

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
 Data File : BN035691.D
 Acq On : 19 Dec 2024 04:18
 Operator : RC/JU
 Sample : P5258-18
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E28Y1

Manual Integrations
 APPROVED

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

Quant Time: Dec 19 06:47:18 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	3042	0.400	ng/ul	0.00
4) Naphthalene-d8	10.020	136	8509	0.400	ng/ul	-0.01
9) Acenaphthene-d10	13.940	164	6106	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.709	188	13460	0.400	ng/ul	0.00
17) Chrysene-d12	20.956	240	12122	0.400	ng/ul	0.00
23) Perylene-d12	23.039	264	14259	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.951	96	9800	3.634	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.626	152	2289	0.189	ng/ul	-0.01
18) Fluoranthene-d10	18.763	212	4555	0.129	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.070	128	626m	0.030	ng/ul	
7) 2-Methylnaphthalene	11.703	142	482	0.034	ng/ul	97
8) 1-Methylnaphthalene	11.928	142	436	0.030	ng/ul	100
11) Acenaphthene	14.004	153	648	0.036	ng/ul	94
12) Fluorene	15.004	166	506	0.024	ng/ul#	90
15) Phenanthrene	16.751	178	11938	0.354	ng/ul	100
16) Anthracene	16.840	178	2639	0.084	ng/ul#	92
19) Fluoranthene	18.791	202	27910	0.644	ng/ul	99
20) Pyrene	19.158	202	25000	0.523	ng/ul	98
21) Benzo(a)anthracene	20.941	228	13142	0.327	ng/ul	98
22) Chrysene	20.991	228	14109	0.338	ng/ul	97
24) Benzo(b)fluoranthene	22.431	252	17927m	0.427	ng/ul	
25) Benzo(k)fluoranthene	22.469	252	6794m	0.146	ng/ul	
26) Benzo(a)pyrene	22.948	252	12110m	0.298	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.064	276	8629m	0.174	ng/ul	
28) Dibenzo(a,h)anthracene	25.074	278	2023m	0.053	ng/ul	
29) Benzo(g,h,i)perylene	25.678	276	8928	0.225	ng/ul	98

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

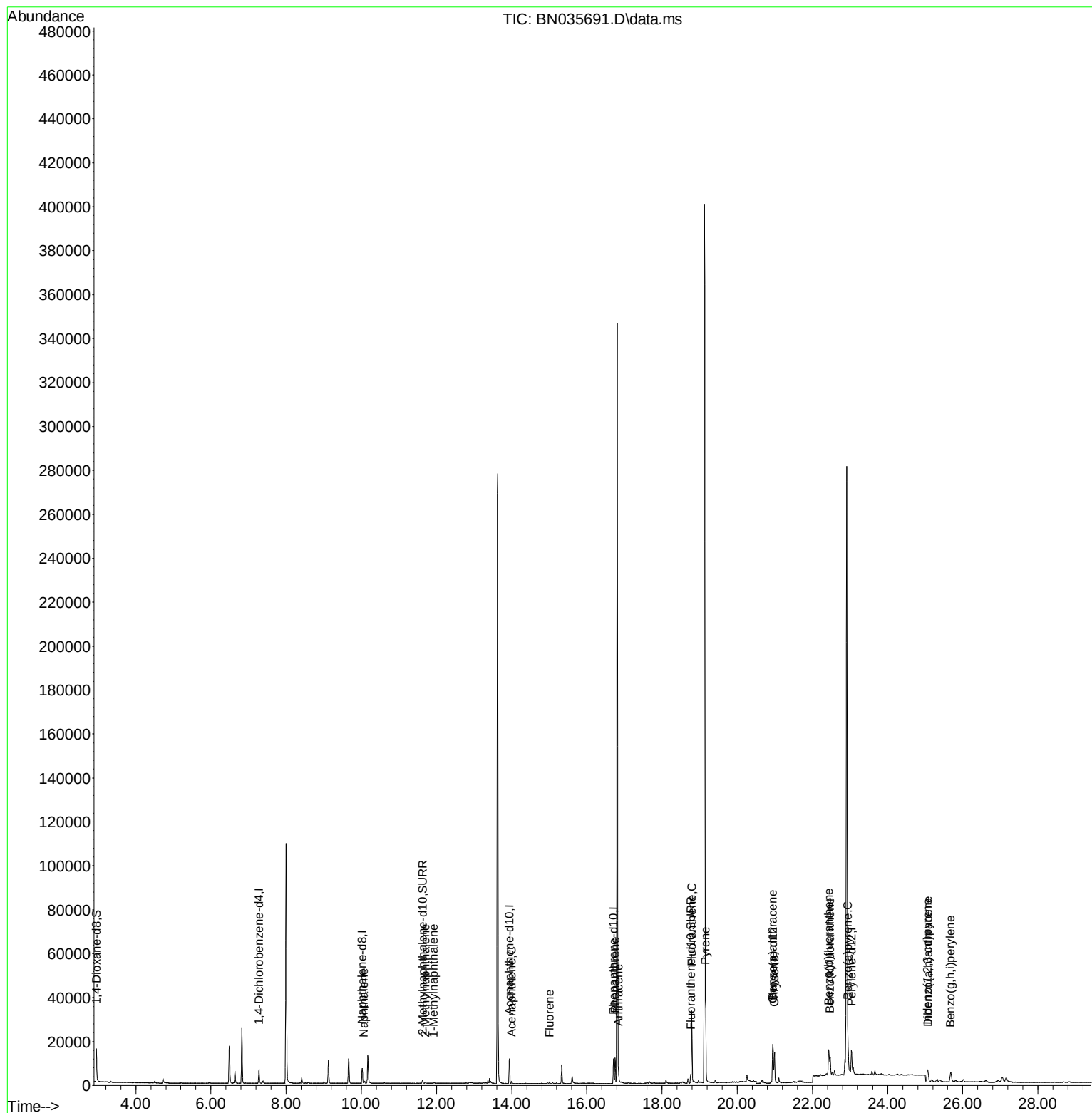
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035691.D
Acq On : 19 Dec 2024 04:18
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ALS Vial : 31 Sample Multiplier: 1

