

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112624\
 Data File : BN035343.D
 Acq On : 27 Nov 2024 09:27
 Operator : RC/JU
 Sample : P4895-02DL 5X
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E2A12DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/28/2024
 Supervised By :mohammad ahmed 11/28/2024

Quant Time: Nov 27 23:48:46 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 26 06:09:15 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.309	152	3950	0.400	ng/ul	0.00
4) Naphthalene-d8	10.053	136	10702	0.400	ng/ul	-0.01
9) Acenaphthene-d10	13.967	164	6612	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.734	188	13270	0.400	ng/ul	# 0.00
17) Chrysene-d12	20.973	240	7995	0.400	ng/ul	# 0.00
23) Perylene-d12	23.065	264	7845m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.972	96	2110	0.584	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.659	152	641	0.041	ng/ul	0.00
18) Fluoranthene-d10	18.781	212	1526	0.069	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	13.680	152	2731	0.104	ng/ul	95
11) Acenaphthene	14.027	153	1405	0.070	ng/ul	97
12) Fluorene	15.031	166	2103	0.089	ng/ul	98
15) Phenanthrene	16.772	178	29176	0.832	ng/ul	99
16) Anthracene	16.865	178	5835	0.179	ng/ul	98
19) Fluoranthene	18.814	202	47641	1.712	ng/ul#	95
20) Pyrene	19.181	202	39501	1.364	ng/ul#	93
21) Benzo(a)anthracene	20.958	228	13892	0.501	ng/ul	96
22) Chrysene	21.011	228	15065	0.540	ng/ul	98
24) Benzo(b)fluoranthene	22.457	252	17113m	0.660	ng/ul	
25) Benzo(k)fluoranthene	22.492	252	7419m	0.277	ng/ul	
26) Benzo(a)pyrene	22.975	252	12539	0.529	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.101	276	9204	0.288	ng/ul#	80
28) Dibenzo(a,h)anthracene	25.118	278	1920m	0.077	ng/ul	
29) Benzo(g,h,i)perylene	25.718	276	8354	0.331	ng/ul#	93

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

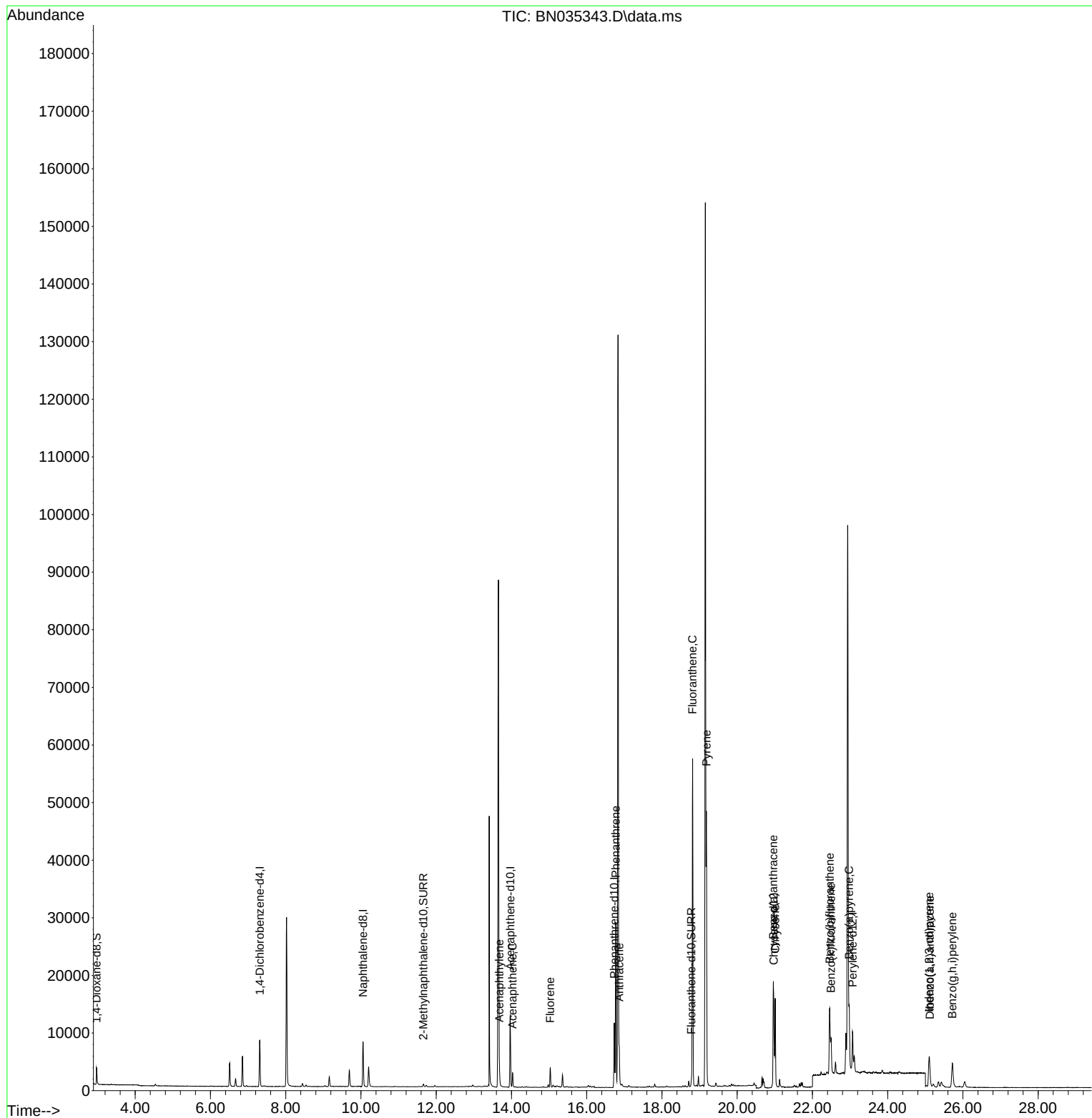
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Data File : BN035343.D
Acq On : 27 Nov 2024 09:27
Operator : RC/JU
Sample : P4895-02DL 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

