

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
 Data File : BN032335.D
 Acq On : 29 Jun 2024 04:28
 Operator : MA/JU
 Sample : P2934-18
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CQ4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/29/2024
 Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jun 29 04:58:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 27 13:23:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.612	152	7416	0.400	ng/ul	0.00
4) Naphthalene-d8	10.387	136	22530	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.258	164	12167	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.012	188	22159m	0.400	ng/ul	-0.01
17) Chrysene-d12	21.212	240	17140m	0.400	ng/ul	-0.01
23) Perylene-d12	23.424	264	17949m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.148	96	23267	2.823	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.988	152	6554	0.194	ng/ul	-0.01
18) Fluoranthene-d10	19.045	212	12176m	0.236	ng/ul	-0.01
Target Compounds						
						Qvalue
10) Acenaphthylene	13.976	152	1524	0.030	ng/ul#	77
15) Phenanthrene	17.050	178	6932m	0.114	ng/ul	
16) Anthracene	17.143	178	1854m	0.034	ng/ul	
19) Fluoranthene	19.078	202	14504m	0.222	ng/ul	
20) Pyrene	19.440	202	14531m	0.213	ng/ul	
21) Benzo(a)anthracene	21.197	228	7158m	0.116	ng/ul	
22) Chrysene	21.247	228	8571m	0.126	ng/ul	
24) Benzo(b)fluoranthene	22.763	252	11759m	0.151	ng/ul	
25) Benzo(k)fluoranthene	22.798	252	3875m	0.051	ng/ul	
26) Benzo(a)pyrene	23.327	252	7916	0.146	ng/ul#	59
27) Indeno(1,2,3-cd)pyrene	25.663	276	6593	0.078	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.660	278	1849	0.029	ng/ul#	1
29) Benzo(g,h,i)perylene	26.347	276	6636	0.098	ng/ul#	76

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

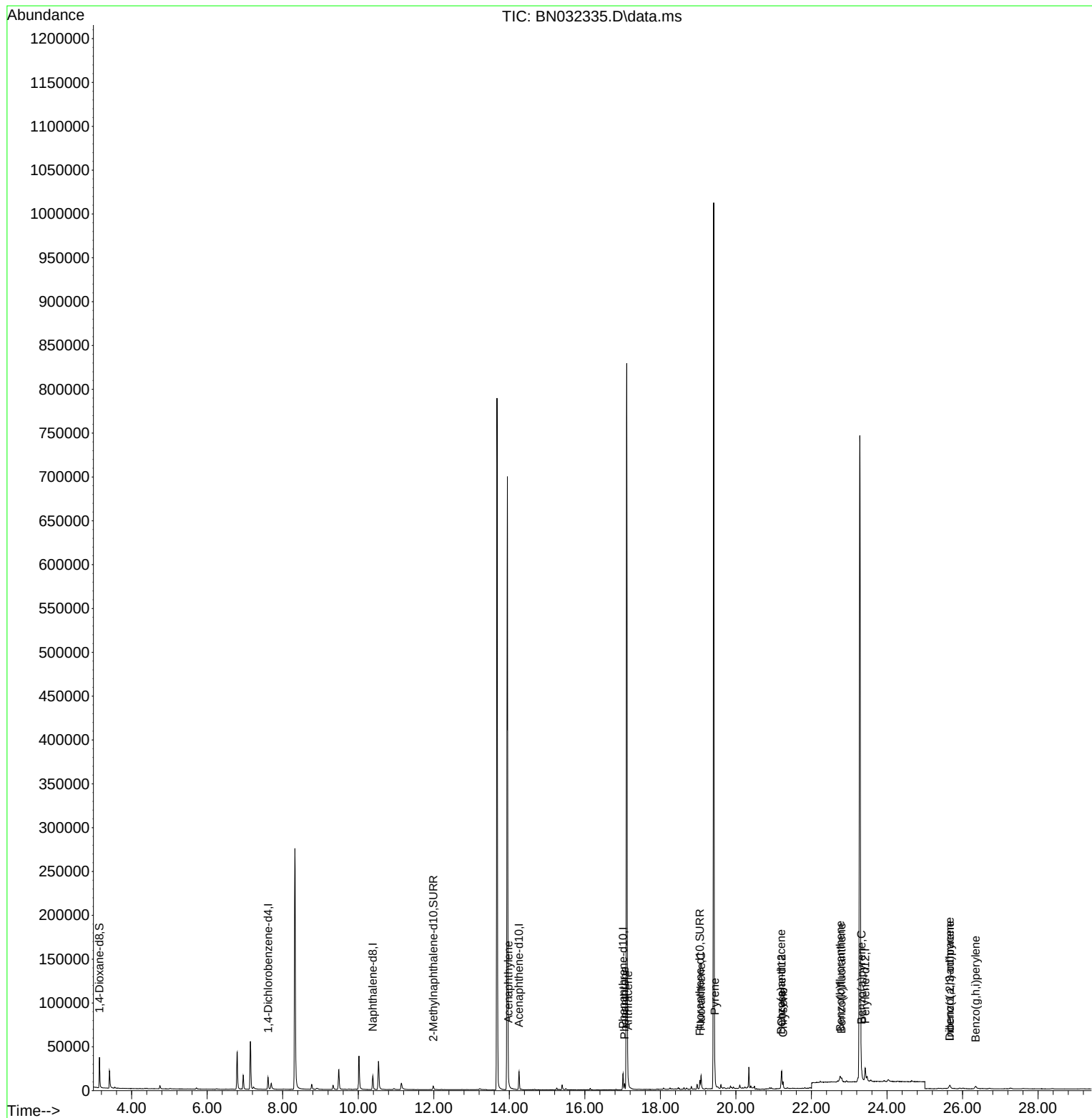
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032335.D
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ALS Vial : 32 Sample Multiplier: 1

