

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
 Data File : BN035689.D
 Acq On : 19 Dec 2024 03:06
 Operator : RC/JU
 Sample : P5258-16
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E28X9

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/24/2024
 Supervised By :mohammad ahmed 12/24/2024

Quant Time: Dec 19 03:40:08 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN121624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 16:26:08 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.276	152	2971	0.400	ng/ul	0.00
4) Naphthalene-d8	10.020	136	8227	0.400	ng/ul	-0.01
9) Acenaphthene-d10	13.939	164	5973	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.709	188	12104	0.400	ng/ul	0.00
17) Chrysene-d12	20.955	240	10877	0.400	ng/ul	0.00
23) Perylene-d12	23.039	264	13947	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.955	96	9195	3.491	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.626	152	2560	0.218	ng/ul	-0.01
18) Fluoranthene-d10	18.763	212	5516	0.174	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.069	128	727m	0.036	ng/ul	
7) 2-Methylnaphthalene	11.703	142	607	0.045	ng/ul	100
8) 1-Methylnaphthalene	11.928	142	472	0.034	ng/ul	97
10) Acenaphthylene	13.653	152	549	0.024	ng/ul#	58
11) Acenaphthene	14.004	153	943	0.054	ng/ul	97
12) Fluorene	15.003	166	639	0.031	ng/ul#	93
15) Phenanthrene	16.751	178	14108	0.466	ng/ul	99
16) Anthracene	16.840	178	3444	0.122	ng/ul#	93
19) Fluoranthene	18.791	202	29038	0.746	ng/ul	99
20) Pyrene	19.158	202	25824	0.603	ng/ul	99
21) Benzo(a)anthracene	20.938	228	13193	0.366	ng/ul	98
22) Chrysene	20.990	228	14046	0.375	ng/ul	98
24) Benzo(b)fluoranthene	22.431	252	18938m	0.461	ng/ul	
25) Benzo(k)fluoranthene	22.469	252	6509m	0.143	ng/ul	
26) Benzo(a)pyrene	22.948	252	12598m	0.316	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.064	276	9260m	0.191	ng/ul	
28) Dibenzo(a,h)anthracene	25.074	278	2122m	0.057	ng/ul	
29) Benzo(g,h,i)perylene	25.681	276	9876	0.254	ng/ul	98

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

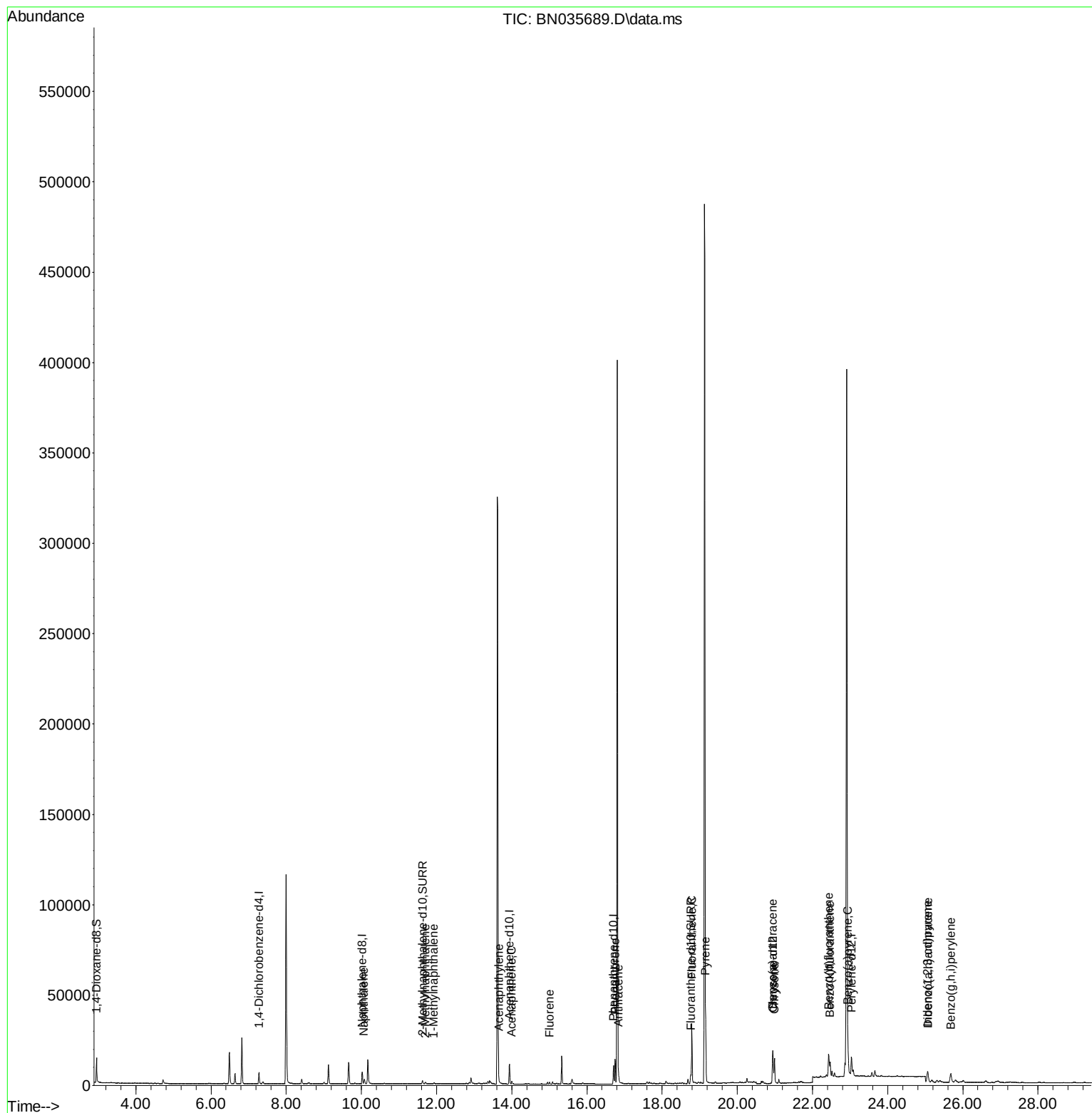
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035689.D
Acq On : 19 Dec 2024 03:06
Operator : RC/JU
Sample : P5258-16
Misc :
ALS Vial : 29 Sample Multiplier: 1

