

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080124\
 Data File : BN033145.D
 Acq On : 31 Jul 2024 23:52
 Operator : MA/JU
 Sample : P3378-05
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AZ7

Manual Integrations
 APPROVED

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

Quant Time: Aug 01 00:19:48 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	7.495	152	2836	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.240	136	9729	0.400	ng/ul	#-0.08
9) Acenaphthene-d10	14.134	164	5719	0.400	ng/ul	-0.03
13) Phenanthrene-d10	16.899	188	12766m	0.400	ng/ul	-0.04
17) Chrysene-d12	21.140	240	10966	0.400	ng/ul	-0.01
23) Perylene-d12	23.311	264	7822m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.052	96	14333	3.995	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.873	152	3321	0.209	ng/ul	-0.05
18) Fluoranthene-d10	18.949	212	8559	0.276	ng/ul	-0.02
Target Compounds				Qvalue		
5) Naphthalene	10.284	128	109934	4.400	ng/ul#	92
7) 2-Methylnaphthalene	11.950	142	6095	0.360	ng/ul	96
8) 1-Methylnaphthalene	12.159	142	8656	0.473	ng/ul	100
11) Acenaphthene	14.194	153	12795	0.727	ng/ul	99
12) Fluorene	15.193	166	6718	0.327	ng/ul	99
15) Phenanthrene	16.941	178	11287m	0.330	ng/ul	
19) Fluoranthene	18.981	202	2836	0.079	ng/ul#	65
20) Pyrene	19.335	202	1978	0.051	ng/ul#	34

