

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080124\
 Data File : BN033131.D
 Acq On : 31 Jul 2024 14:47
 Operator : MA/JU
 Sample : P3336-16
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F7E44

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 08/01/2024
 Supervised By :mohammad ahmed 08/13/2024

Quant Time: Jul 31 15:53:59 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 14:49:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.491	152	2119	0.400	ng/ul	-0.06
4) Naphthalene-d8	10.246	136	6217	0.400	ng/ul	-0.07
9) Acenaphthene-d10	14.134	164	4352	0.400	ng/ul	#-0.03
13) Phenanthrene-d10	16.903	188	9955m	0.400	ng/ul	-0.04
17) Chrysene-d12	21.154	240	10193	0.400	ng/ul	0.00
23) Perylene-d12	23.334	264	7151m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.048	96	8655	3.229	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.884	152	2118	0.209	ng/ul	-0.04
18) Fluoranthene-d10	18.954	212	5678	0.197	ng/ul	-0.02
Target Compounds						Qvalue
5) Naphthalene	10.301	128	1430	0.090	ng/ul#	89
8) 1-Methylnaphthalene	12.181	142	249	0.021	ng/ul	93
11) Acenaphthene	14.199	153	496	0.037	ng/ul#	89
12) Fluorene	15.203	166	674	0.043	ng/ul#	93
15) Phenanthrene	16.941	178	2703m	0.101	ng/ul	
16) Anthracene	17.034	178	895m	0.037	ng/ul	
19) Fluoranthene	18.986	202	2696	0.080	ng/ul#	68
20) Pyrene	19.344	202	1721	0.048	ng/ul#	21
22) Chrysene	21.195	228	950	0.023	ng/ul#	79

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

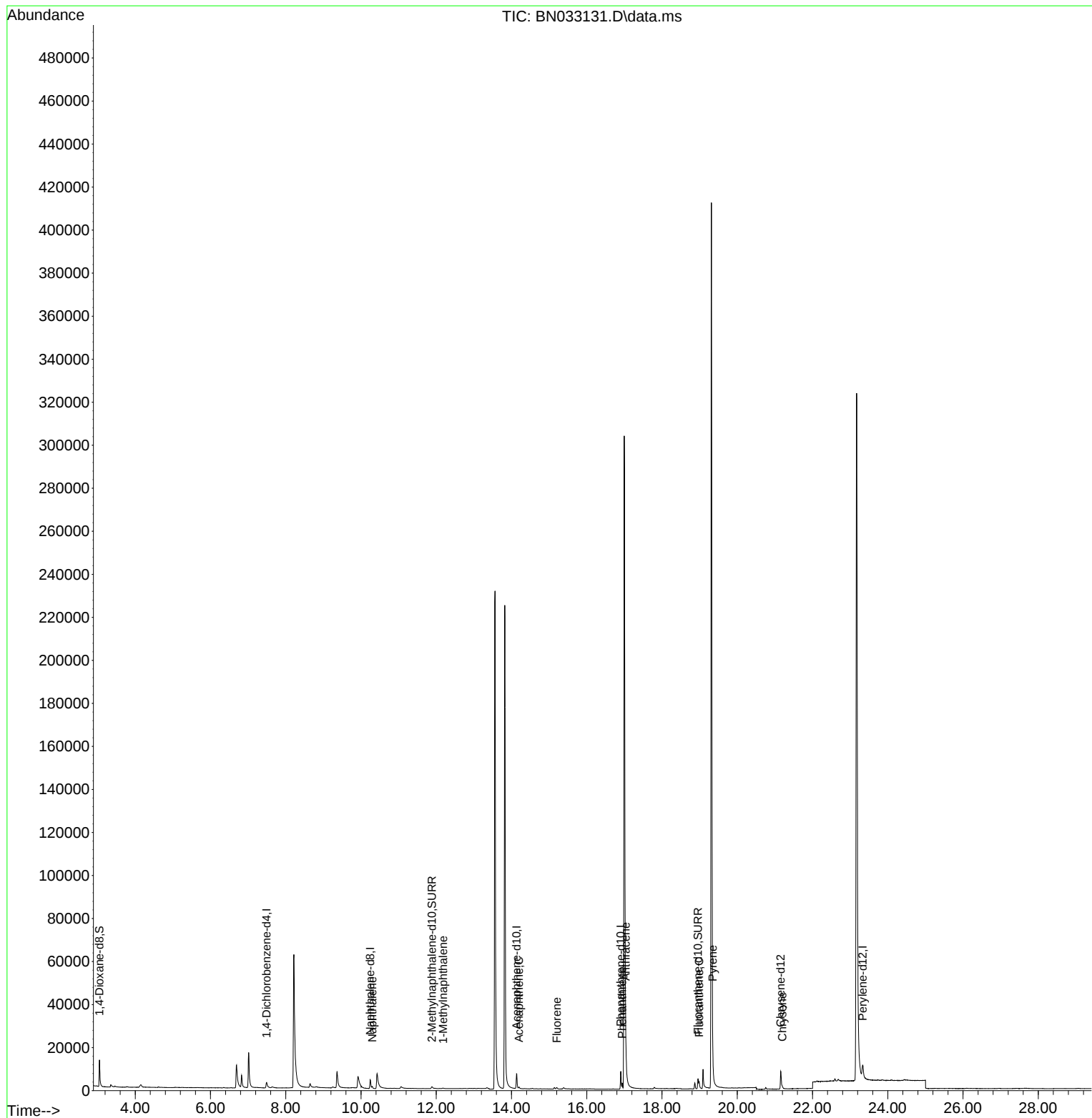
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080124\
Data File : BN033131.D
Acq On : 31 Jul 2024 14:47
Operator : MA/JU
Sample : P3336-16
Misc :
ALS Vial : 9 Sample Multiplier: 1