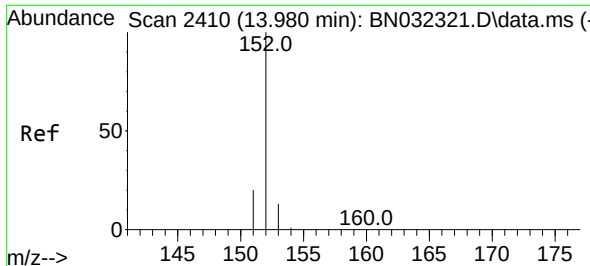
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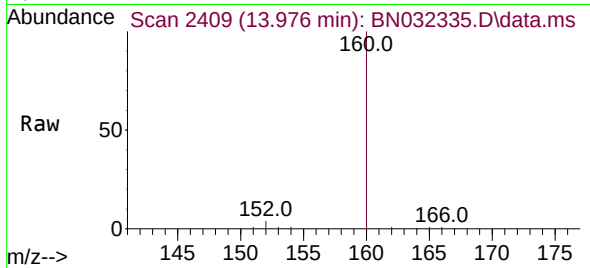
Quant Time: Jun 29 04:58:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
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#10
Acenaphthylene
Concen: 0.030 ng/ul
RT: 13.976 min Scan# 2410
Delta R.T. -0.014 min
Lab File: BN032335.D
Acq: 29 Jun 2024 04:28

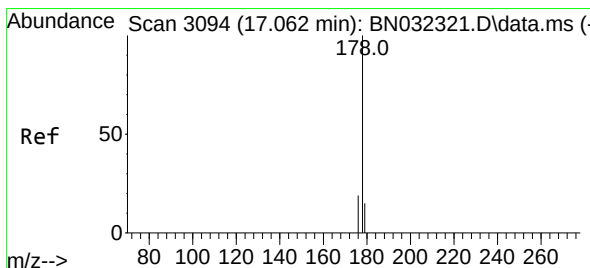
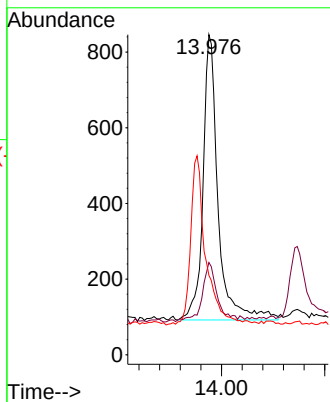
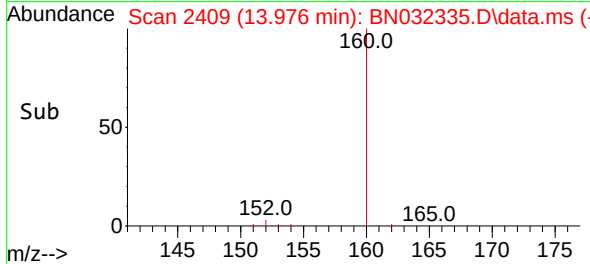
Instrument :
BNA_N
ClientSampleId :
A4CQ4



Tgt Ion:152 Resp: 1524
Ion Ratio Lower Upper
152 100
151 28.8 15.7 23.5
153 24.8 10.9 16.3