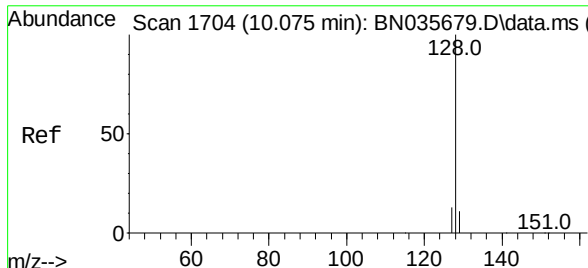
Instrument :
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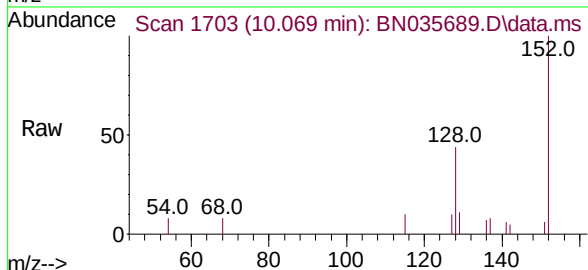
Quant Time: Dec 19 03:40:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:26:08 2024
Response via : Initial Calibration





Scan 1704 (10.075 min): BN035679.D\data.ms (-1655) (-)
 Naphthalene
 Concen: 0.036 ng/ul m
 RT: 10.069 min Scan# 1
 Delta R.T. -0.011 min
 Lab File: BN035689.D
 Acq: 19 Dec 2024 03:06

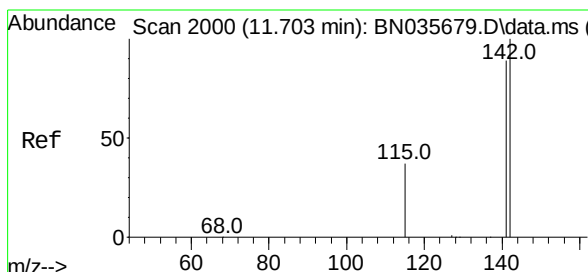
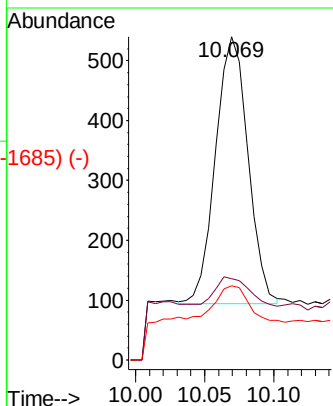
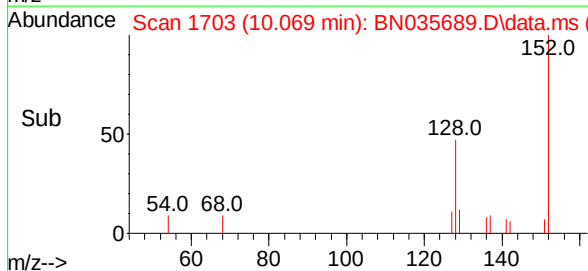
Instrument :
 BNA_N
 ClientSampleId :
 E28X9



Tgt Ion:	128	Resp:	72
Ion	Ratio	Lower	Upper
128	100		
129	25.2	10.8	16.2
127	23.0	12.0	18.0

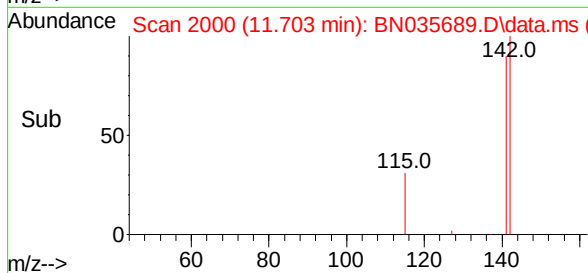
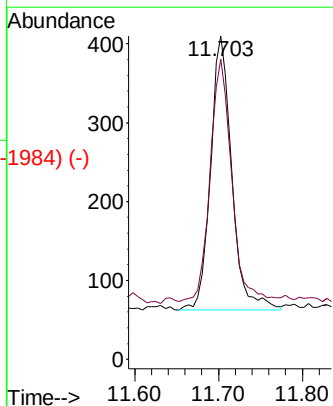
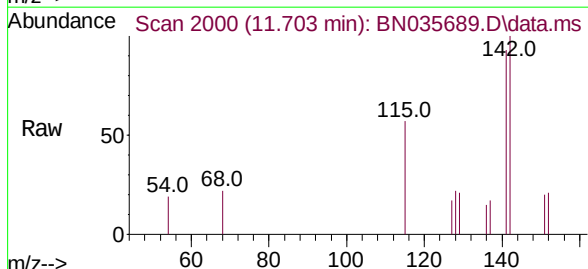
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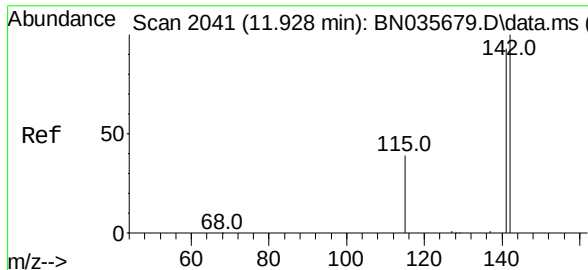
Reviewed By :Yogesh Patel 12/24/2024
 Supervised By :mohammad ahmed 12/24/2024



Scan 2000 (11.703 min): BN035679.D\data.ms (-1991) (-)
 2-Methylnaphthalene
 Concen: 0.045 ng/ul
 RT: 11.703 min Scan# 2000
 Delta R.T. -0.011 min
 Lab File: BN035689.D
 Acq: 19 Dec 2024 03:06