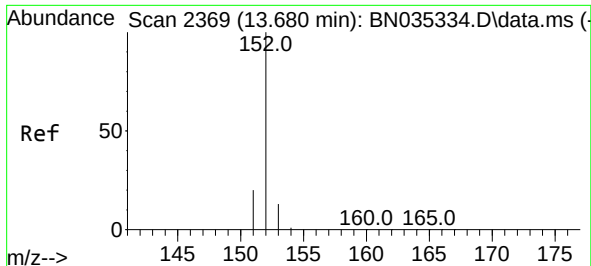
Instrument :
BNA_N
ClientSampleId :
E2A12DL

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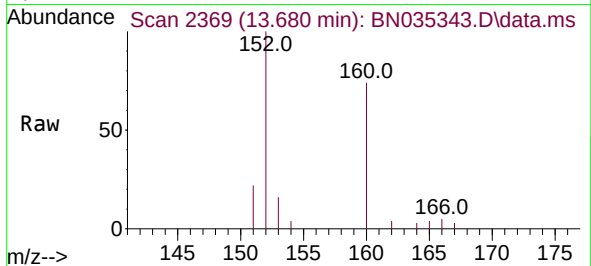
Quant Time: Nov 27 23:48:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN11624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 26 06:09:15 2024
Response via : Initial Calibration





#10
Acenaphthylene
Concen: 0.104 ng/ul
RT: 13.680 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN035343.D
Acq: 27 Nov 2024 09:27

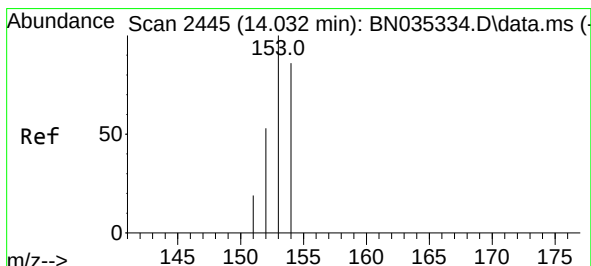
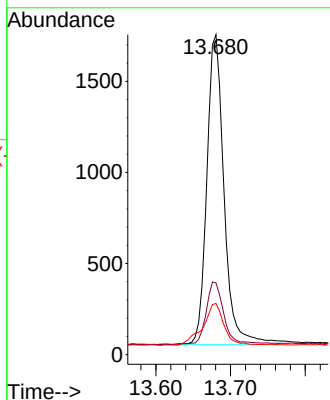
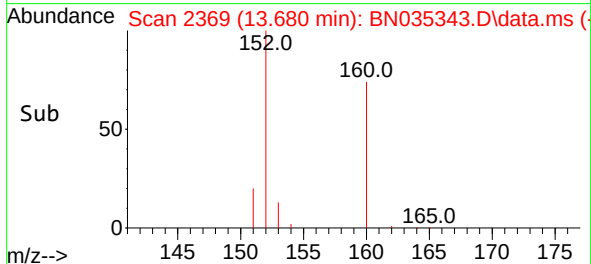
Instrument :
BNA_N
ClientSampleId :
E2A12DL



Tgt Ion:152 Resp: 273
Ion Ratio Lower Upper
152 100
151 22.4 16.4 24.6
153 16.0 11.1 16.7

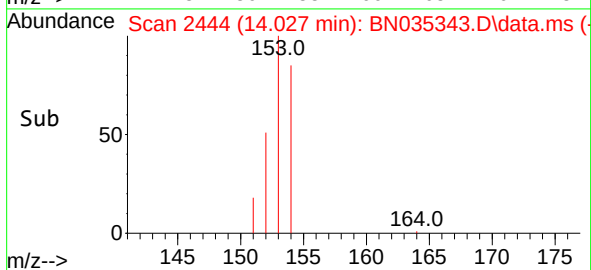
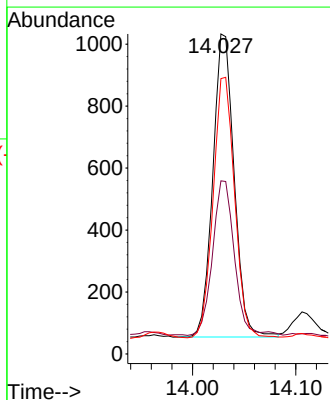
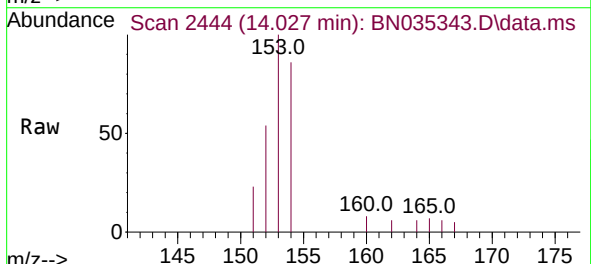
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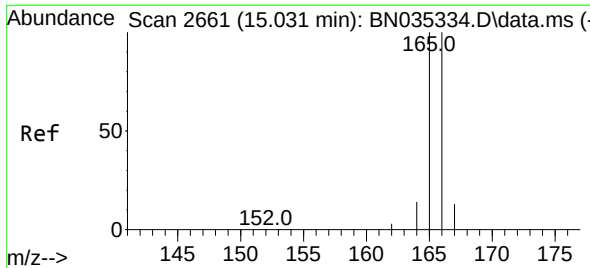
Reviewed By :Yogesh Patel 11/28/2024
Supervised By :mohammad ahmed 11/28/2024



