	ng/ul	
19) Fluoranthene	19.145	202	1035	0.028	ng/ul#	73

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

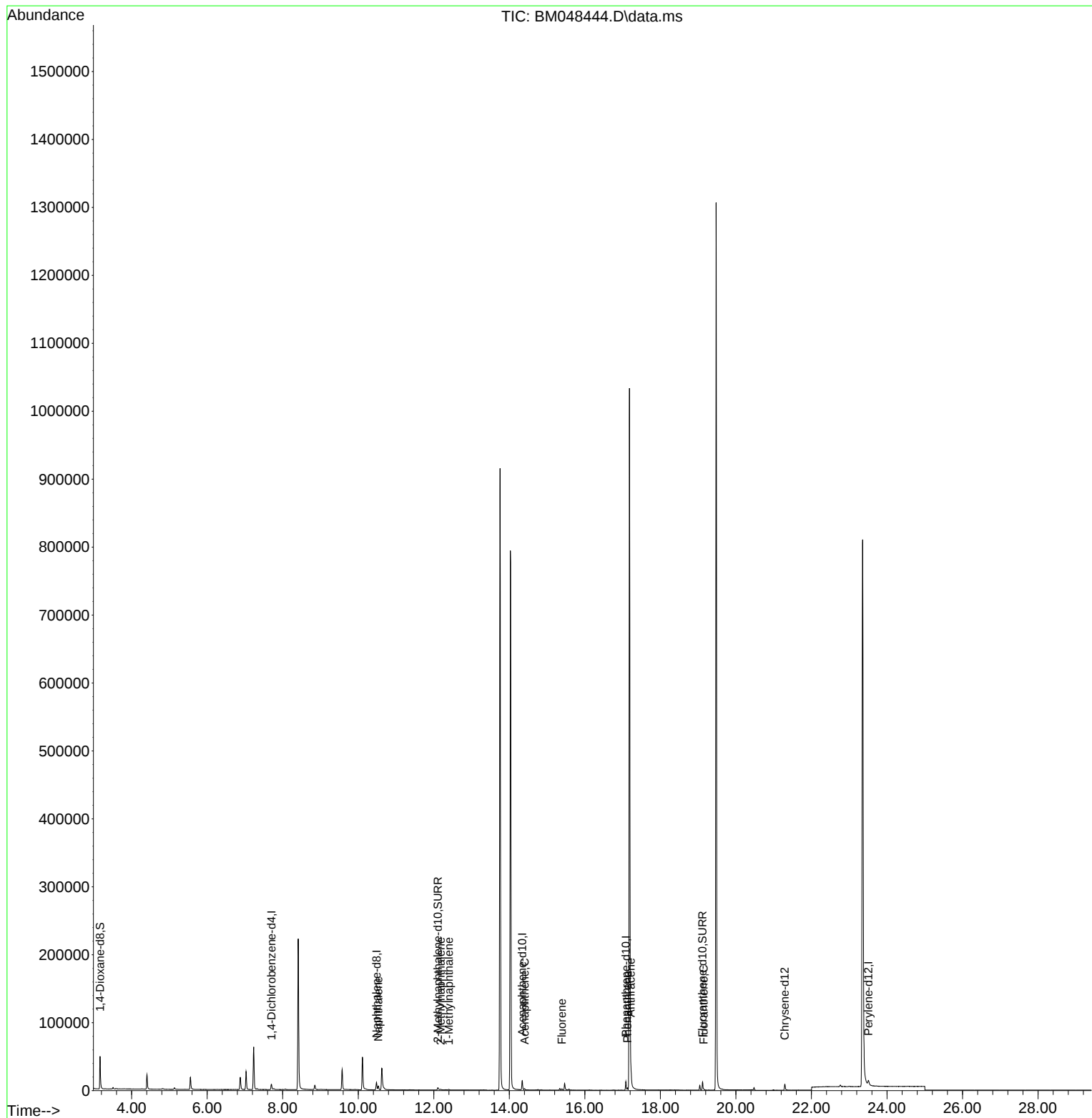
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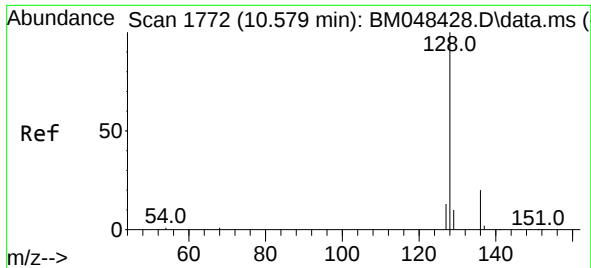
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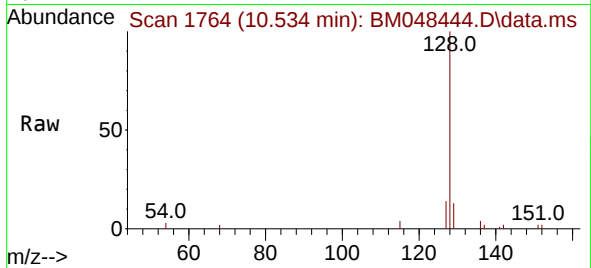
Quant Time: Nov 05 02:16:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM103124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 31 14:58:12 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.198 ng/ul
RT: 10.534 min Scan# 1772
Delta R.T. -0.045 min
Lab File: BM048444.D
Acq: 05 Nov 2024 01:41

