

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN073024\  
 Data File : BN033109.D  
 Acq On : 30 Jul 2024 16:51  
 Operator : MA/JU  
 Sample : P3336-07  
 Misc :  
 ALS Vial : 43 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 F7E32

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 07/31/2024  
 Supervised By :mohammad ahmed 07/31/2024

Quant Time: Jul 30 18:44:24 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	1812	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.251	136	6914	0.400	ng/ul	#-0.07
9) Acenaphthene-d10	14.139	164	4310	0.400	ng/ul	#-0.02
13) Phenanthrene-d10	16.903	188	10070m	0.400	ng/ul	-0.04
17) Chrysene-d12	21.148	240	9335m	0.400	ng/ul	0.00
23) Perylene-d12	23.323	264	7014m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.052	96	11515	5.024	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.879	152	3645	0.323	ng/ul	-0.05
18) Fluoranthene-d10	18.954	212	9792	0.370	ng/ul	-0.02
Target Compounds						
10) Acenaphthylene	13.852	152	742	0.042	ng/ul#	56
11) Acenaphthene	14.203	153	689	0.052	ng/ul	94
12) Fluorene	15.203	166	1974	0.128	ng/ul#	99
15) Phenanthrene	16.945	178	3033m	0.112	ng/ul	
16) Anthracene	17.034	178	1132m	0.047	ng/ul	
19) Fluoranthene	18.981	202	11591	0.377	ng/ul	100
20) Pyrene	19.344	202	6125m	0.186	ng/ul	
21) Benzo(a)anthracene	21.140	228	727	0.023	ng/ul#	65
22) Chrysene	21.186	228	817	0.022	ng/ul#	75

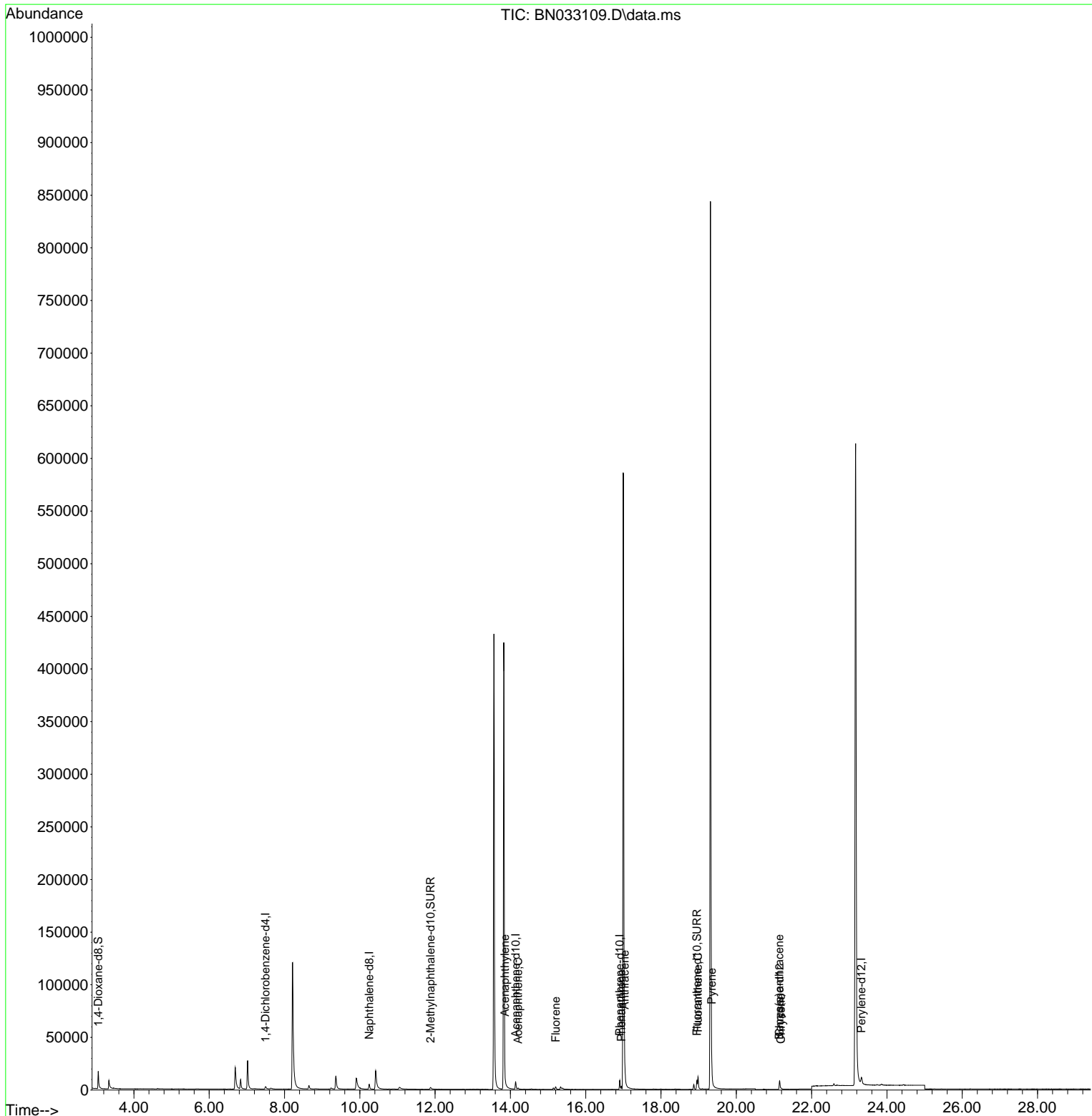
(#) = qualifier out of range (m) = manual integration (+) = signals summed