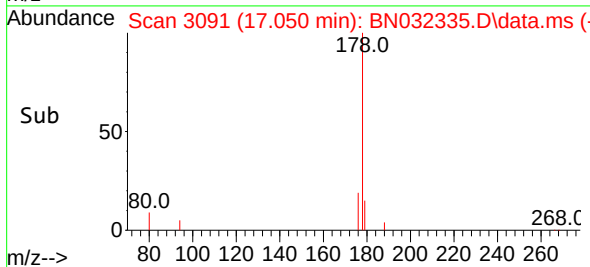
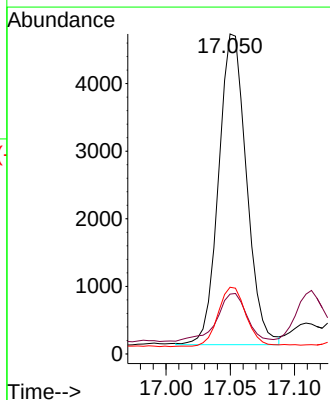
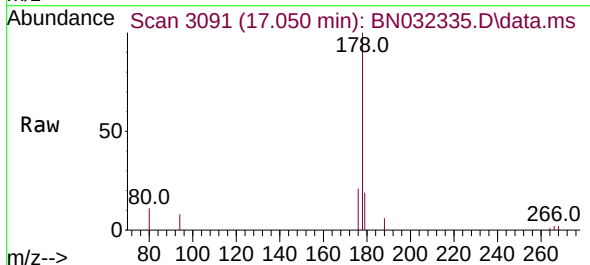
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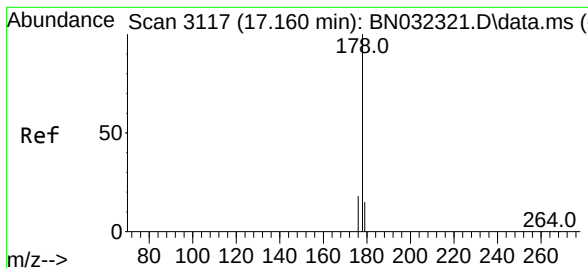
Reviewed By :Yogesh Patel 06/29/2024
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#15
Phenanthrene
Concen: 0.114 ng/ul m
RT: 17.050 min Scan# 3091
Delta R.T. -0.017 min
Lab File: BN032335.D
Acq: 29 Jun 2024 04:28

Tgt Ion:178 Resp: 6932
Ion Ratio Lower Upper
178 100
179 18.7 12.6 18.8
176 20.9 15.6 23.4





#16

Anthracene

Concen: 0.034 ng/ul m

RT: 17.143 min Scan# 3113

Delta R.T. -0.017 min

Lab File: BN032335.D

Acq: 29 Jun 2024 04:28

Instrument :

BNA_N

ClientSampleId :

A4CQ4

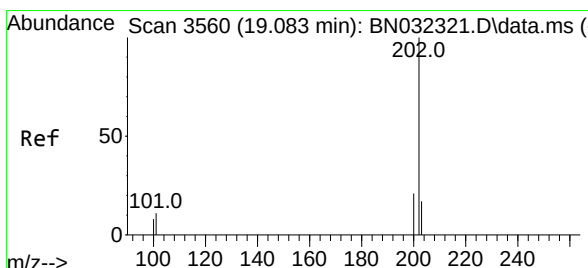
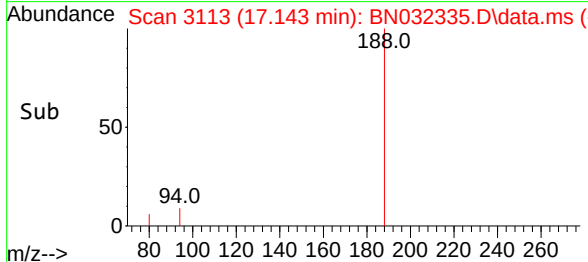
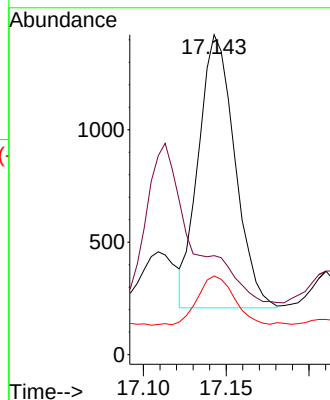
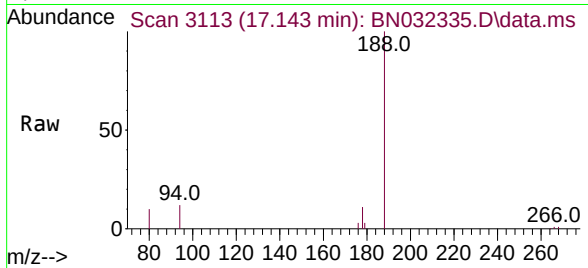
Tgt Ion:	178	Resp:	1854
Ion Ratio	Lower	Upper	
178	100		
179	30.9	12.5	18.7
176	24.6	15.0	22.6