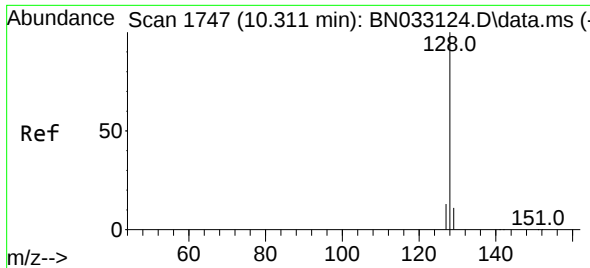
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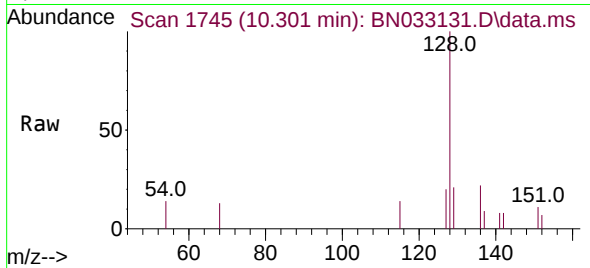
Quant Time: Jul 31 15:53:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 14:49:49 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.090 ng/ul
RT: 10.301 min Scan# 1745
Delta R.T. -0.077 min
Lab File: BN033131.D
Acq: 31 Jul 2024 14:47