#11
Acenaphthene
Concen: 0.070 ng/ul
RT: 14.027 min Scan# 2444
Delta R.T. -0.009 min
Lab File: BN035343.D
Acq: 27 Nov 2024 09:27

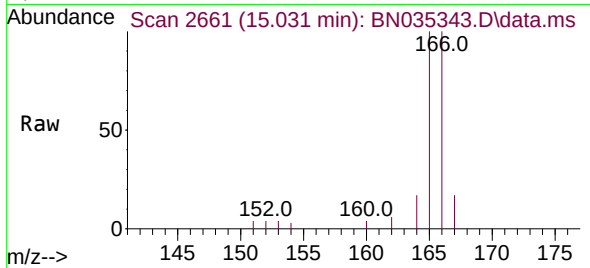
Tgt Ion:153 Resp: 1405
Ion Ratio Lower Upper
153 100
152 54.1 41.4 62.0
154 86.1 71.2 106.8





#12
Fluorene
Concen: 0.089 ng/ul
RT: 15.031 min Scan# 210
Delta R.T. -0.005 min
Lab File: BN035343.D
Acq: 27 Nov 2024 09:27

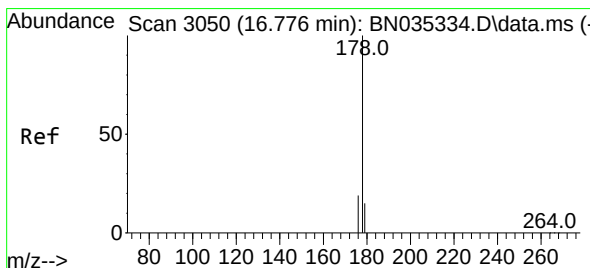
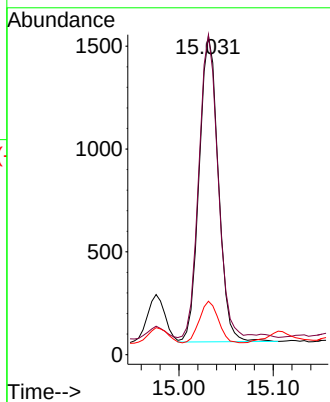
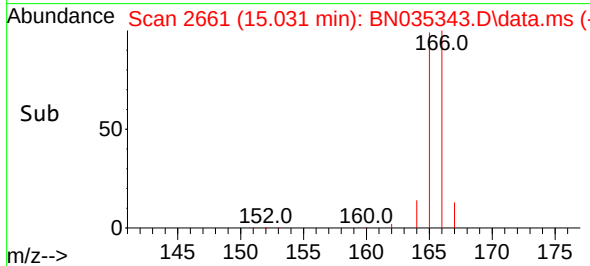
Instrument :
BNA_N
ClientSampleId :
E2A12DL



Tgt Ion:166 Resp: 210
Ion Ratio Lower Upper
166 100
165 100.4 78.6 118.0
167 16.8 11.8 17.6

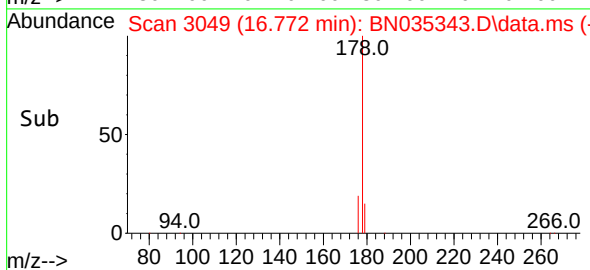
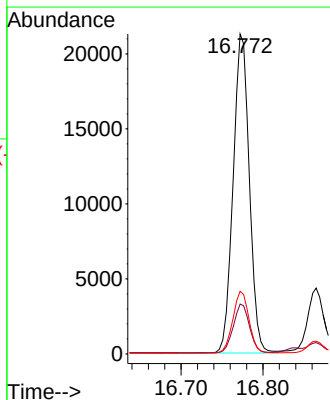
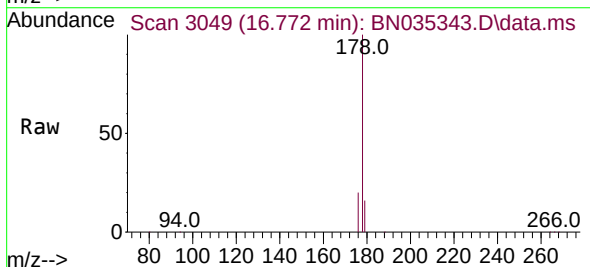
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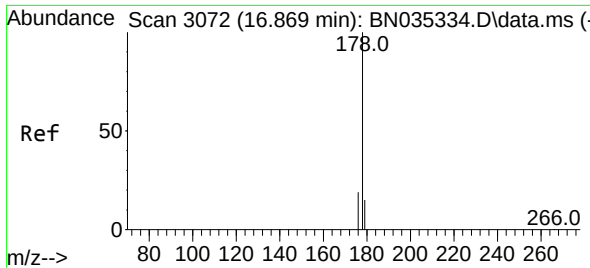
Reviewed By :Yogesh Patel 11/28/2024
Supervised By :mohammad ahmed 11/28/2024