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#19

Fluoranthene

Concen: 0.222 ng/ul m

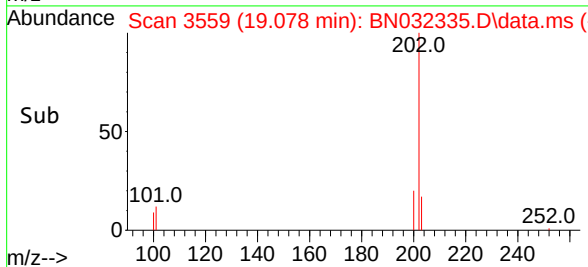
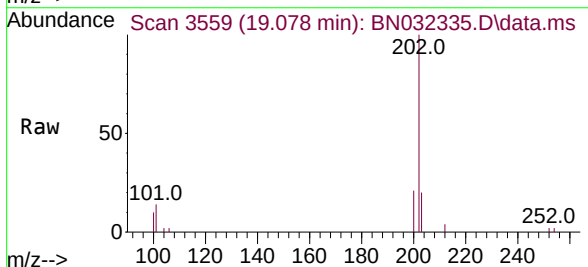
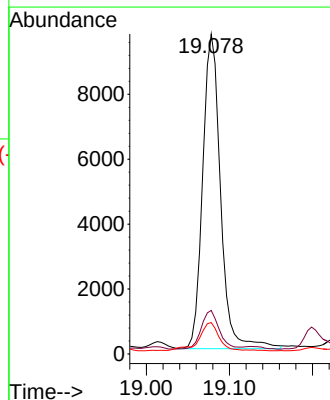
RT: 19.078 min Scan# 3559

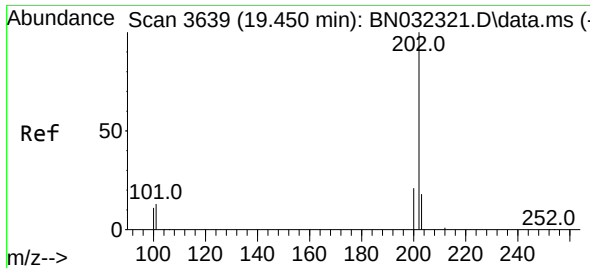
Delta R.T. -0.014 min

Lab File: BN032335.D

Acq: 29 Jun 2024 04:28

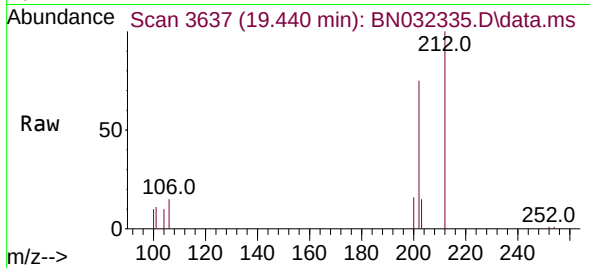
Tgt Ion:	202	Resp:	14504
Ion Ratio	Lower	Upper	
202	100		
101	13.6	8.8	13.2
100	9.8	6.4	9.6





#20
Pyrene
Concen: 0.213 ng/ul m
RT: 19.440 min Scan# 3637
Delta R.T. -0.014 min
Lab File: BN032335.D
Acq: 29 Jun 2024 04:28

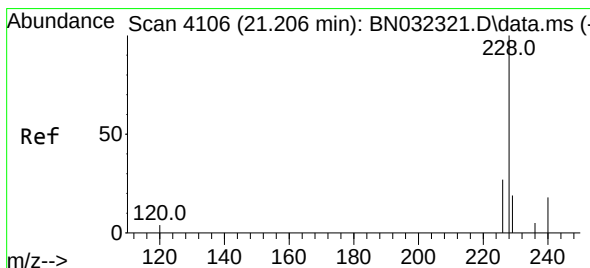
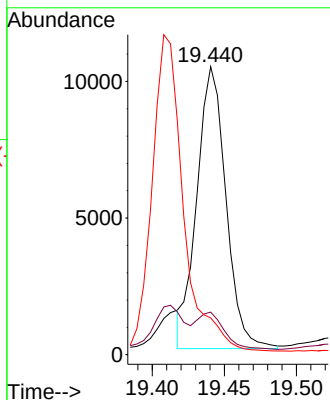
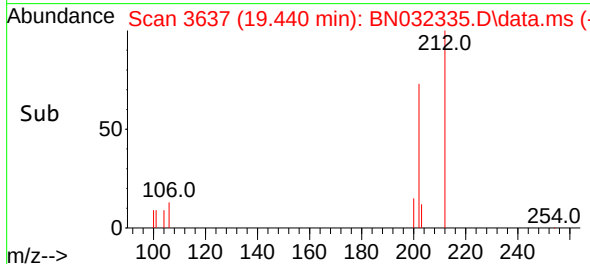
Instrument :
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ClientSampleId :
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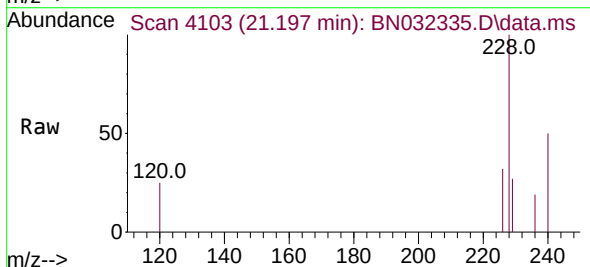
Tgt Ion:202 Resp: 1453
Ion Ratio Lower Upper
202 100
101 14.8 11.0 16.4
100 12.8 8.7 13.1