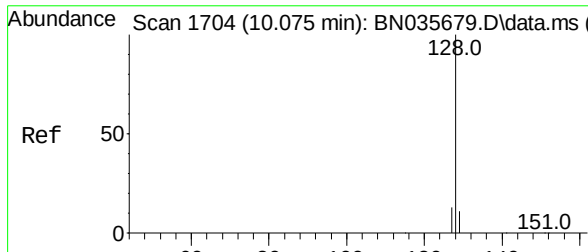
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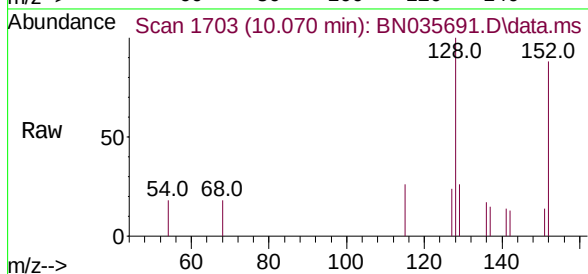
Quant Time: Dec 19 06:47:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:26:08 2024
Response via : Initial Calibration





Scan 1704 (10.075 min): BN035679.D\data.ms (-1655) (-)
 Naphthalene
 Concen: 0.030 ng/ul m
 RT: 10.070 min Scan# 1
 Delta R.T. -0.011 min
 Lab File: BN035691.D
 Acq: 19 Dec 2024 04:18

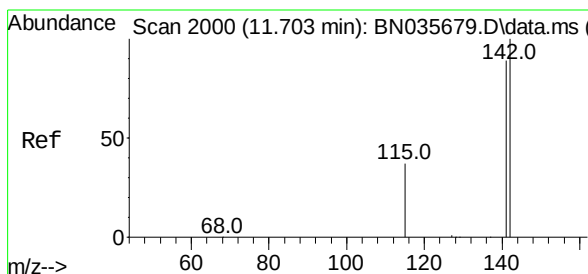
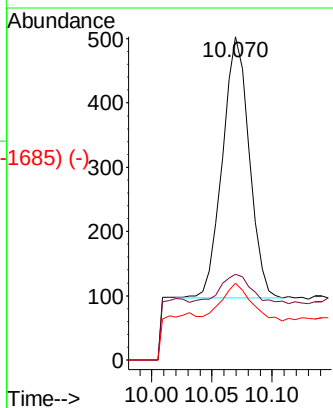
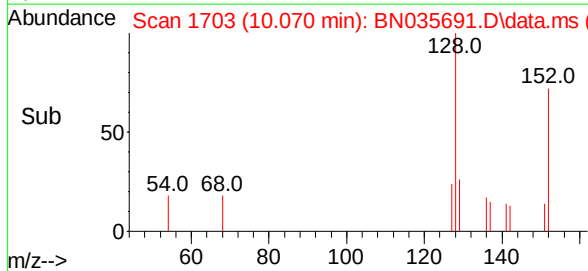
Instrument :
 BNA_N
 ClientSampleId :
 E28Y1



Tgt Ion:	128	Resp:	62
Ion	Ratio	Lower	Upper
128	100		
129	26.4	10.8	16.2
127	23.9	12.0	18.0

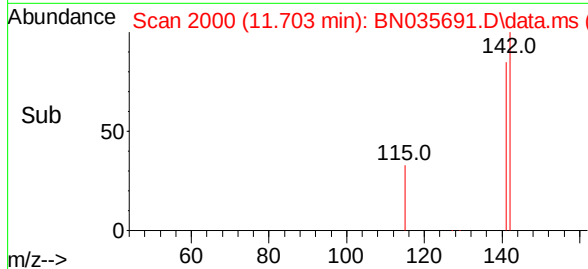
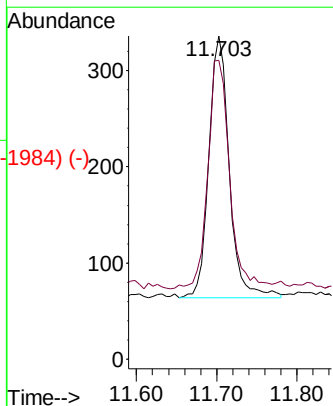
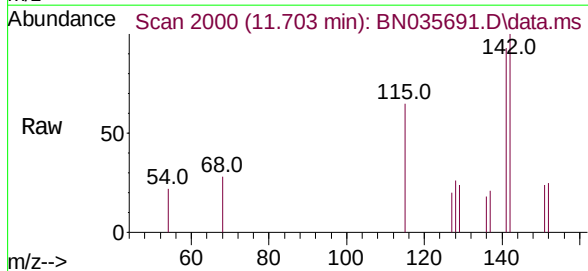
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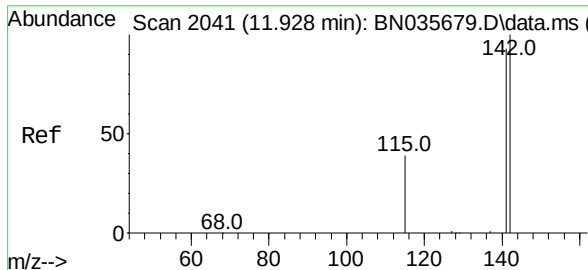
Reviewed By :Yogesh Patel 12/24/2024
 Supervised By :mohammad ahmed 12/24/2024



Scan 2000 (11.703 min): BN035679.D\data.ms (-1991) (-)
 2-Methylnaphthalene
 Concen: 0.034 ng/ul
 RT: 11.703 min Scan# 2000
 Delta R.T. -0.011 min
 Lab File: BN035691.D
 Acq: 19 Dec 2024 04:18