Tgt Ion:	142	Resp:	607
Ion	Ratio	Lower	Upper
142	100		
141	90.6	72.8	109.2





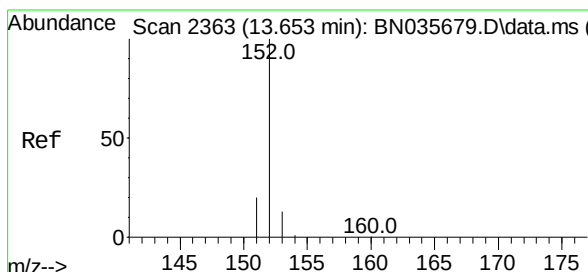
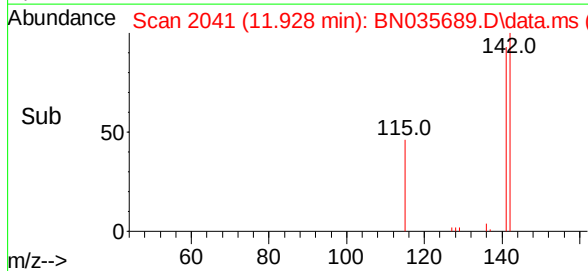
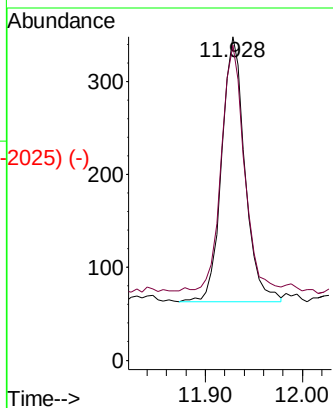
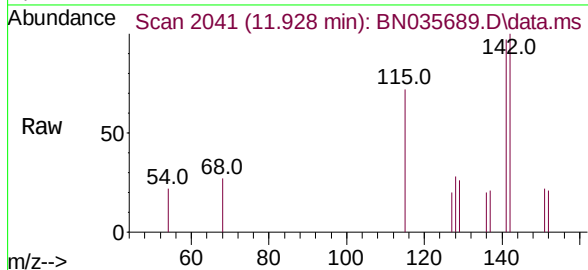
1-Methylnaphthalene
 Concen: 0.034 ng/ul
 RT: 11.928 min Scan# 2041
 Delta R.T. -0.011 min
 Lab File: BN035689.D
 Acq: 19 Dec 2024 03:06

Instrument :
 BNA_N
 ClientSampleId :
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Tgt Ion:142 Resp: 47
 Ion Ratio Lower Upper
 142 100
 141 90.0 74.7 112.1

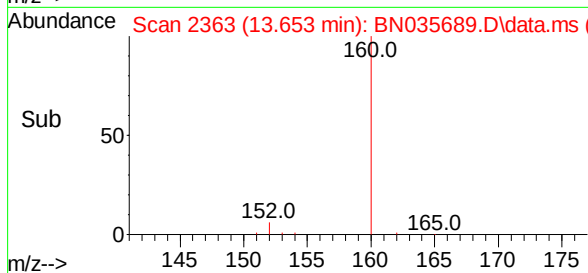
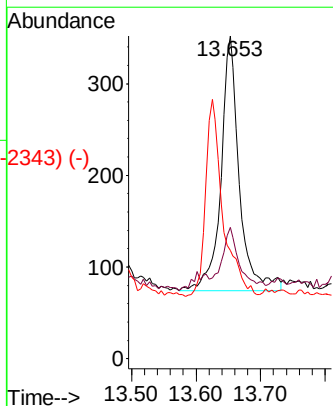
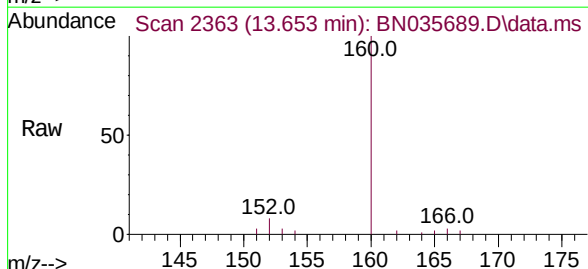
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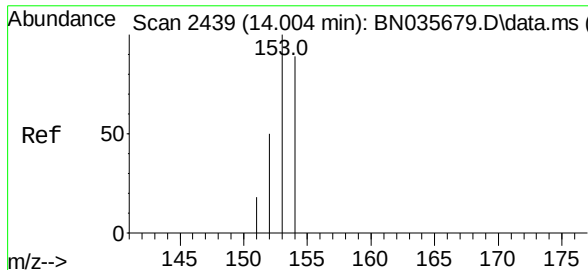
Reviewed By :Yogesh Patel 12/24/2024
 Supervised By :mohammad ahmed 12/24/2024



Acenaphthylene
 Concen: 0.024 ng/ul
 RT: 13.653 min Scan# 2363
 Delta R.T. -0.009 min
 Lab File: BN035689.D
 Acq: 19 Dec 2024 03:06

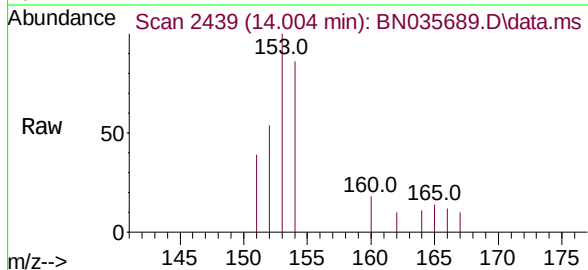
Tgt Ion:152 Resp: 549
 Ion Ratio Lower Upper
 152 100
 151 40.6 17.6 26.4#
 153 33.5 11.4 17.2#





Acenaphthene
Concen: 0.054 ng/ul
RT: 14.004 min Scan# 2439
Delta R.T. -0.005 min
Lab File: BN035689.D
Acq: 19 Dec 2024 03:06

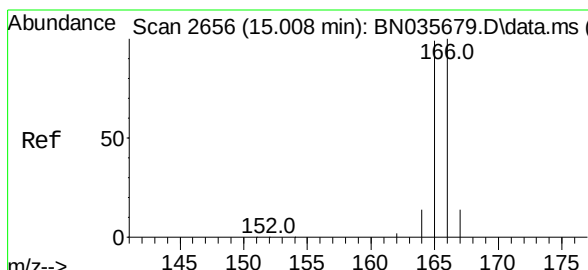
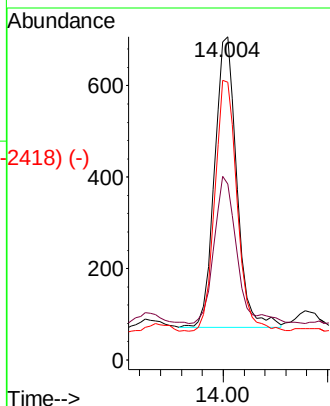
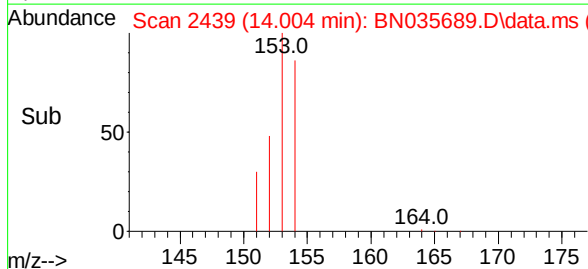
Instrument :
BNA_N
ClientSampleId :
E28X9