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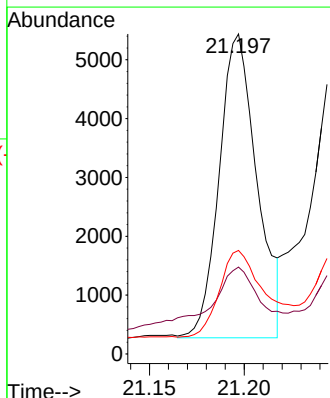
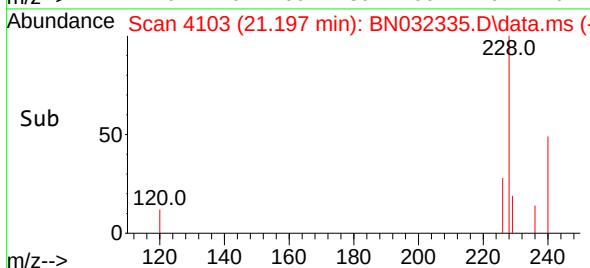
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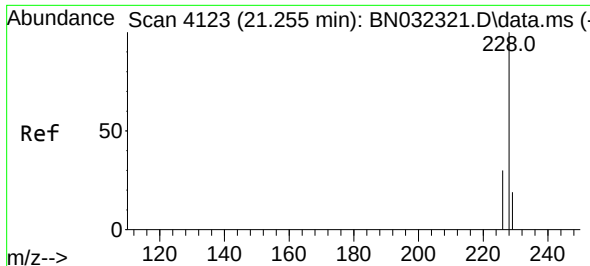


#21
Benzo(a)anthracene
Concen: 0.116 ng/ul m
RT: 21.197 min Scan# 4103
Delta R.T. -0.018 min
Lab File: BN032335.D
Acq: 29 Jun 2024 04:28



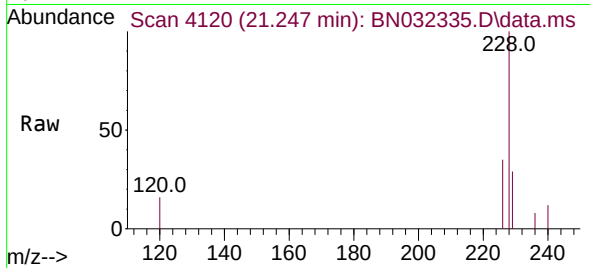
Tgt Ion:228 Resp: 7158
Ion Ratio Lower Upper
228 100
229 27.2 15.7 23.5#
226 32.4 21.8 32.8





#22
Chrysene
Concen: 0.126 ng/ul m
RT: 21.247 min Scan# 4120
Delta R.T. -0.020 min
Lab File: BN032335.D
Acq: 29 Jun 2024 04:28

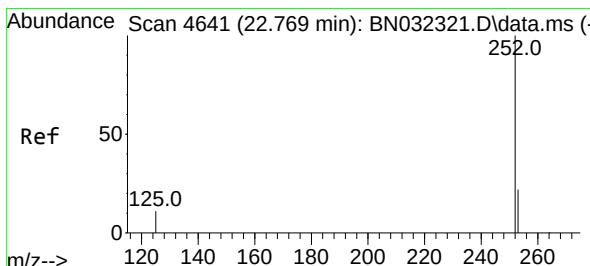
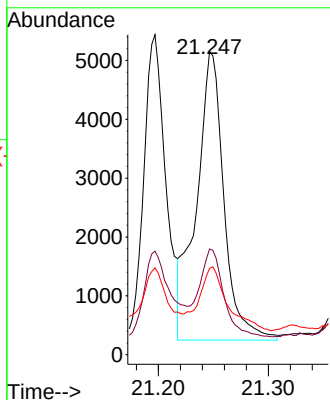
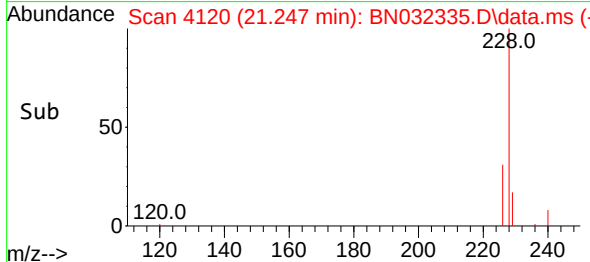
Instrument :
BNA_N
ClientSampleId :
A4CQ4