Tgt Ion:	142	Resp:	482
Ion	Ratio	Lower	Upper
142	100		
141	94.0	72.8	109.2





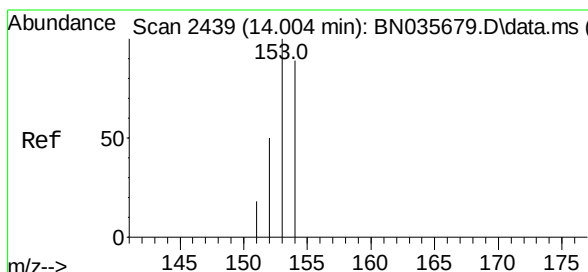
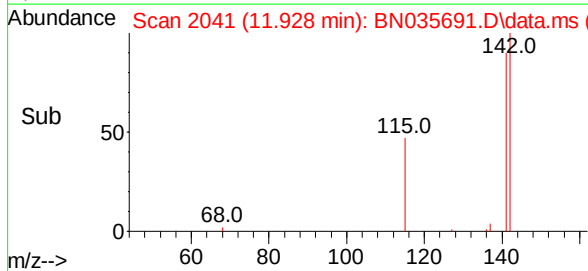
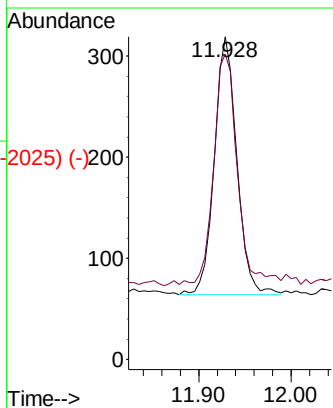
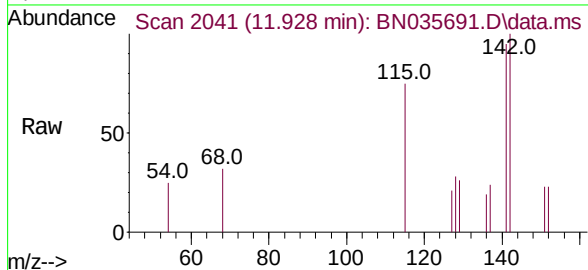
1-Methylnaphthalene
 Concen: 0.030 ng/ul
 RT: 11.928 min Scan# 2041
 Delta R.T. -0.011 min
 Lab File: BN035691.D
 Acq: 19 Dec 2024 04:18

Instrument :
 BNA_N
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 E28Y1

Tgt Ion:142 Resp: 43
 Ion Ratio Lower Upper
 142 100
 141 93.3 74.7 112.1

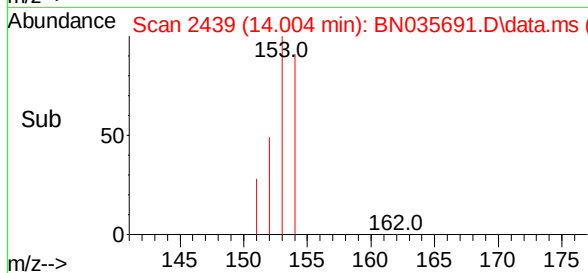
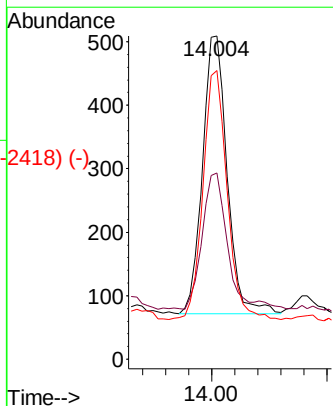
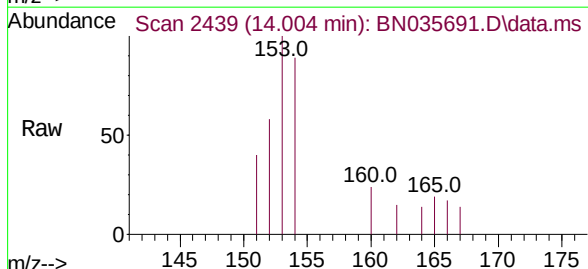
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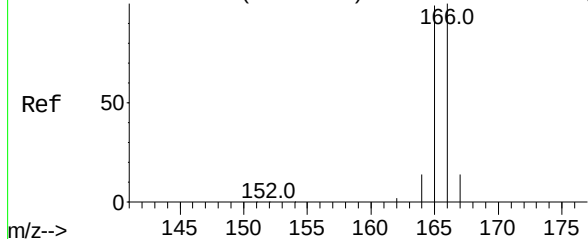


Acenaphthene
 Concen: 0.036 ng/ul
 RT: 14.004 min Scan# 2439
 Delta R.T. -0.004 min
 Lab File: BN035691.D
 Acq: 19 Dec 2024 04:18

Tgt Ion:153 Resp: 648
 Ion Ratio Lower Upper
 153 100
 152 57.6 39.8 59.6
 154 89.4 69.8 104.8

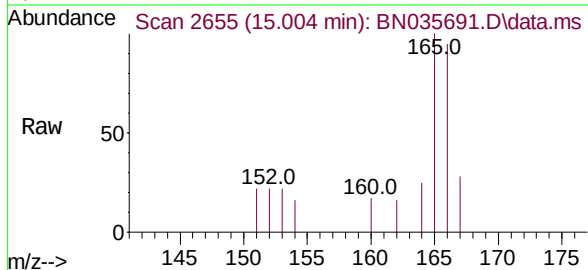


Abundance Scan 2656 (15.008 min): BN035679.D\data.ms (-2644) (-)



Fluorene
Concen: 0.024 ng/ul
RT: 15.004 min Scan# 2644
Delta R.T. -0.009 min
Lab File: BN035691.D
Acq: 19 Dec 2024 04:18