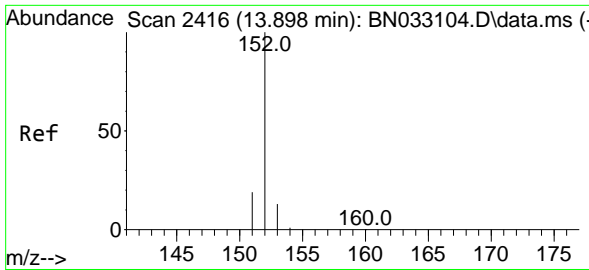
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN073024\  
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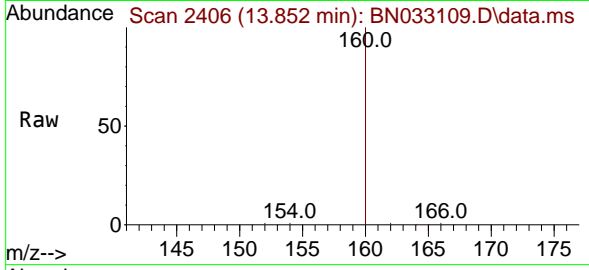
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#10  
 Acenaphthylene  
 Concen: 0.042 ng/u1  
 RT: 13.852 min Scan# 2416  
 Delta R.T. -0.046 min  
 Lab File: BN033109.D  
 Acq: 30 Jul 2024 16:51

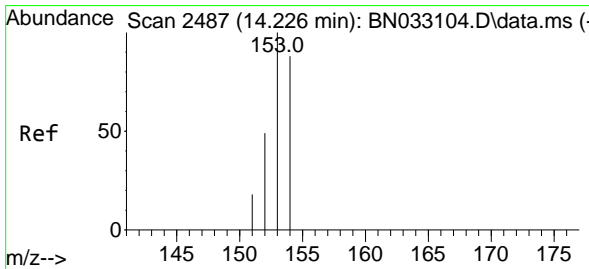
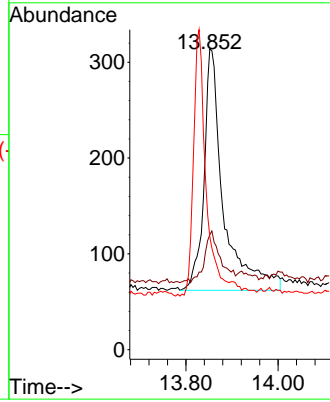
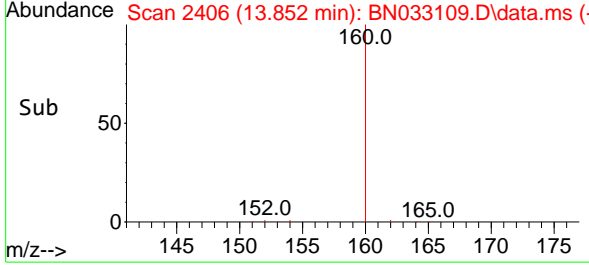
Instrument :  
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 F7E32