#15
Phenanthrene
Concen: 0.832 ng/ul
RT: 16.772 min Scan# 3049
Delta R.T. -0.009 min
Lab File: BN035343.D
Acq: 27 Nov 2024 09:27

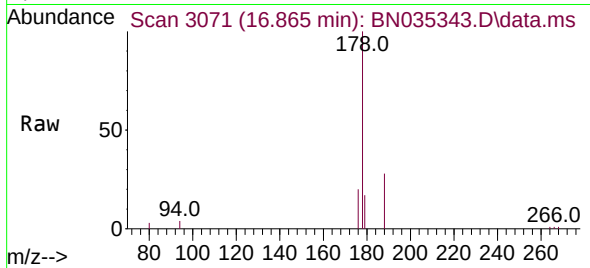
Tgt Ion:178 Resp: 29176
Ion Ratio Lower Upper
178 100
179 15.6 12.9 19.3
176 19.6 15.6 23.4





#16
 Anthracene
 Concen: 0.179 ng/ul
 RT: 16.865 min Scan# 3072
 Delta R.T. -0.009 min
 Lab File: BN035343.D
 Acq: 27 Nov 2024 09:27

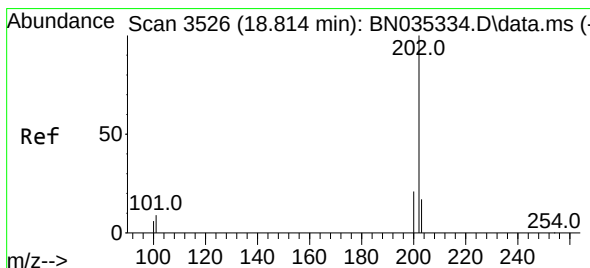
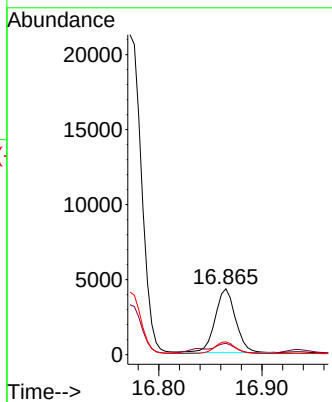
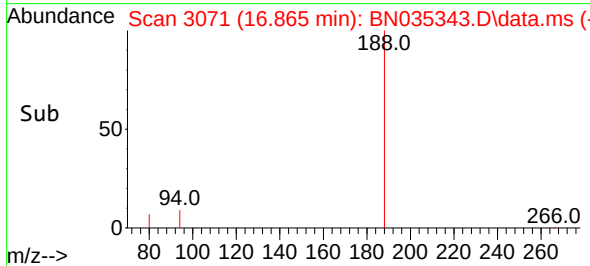
Instrument :
 BNA_N
 ClientSampleId :
 E2A12DL



Tgt Ion:178 Resp: 5835
 Ion Ratio Lower Upper
 178 100
 179 17.4 12.9 19.3
 176 19.5 15.4 23.2

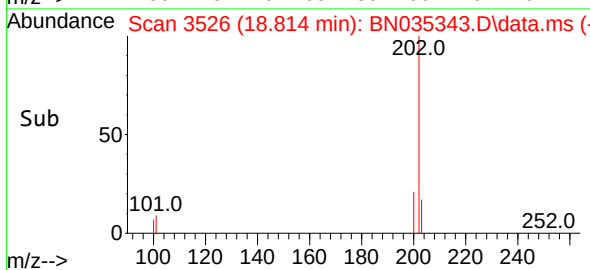
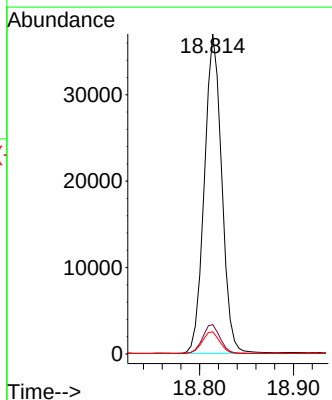
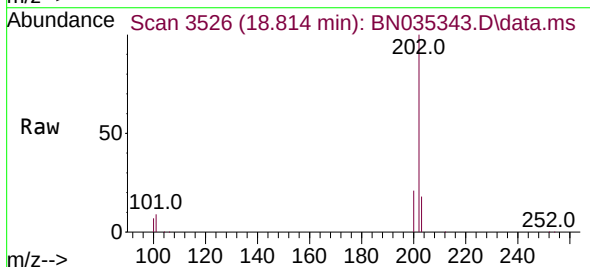
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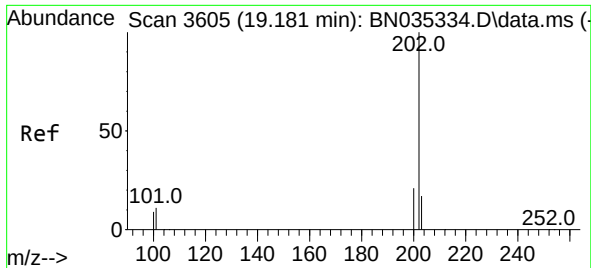
Reviewed By :Yogesh Patel 11/28/2024
 Supervised By :mohammad ahmed 11/28/2024