Instrument :
BNA_N
ClientSampleId :
E28Y1

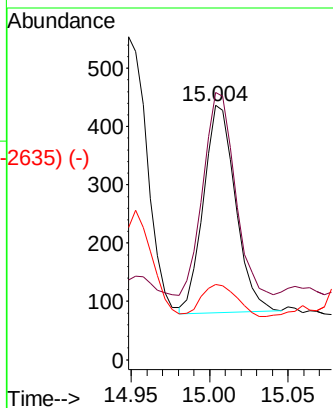
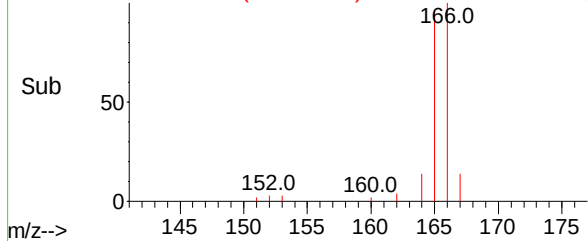


Tgt Ion:	166	Resp:	50
Ion	Ratio	Lower	Upper
166	100		
165	105.3	79.5	119.3
167	29.6	11.8	17.8

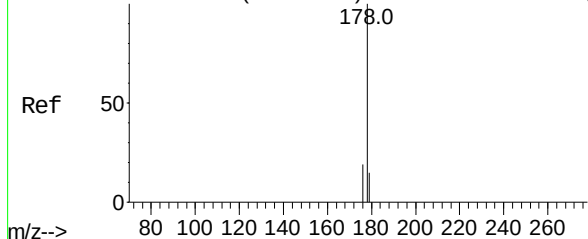
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Abundance Scan 2655 (15.004 min): BN035691.D\data.ms (-2635) (-)

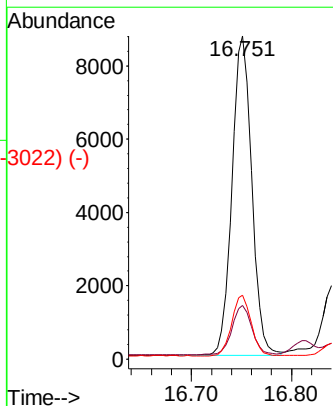
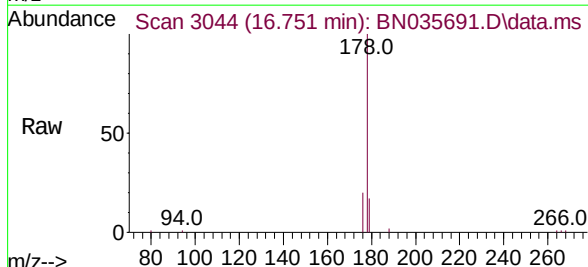


Abundance Scan 3045 (16.755 min): BN035679.D\data.ms (-3036) (-)

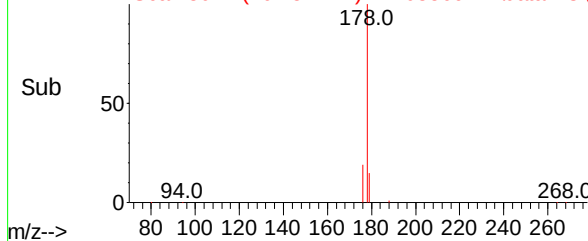


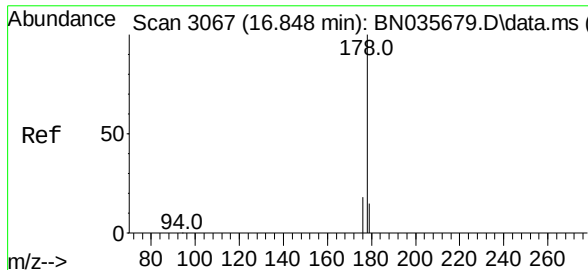
Phenanthrene
Concen: 0.354 ng/ul
RT: 16.751 min Scan# 3044
Delta R.T. -0.008 min
Lab File: BN035691.D
Acq: 19 Dec 2024 04:18

Tgt Ion:	178	Resp:	11938
Ion	Ratio	Lower	Upper
178	100		
179	16.6	13.3	19.9
176	19.7	15.8	23.8



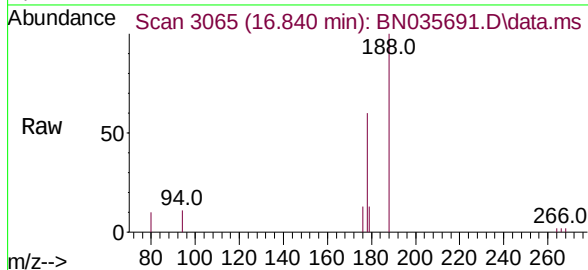
Abundance Scan 3044 (16.751 min): BN035691.D\data.ms (-3022) (-)





Scan 3067 (16.848 min): BN035679.D\data.ms (-3038) (-)
Anthracene
 Concen: 0.084 ng/ul
 RT: 16.840 min Scan# 3065
 Delta R.T. -0.008 min
 Lab File: BN035691.D
 Acq: 19 Dec 2024 04:18

Instrument :
 BNA_N
ClientSampleId :
 E28Y1

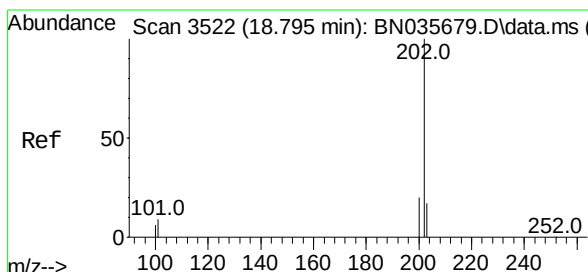
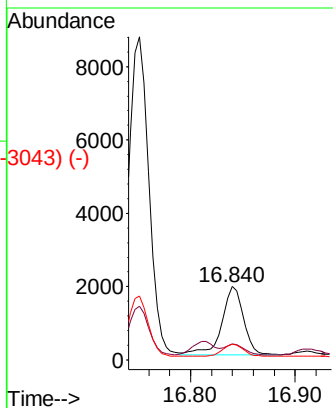
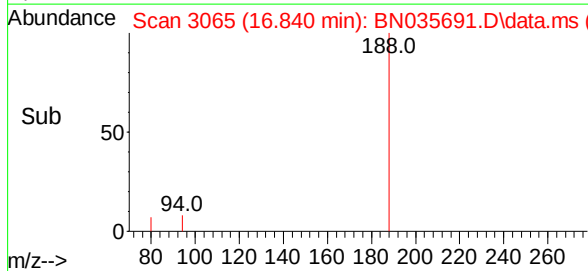