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

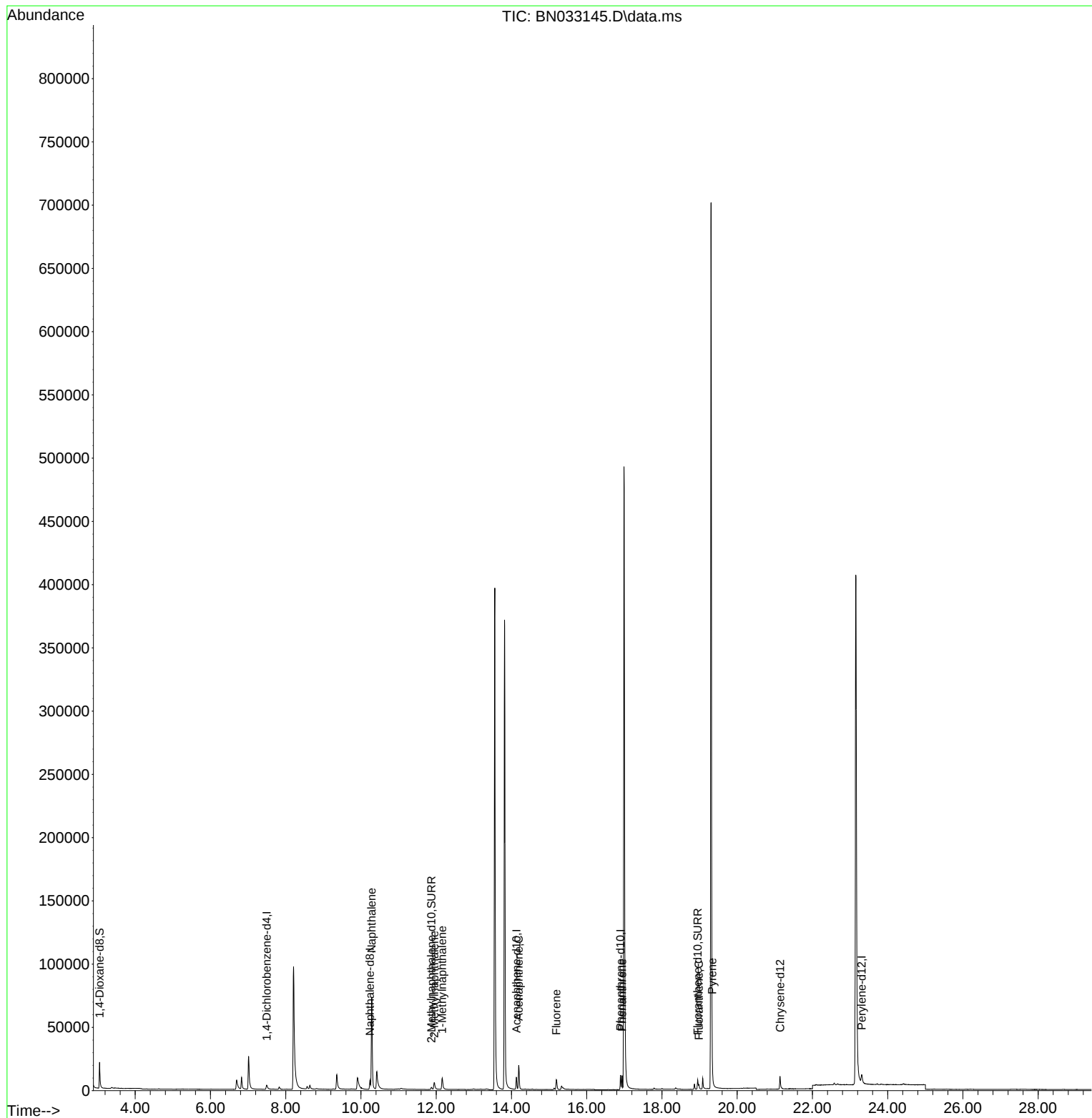
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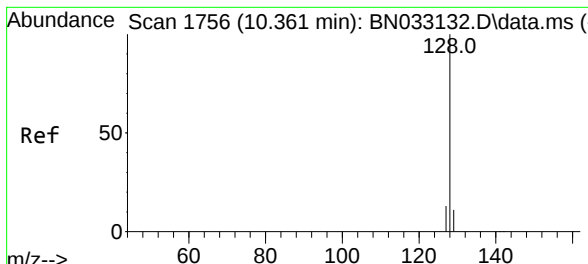
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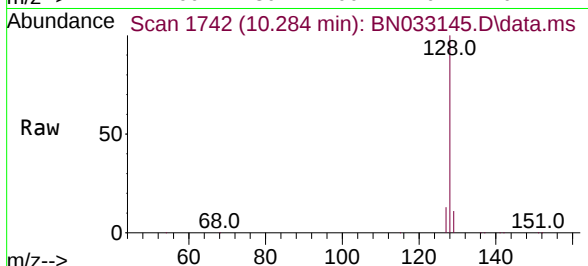
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
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QLast Update : Tue Jul 30 14:49:49 2024
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#5
Naphthalene
Concen: 4.400 ng/ul
RT: 10.284 min Scan# 11
Delta R.T. -0.093 min
Lab File: BN033145.D
Acq: 31 Jul 2024 23:52

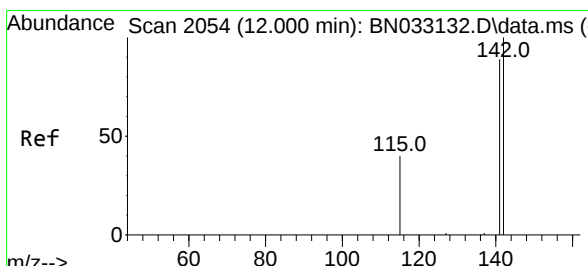
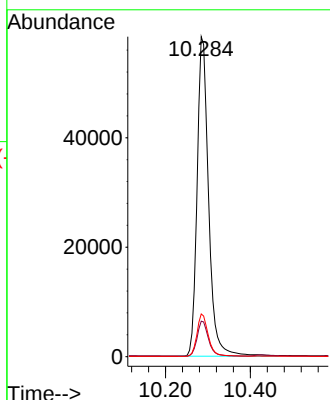
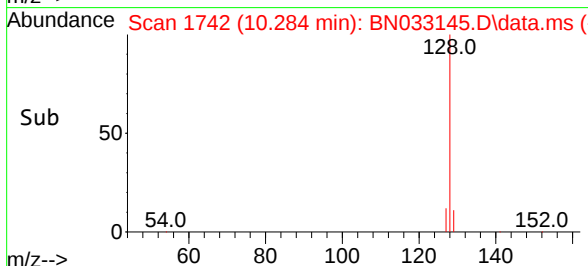
Instrument :
BNA_N
ClientSampleId :
C0AZ7