Tgt Ion:153 Resp: 94
Ion Ratio Lower Upper
153 100
152 54.5 39.8 59.6
154 86.0 69.8 104.8

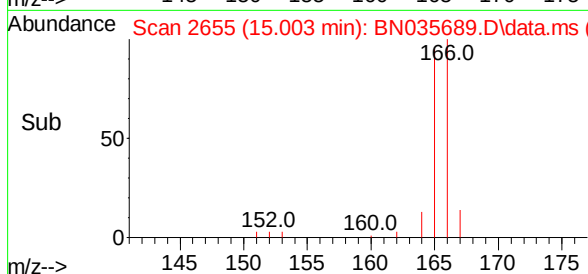
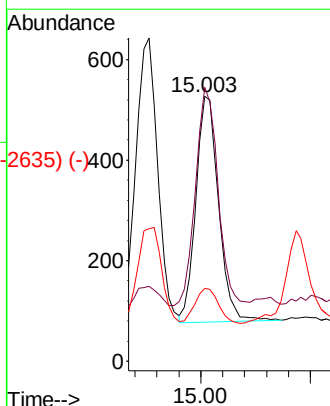
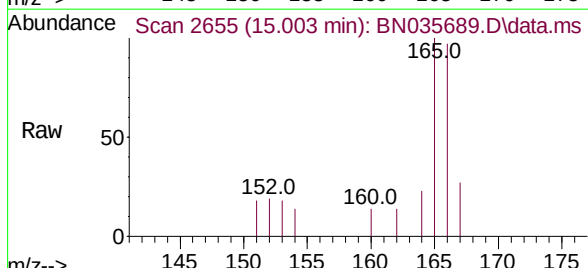
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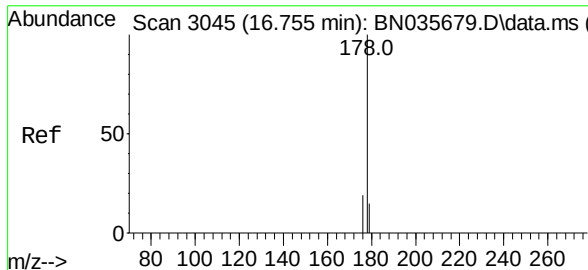
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/24/2024



Fluorene
Concen: 0.031 ng/ul
RT: 15.003 min Scan# 2655
Delta R.T. -0.009 min
Lab File: BN035689.D
Acq: 19 Dec 2024 03:06

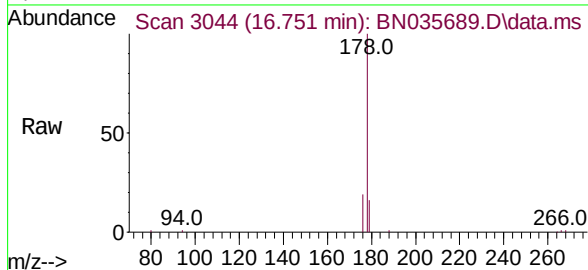
Tgt Ion:166 Resp: 639
Ion Ratio Lower Upper
166 100
165 103.4 79.5 119.3
167 27.5 11.8 17.8#





Phenanthrene
Concen: 0.466 ng/ul
RT: 16.751 min Scan# 3044
Delta R.T. -0.008 min
Lab File: BN035689.D
Acq: 19 Dec 2024 03:06

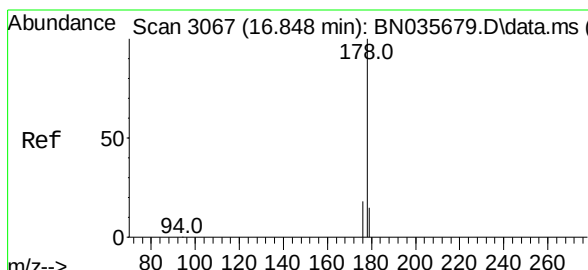
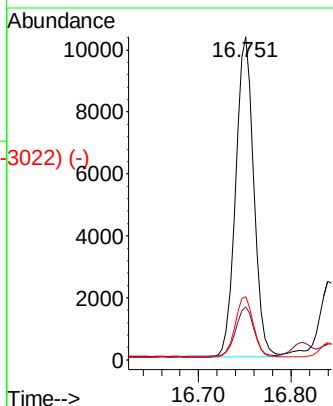
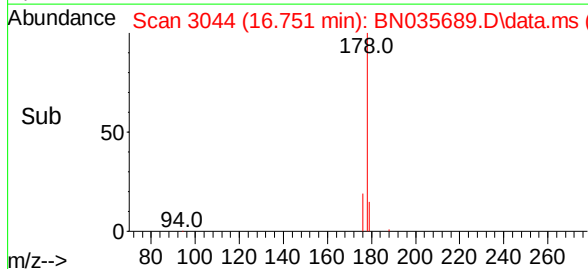
Instrument :
BNA_N
ClientSampleId :
E28X9



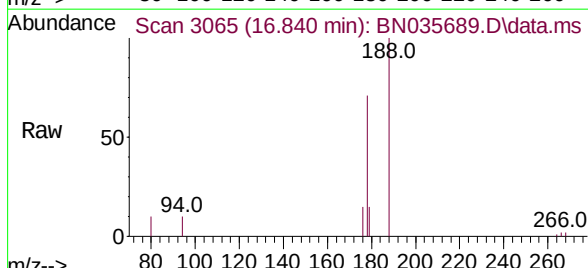
Tgt Ion:178 Resp: 1410
Ion Ratio Lower Upper
178 100
179 16.3 13.3 19.9
176 19.5 15.8 23.8