#19
 Fluoranthene
 Concen: 1.712 ng/ul
 RT: 18.814 min Scan# 3526
 Delta R.T. -0.005 min
 Lab File: BN035343.D
 Acq: 27 Nov 2024 09:27

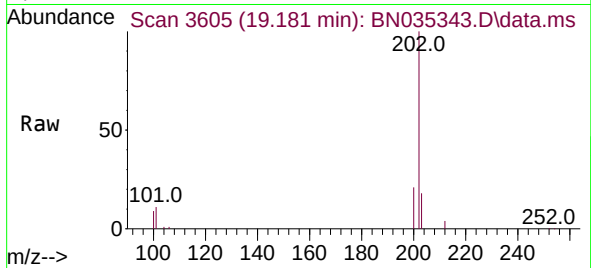
Tgt Ion:202 Resp: 47641
 Ion Ratio Lower Upper
 202 100
 101 9.1 5.8 8.6#
 100 6.9 4.5 6.7#





#20
Pyrene
Concen: 1.364 ng/ul
RT: 19.181 min Scan# 3605
Delta R.T. -0.005 min
Lab File: BN035343.D
Acq: 27 Nov 2024 09:27

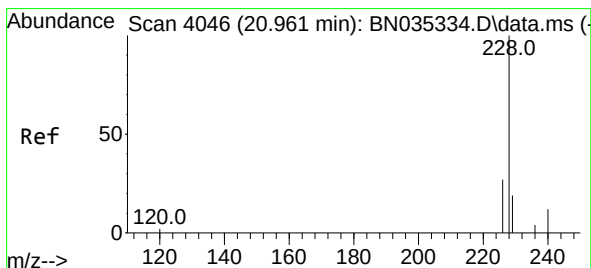
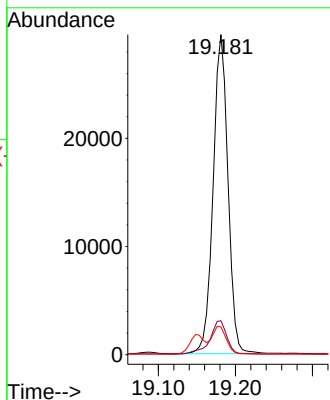
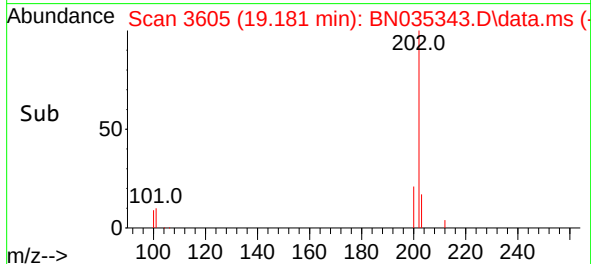
Instrument :
BNA_N
ClientSampleId :
E2A12DL



Tgt Ion:202 Resp: 3950
Ion Ratio Lower Upper
202 100
101 10.6 6.2 9.4
100 8.7 5.1 7.7

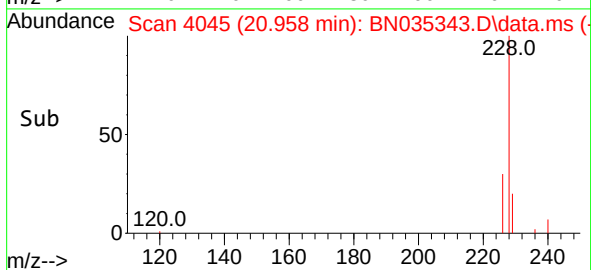
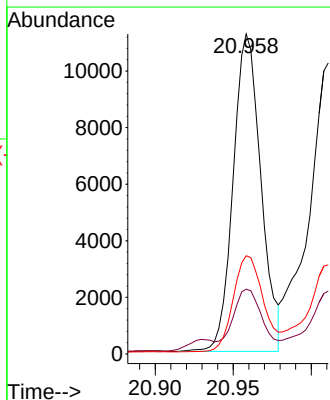
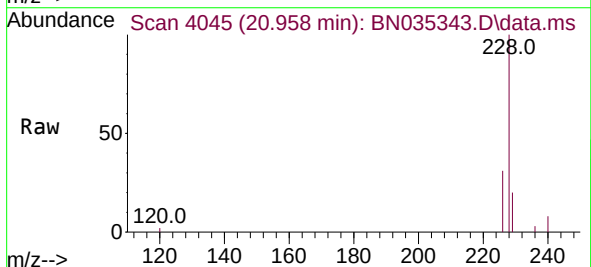
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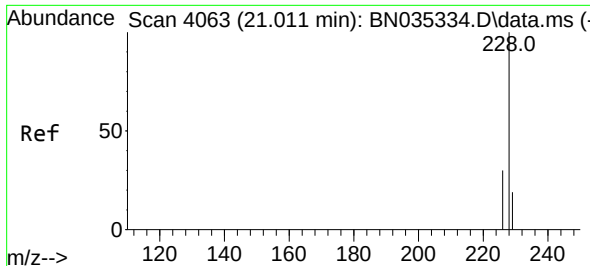
Reviewed By :Yogesh Patel 11/28/2024
Supervised By :mohammad ahmed 11/28/2024



#21
Benzo(a)anthracene
Concen: 0.501 ng/ul
RT: 20.958 min Scan# 4045
Delta R.T. -0.006 min
Lab File: BN035343.D
Acq: 27 Nov 2024 09:27