Tgt Ion:128 Resp: 109934
Ion Ratio Lower Upper
128 100
129 11.1 12.0 18.0
127 13.3 12.7 19.1

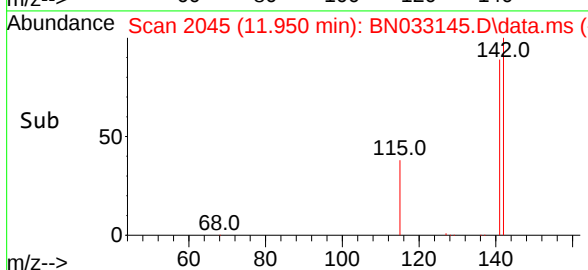
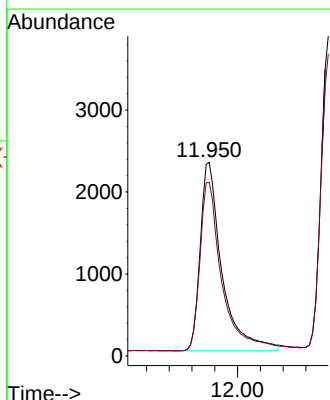
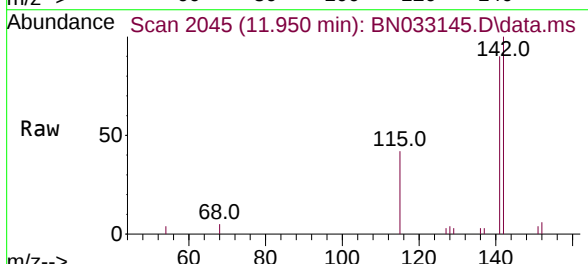
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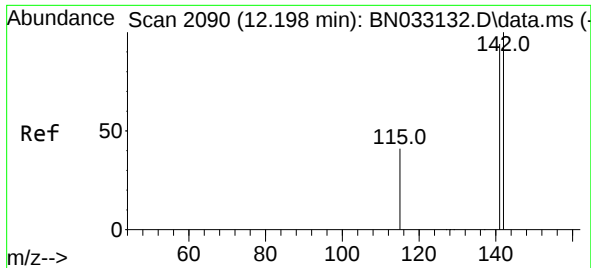
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Supervised By :mohammad ahmed 08/13/2024



#7
2-Methylnaphthalene
Concen: 0.360 ng/ul
RT: 11.950 min Scan# 2045
Delta R.T. -0.055 min
Lab File: BN033145.D
Acq: 31 Jul 2024 23:52

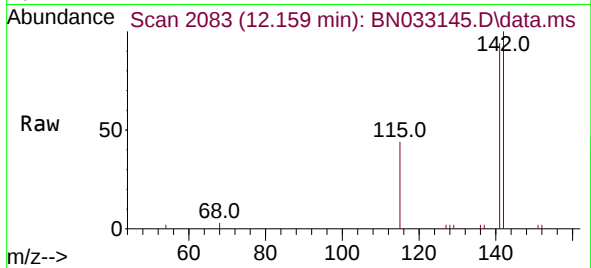
Tgt Ion:142 Resp: 6095
Ion Ratio Lower Upper
142 100
141 90.0 75.2 112.8





#8
1-Methylnaphthalene
Concen: 0.473 ng/ul
RT: 12.159 min Scan# 2090
Delta R.T. -0.038 min
Lab File: BN033145.D
Acq: 31 Jul 2024 23:52