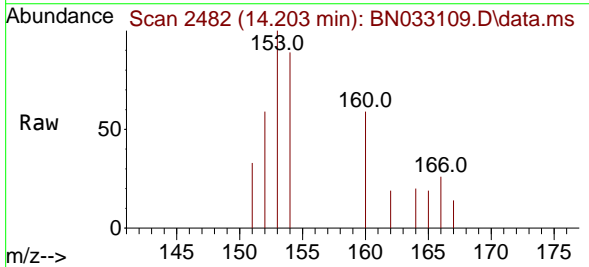
Tgt Ion:152 Resp: 742  
 Ion Ratio Lower Upper  
 152 100  
 151 38.2 16.8 25.2  
 153 37.6 11.9 17.9

Manual Integrations  
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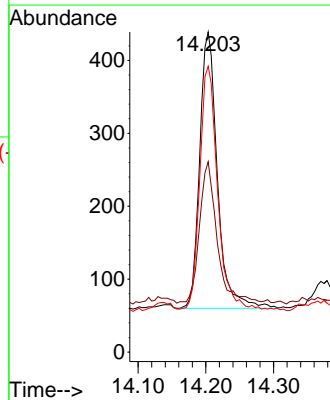
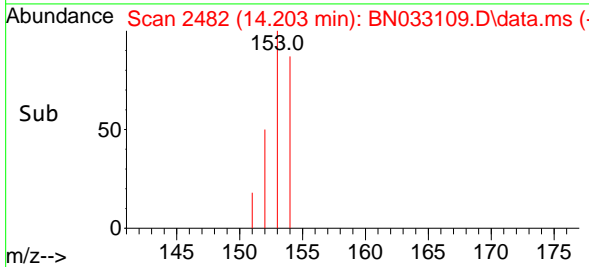
Reviewed By :Yogesh Patel 07/31/2024  
 Supervised By :mohammad ahmed 07/31/2024

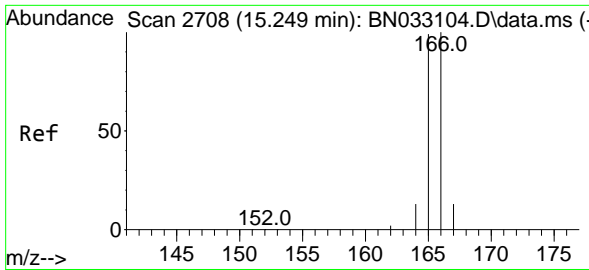


#11  
 Acenaphthene  
 Concen: 0.052 ng/u1  
 RT: 14.203 min Scan# 2482  
 Delta R.T. -0.023 min  
 Lab File: BN033109.D  
 Acq: 30 Jul 2024 16:51



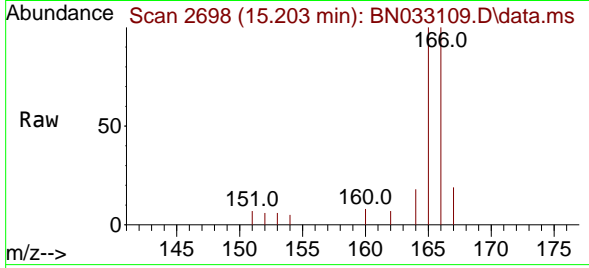
Tgt Ion:153 Resp: 689  
 Ion Ratio Lower Upper  
 153 100  
 152 59.5 40.0 60.0  
 154 89.3 70.1 105.1