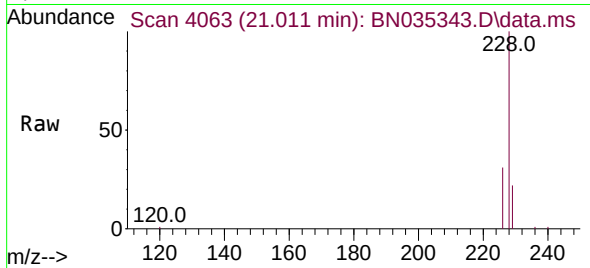
Tgt Ion:228 Resp: 13892
Ion Ratio Lower Upper
228 100
229 20.2 15.8 23.8
226 30.7 21.8 32.8





#22
Chrysene
Concen: 0.540 ng/ul
RT: 21.011 min Scan# 4063
Delta R.T. -0.006 min
Lab File: BN035343.D
Acq: 27 Nov 2024 09:27

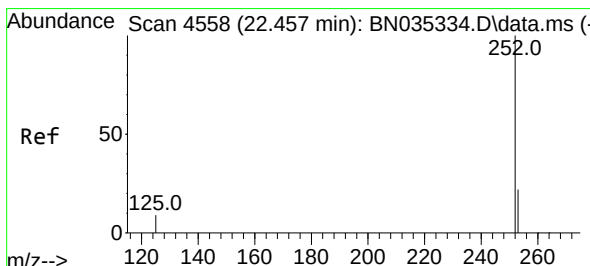
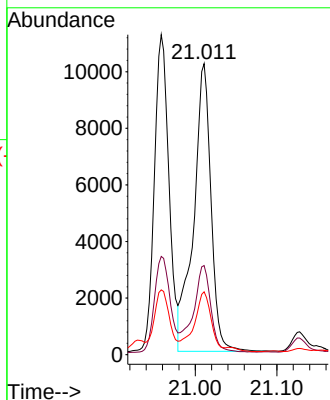
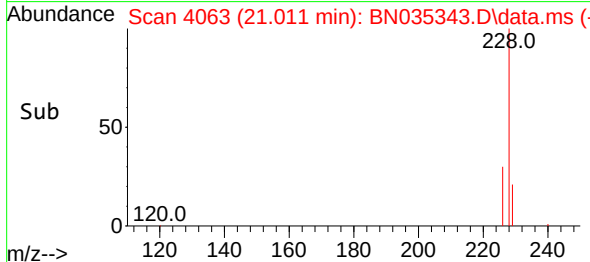
Instrument :
BNA_N
ClientSampleId :
E2A12DL



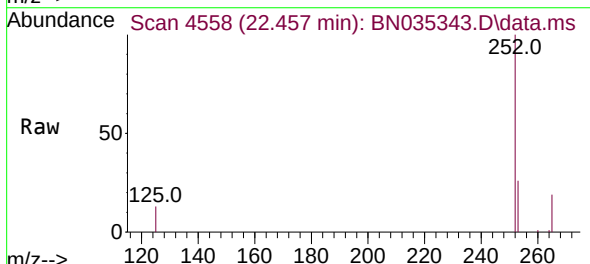
Tgt Ion:228 Resp: 1506
Ion Ratio Lower Upper
228 100
226 30.6 24.7 37.1
229 21.6 16.0 24.0

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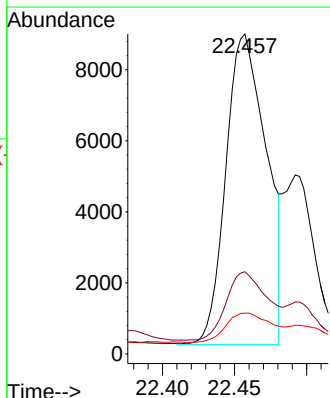
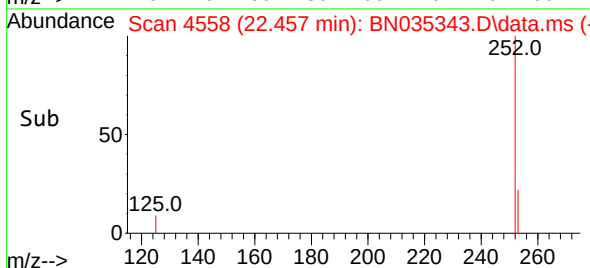
Reviewed By :Yogesh Patel 11/28/2024
Supervised By :mohammad ahmed 11/28/2024

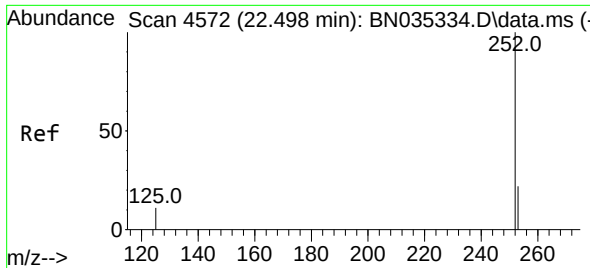


#24
Benzo(b)fluoranthene
Concen: 0.660 ng/ul m
RT: 22.457 min Scan# 4558
Delta R.T. -0.006 min
Lab File: BN035343.D
Acq: 27 Nov 2024 09:27



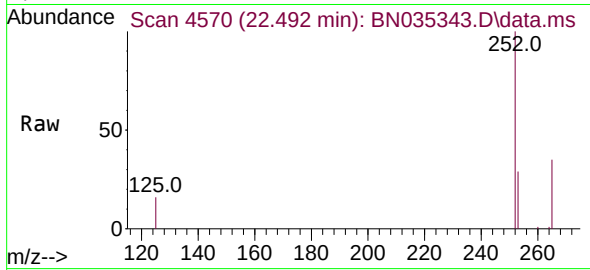
Tgt Ion:252 Resp: 17113
Ion Ratio Lower Upper
252 100
253 25.7 0.0 54.0
125 12.8 0.0 19.4