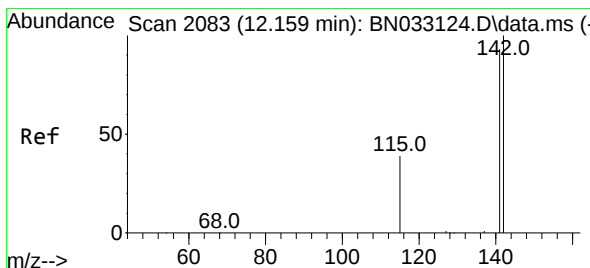
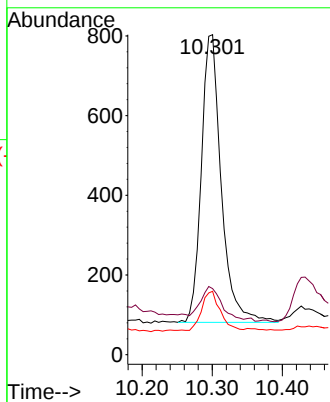
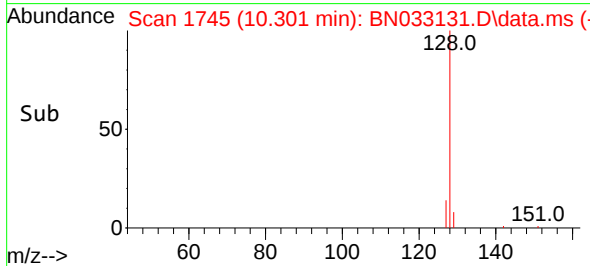
Instrument :
BNA_N
ClientSampleId :
F7E44



Tgt Ion:128 Resp: 1430
Ion Ratio Lower Upper
128 100
129 20.7 12.0 18.0
127 19.8 12.7 19.1

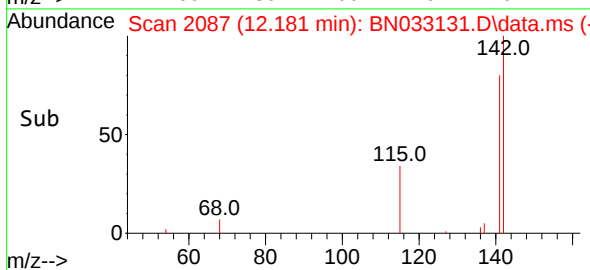
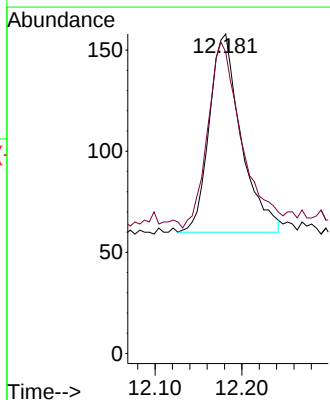
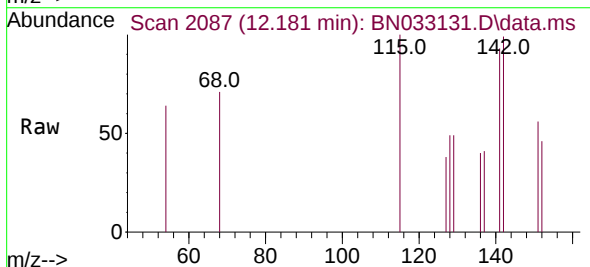
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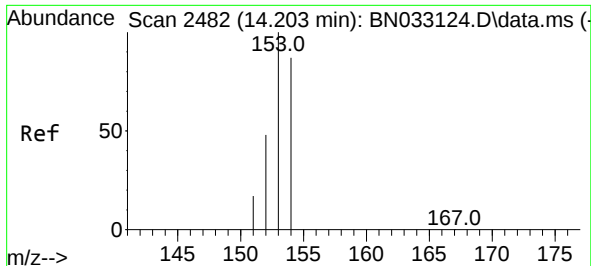
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/13/2024



#8
1-Methylnaphthalene
Concen: 0.021 ng/ul
RT: 12.181 min Scan# 2087
Delta R.T. -0.016 min
Lab File: BN033131.D
Acq: 31 Jul 2024 14:47

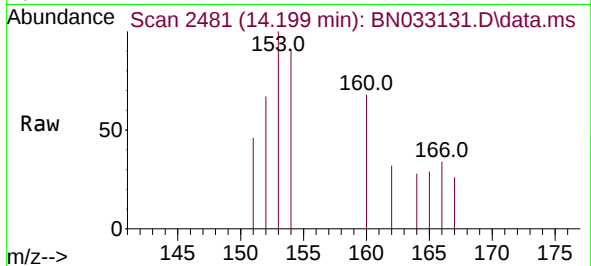
Tgt Ion:142 Resp: 249
Ion Ratio Lower Upper
142 100
141 99.2 74.3 111.5