Tgt Ion:178 Resp: 263

Ion	Ratio	Lower	Upper
178	100		
179	21.5	13.4	20.0
176	21.9	15.4	23.0

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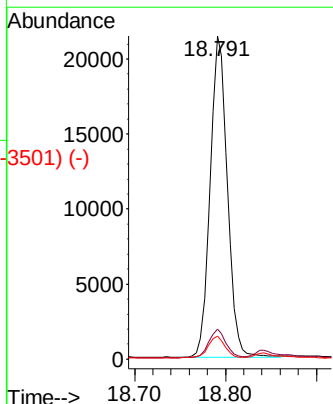
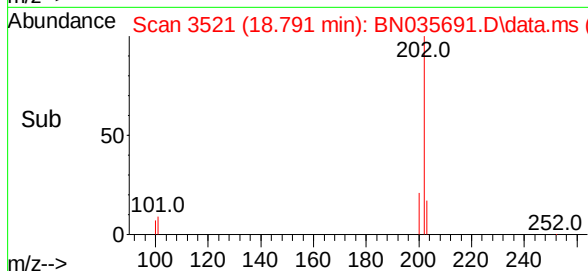
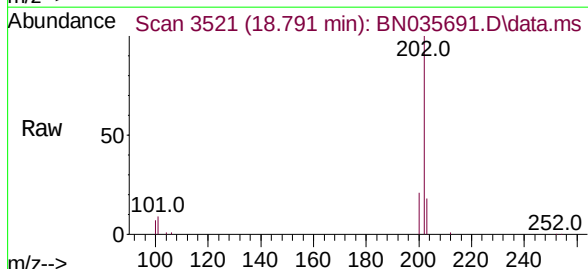
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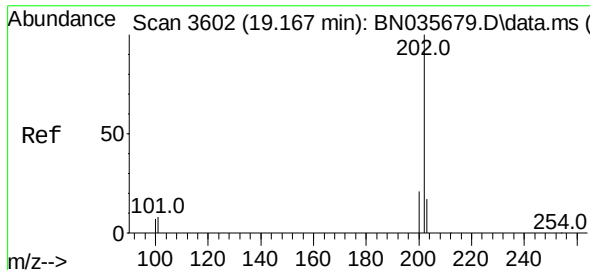


Scan 3522 (18.795 min): BN035679.D\data.ms (-3519) (-)
Fluoranthene
 Concen: 0.644 ng/ul
 RT: 18.791 min Scan# 3521
 Delta R.T. -0.009 min
 Lab File: BN035691.D
 Acq: 19 Dec 2024 04:18

Tgt Ion:202 Resp: 27910

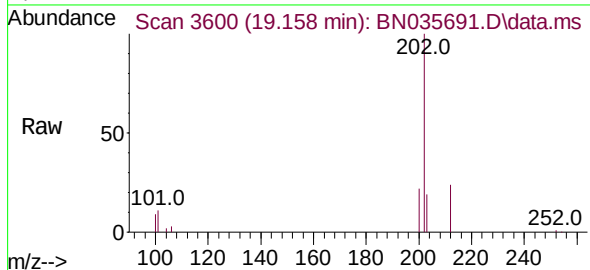
Ion	Ratio	Lower	Upper
202	100		
101	9.3	7.3	10.9
100	7.2	5.4	8.0





Pyrene
Concen: 0.523 ng/ul
RT: 19.158 min Scan# 4029
Delta R.T. -0.009 min
Lab File: BN035691.D
Acq: 19 Dec 2024 04:18

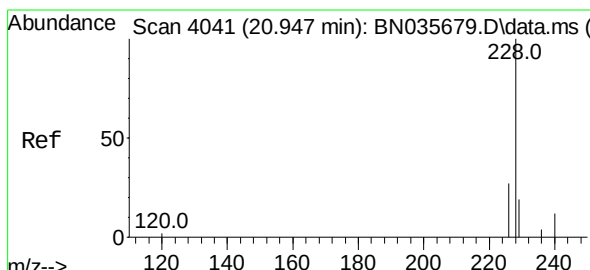
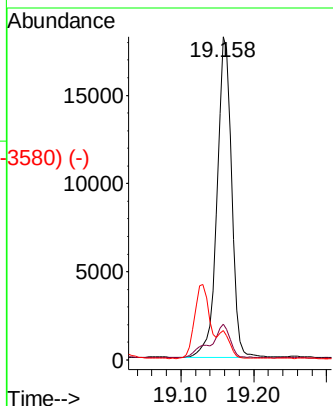
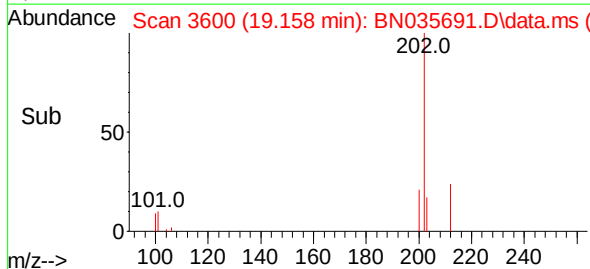
Instrument :
BNA_N
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Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.0	8.5	12.7
100	9.0	6.5	9.7