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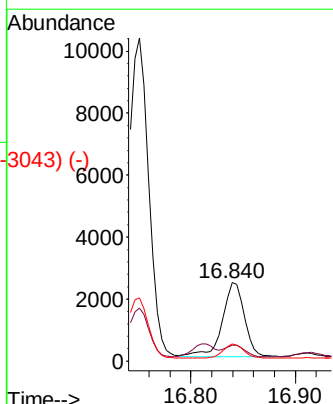
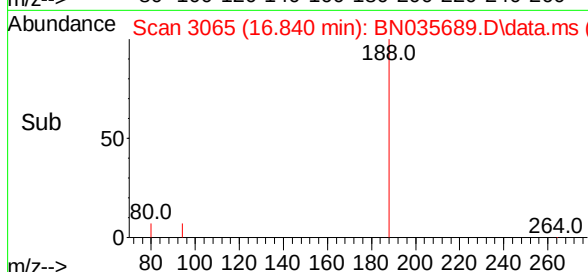
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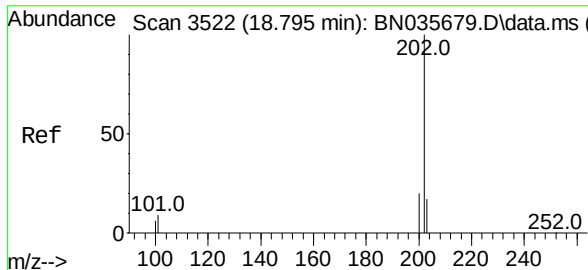


Anthracene
Concen: 0.122 ng/ul
RT: 16.840 min Scan# 3065
Delta R.T. -0.008 min
Lab File: BN035689.D
Acq: 19 Dec 2024 03:06



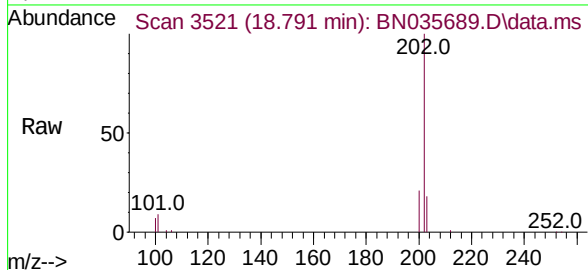
Tgt Ion:178 Resp: 3444
Ion Ratio Lower Upper
178 100
179 20.7 13.4 20.0#
176 21.7 15.4 23.0





Fluoranthene
Concen: 0.746 ng/ul
RT: 18.791 min Scan# 3519
Delta R.T. -0.009 min
Lab File: BN035689.D
Acq: 19 Dec 2024 03:06

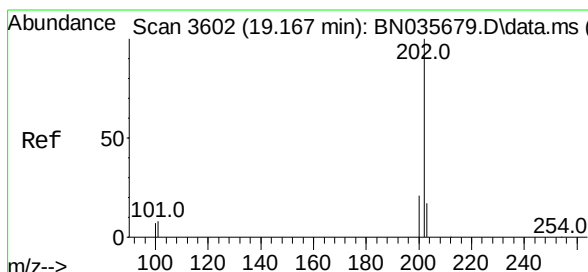
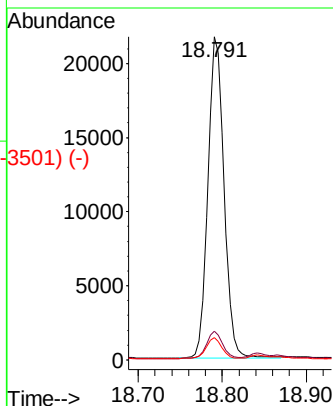
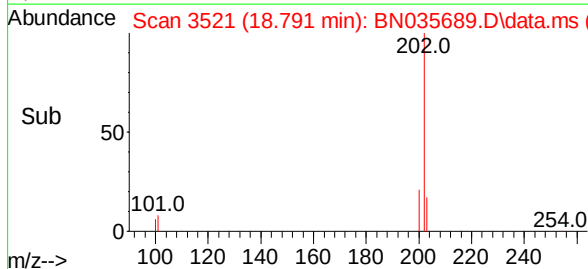
Instrument :
BNA_N
ClientSampleId :
E28X9



Tgt Ion:	202	Resp:	2900
Ion Ratio	Lower	Upper	
202	100		
101	8.9	7.3	10.9
100	6.8	5.4	8.0

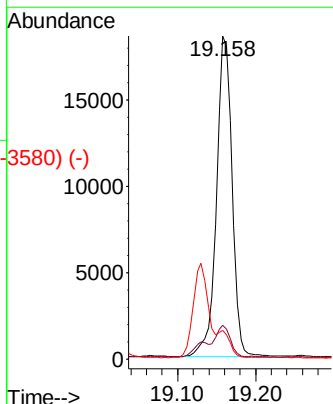
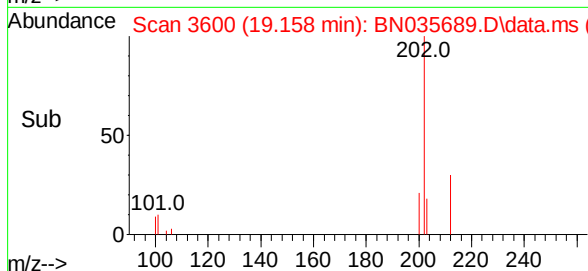
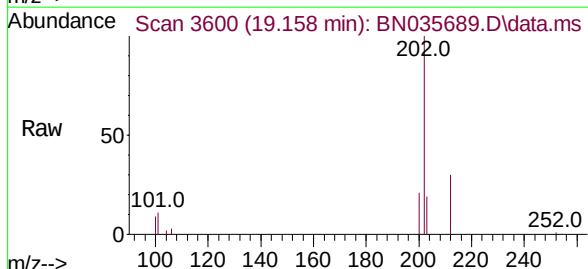
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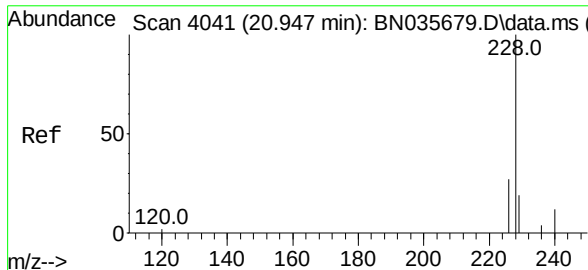
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/24/2024