#11
Acenaphthene
Concen: 0.037 ng/ul
RT: 14.199 min Scan# 2481
Delta R.T. -0.027 min
Lab File: BN033131.D
Acq: 31 Jul 2024 14:47

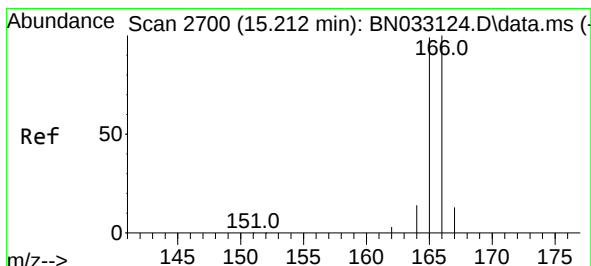
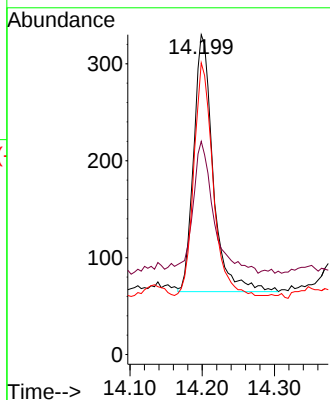
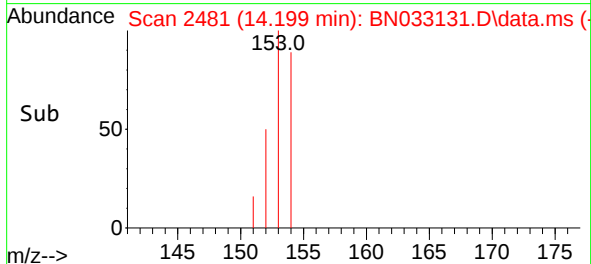
Instrument :
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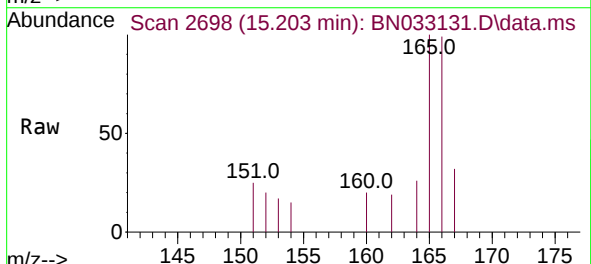
Tgt Ion:153 Resp: 490
Ion Ratio Lower Upper
153 100
152 66.7 40.0 60.0
154 91.2 70.1 105.1

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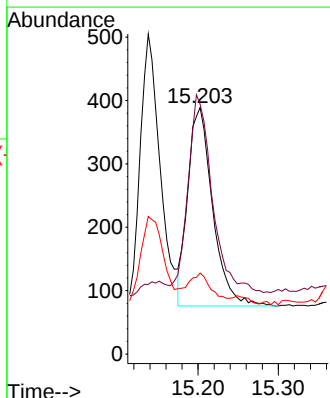
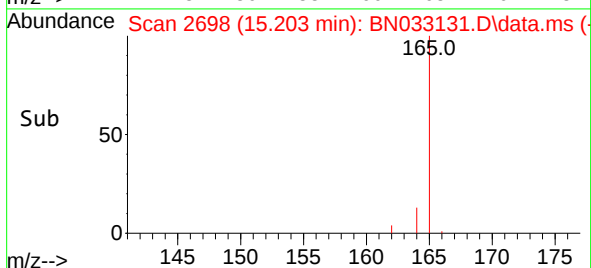
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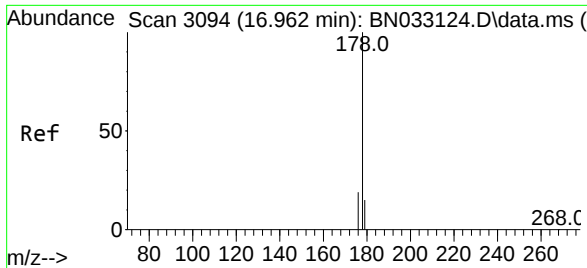