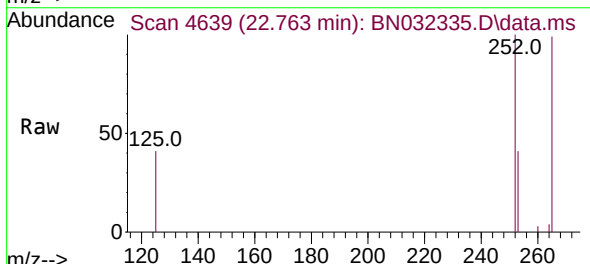
Tgt Ion:228 Resp: 857
Ion Ratio Lower Upper
228 100
226 34.9 23.6 35.4
229 28.5 15.7 23.5

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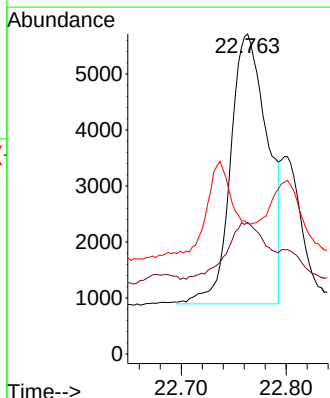
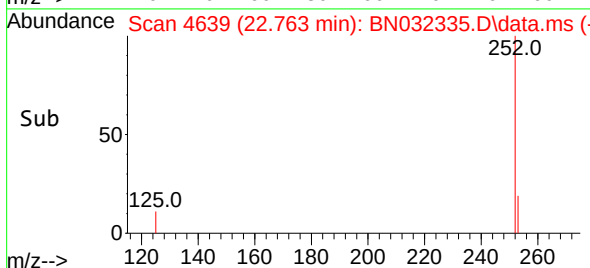
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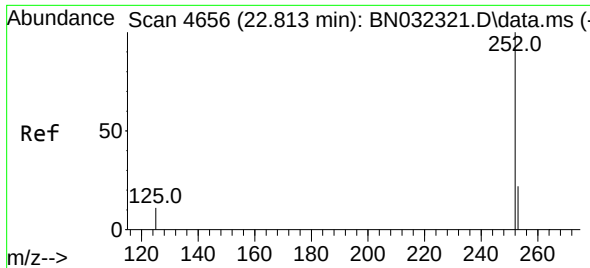


#24
Benzo(b)fluoranthene
Concen: 0.151 ng/ul m
RT: 22.763 min Scan# 4639
Delta R.T. -0.020 min
Lab File: BN032335.D
Acq: 29 Jun 2024 04:28



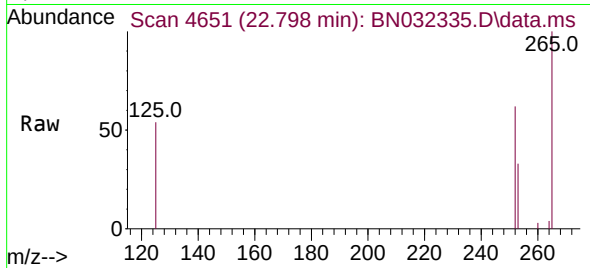
Tgt Ion:252 Resp: 11759
Ion Ratio Lower Upper
252 100
253 41.2 0.0 50.2
125 40.7 0.0 32.0





#25
Benzo(k)fluoranthene
Concen: 0.051 ng/ul m
RT: 22.798 min Scan# 4651
Delta R.T. -0.029 min
Lab File: BN032335.D
Acq: 29 Jun 2024 04:28