Pyrene
Concen: 0.603 ng/ul
RT: 19.158 min Scan# 3600
Delta R.T. -0.009 min
Lab File: BN035689.D
Acq: 19 Dec 2024 03:06

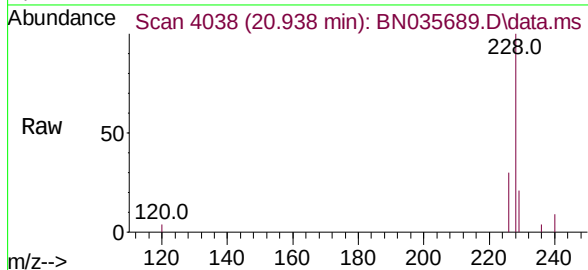
Tgt Ion:	202	Resp:	25824
Ion Ratio	Lower	Upper	
202	100		
101	10.5	8.5	12.7
100	8.9	6.5	9.7





Benzo(a)anthracene
Concen: 0.366 ng/ul
RT: 20.938 min Scan# 4038
Delta R.T. -0.012 min
Lab File: BN035689.D
Acq: 19 Dec 2024 03:06

Instrument :
BNA_N
ClientSampleId :
E28X9

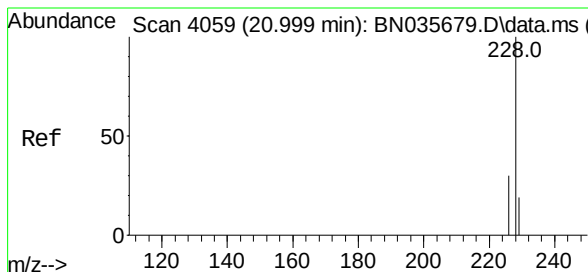
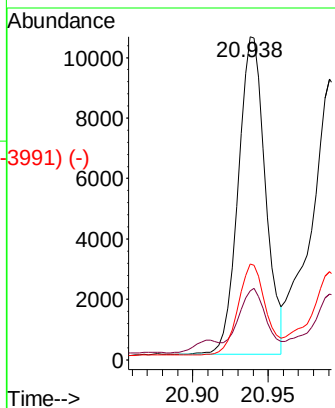
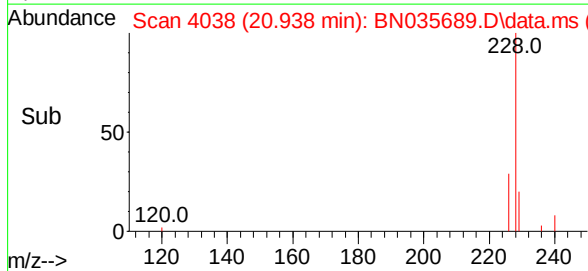


Tgt Ion:228 Resp: 1319

Ion	Ratio	Lower	Upper
228	100		
229	21.4	16.6	25.0
226	29.6	22.5	33.7

Manual Integrations
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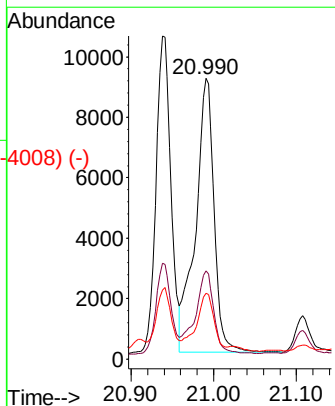
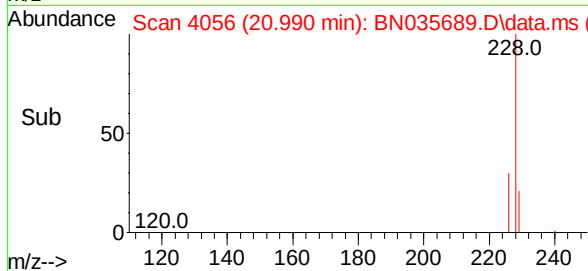
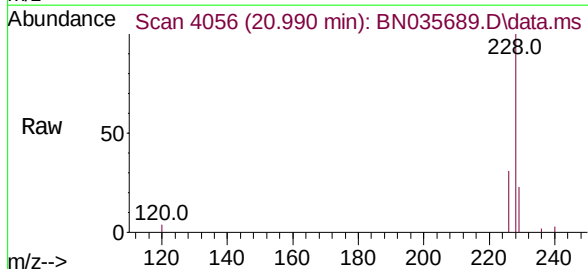
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/24/2024

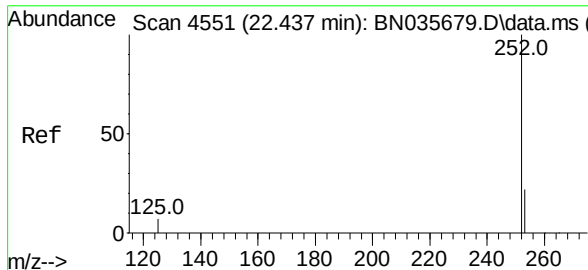


Chrysene
Concen: 0.375 ng/ul
RT: 20.990 min Scan# 4056
Delta R.T. -0.009 min
Lab File: BN035689.D
Acq: 19 Dec 2024 03:06