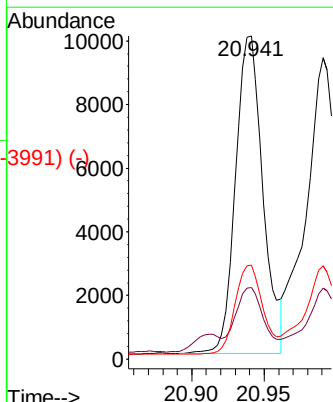
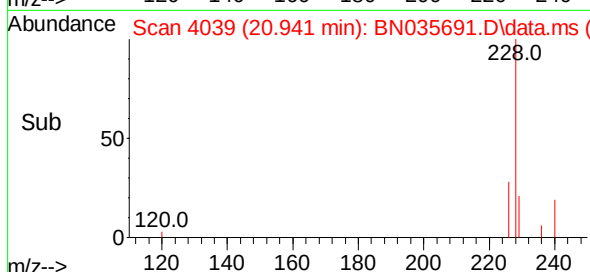
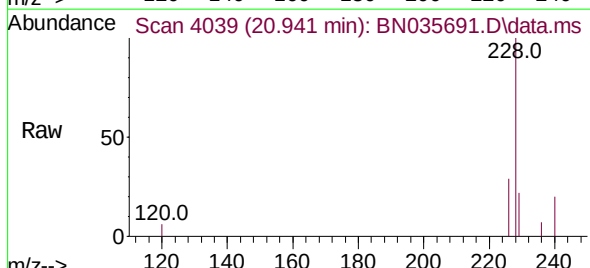
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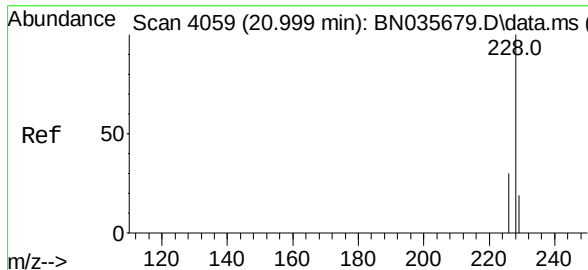
Reviewed By :Yogesh Patel 12/24/2024
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Benzo(a)anthracene
Concen: 0.327 ng/ul
RT: 20.941 min Scan# 4039
Delta R.T. -0.009 min
Lab File: BN035691.D
Acq: 19 Dec 2024 04:18

Tgt Ion	Ratio	Lower	Upper
228	100		
229	22.2	16.6	25.0
226	29.2	22.5	33.7





Chrysene

Concen: 0.338 ng/ul

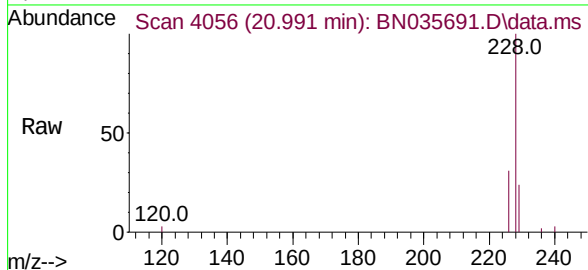
RT: 20.991 min Scan# 4059

Delta R.T. -0.009 min

Lab File: BN035691.D

Acq: 19 Dec 2024 04:18

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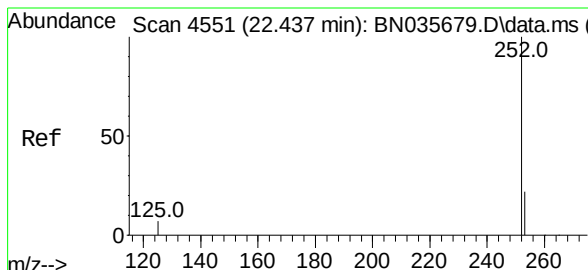
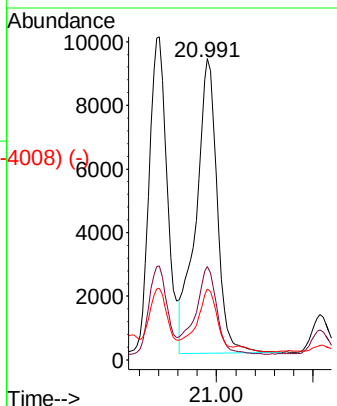
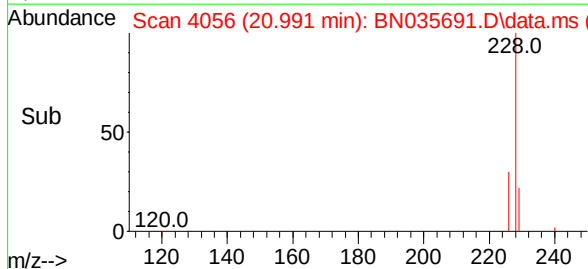


Tgt Ion:228 Resp: 1410

Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.1	37.7
229	23.6	16.6	24.8

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Benzo(b)fluoranthene

Concen: 0.427 ng/ul m

RT: 22.431 min Scan# 4549

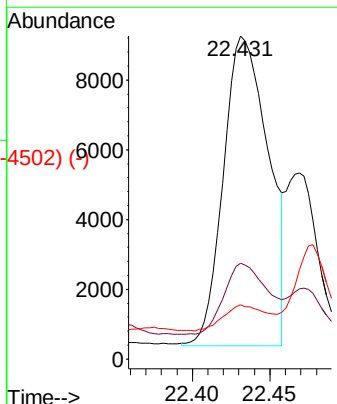
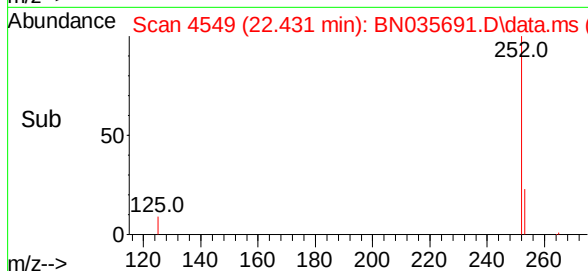
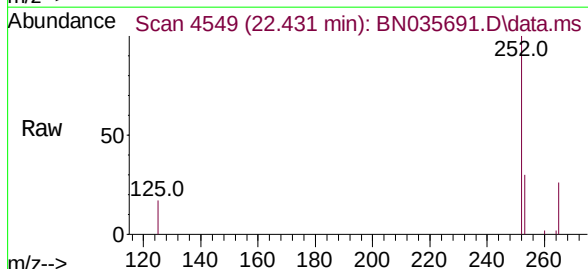
Delta R.T. -0.011 min