#25
Benzo(k)fluoranthene
Concen: 0.277 ng/ul m
RT: 22.492 min Scan# 4572
Delta R.T. -0.012 min
Lab File: BN035343.D
Acq: 27 Nov 2024 09:27

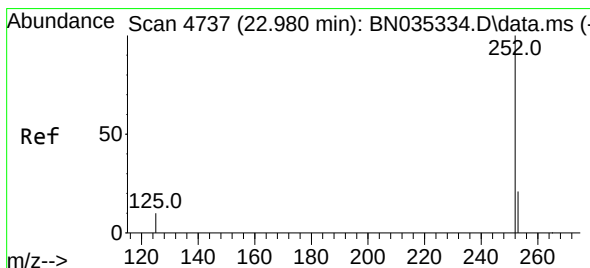
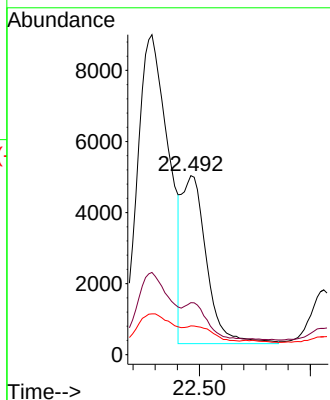
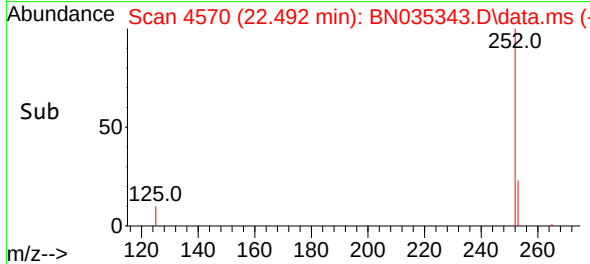
Instrument :
BNA_N
ClientSampleId :
E2A12DL



Tgt Ion:252 Resp: 7419
Ion Ratio Lower Upper
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253 29.1 21.8 32.6
125 16.1 8.6 12.8

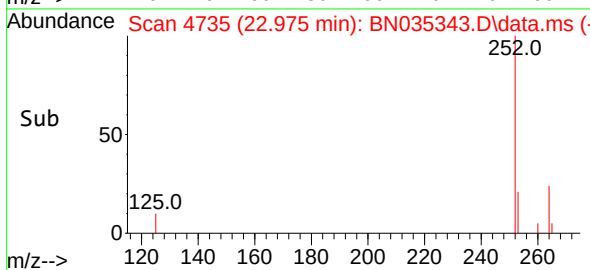
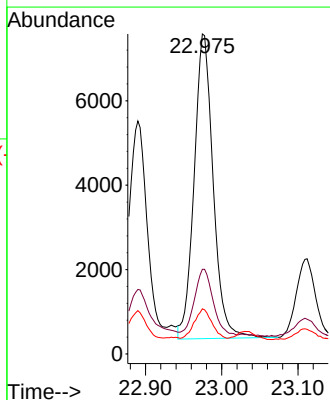
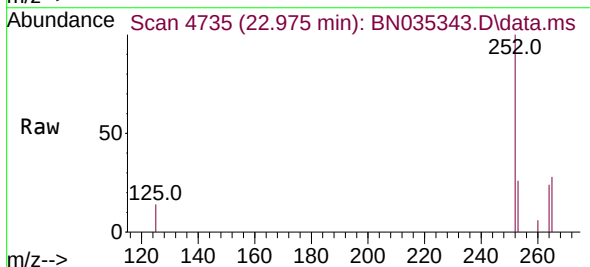
Manual Integrations
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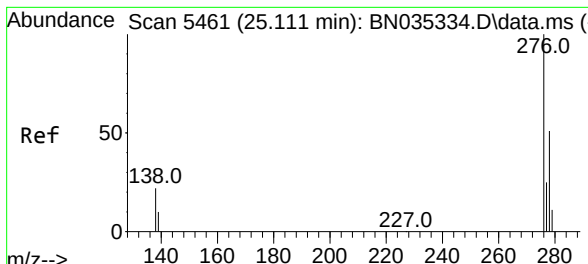
Reviewed By :Yogesh Patel 11/28/2024
Supervised By :mohammad ahmed 11/28/2024



#26
Benzo(a)pyrene
Concen: 0.529 ng/ul
RT: 22.975 min Scan# 4735
Delta R.T. -0.012 min
Lab File: BN035343.D
Acq: 27 Nov 2024 09:27

Tgt Ion:252 Resp: 12539
Ion Ratio Lower Upper
252 100
253 26.5 22.9 34.3
125 14.1 9.4 14.2