#12
Fluorene
Concen: 0.043 ng/ul
RT: 15.203 min Scan# 2698
Delta R.T. -0.046 min
Lab File: BN033131.D
Acq: 31 Jul 2024 14:47



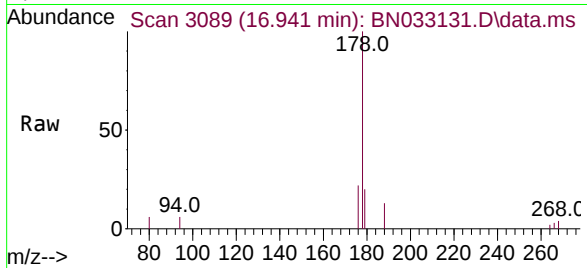
Tgt Ion:166 Resp: 674
Ion Ratio Lower Upper
166 100
165 101.3 79.6 119.4
167 32.9 12.2 18.4





#15
Phenanthrene
Concen: 0.101 ng/ul m
RT: 16.941 min Scan# 3094
Delta R.T. -0.042 min
Lab File: BN033131.D
Acq: 31 Jul 2024 14:47

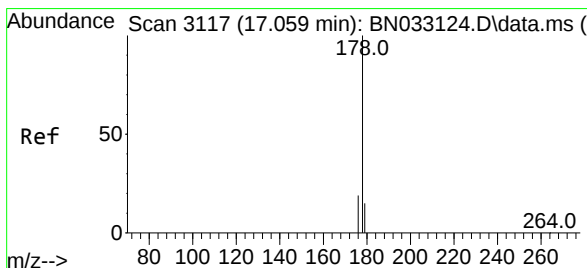
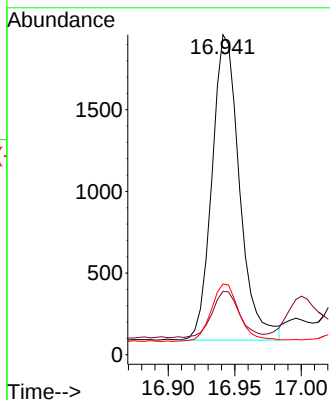
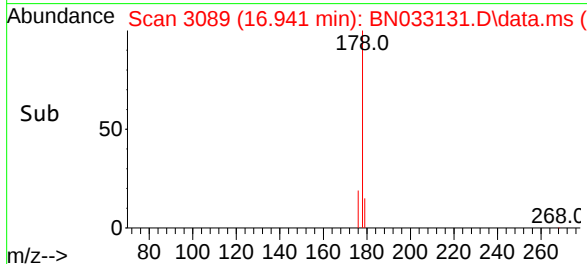
Instrument :
BNA_N
ClientSampleId :
F7E44



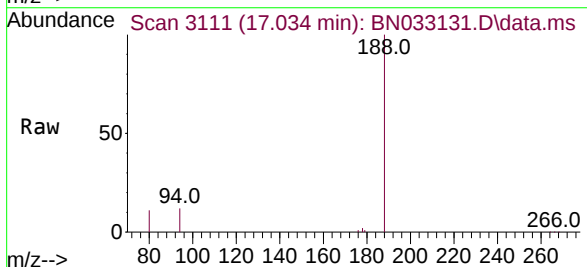
Tgt Ion:178 Resp: 270
Ion Ratio Lower Upper
178 100
179 19.8 13.7 20.5
176 22.1 15.9 23.9