Tgt Ion:228 Resp: 14046

Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.1	37.7
229	23.5	16.6	24.8





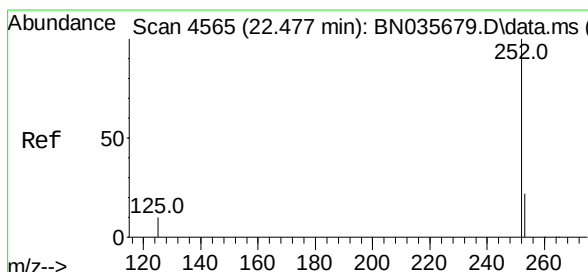
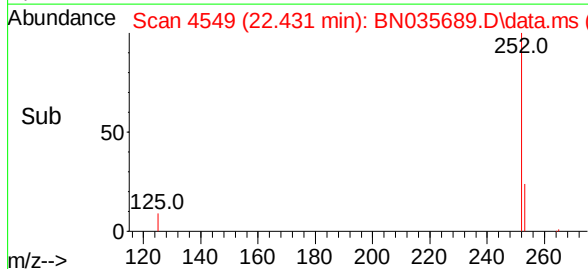
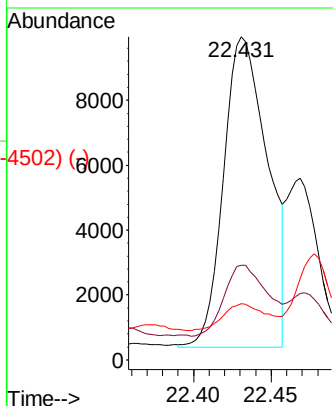
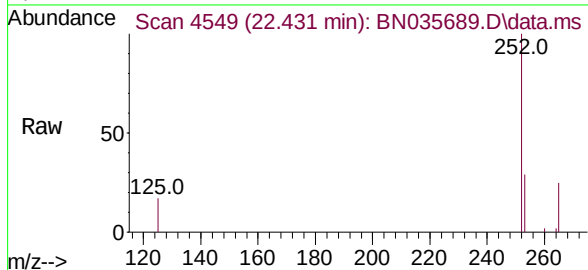
Benzo(b)fluoranthene
Concen: 0.461 ng/ul m
RT: 22.431 min Scan# 4549
Delta R.T. -0.012 min
Lab File: BN035689.D
Acq: 19 Dec 2024 03:06

Instrument :
BNA_N
ClientSampleId :
E28X9

Tgt Ion:252 Resp: 1893
Ion Ratio Lower Upper
252 100
253 29.4 0.0 56.4
125 17.3 0.0 37.6

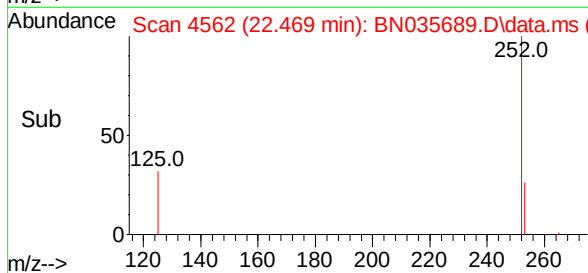
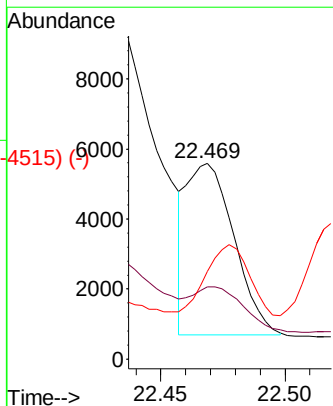
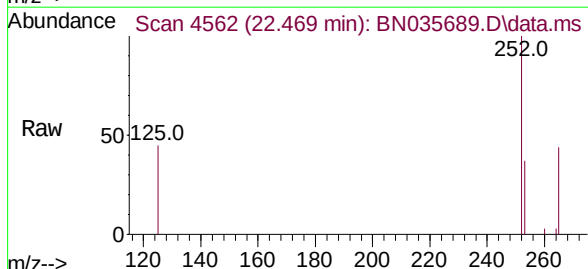
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Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/24/2024

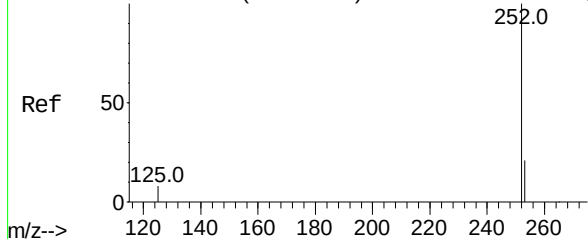


Benzo(k)fluoranthene
Concen: 0.143 ng/ul m
RT: 22.469 min Scan# 4562
Delta R.T. -0.012 min
Lab File: BN035689.D
Acq: 19 Dec 2024 03:06

Tgt Ion:252 Resp: 6509
Ion Ratio Lower Upper
252 100
253 36.7 22.1 33.1#
125 44.7 15.3 22.9#

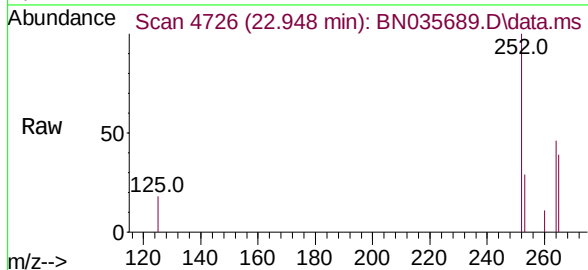


Abundance Scan 4730 (22.960 min): BN035679.D\data.ms (-4729) (-)



Benzo(a)pyrene
Concen: 0.316 ng/ul m
RT: 22.948 min Scan# 4726
Delta R.T. -0.015 min
Lab File: BN035689.D
Acq: 19 Dec 2024 03:06

Instrument :
BNA_N
ClientSampleId :
E28X9

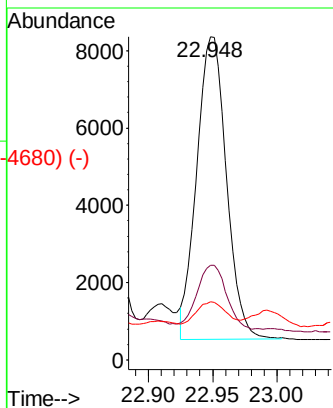
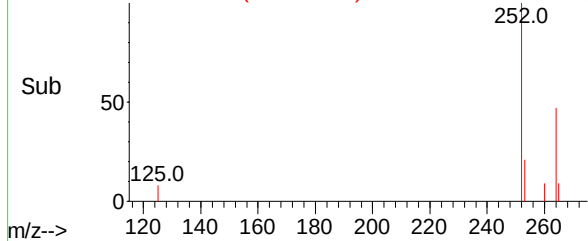


Tgt Ion:252 Resp: 1259
Ion Ratio Lower Upper
252 100
253 29.3 24.1 36.3
125 18.0 19.1 28.7

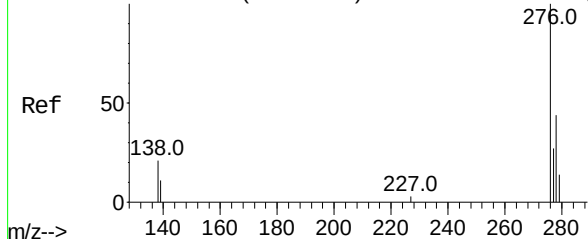
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/24/2024
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Abundance Scan 4726 (22.948 min): BN035689.D\data.ms (-4680) (-)