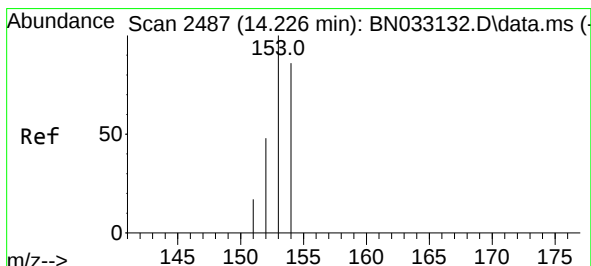
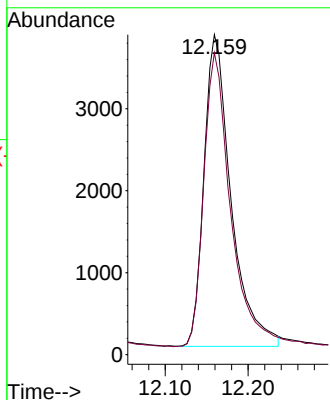
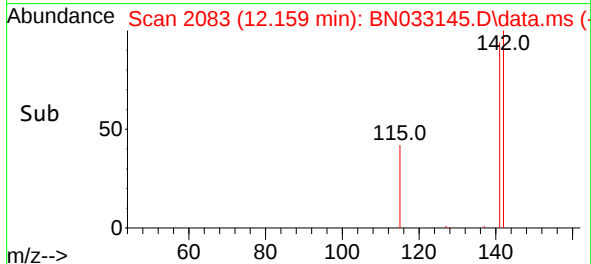
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Tgt Ion:142 Resp: 8650
Ion Ratio Lower Upper
142 100
141 93.0 74.3 111.5

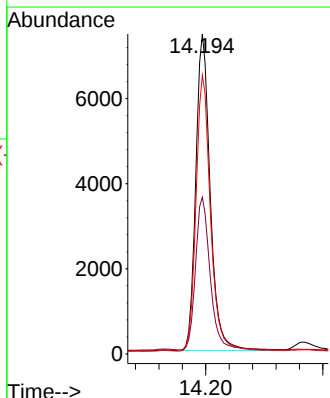
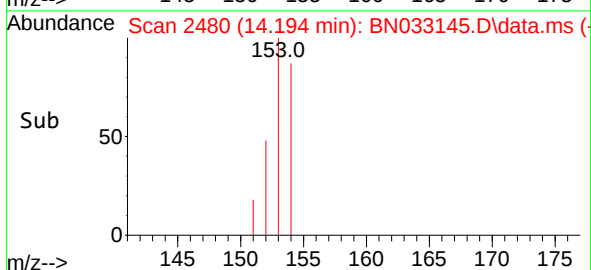
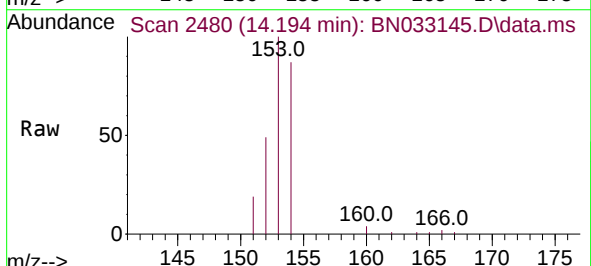
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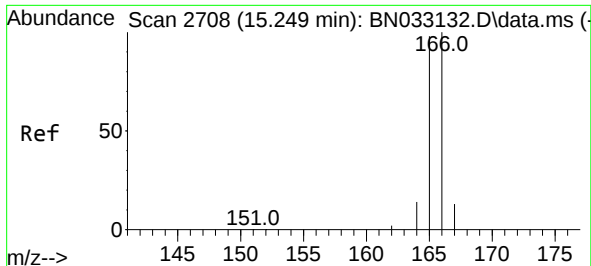
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Supervised By :mohammad ahmed 08/13/2024



#11
Acenaphthene
Concen: 0.727 ng/ul
RT: 14.194 min Scan# 2480
Delta R.T. -0.032 min
Lab File: BN033145.D
Acq: 31 Jul 2024 23:52