#12  
 Fluorene  
 Concen: 0.128 ng/u1  
 RT: 15.203 min Scan# 2097  
 Delta R.T. -0.046 min  
 Lab File: BN033109.D  
 Acq: 30 Jul 2024 16:51

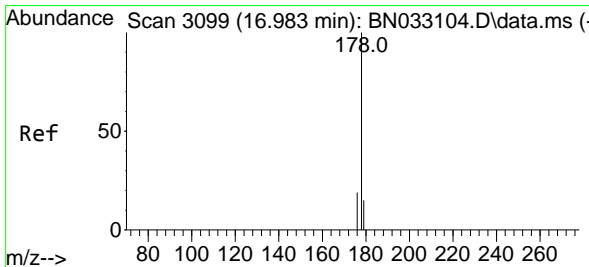
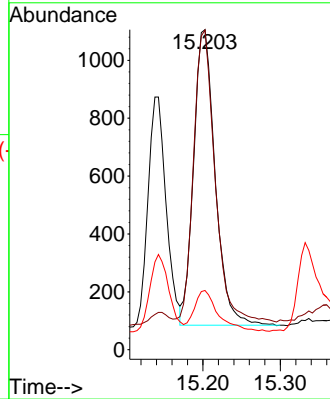
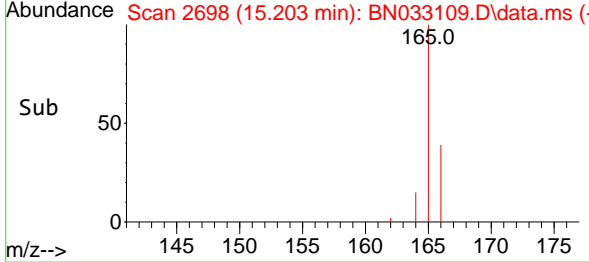
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Tgt Ion:166 Resp: 1974  
 Ion Ratio Lower Upper  
 166 100  
 165 99.9 79.6 119.4  
 167 18.5 12.2 18.4

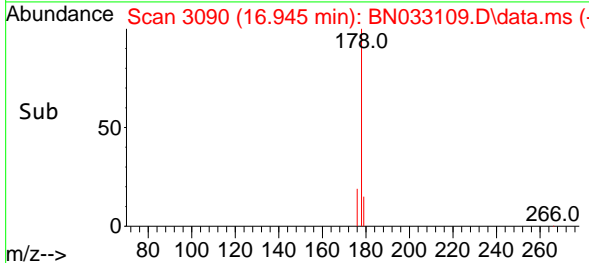
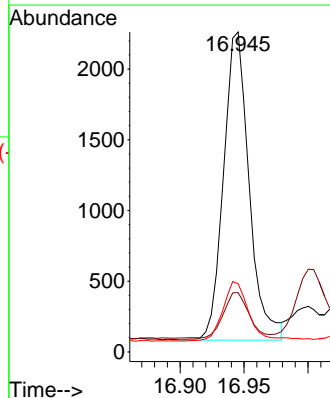
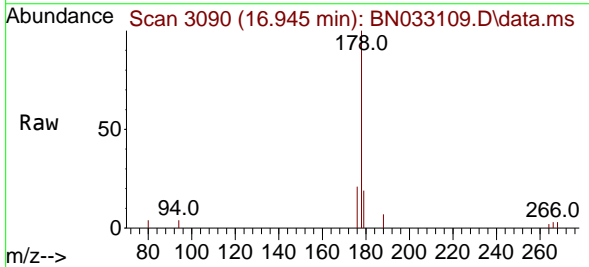
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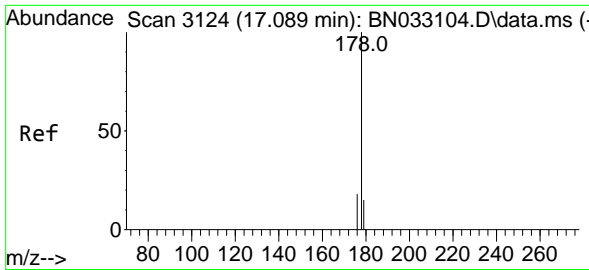
Reviewed By :Yogesh Patel 07/31/2024  
 Supervised By :mohammad ahmed 07/31/2024