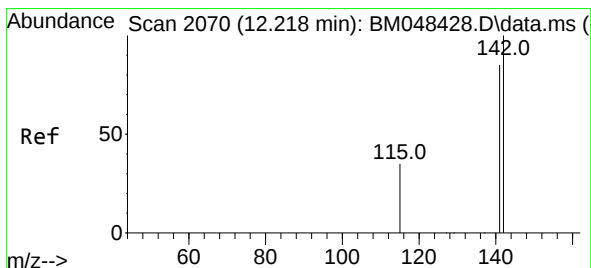
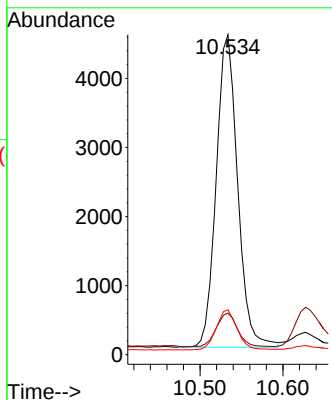
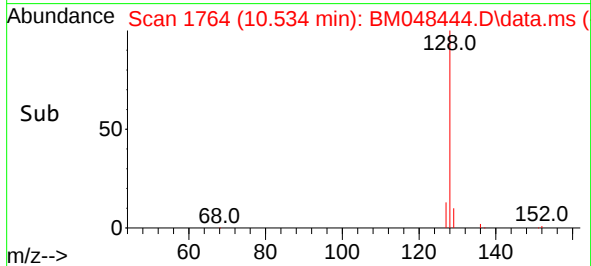
Instrument :
BNA_M
ClientSampleId :
C0AC2



Tgt Ion:128 Resp: 8154
Ion Ratio Lower Upper
128 100
129 13.0 10.6 15.8
127 14.1 11.4 17.2

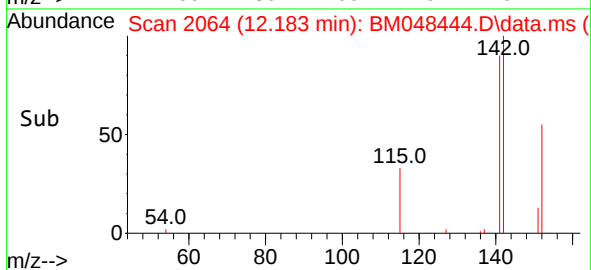
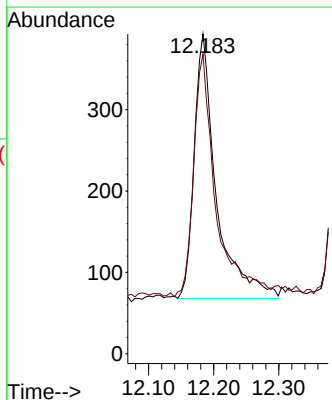
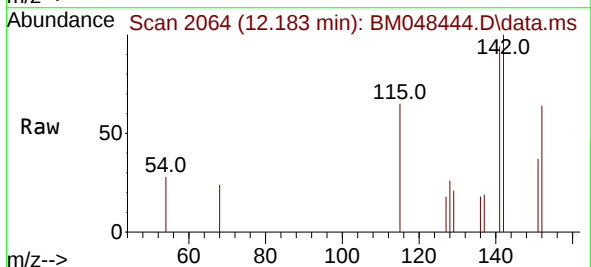
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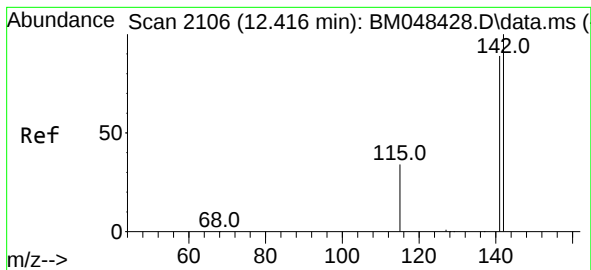
Reviewed By :Jagrut Upadhyay 11/05/2024
Supervised By :mohammad ahmed 11/06/2024