Lab File: BN035691.D

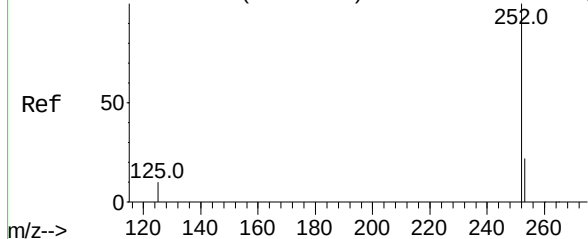
Acq: 19 Dec 2024 04:18

Tgt Ion:252 Resp: 17927

Ion	Ratio	Lower	Upper
252	100		
253	29.6	0.0	56.4
125	16.7	0.0	37.6



Abundance Scan 4565 (22.477 min): BN035679.D\data.ms (-4525) (-)



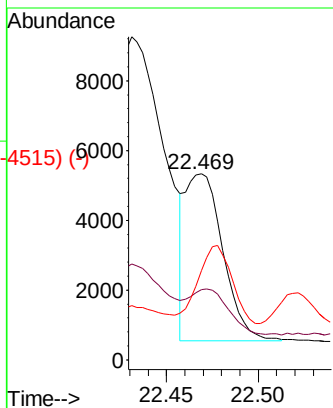
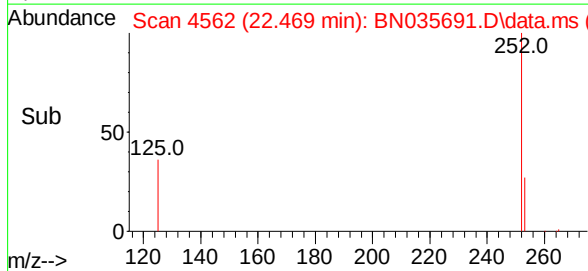
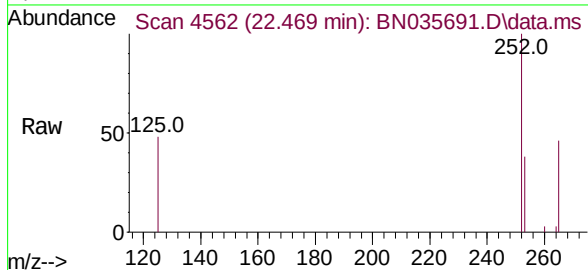
Benzo(k)fluoranthene
Concen: 0.146 ng/ul m
RT: 22.469 min Scan# 4525
Delta R.T. -0.011 min
Lab File: BN035691.D
Acq: 19 Dec 2024 04:18

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ClientSampleId :
E28Y1

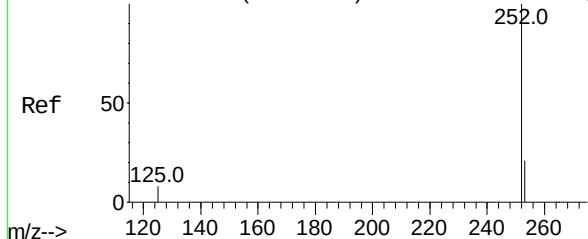
Tgt Ion:252 Resp: 679
Ion Ratio Lower Upper
252 100
253 37.6 22.1 33.3
125 47.9 15.3 22.9

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Supervised By :mohammad ahmed 12/24/2024

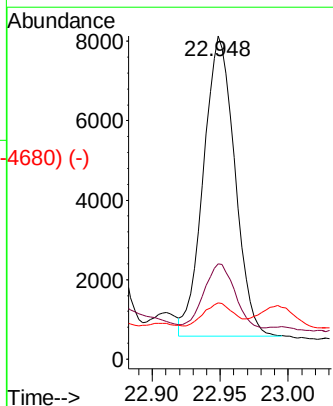
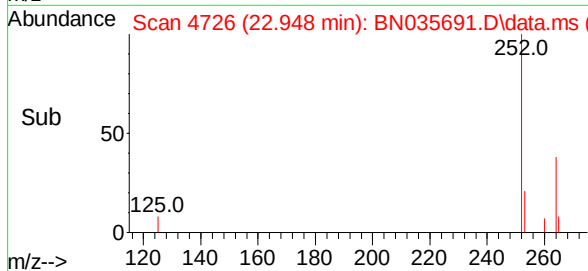
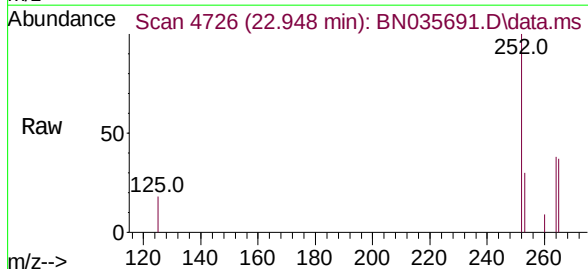


Abundance Scan 4730 (22.960 min): BN035679.D\data.ms (-4726) (-)

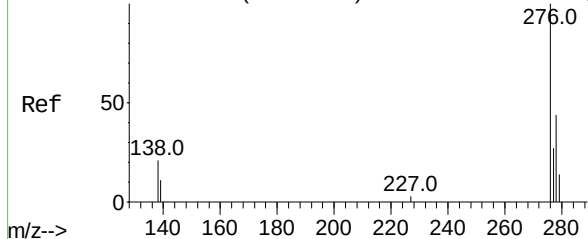


Benzo(a)pyrene
Concen: 0.298 ng/ul m
RT: 22.948 min Scan# 4726
Delta R.T. -0.014 min
Lab File: BN035691.D
Acq: 19 Dec 2024 04:18

Tgt Ion:252 Resp: 12110
Ion Ratio Lower Upper
252 100
253 29.6 24.1 36.1
125 17.5 19.1 28.7#