#15  
 Phenanthrene  
 Concen: 0.112 ng/u1 m  
 RT: 16.945 min Scan# 3090  
 Delta R.T. -0.038 min  
 Lab File: BN033109.D  
 Acq: 30 Jul 2024 16:51

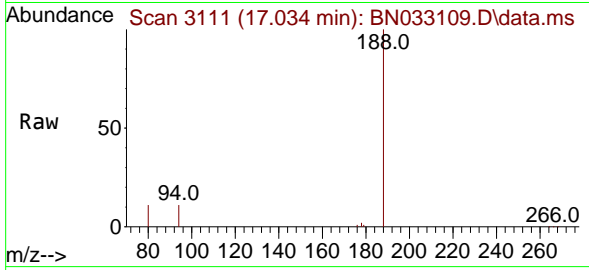
Tgt Ion:178 Resp: 3033  
 Ion Ratio Lower Upper  
 178 100  
 179 18.6 13.7 20.5  
 176 21.4 15.9 23.9





#16  
 Anthracene  
 Concen: 0.047 ng/ul m  
 RT: 17.034 min Scan# 3111  
 Delta R.T. -0.055 min  
 Lab File: BN033109.D  
 Acq: 30 Jul 2024 16:51

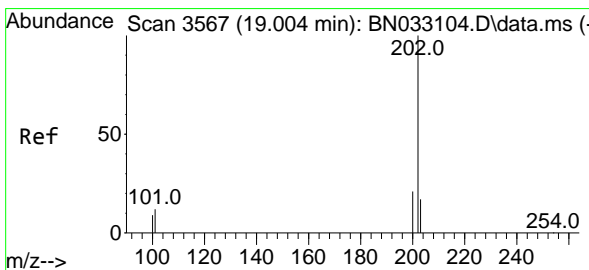
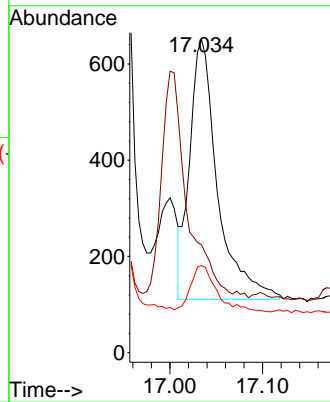
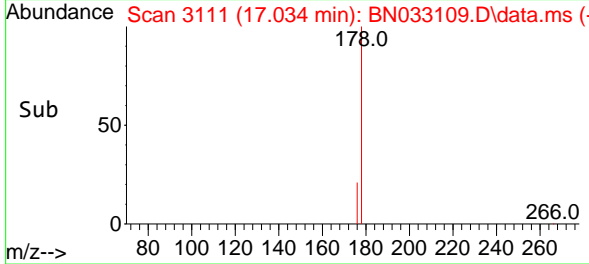
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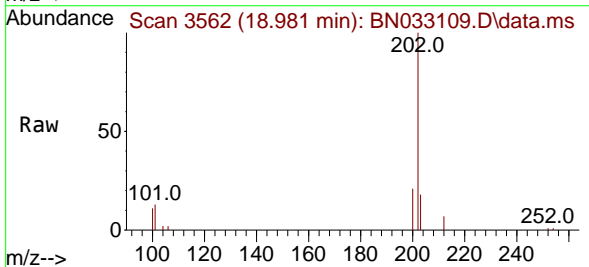
Tgt Ion:178 Resp: 1132  
 Ion Ratio Lower Upper  
 178 100  
 179 34.4 14.3 21.5  
 176 27.8 15.8 23.8