#7
2-Methylnaphthalene
Concen: 0.031 ng/ul
RT: 12.183 min Scan# 2064
Delta R.T. -0.029 min
Lab File: BM048444.D
Acq: 05 Nov 2024 01:41

Tgt Ion:142 Resp: 770
Ion Ratio Lower Upper
142 100
141 90.1 72.2 108.2





#8

1-Methylnaphthalene

Concen: 0.028 ng/ul

RT: 12.398 min Scan# 2106

Delta R.T. -0.018 min

Lab File: BM048444.D

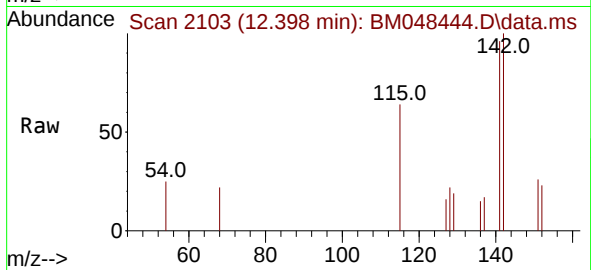
Acq: 05 Nov 2024 01:41

Instrument :

BNA_M

ClientSampleId :

C0AC2



Tgt Ion:142 Resp: 719

Ion Ratio Lower Upper

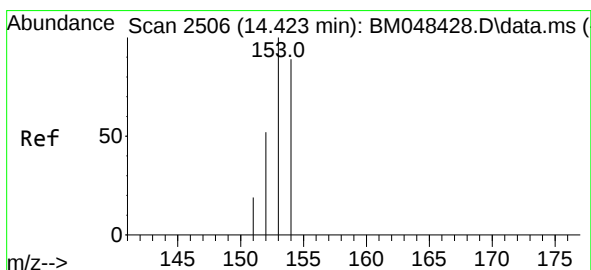
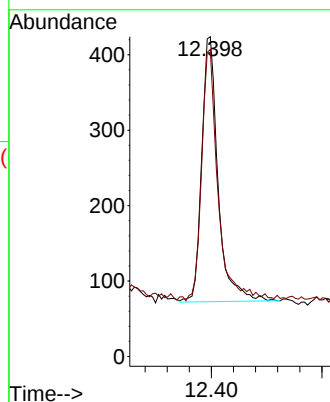
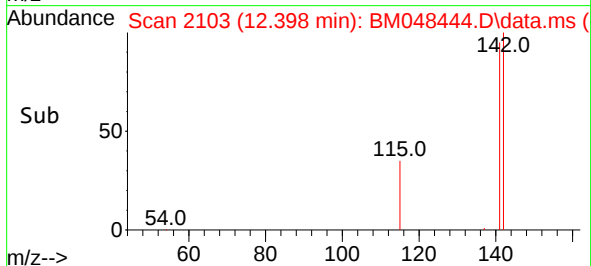
142 100

141 95.1 75.5 113.3

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#11

Acenaphthene

Concen: 0.044 ng/ul

RT: 14.404 min Scan# 2502

Delta R.T. -0.024 min

Lab File: BM048444.D

Acq: 05 Nov 2024 01:41

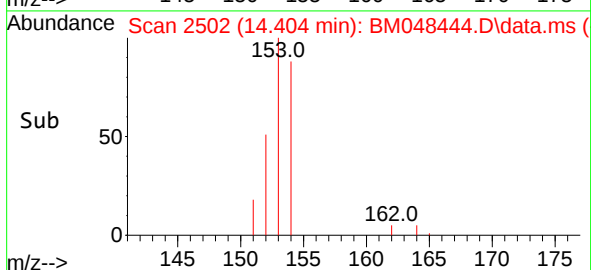
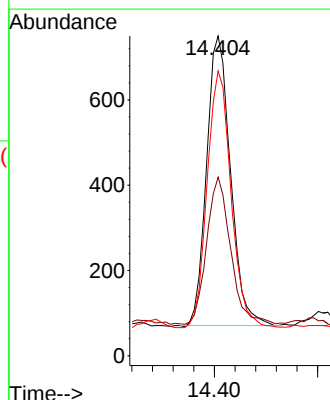
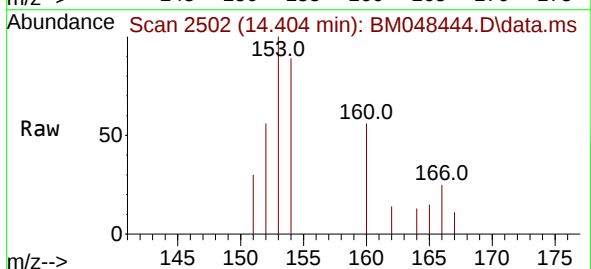
Tgt Ion:153 Resp: 1091