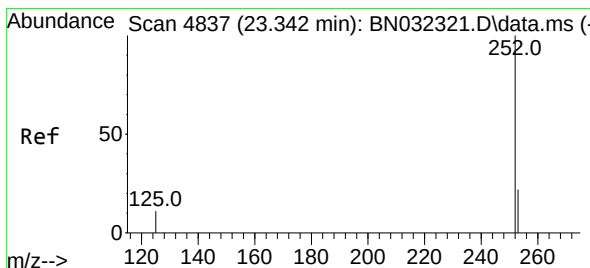
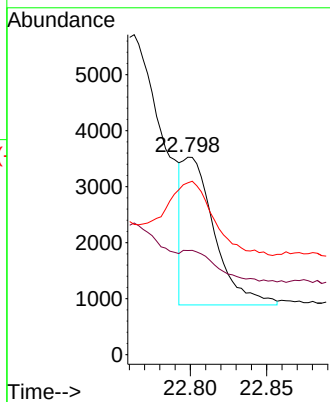
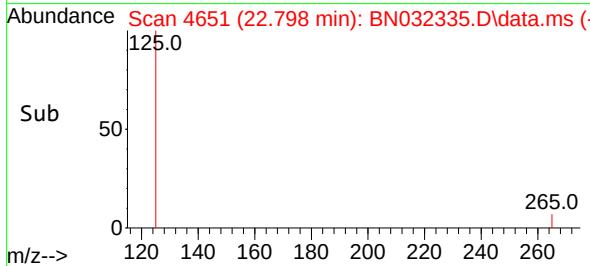
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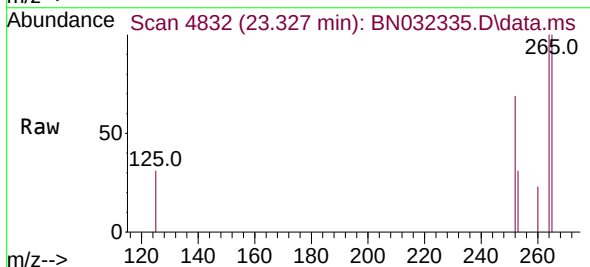
Tgt Ion:252 Resp: 3879
Ion Ratio Lower Upper
252 100
253 52.7 20.3 30.5
125 87.0 12.8 19.2

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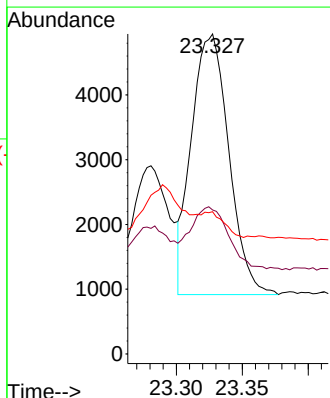
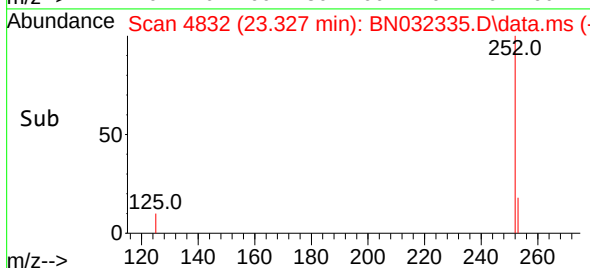
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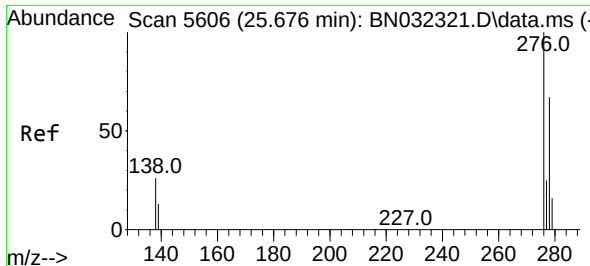


#26
Benzo(a)pyrene
Concen: 0.146 ng/ul
RT: 23.327 min Scan# 4832
Delta R.T. -0.032 min
Lab File: BN032335.D
Acq: 29 Jun 2024 04:28



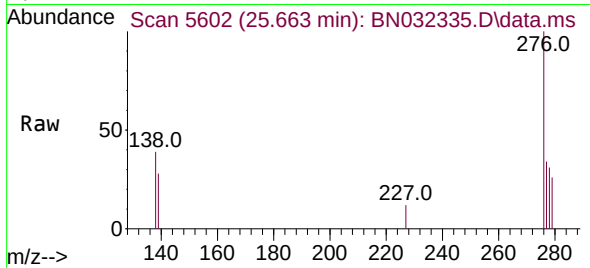
Tgt Ion:252 Resp: 7916
Ion Ratio Lower Upper
252 100
253 45.0 22.2 33.2#
125 44.5 16.4 24.6#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.078 ng/ul
RT: 25.663 min Scan# 5602
Delta R.T. -0.037 min
Lab File: BN032335.D
Acq: 29 Jun 2024 04:28