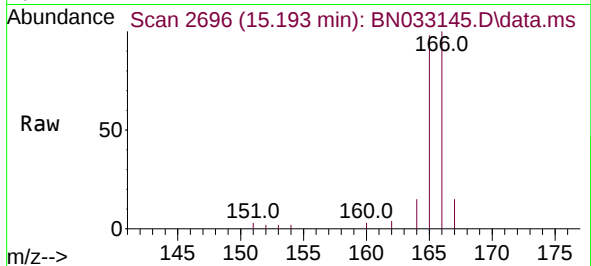
Tgt Ion:153 Resp: 12795
Ion Ratio Lower Upper
153 100
152 49.0 40.0 60.0
154 87.2 70.1 105.1





#12
Fluorene
Concen: 0.327 ng/ul
RT: 15.193 min Scan# 20
Delta R.T. -0.055 min
Lab File: BN033145.D
Acq: 31 Jul 2024 23:52

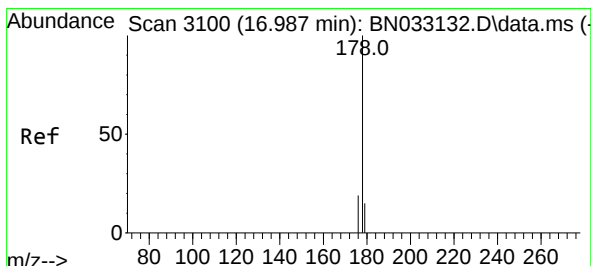
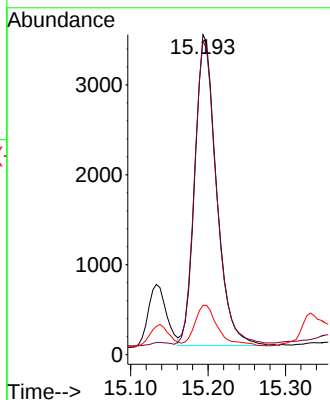
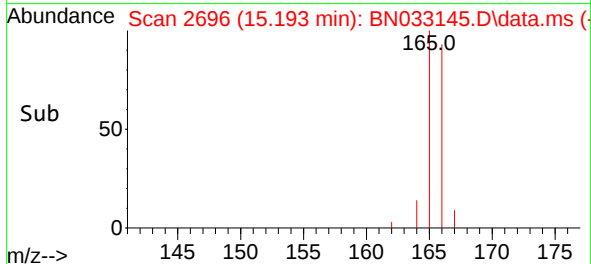
Instrument :
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Tgt Ion:166 Resp: 6718
Ion Ratio Lower Upper
166 100
165 98.0 79.6 119.4
167 15.4 12.2 18.4

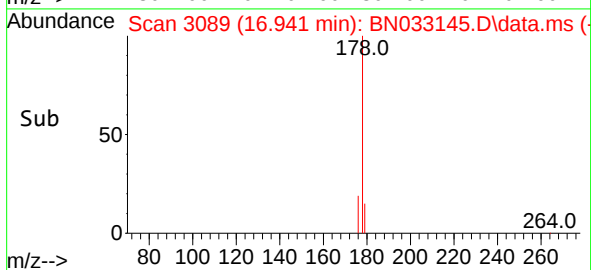
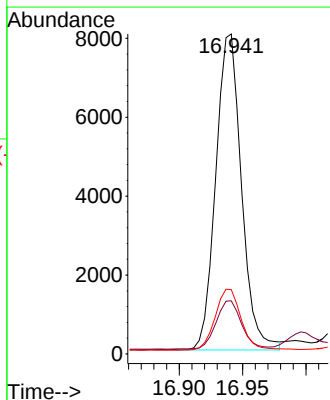
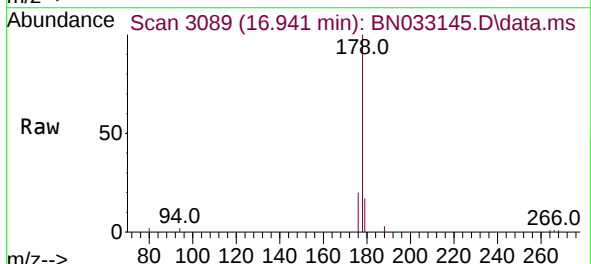
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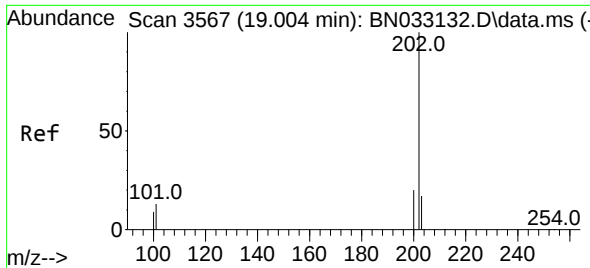
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#15
Phenanthrene
Concen: 0.330 ng/ul m
RT: 16.941 min Scan# 3089
Delta R.T. -0.042 min
Lab File: BN033145.D
Acq: 31 Jul 2024 23:52