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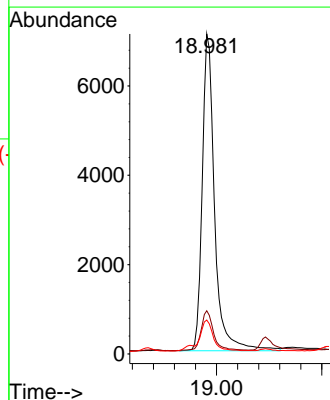
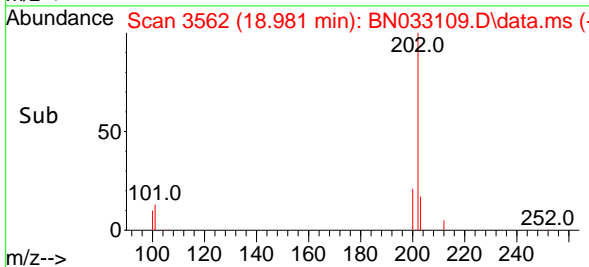
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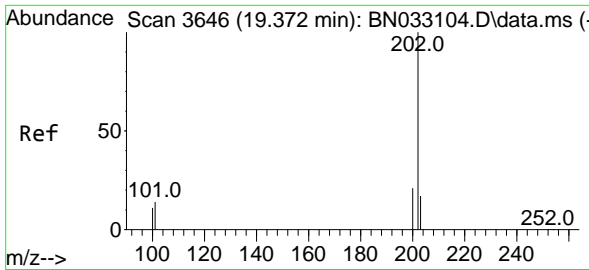


#19  
 Fluoranthene  
 Concen: 0.377 ng/ul  
 RT: 18.981 min Scan# 3562  
 Delta R.T. -0.023 min  
 Lab File: BN033109.D  
 Acq: 30 Jul 2024 16:51



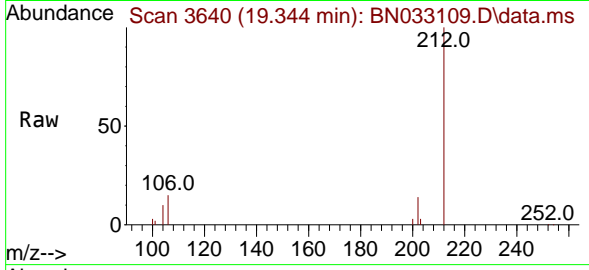
Tgt Ion:202 Resp: 11591  
 Ion Ratio Lower Upper  
 202 100  
 101 13.5 10.7 16.1  
 100 10.6 8.3 12.5





#20  
 Pyrene  
 Concen: 0.186 ng/ul m  
 RT: 19.344 min Scan# 30  
 Delta R.T. -0.028 min  
 Lab File: BN033109.D  
 Acq: 30 Jul 2024 16:51

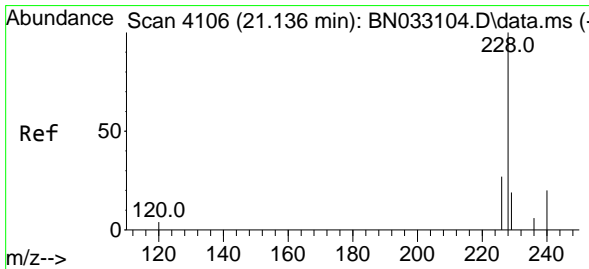
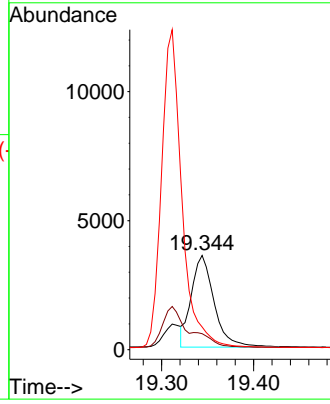
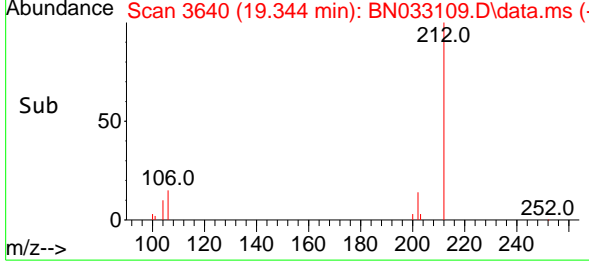
Instrument :  
 BNA\_N  
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 F7E32