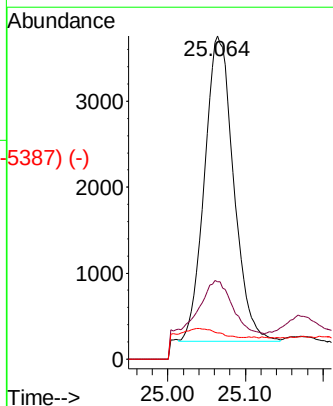
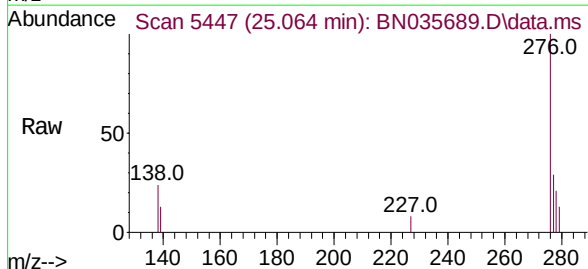


Abundance Scan 5451 (25.077 min): BN035679.D\data.ms (-5427) (-)

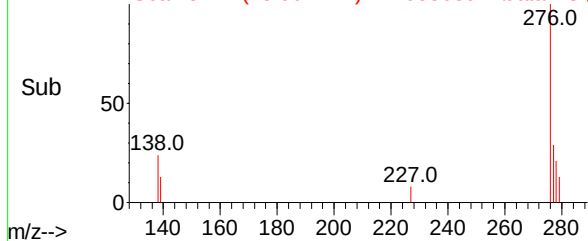


Indeno(1,2,3-cd)pyrene
Concen: 0.191 ng/ul m
RT: 25.064 min Scan# 5447
Delta R.T. -0.017 min
Lab File: BN035689.D
Acq: 19 Dec 2024 03:06

Tgt Ion:276 Resp: 9260
Ion Ratio Lower Upper
276 100
138 73.2 14.7 22.1#
227 0.0 21.6 32.4#



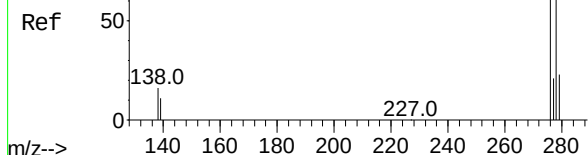
Abundance Scan 5447 (25.064 min): BN035689.D\data.ms (-5387) (-)



Abundance Scan 5457 (25.097 min): BN035679.D\data.ms (-5428) (-)

Dibenzo(a,h)anthracene
Concen: 0.057 ng/ul m
RT: 25.074 min Scan#
Delta R.T. -0.027 min
Lab File: BN035689.D
Acq: 19 Dec 2024 03:06

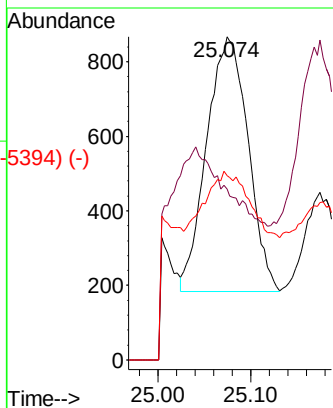
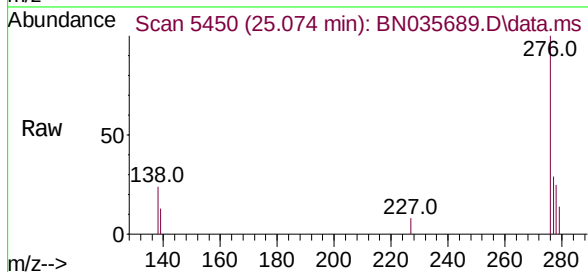
Instrument :
BNA_N
ClientSampleId :
E28X9



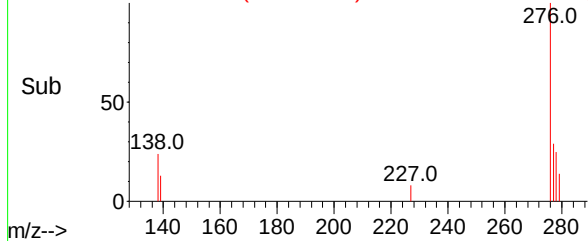
Tgt Ion:	278	Resp:	212
Ion	Ratio	Lower	Upper
278	100		
139	52.8	19.8	29.8
279	57.1	24.0	36.0

Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 12/24/2024



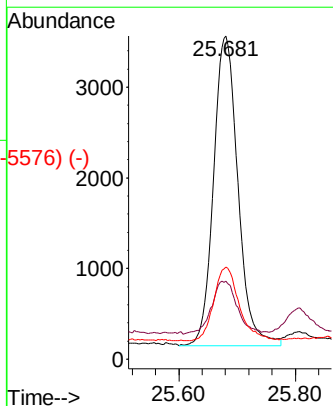
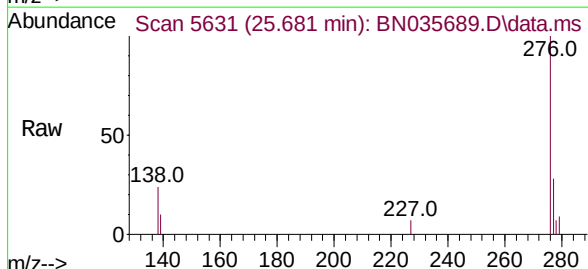
Abundance Scan 5450 (25.074 min): BN035689.D\data.ms (-5394) (-)



Abundance Scan 5635 (25.694 min): BN035679.D\data.ms (-5629) (-)

Benzo(g,h,i)perylene
Concen: 0.254 ng/ul
RT: 25.681 min Scan# 5631
Delta R.T. -0.017 min
Lab File: BN035689.D
Acq: 19 Dec 2024 03:06

Tgt Ion:	276	Resp:	9876
Ion	Ratio	Lower	Upper
276	100		
138	24.2	19.6	29.4
277	28.4	21.6	32.4



Abundance Scan 5631 (25.681 min): BN035689.D\data.ms (-5576) (-)