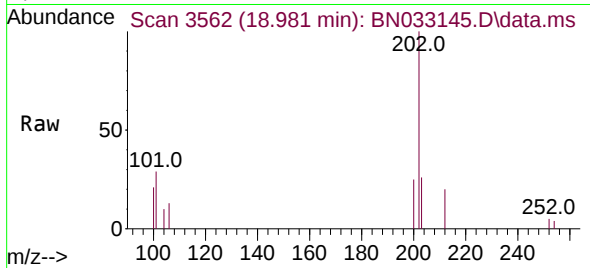
Tgt Ion:178 Resp: 11287
Ion Ratio Lower Upper
178 100
179 16.6 13.7 20.5
176 20.1 15.9 23.9





#19
Fluoranthene
Concen: 0.079 ng/u1
RT: 18.981 min Scan# 3562
Delta R.T. -0.023 min
Lab File: BN033145.D
Acq: 31 Jul 2024 23:52

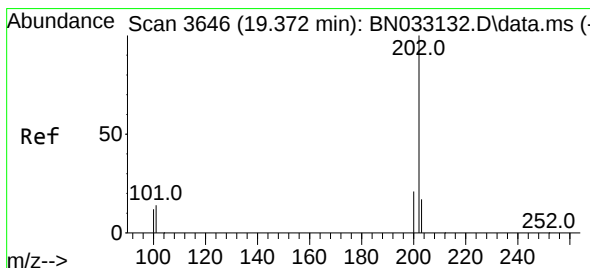
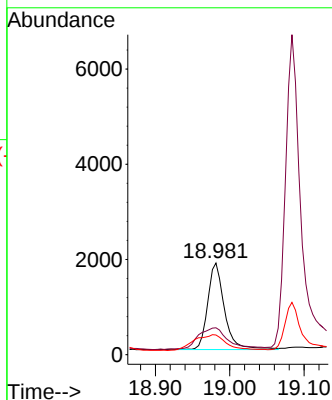
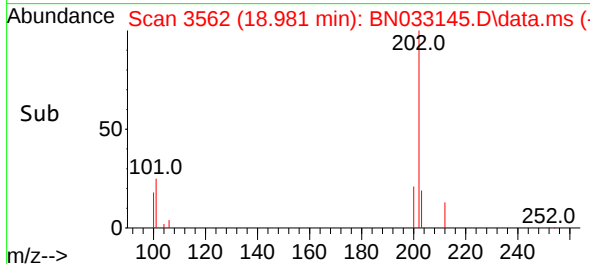
Instrument :
BNA_N
ClientSampleId :
C0AZ7



Tgt Ion:202 Resp: 2830
Ion Ratio Lower Upper
202 100
101 29.4 10.7 16.1#
100 21.5 8.3 12.5#

Manual Integrations
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Supervised By :mohammad ahmed 08/13/2024



#20
Pyrene
Concen: 0.051 ng/u1
RT: 19.335 min Scan# 3638
Delta R.T. -0.037 min
Lab File: BN033145.D
Acq: 31 Jul 2024 23:52

Tgt Ion:202 Resp: 1978
Ion Ratio Lower Upper
202 100
101 30.9 12.6 18.8#
100 53.0 9.9 14.9#