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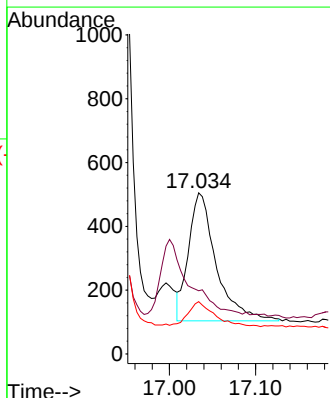
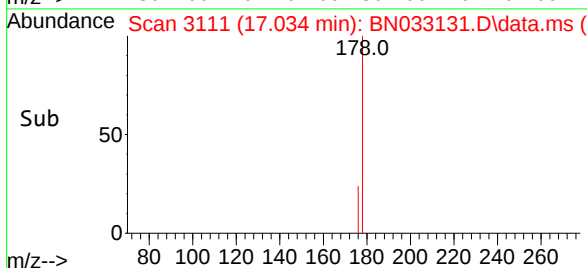
Reviewed By :Jagrut Upadhyay 08/01/2024
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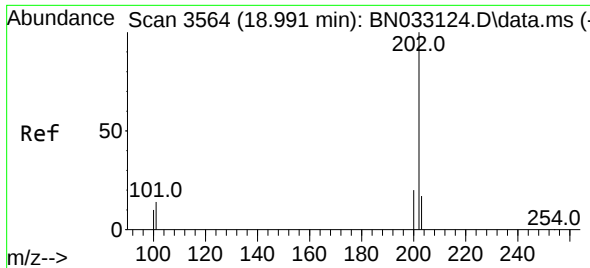


#16
Anthracene
Concen: 0.037 ng/ul m
RT: 17.034 min Scan# 3111
Delta R.T. -0.055 min
Lab File: BN033131.D
Acq: 31 Jul 2024 14:47



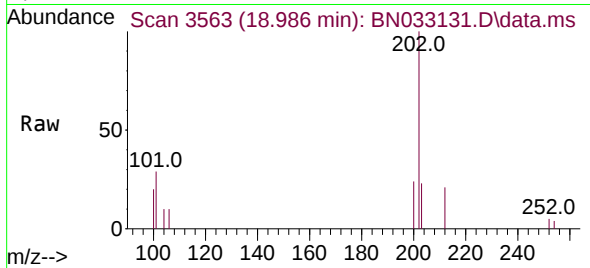
Tgt Ion:178 Resp: 895
Ion Ratio Lower Upper
178 100
179 39.2 14.3 21.5#
176 32.5 15.8 23.8#





#19
Fluoranthene
Concen: 0.080 ng/ul
RT: 18.986 min Scan# 3563
Delta R.T. -0.018 min
Lab File: BN033131.D
Acq: 31 Jul 2024 14:47

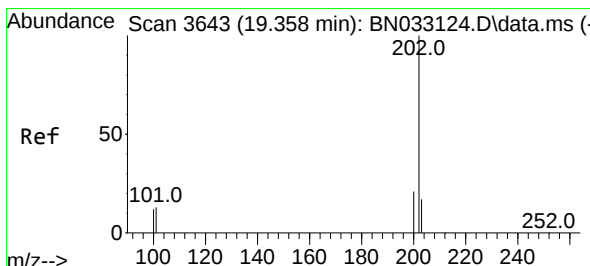
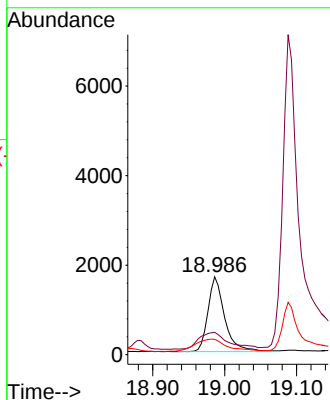
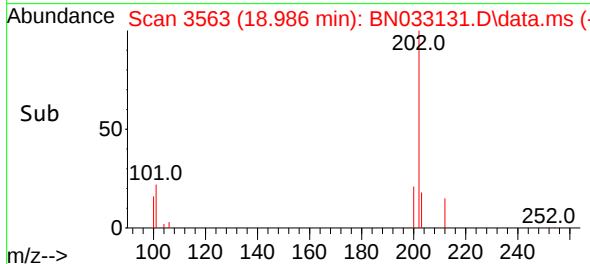
Instrument :
BNA_N
ClientSampleId :
F7E44