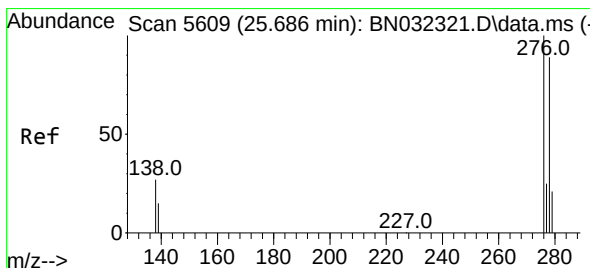
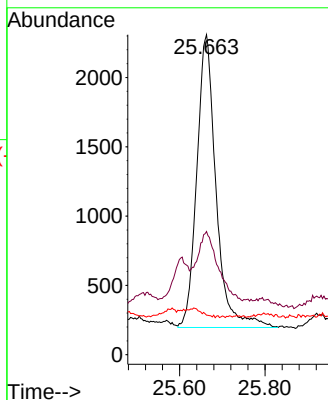
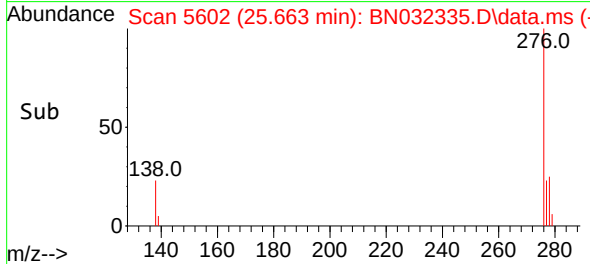
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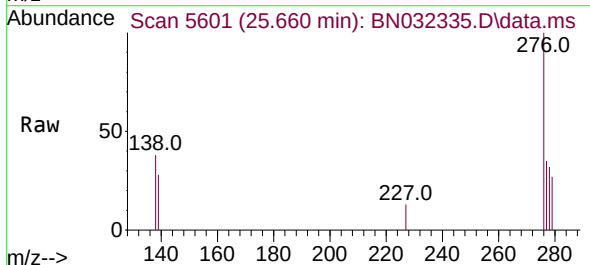
Tgt Ion:276 Resp: 659
Ion Ratio Lower Upper
276 100
138 22.5 21.3 31.9
227 0.0 0.1 0.1

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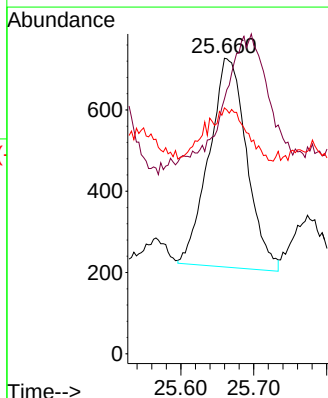
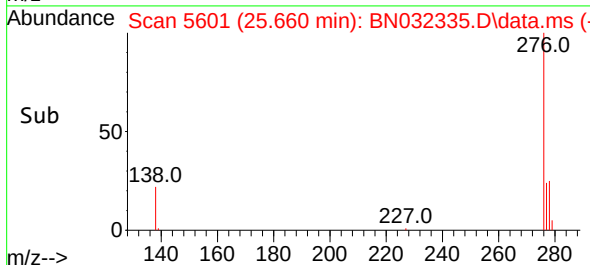
Reviewed By :Yogesh Patel 06/29/2024
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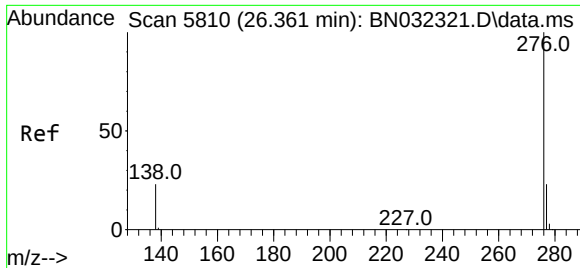


#28
Dibenzo(a,h)anthracene
Concen: 0.029 ng/ul
RT: 25.660 min Scan# 5601
Delta R.T. -0.050 min
Lab File: BN032335.D
Acq: 29 Jun 2024 04:28



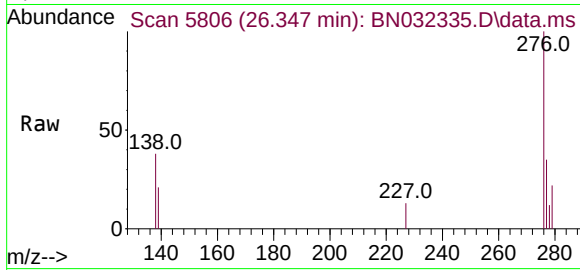
Tgt Ion:278 Resp: 1849
Ion Ratio Lower Upper
278 100
139 86.2 15.9 23.9#
279 83.2 21.1 31.7#





#29
Benzo(g,h,i)perylene
Concen: 0.098 ng/ul
RT: 26.347 min Scan# 5806
Delta R.T. -0.034 min
Lab File: BN032335.D
Acq: 29 Jun 2024 04:28

Instrument :
BNA_N
ClientSampleId :
A4CQ4



Tgt Ion: 276 Resp: 6630

Ion	Ratio	Lower	Upper
276	100		
138	38.1	19.8	29.6
277	34.8	19.8	29.6

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