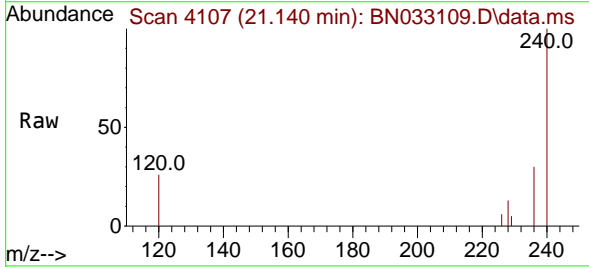
Tgt Ion:202 Resp: 612  
 Ion Ratio Lower Upper  
 202 100  
 101 16.9 12.6 18.8  
 100 24.1 9.9 14.9

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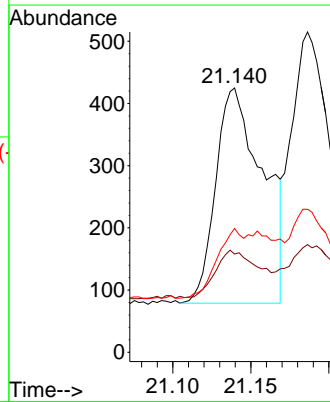
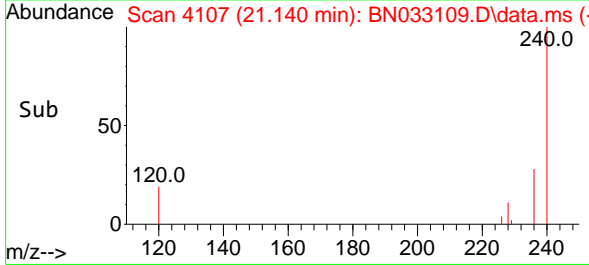
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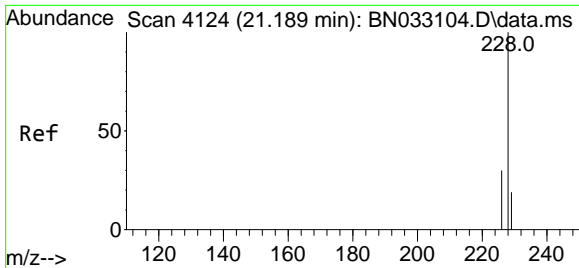


#21  
 Benzo(a)anthracene  
 Concen: 0.023 ng/ul  
 RT: 21.140 min Scan# 4107  
 Delta R.T. 0.003 min  
 Lab File: BN033109.D  
 Acq: 30 Jul 2024 16:51



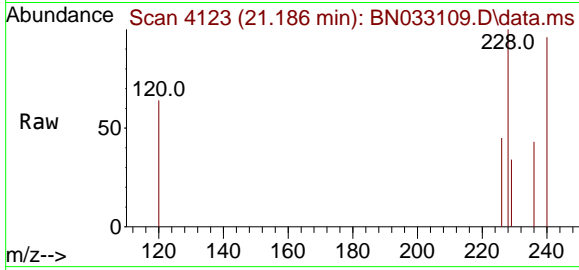
Tgt Ion:228 Resp: 727  
 Ion Ratio Lower Upper  
 228 100  
 229 37.2 17.1 25.7#  
 226 46.8 22.4 33.6#





#22  
 Chrysene  
 Concen: 0.022 ng/ul  
 RT: 21.186 min Scan# 41  
 Delta R.T. -0.003 min  
 Lab File: BN033109.D  
 Acq: 30 Jul 2024 16:51

Instrument :  
 BNA\_N  
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Tgt Ion: 228 Resp: 81

Ion	Ratio	Lower	Upper
228	100		
226	44.7	24.7	37.1
229	33.6	17.0	25.6

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