Tgt Ion:202 Resp: 2690
Ion Ratio Lower Upper
202 100
101 28.7 10.7 16.1#
100 19.8 8.3 12.5#

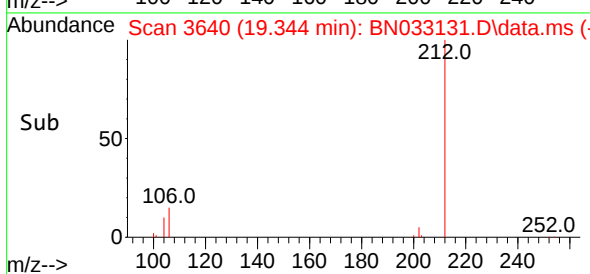
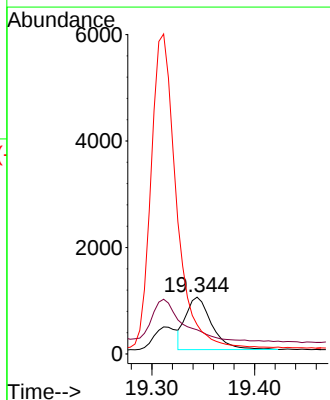
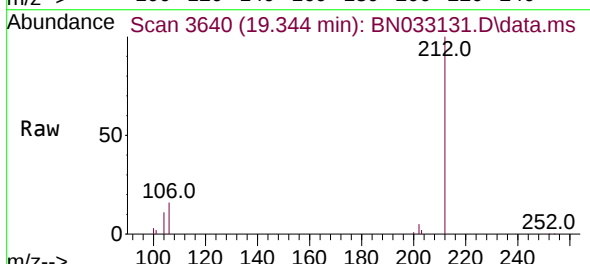
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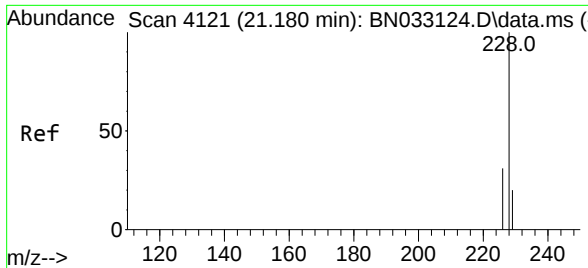
Reviewed By :Jagrut Upadhyay 08/01/2024
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#20
Pyrene
Concen: 0.048 ng/ul
RT: 19.344 min Scan# 3640
Delta R.T. -0.028 min
Lab File: BN033131.D
Acq: 31 Jul 2024 14:47

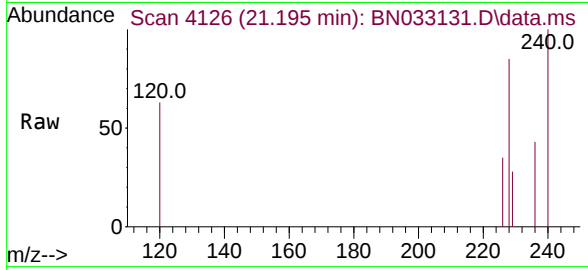
Tgt Ion:202 Resp: 1721
Ion Ratio Lower Upper
202 100
101 42.5 12.6 18.8#
100 51.5 9.9 14.9#





#22
 Chrysene
 Concen: 0.023 ng/ul
 RT: 21.195 min Scan# 4126
 Delta R.T. 0.006 min
 Lab File: BN033131.D
 Acq: 31 Jul 2024 14:47

Instrument :
 BNA_N
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Tgt Ion:	228	Resp:	950
Ion Ratio	Lower	Upper	
228	100		
226	41.0	24.7	37.1
229	33.1	17.0	25.6

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