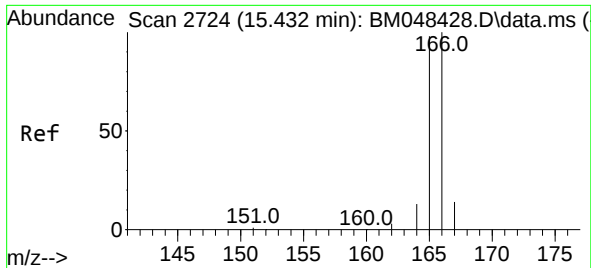
Ion Ratio Lower Upper

153 100

152 55.9 40.7 61.1

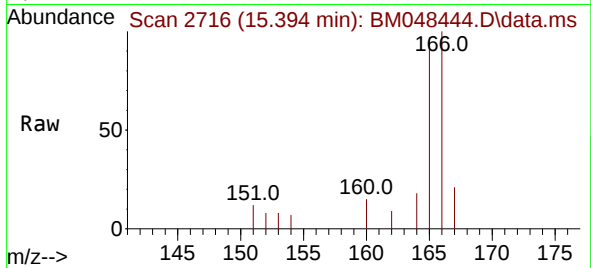
154 89.1 70.6 106.0





#12
Fluorene
Concen: 0.047 ng/ul
RT: 15.394 min Scan# 21
Delta R.T. -0.038 min
Lab File: BM048444.D
Acq: 05 Nov 2024 01:41

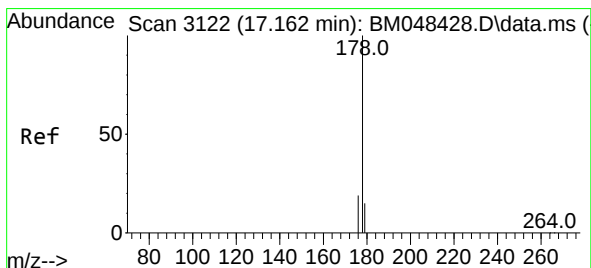
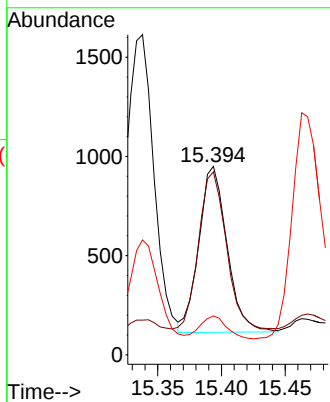
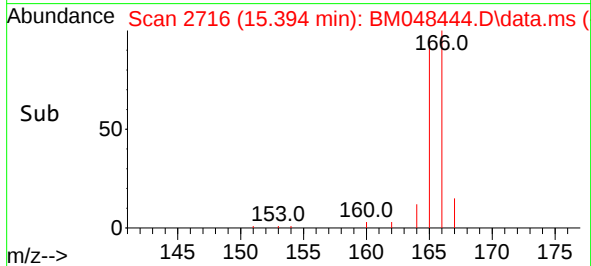
Instrument :
BNA_M
ClientSampleId :
C0AC2



Tgt Ion:166 Resp: 128
Ion Ratio Lower Upper
166 100
165 97.2 78.6 118.0
167 20.6 12.1 18.1