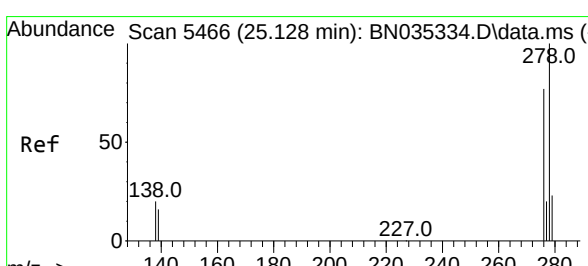
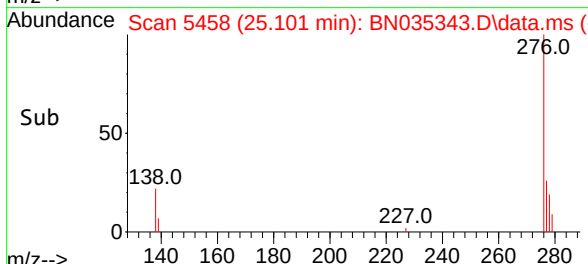
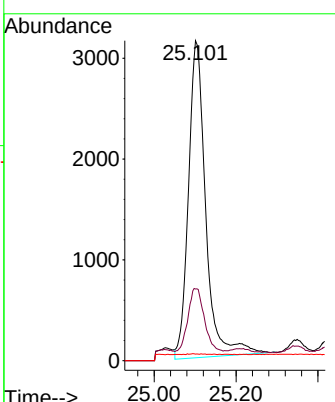
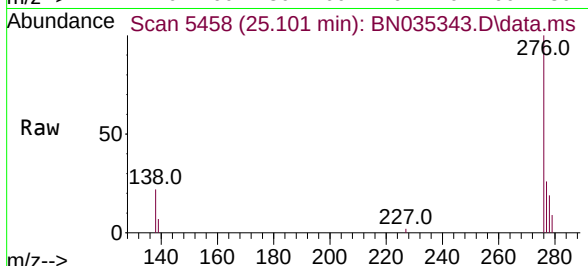
#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.288 ng/ul
 RT: 25.101 min Scan# 5458
 Delta R.T. -0.020 min
 Lab File: BN035343.D
 Acq: 27 Nov 2024 09:27

Instrument : BNA_N
 ClientSampleId : E2A12DL

Tgt Ion:	276	Resp:	9204
Ion Ratio	Lower	Upper	
276	100		
138	26.0	13.8	20.8
227	11.9	0.2	0.4

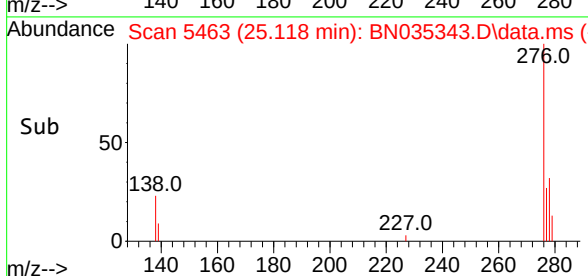
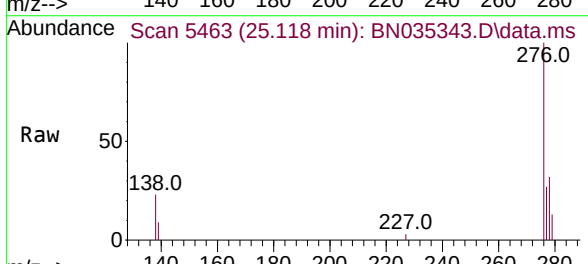
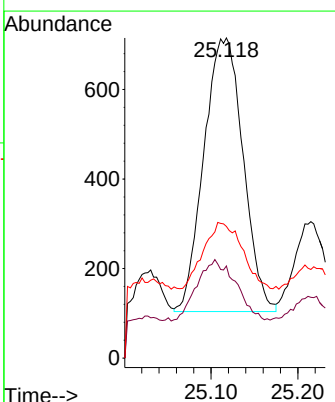
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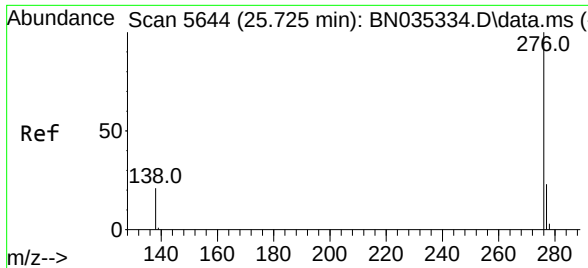
Reviewed By :Yogesh Patel 11/28/2024
 Supervised By :mohammad ahmed 11/28/2024



#28
 Dibenzo(a,h)anthracene
 Concen: 0.077 ng/ul m
 RT: 25.118 min Scan# 5463
 Delta R.T. -0.020 min
 Lab File: BN035343.D
 Acq: 27 Nov 2024 09:27

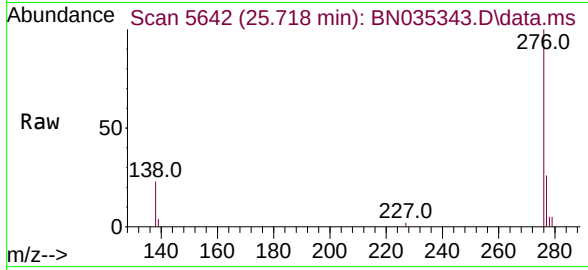
Tgt Ion:	278	Resp:	1920
Ion Ratio	Lower	Upper	
278	100		
139	28.8	10.7	16.1
279	41.1	22.8	34.2





#29
Benzo(g,h,i)perylene
Concen: 0.331 ng/ul
RT: 25.718 min Scan# 50
Delta R.T. -0.017 min
Lab File: BN035343.D
Acq: 27 Nov 2024 09:27

Instrument :
BNA_N
ClientSampleId :
E2A12DL



Tgt Ion:276 Resp: 8354

Ion	Ratio	Lower	Upper
276	100		
138	23.4	13.0	19.6
277	26.0	20.5	30.7

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/28/2024
Supervised By :mohammad ahmed 11/28/2024