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



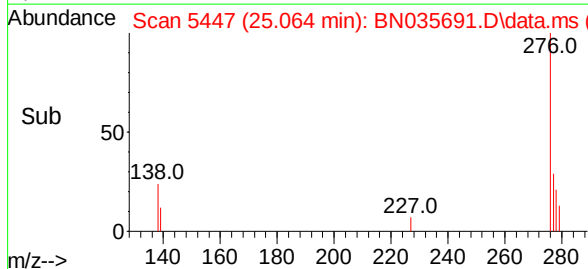
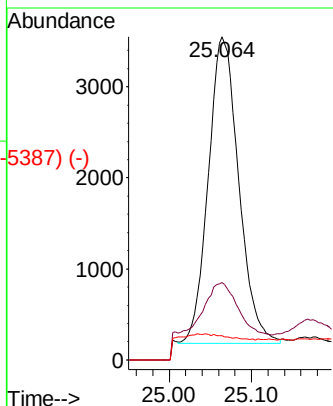
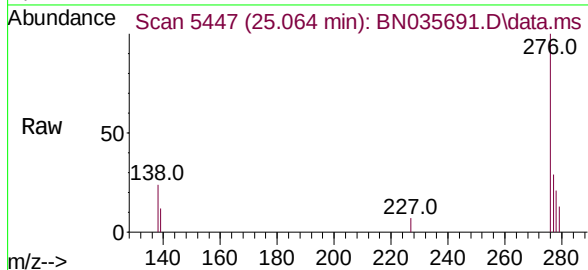
Indeno(1,2,3-cd)pyrene
Concen: 0.174 ng/ul m
RT: 25.064 min Scan# 5447
Delta R.T. -0.017 min
Lab File: BN035691.D
Acq: 19 Dec 2024 04:18

Instrument :
BNA_N
ClientSampleId :
E28Y1

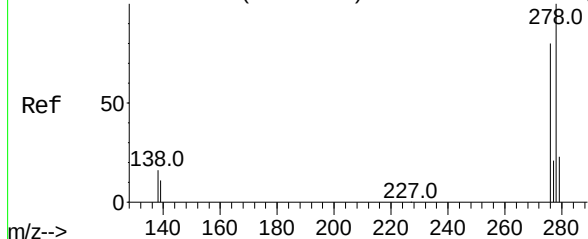
Tgt Ion	Ratio	Lower	Upper
276	100		
138	72.0	14.7	22.1
227	0.0	21.6	32.4

Manual Integrations
APPROVED

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

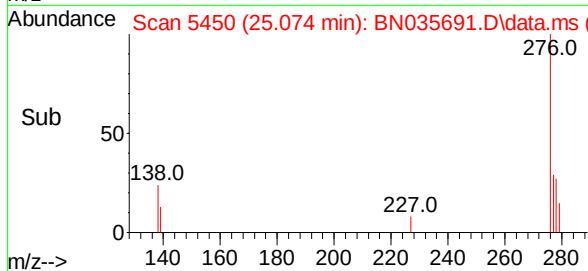
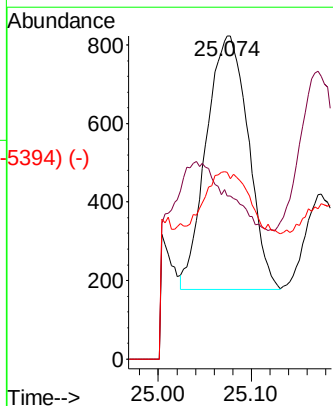
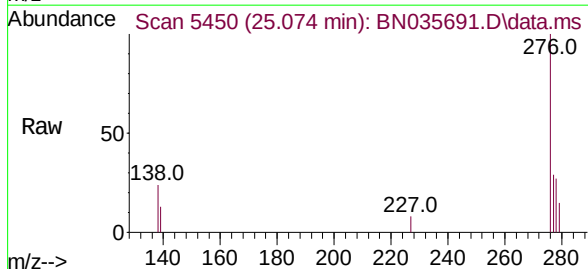


Abundance Scan 5457 (25.097 min): BN035679.D\data.ms (-5428) (-)

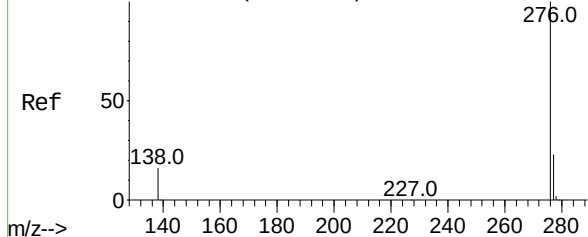


Dibenzo(a,h)anthracene
Concen: 0.053 ng/ul m
RT: 25.074 min Scan# 5450
Delta R.T. -0.027 min
Lab File: BN035691.D
Acq: 19 Dec 2024 04:18

Tgt Ion	Ratio	Lower	Upper
278	100		
139	50.4	19.8	29.8#
279	57.8	24.0	36.0#

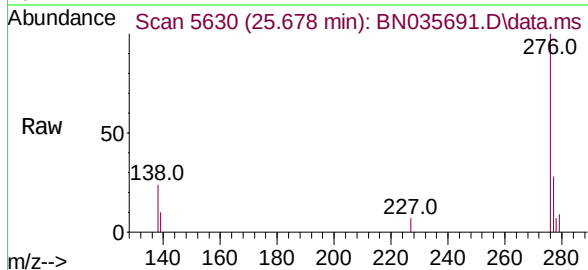


Abundance Scan 5635 (25.694 min): BN035679.D\data.ms (-5629) (-)



Benzo(g,h,i)perylene
Concen: 0.225 ng/ul
RT: 25.678 min Scan# 4
Delta R.T. -0.020 min
Lab File: BN035691.D
Acq: 19 Dec 2024 04:18

Instrument :
BNA_N
ClientSampleId :
E28Y1



Tgt Ion:	276	Resp:	892
Ion	Ratio	Lower	Upper
276	100		
138	24.5	19.6	29.4
277	28.4	21.6	32.4

Manual Integrations
APPROVED

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