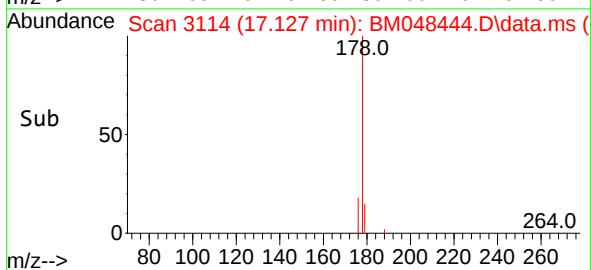
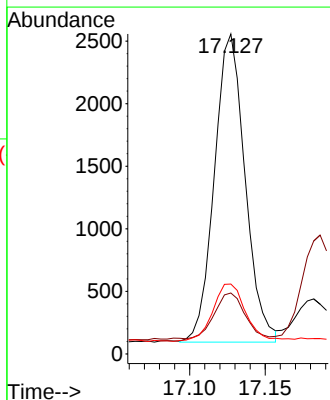
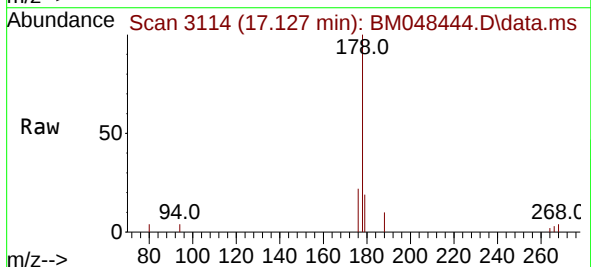
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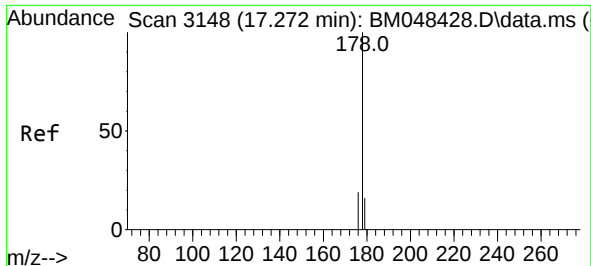
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#15
Phenanthrene
Concen: 0.092 ng/ul m
RT: 17.127 min Scan# 3114
Delta R.T. -0.031 min
Lab File: BM048444.D
Acq: 05 Nov 2024 01:41

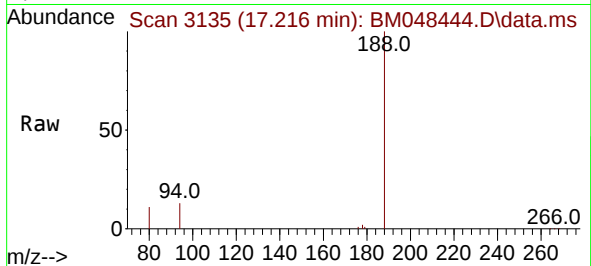
Tgt Ion:178 Resp: 3482
Ion Ratio Lower Upper
178 100
179 19.0 13.9 20.9
176 21.9 16.0 24.0





#16
 Anthracene
 Concen: 0.024 ng/ul m
 RT: 17.216 min Scan# 3148
 Delta R.T. -0.044 min
 Lab File: BM048444.D
 Acq: 05 Nov 2024 01:41

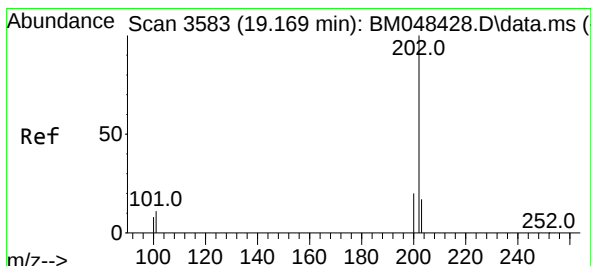
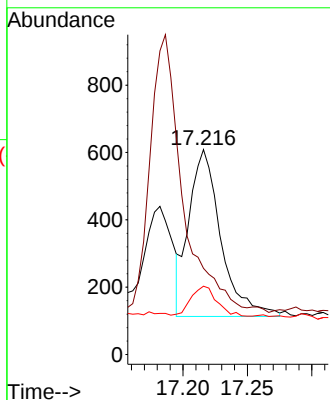
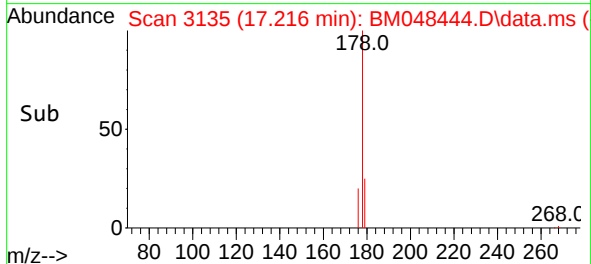
Instrument :
 BNA_M
 ClientSampleId :
 C0AC2



Tgt Ion:178 Resp: 85
 Ion Ratio Lower Upper
 178 100
 179 42.0 14.2 21.2
 176 33.3 15.8 23.6

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#19
 Fluoranthene
 Concen: 0.028 ng/ul
 RT: 19.145 min Scan# 3578
 Delta R.T. -0.025 min
 Lab File: BM048444.D
 Acq: 05 Nov 2024 01:41

Tgt Ion:202 Resp: 1035
 Ion Ratio Lower Upper
 202 100
 101 21.8 9.0 13.4#
 100 17.8 6.6 10.0#

